







































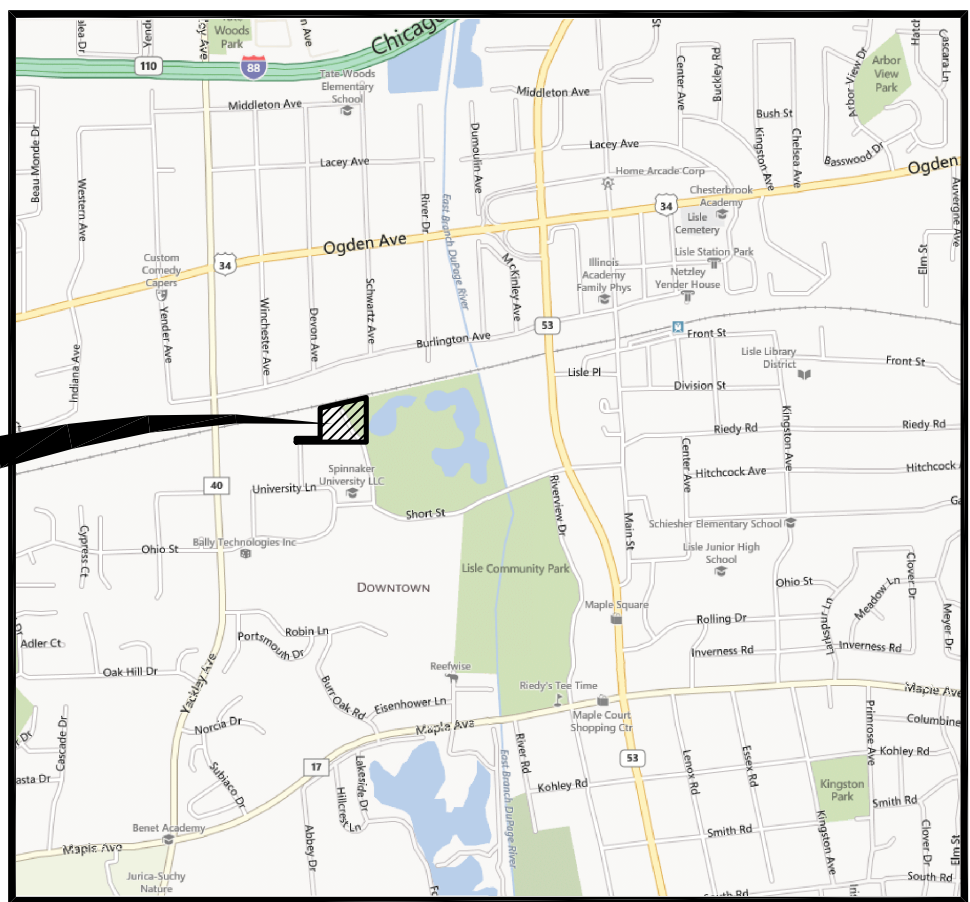


FINAL IMPROVEMENT PLANS
FOR
ROTT CREEK BANK STABILIZATION
LISLE, ILLINOIS
EROSION CONTROL AND DRAINAGE IMPROVEMENTS

LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		MANHOLE
		CATCH BASIN
		INLET
		CLEANOUT
		SLOPE INLET BOX
		HEADWALL
		END SECTION
		STORM SEWER
		SANITARY SEWER
		WATERMAIN
		VALVE & BOX
		WATER VALVE IN VAULT
		FIRE HYDRANT
		CONTOURS
		ELEVATIONS
		STREET LIGHT
		WATERMAIN PROTECTION
		SILT FENCE INLET PROTECTOR
		TEMPORARY STRAW BALE DITCH CHECK
		SILT FENCE DITCH CHECK
		RIP-RAP
		OVERFLOW ROUTE

PROJECT
LOCATION



LOCATION MAP

N

INDEX OF SHEETS

Sheet Number	Sheet Title
01	TITLE
02	CONSTRUCTION SPECIFICATIONS — GENERAL NOTES
03	STORMWATER POLLUTION PREVENTION PLAN
04	STORMWATER POLLUTION PREVENTION PLAN DETAILS
05	STORMWATER POLLUTION PREVENTION PLAN NOTES
06	DRAINAGE AND GRADING PLAN
07	CONSTRUCTION DETAILS

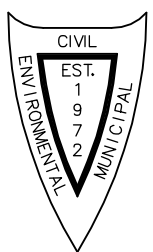
BENCHMARKS / CONTROL POINTS

TBM208 — TAGGED BOLT ON HYDRANT AT
SOUTHWEST CORNER OF PROPERTY.
ELEV. = 673.44 (NAVD 88).
TBM430 — TAGGED BOLT ON HYDRANT NEAR CENTER
OF PROPERTY.
ELEV. = 672.34 (NAVD 88).
CP128 — N = 1868115.599
E = 1051773.873
ELEV. = 674.03 (NAVD 88).
CP129 — N = 1867790.673
E = 1051946.565
ELEV. = 667.22 (NAVD 88).

FOR UNDERGROUND UTILITY
LOCATIONS, CALL
J.U.L.I.E.
TOLL FREE
TEL. 1-800-892-0123 or 811

DATE: _____
RELEASED FOR PLAN REVIEW AND PERMIT
PROCESSING ONLY.
IF USED FOR BIDDING PURPOSES, THOSE PARTIES
CONCERNED SHALL BE ADVISED THAT REVISIONS
MAY BE REQUIRED PRIOR TO PLAN APPROVAL.
NOT ISSUED FOR CONSTRUCTION UNTIL APPROVED BY THE
VILLAGE OF LISLE AND PERMITTED AS REQUIRED.

PREPARED FOR:
LISLE PARK DISTRICT
1925 OHIO COURT
LISLE, ILLINOIS 60532
(630) 964-3410



PREPARED BY:
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R E V I S I O N S					
NO.	DATE	SHEETS	NO.	DATE	SHEETS
1	08-30-19/JGC	2, 3, 6, 7			
2	01-21-20/JGC	2, 3			
3	05-12-21/JGC	1, 3			

JOB NO. 753.010
COMPLETION DATE :
05-08-19
SHEET 1 OF 7

PROFESSIONAL ENGINEER'S CERTIFICATION

STATE OF ILLINOIS) SS.
COUNTY OF DU PAGE)
I, MICHAEL A. MAY, A LICENSED PROFESSIONAL ENGINEER OF ILLINOIS,
HEREBY CERTIFY THAT THIS TECHNICAL SUBMISSION WAS PREPARED ON
BEHALF OF THE LISLE PARK DISTRICT, BY CEMCON, LTD. UNDER MY
PERSONAL DIRECTION. THIS TECHNICAL SUBMISSION IS INTENDED TO BE
USED AS AN INTEGRAL PART OF AND IN CONJUNCTION WITH THE PROJECT
SPECIFICATIONS AND CONTRACT DOCUMENTS.
DATED THIS 12TH DAY OF MAY, A.D., 2021.
ILLINOIS LICENSED PROFESSIONAL ENGINEER NO. 062-059494
MY LICENSE EXPIRES ON NOVEMBER 30, 2021
PROFESSIONAL DESIGN FIRM LICENSE NUMBER 184-002937
EXPIRES APRIL 30, 2023
NOTE : UNLESS THIS DOCUMENT BEARS THE ORIGINAL SIGNATURE AND
IMPRESSED SEAL OF THE DESIGN PROFESSIONAL ENGINEER, IT IS NOT A VALID
TECHNICAL SUBMISSION.



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CONSTRUCTION SPECIFICATIONS – GENERAL NOTES

GENERAL

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE VILLAGE OF LISLE STANDARDS AND WITH THE 2016 EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", APPLICABLE WHEN REFERENCED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING EACH OF THE UTILITY COMPANIES BEFORE ANY WORK IS STARTED. ALL UTILITIES MUST BE STAKED PRIOR TO CONSTRUCTION.
- IF THE ENGINEER IS RETAINED FOR CONSTRUCTION STAKING SERVICES, THE ENGINEER WILL BE GIVEN SEVENTY-TWO (72) HOURS NOTICE FOR ANY STAKING THAT IS TO BE DONE. IF ENGINEER IS CONTRACTED BY OWNER OR CONTRACTOR FOR CONSTRUCTION STAKING SERVICES, EACH OF THE VARIOUS ITEMS OF WORK COVERED BY THIS CONTRACT WILL BE STAKED ONCE. ADDITIONAL STAKING REQUIRED DUE TO CONTRACTOR NEGLIGENCE SHALL BE PAID FOR BY THE CONTRACTOR AT THE CURRENT HOURLY RATE.
- THE CONTRACTOR SHALL INFORM THE VILLAGE OF LISLE BEFORE WORK COMMENCES ON EACH CATEGORY OF CONSTRUCTION, I.E. WATERMAIN, SANITARY, STREET AND DRAINAGE IMPROVEMENT. A FORTY EIGHT (48) HOUR NOTICE SHALL BE GIVEN FOR ANY ITEM THAT REQUIRE FINAL TESTING AND INSPECTION SUCH AS WATERMAINS OR SANITARY SEWERS.
- THE CONTRACTOR RESPONSIBLE FOR WATERMAIN CONSTRUCTION, SANITARY SEWER CONSTRUCTION AND DRAINAGE IMPROVEMENTS (UNDERGROUND WORK) SHALL DISPOSE OF ALL SURPLUS MATERIALS ON THE SITE AS DIRECTED BY THE ENGINEER. NO ADDITIONAL COMPENSATION WILL BE PAID AND SAID WORK SHALL BE INCIDENTAL TO THE OTHER ITEMS OF CONSTRUCTION.
- AFTER CONSTRUCTION STAKING IS PERFORMED, BUT PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL CALL THE ATTENTION OF THE OWNER'S REPRESENTATIVE TO ANY ERRORS OR DISCREPANCIES WHICH MAY BE SUSPECTED IN LINES AND GRADES WHICH ARE ESTABLISHED BY THE OWNER, AND SHALL NOT PROCEED WITH THE WORK UNTIL ANY LINES AND GRADES WHICH ARE BELIEVED TO BE IN ERROR HAVE BEEN VERIFIED OR CORRECTED BY THE OWNER'S REPRESENTATIVE.
- THE UNDERGROUND CONTRACTOR SHALL BE RESPONSIBLE TO PLACE ON GRADE AND COORDINATE WITH OTHER CONTRACTORS ALL UNDERGROUND STRUCTURE FRAMES SUCH AS CATCH BASINS, INLETS, MANHOLES, HYDRANTS, BUFFALO BOXES, VALVES, ETC. NO ADDITIONAL COMPENSATION WILL BE PAID AND SAID ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF CONSTRUCTION.
- CONTRACTORS SHALL KEEP PUBLIC STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS AND, WHEN NECESSARY, CLEAN PAVEMENTS ON A DAILY BASIS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS (INCLUDING UTILITY LOCATIONS) PRIOR TO THE INSTALLATION OR FABRICATION OF ANY MATERIALS. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER

⚠ USACOE REGIONAL PERMIT REQUIREMENTS

IF WORK WITHIN THE WATERWAY IS REQUIRED, THE FOLLOWING GUIDELINES SHALL BE IMPLEMENTED:

- WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. LOW FLOW CONDITIONS ARE FLOW AT OR BELOW THE NORMAL WATER ELEVATION.
- THE PLAN WILL BE DESIGNED TO ALLOW FOR THE CONVEYANCE OF THE 2-YEAR PEAK FLOW PAST THE WORK AREA WITHOUT OVERTOPPING THE COFFERDAM. THE CORPS HAS THE DISCRETION TO REDUCE THIS REQUIREMENT IF DOCUMENTED BY THE APPLICANT TO BE INFEASIBLE OR UNNECESSARY.
- THE COFFERDAM MUST BE CONSTRUCTED FROM THE UPLAND AREA AND NO EQUIPMENT MAY ENTER FLOWING WATER AT ANY TIME. IF THE INSTALLATION OF THE COFFERDAM CANNOT BE COMPLETED FROM SHORE AND ACCESS IS NEEDED TO REACH THE AREA TO BE COFFERED, OTHER MEASURES, SUCH AS CONSTRUCTION OF A CAUSEWAY, WILL BE NECESSARY TO ENSURE THAT EQUIPMENT DOES NOT ENTER THE WATER. ONCE THE COFFERDAM IS IN PLACE AND THE ISOLATED AREA IS DEWATERED, EQUIPMENT MAY ENTER THE COFFERED AREA TO PERFORM THE REQUIRED WORK.
- WATER SHALL BE ISOLATED FROM THE IN-STREAM WORK AREA USING A COFFERDAM CONSTRUCTED OF NON-ERODIBLE MATERIALS (STEEL SHEETS, AQUA BARRIERS, RIP RAP AND GEOTEXTILE LINER, ETC.). EARTHERN COFFERDAMS ARE NOT PERMISSIBLE.
- IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE SHALL BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM ENTERING THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION. FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER HAS BECOME SEDIMENT-LADEN BECAUSE OF CURRENT CONSTRUCTION ACTIVITIES.
- DURING DEWATERING OF THE COFFERED WORK AREA, ALL SEDIMENT-LADEN WATER MUST BE FILTERED TO REMOVE SEDIMENT. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BATTLE SYSTEMS, ANIONIC POLYMERS SYSTEMS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. WATER SHALL HAVE SEDIMENT REMOVED PRIOR TO BEING RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. A STABILIZED CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED IN THE PLAN. DISCHARGE WATER IS CONSIDERED CLEAN IF IT DOES NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY.
- EARTHEN COFFERDAMS OR OTHER PRACTICES THAT WOULD RESULT IN A RELEASE OF SEDIMENT INTO WATERS OF THE U.S. ARE NOT AUTHORIZED FOR USE. COFFERDAMS SHALL BE CONSTRUCTED OF NON-ERODIBLE MATERIALS. ACCEPTABLE PRACTICES INCLUDE, BUT ARE NOT LIMITED TO: PRE-FABRICATED RIGID COFFERDAMS, SHEET PILING, INFLATABLE BLADDERS, SANDBAGS, AND FABRIC-LINED BASINS.

SEDIMENT AND EROSION CONTROL DURING CONSTRUCTION

STANDARDS:

THE FOLLOWING PUBLICATIONS WILL BE USED AS A GUIDE FOR THE IMPLEMENTATION OF SOIL EROSION AND SEDIMENT CONTROL:

ILLINOIS URBAN MANUAL STANDARDS AND SPECIFICATIONS (FEBRUARY 2002).

REQUIREMENTS:

- SEDIMENT AND EROSION CONTROLS SPECIFIED ON THE PLANS WILL BE FUNCTIONAL BEFORE ANY EARTHWORK OPERATIONS COMMENCE OR BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.
- STOCKPILES OF EARTH MATERIAL WILL BE PLACED AT LOCATIONS AS INDICATED ON THE PLANS. A SILT FENCE WILL BE PLACED AROUND THE BASE OF THE STOCKPILE WHERE INDICATED. STOCKPILES OF SOIL SHALL NOT BE LOCATED IN SPECIAL MANAGEMENT AREAS.
- SHOULD THE VOLUME, VELOCITY, SEDIMENT LOAD, OR PEAK FLOW RATES OF STORMWATER RUNOFF TEMPORARILY INCREASE DURING CONSTRUCTION, THEN ADDITIONAL MEASURES TO PROTECT ADJACENT PROPERTIES AND SPECIAL MANAGEMENT AREAS DOWNSTREAM SHALL BE UNDERTAKEN.
- STORM SEWER INLETS SHALL BE PROTECTED BY STRAW BALE SEDIMENT TRAPS OR FILTER CONTROL DEVICES FOLLOWING INSTALLATION.
- THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 7 DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS NOT AT FINAL GRADE THAT WILL REMAIN UNDISTURBED FOR MORE THAN 14 DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION WITHIN 7 DAYS. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
- WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING WILL BE FILTERED.
- VEHICULAR ACCESS TO THE SITE SHALL BE RESTRICTED TO A CONSTRUCTION ENTRANCE. SAID CONSTRUCTION ENTRANCE SHALL BE INSTALLED BEFORE ANY CONSTRUCTION BEGINS.
- THE DESIGNATED CONSTRUCTION ACCESS ROAD WILL BE MAINTAINED WITH CONNECTION TO ADJACENT PUBLIC ROADWAY. THIS ACCESS ROAD WILL BE UTILIZED AS A VEHICLE WASH DOWN AREA TO PREVENT A DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ADJACENT ROADWAYS WILL BE SWEEPED OR CLEANED OF SOIL, MUD, DEBRIS OR EXTRANEOUS MATERIALS AS NECESSARY BEFORE THE END OF EACH WORKDAY.
- ALL CONTROL MEASURES NECESSARY WILL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGH THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT EROSION CONTROL IS OPERATIONAL.
- IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, THEN SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED FOR SUCH STOCKPILE.

TREE PRESERVATION

THE EXCAVATING CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF TREE PRESERVATION MEASURES BEFORE ANY EARTHWORK OPERATIONS COMMENCE. TREE PRESERVATION MEASURES SHALL BE AS IDENTIFIED ON THE EXISTING TREE SURVEY AND PRESERVATION PLAN SHEET TP.1

MAINTENANCE:

THE EXCAVATING CONTRACTOR SHALL BE RESPONSIBLE FOR THE INITIAL CONSTRUCTION OF THE EROSION CONTROL AND TREE PRESERVATION MEASURES SHOWN IN THE PLAN, AND SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID FACILITIES UNTIL THE COMPLETION OF FINAL GRADING OPERATIONS AFTER CONSTRUCTION OF THE IMPROVEMENTS. THE CONTRACTOR SHALL REQUEST IN WRITING A RELEASE FROM THE OWNER FOR MAINTENANCE OF THE SITE UPON COMPLETION OF THE WORK. THE OWNER SHALL ISSUE SAID RELEASE WITHIN 15 DAYS OF THE CONTRACTOR'S REQUEST PROVIDING THE CONTRACTOR HAS COMPLETED ALL WORK REQUIRED UNDER THE CONTRACT. THE CONTRACTOR'S EROSION CONTROL MAINTENANCE RESPONSIBILITIES SHALL BE EXCLUSIVE OF THE CONSTRUCTION WARRANTY AND/OR GUARANTEE PERIOD.

INSPECTION BY OWNER:

QUALIFIED PERSONNEL (PROVIDED BY THE PERMITTEE) SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCH OR GREATER OR EQUIVALENT SNOWFALL.

- DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.
- BASED ON THE RESULTS OF THE INSPECTION, THE PLAN AND EROSION CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. SUCH MODIFICATIONS SHALL PROVIDE FOR TIMELY IMPLEMENTATION OF ANY CHANGES TO THE PLAN WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.
- A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION CONTROL PLAN, AND ACTIONS TAKEN SHALL BE MADE AND RETAINED FOR AT LEAST THREE YEARS AFTER THE DATE OF INSPECTION.
- THE PERMITTEE SHALL COMPLETE AND SUBMIT WITHIN FIVE (5) DAYS AN "INCIDENCE OF NON-COMPLIANCE" (ION) REPORT FOR ANY VIOLATION OF THE EROSION CONTROL PLAN OBSERVED DURING AN INSPECTION CONDUCTED, INCLUDING THOSE NOT REQUIRED BY THE PLAN. SUBMISSION SHALL BE ON FORMS PROVIDED BY THE AGENCY AND INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NON-COMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NON-COMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NON-COMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NON-COMPLIANCE.

SEDIMENT AND EROSION CONTROL DURING CONSTRUCTION (CONT'D)

CONTRACTORS:

A. ALL CONTRACTORS AND SUBCONTRACTORS IDENTIFIED IN THE NPDES PERMIT MUST SIGN A COPY OF THE CERTIFICATION STATEMENT IN PARAGRAPH B BELOW, EXCEPT FOR OWNERS THAT ARE ACTING AS CONTRACTOR.

B. CERTIFICATION STATEMENT:

"I, CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (LR10000) THAT AUTHORIZES THE STORMWATER DISCHARGES ASSOCIATED WITH THE ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION".

THE CERTIFICATION MUST INCLUDE THE NAME AND TITLE OF THE PERSON PROVIDING THE SIGNATURE; THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE CONTRACTING FIRM, THE ADDRESS (OR OTHER IDENTIFYING DESCRIPTION) OF THE SITE; AND THE DATE THE CERTIFICATION IS MADE. (SEE EROSION CONTROL NOTES FOR SIGNATURE PAGE.)

EARTHWORK, GRADING AND PAVING

1. WORK UNDER THIS SECTION SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

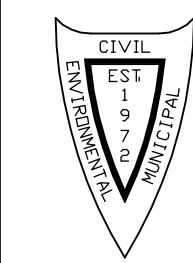
- CLEARING AND REMOVAL OF ALL UNDESIRABLE TREES AND OTHER VEGETATIVE GROWTH WITHIN THE CONSTRUCTION AREA. TREE REMOVAL SHALL BE DESIGNATED BY THE OWNER AND SHALL BE KEPT TO A MINIMUM.
 - STRIPPING OF TOPSOIL FROM ALL STREET, DRIVEWAY, PARKING LOT, RIGHT-OF-WAY, BUILDING PAD AND OTHER DESIGNATED STRUCTURAL AREAS.
 - STOCKPILING OF TOPSOIL AT LOCATIONS AS DIRECTED BY THE OWNER. TOPSOIL STOCKPILED FOR FUTURE USE SHALL BE RELATIVELY FREE FROM LARGE ROOTS, STICKS, WEEDS, BRUSH, STONES LARGER THAN ONE (1) INCH DIAMETER, OR OTHER LITTER AND WASTE. PRODUCTS INCLUDING EXTRANEOUS MATERIALS NOT CONDUCTIVE TO PLANT GROWTH. TOPSOIL SHALL BE STOCKPILED IN SEQUENCE TO ELIMINATE ANY REHANDLING OR DOUBLE MOVEMENTS BY THE CONTRACTOR. FAILURE TO PROPERLY SEQUENCE THE STOCKPILING OPERATIONS SHALL NOT CONSTITUTE A CLAIM FOR ADDITIONAL COMPENSATION. NO MATERIAL SHALL BE STOCKPILED IN FRONT YARDS, OVERLAND DRAINAGE SWALES (FLOOD ROUTING AREAS), IN PROPOSED UTILITY LOCATIONS, IN UTILITY EASEMENTS OR IN THE RIGHT-OF-WAY.
 - THE CONTRACTOR SHALL BE AWARE OF POTENTIAL COMPACTION IN THE FLOODWAY AREA AS NOTED ON THE PLAN. SPECIAL ATTENTION SHOULD BE GIVEN TO INSURE MINIMAL DISTURBANCE OF THE FLOODWAY AREA DURING GRADING PROCEDURES.
 - REMOVAL OF UNSUITABLE MATERIALS AS SPECIFIED FROM ROADWAY, DRIVEWAY/PARKING, BUILDING PAD AND OTHER DESIGNATED AREAS.
 - CLAY CUT AND CLAY FILL WITH COMPACTION WITHIN ROADWAY, DRIVEWAY/PARKING, BUILDING PAD AND OTHER DESIGNATED AREAS.
 - EXCAVATION AND GRADING OF THE OPEN SPACE, AND/OR YARD AREAS PER PLAN INCLUDING CONSTRUCTION OF BERMS, ETC.
 - PLACEMENT AND COMPACTION OF STRUCTURAL MATERIAL TO THE DESIGN SUBGRADE ELEVATIONS AS REQUIRED BY THE STANDARDS AND DETAILS ON THE CONSTRUCTION PLANS. THE CONTRACTOR WILL NOTE THAT THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE ELEVATIONS AND THAT PAVEMENT AND/OR TOPSOIL REPLACEMENT THICKNESS MUST BE SUBTRACTED TO DETERMINE SUBGRADE ELEVATIONS.
 - IF REQUIRED, BORROW PIT EXCAVATION OF STRUCTURAL MATERIAL AND REFILL OF PIT WITH NON-STRUCTURAL MATERIAL.
 - PLACEMENT AND COMPACTION OF NON-STRUCTURAL FILLS.
 - MOVEMENT AND COMPACTION OF SPOIL MATERIAL FROM THE CONSTRUCTION OF UNDERGROUND UTILITIES.
 - BACKFILLING OF CURBS AND/OR PAVEMENT AND SIDEWALK AFTER INSTALLATION OF SAME BY THE PAVING CONTRACTOR.
 - FINAL SHAPING AND TRIMMING TO THE LINES, GRADES, AND CROSS-SECTIONS SHOWN IN THESE PLANS; AND TOPSOIL PLACEMENT TO DESIGN FINISHED GRADE ELEVATIONS.
 - SOIL EROSION CONTROL MEASURES IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS.
- THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS AND SHALL NOTIFY THE ENGINEER AT ONCE OF ANY DISCREPANCIES. THE CONTRACTOR SHALL EXAMINE THE DRAINAGE PATTERNS SHOWN ON THE PLANS AND MAKE CERTAIN THAT ALL GUTTER FLAPS AND PAVEMENTS ARE PITCHED PROPERLY TO ACHIEVE THIS DRAINAGE PATTERN.
 - MATERIALS TESTING, IF REQUIRED BY THE MUNICIPALITY, SHALL BE PROVIDED BY THE CONTRACTOR. THIS ITEM WILL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE VARIOUS ITEMS OF WORK.
 - DURING CONSTRUCTION OPERATIONS THE CONTRACTOR SHALL INSURE POSITIVE SITE DRAINAGE AT THE CONCLUSION OF EACH DAY. SITE DRAINAGE MAY BE ACHIEVED BY DITCHING, PUMPING OR ANY OTHER ACCEPTABLE METHOD. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIAL CREATED AS A RESULT THEREOF.
 - IT SHALL BE THE RESPONSIBILITY OF EACH RESPECTIVE CONTRACTOR TO REMOVE FROM THE SITE ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM HIS CONSTRUCTION OPERATIONS AT NO ADDITIONAL EXPENSE TO THE OWNER.

EARTHWORK, GRADING AND PAVING (CON'T)

- THE GRADING OPERATIONS ARE TO BE CLOSELY SUPERVISED AND INSPECTED, PARTICULARLY DURING THE REMOVAL OF UNSUITABLE MATERIAL AND THE CONSTRUCTION OF EMBANKMENTS OR BUILDING PADS, BY THE SOILS ENGINEER OR HIS REPRESENTATIVE. ALL TESTING, INSPECTION AND SUPERVISION OF SOIL QUALITY, UNSUITABLE REMOVAL AND ITS REPLACEMENT AND OTHER SOILS RELATED OPERATIONS SHALL BE ENTIRELY THE RESPONSIBILITY OF THE SOILS ENGINEER. NO UNDERCUT SHALL BE PERFORMED WITHOUT AUTHORIZATION FROM OWNER AND ASSIGNMENT OF AN EWO NUMBER.
- THE GRADING AND CONSTRUCTION OF THE SITE IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER. ALL AREAS SHALL BE GRADED TO ALLOW POSITIVE DRAINAGE.
- THE PROPOSED GRADING ELEVATIONS SHOWN ON THE PLANS ARE FINISH GRADE. A MINIMUM OF SIX INCHES (6") OF TOPSOIL IS TO BE PLACED BEFORE FINISH GRADE ELEVATIONS ARE ACHIEVED. SEE PLAN DETAILS AND SPECIFICATIONS FOR SPECIAL SOIL DEPTHS IN BMP AREAS.
- THE SELECTED STRUCTURAL FILL MATERIAL SHALL BE PLACED IN LEVEL UNIFORM LAYERS SO THAT THE COMPACTED THICKNESS IS APPROXIMATELY SIX INCHES (6"). IF COMPACTION EQUIPMENT DEMONSTRATES THE ABILITY TO COMPACT GREATER THICKNESSES, THEN A GREATER THICKNESS MAY BE SPECIFIED. EACH LAYER SHALL BE THOROUGHLY MIXED DURING SPREADING TO INSURE UNIFORMITY.
- EMBANKMENT MATERIAL WITHIN ROADWAY, DRIVEWAY, PARKING LOT AND OTHER STRUCTURAL CLAY FILL AREAS SHALL BE COMPACTED TO A MINIMUM OF NINETY-THREE PERCENT (93%) OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM SPECIFICATION D-1557 (MODIFIED PROCTOR METHOD), OR TO SUCH OTHER DENSITY AS MAY BE DETERMINED APPROPRIATE BY THE SOILS ENGINEER.
- THE SURFACE VEGETATION, TOPSOIL AND ANY OBVIOUSLY SOFT UNDERLYING SOIL SHOULD BE STRIPPED FROM ALL AREAS TO RECEIVE STRUCTURAL FILL. IF THE UNDERLYING SUBGRADE SOILS RUT DEEPER THAN ONE INCH UNDER THE CONSTRUCTION EQUIPMENT OR IF THE MOISTURE CONTENT EXCEEDS THAT NEEDED FOR PROPER COMPACTION, THE SOIL SHALL BE SCARIFIED, DRIED AND RECOMPACTED TO THE REQUIRED SPECIFICATIONS (SEE SECTION 301.03 OF THE IDOT SPECIFICATIONS).
- COMPLETED GRADING (FINISHED FINE GRADE) FOR PROPOSED PAVEMENT SUBGRADE AREAS, BUILDING PADS, AND YARD/OPEN SPACE AREAS SHALL BE WITHIN A TOLERANCE OF PLUS OR MINUS ONE-TENTH OF A FOOT (0.1') OF DESIGN SUBGRADE ELEVATIONS.
- THE SUBGRADE FOR PROPOSED STREET AND PAVEMENT AREAS SHALL BE PROOF-ROLLED BY THE CONTRACTOR IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE AND ANY UNSTABLE AREAS ENCOUNTERED SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AND SOILS ENGINEER. ANY UNDERCUT AND REPLACE NECESSARY WILL BE MEASURED FOR PAVEMENT AT THE CONTRACT UNIT PRICE.

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PREPARED FOR:
LISLE PARK DISTRICT
1925 OHIO COURT
LISLE, ILLINOIS 60532
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REVISIONS					
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	08-30-19/JGC	REVISED PER DUPAGE COUNTY REVIEW LETTER DATED 06-20-19			

CONSTRUCTION SPECIFICATIONS – GENERAL NOTES

ROTT CREEK BANK STABILIZATION

FILE NAME: CRK GENNOTES	DSGN. BY: MAM	JOB NO.: 753.010	F.LD. BK./PG.: ---	SHEET NO.
DIR: 753010	DRN. BY: JGC	DATE: 05-08-19	SCALE: 1" = NONE	2 of 7

Basic Prairie Seed Mix

Botanical Name Permanent Grasses/Sedges	Common Name	PLS Oz/Acre
Andropogon gerardii	Big Bluestem	12
Bouteloua curtipendula	Side Oats Grama	16
Carex spp.	Prairie Sedge Mix	3
Elymus canadensis	Canada Wild Rye	24
Panicum virgatum	Switch Grass	2.5
Schizachyrium scoparium	Little Bluestem	28
Sorghastrum nutans	Indian Grass	12
Total		97.5
Temporary Cover		
Avena Sativa	Common Oat	360
Lolium multiflorum	Annual Rye	100
Total		460
Forbs		
Amarpha canescens	Lead Plant	0.5
Asclepias syriaca	Common Milkweed	1.5
Asclepias tuberosa	Butterfly Weed	1.5
Chamaecrista fasciculata	Partridge Pea	8.25
Coreopsis lanceolata	Sand Coreopsis	5
Coreopsis tripteris	Tall Coreopsis	1.5
Dalea purpurea	Purple Hair Clover	2
Desmanthus illinoensis	Illinois Sensitive Plant	1.5
Echinacea purpurea	Brood-Leaved Purple Coneflower	1
Eryngium yuccifolium	Rattlesnake Master	0.25
Helopsis helianthoides	False Sunflower	1
Lespedeza capitata	Round-Headed Bush Clover	1
Liatris aspera	Rough Brazing Star	1
Lupinus perennis	Wild Lupine	1
Monarda fistulosa	Wild Bergamot	1
Oligoneuron rigidum	Stiff Goldenrod	0.75
Potentilla arguta	Prairie Cinquefoil	0.5
Pycnanthemum virginianum	Common Mountain Mint	0.5
Ratibida pinnata	Yellow Coneflower	4.5
Rudbeckia hirta	Black-Eyed Susan	6
Silphium terebinthinaceum	Prairie Dock	0.75
Solidago speciosa	Showy Goldenrod	1
Symphoricarum laeve	Smooth Blue Aster	0.5
Symphoricarum novae-angliae	New England Aster	1.5
Vernonia spp.	Ironweed Mix	2
Total		54.5

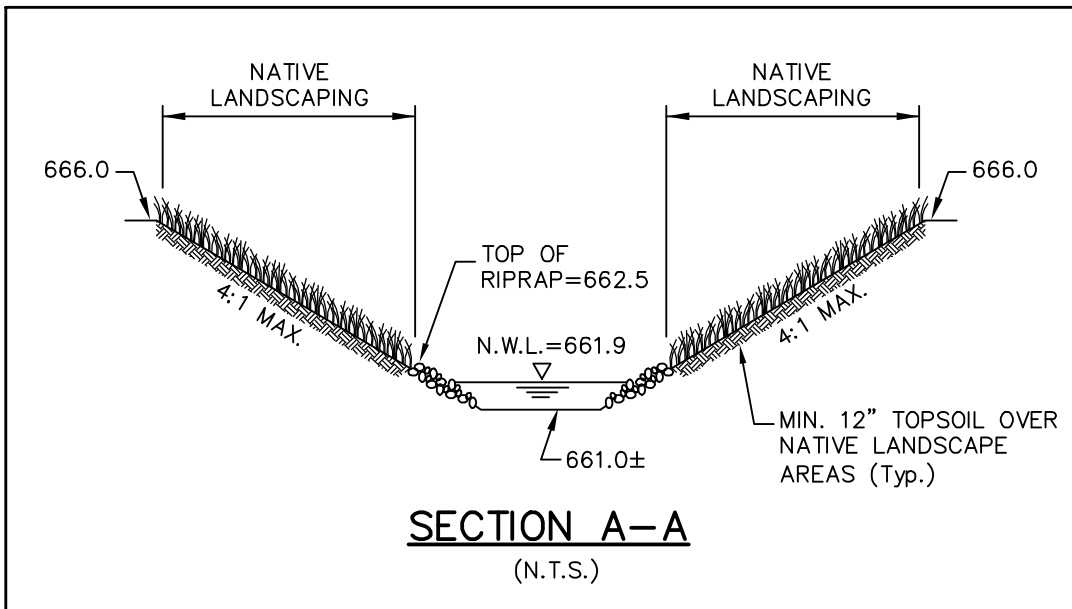
Stormwater Seed Mix

Botanical Name Permanent Grasses/Sedges	Common Name	PLS Oz/Acre
Bolboschoenus fluviatilis	River Bulrush	0.25
Carex cristatella	Crested Oval Sedge	2
Carex lurida	Bottlebrush Sedge	3
Carex vulpinoidea	Brown Fox Sedge	6
Elymus virginicus	Virginia Wild Rye	13.5
Glyceria striata	Fowl Mana Grass	1.25
Juncus effusus	Common Rush	2
Leersia oryzoides	Rice Cut Grass	1
Panicum virgatum	Softstem Switch Grass	2
Schoenoplectus tabernaemontani	Softstem Bulrush	3
Scirpus atrovirens	Dark Green Rush	2
Scirpus operinus	Wool Grass	1
Total		37
Temporary Cover		
Avena sativa	Common Oat	360
Lolium multiflorum	Annual Rye	100
Total		460
Forbs		
Alisma spp.	Water Plantain Mix	4.25
Asclepias incarnata	Swamp Milkweed	1.5
Bidens spp.	Bidens Mix	2
Helenium autumnale	Sneezeweed	2
Iris virginica	Blue Flag	4
Lycopus americanus	Common Water Horsehound	0.25
Mimulus ringens	Monkey Flower	0.5
Oligoneuron riddellii	Riddell's Goldenrod	0.5
Penthorum sedoides	Ditch Stonewort	0.5
Polygonum spp.	Pinkweed Mix	4
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	1.5
Rudbeckia triloba	Brown-Eyed Susan	1
Sagittaria latifolia	Common Arrowhead	1
Senna hebecarpa	Wild Senna	1
Symphoricarum novae-angliae	New England Aster	1.5
Thalictrum dasycarpum	Purple Meadow Rue	2
Total		28

Slope Stabilization Seed Mix

Botanical Name Permanent Grasses/Sedges	Common Name	PLS Oz/Acre
Andropogon gerardii	Big Bluestem	48
Bouteloua curtipendula	Side Oats Grama	16
Carex spp.	Prairie Sedge Mix	4
Elymus canadensis	Canada Wild Rye	32
Elymus virginicus	Virginia Wild Rye	24
Panicum virgatum	Switch Grass	12
Schizachyrium scoparium	Little Bluestem	32
Sorghastrum nutans	Indiana Grass	32
Total		200
Temporary Cover		
Avena sativa	Common Oat	512
Lolium multiflorum	Annual Rye	240
Total		752

NOTE: SEED MIXES AS PROVIDED BY CARNO NATIVE PLANT NURSERY, OR APPROVED EQUAL.

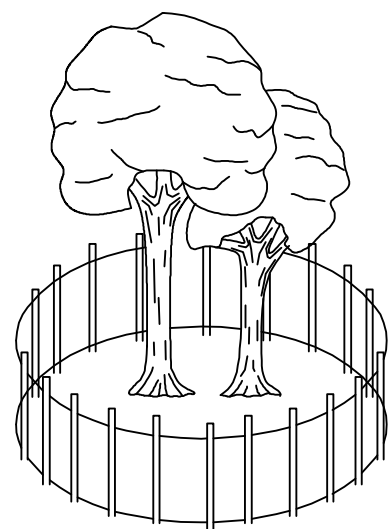


SEED LEGEND

- BELOW 662.50 - STORMWATER SEED MIX (500 S.F.)
- 662.50 TO 664 - SLOPE STABILIZATION SEED MIX (2,400 S.F.)
- 664 TO 665 - OVERLAP SLOPE STABILIZATION AND BASIC PRAIRIE (1,680 S.F.)
- ABOVE 665 - BASIC PRAIRIE SEED MIX (3,680 S.F.)

CONSTRUCTION SCHEDULE

DATE	DESCRIPTION
JULY 2021	SITE MOBILIZATION
JULY 2021	INSTALLATION OF ALL EROSION AND SEDIMENT CONTROL MATERIALS AS NOTED ON THIS PLAN
JULY 2021	VILLAGE INSPECTION OF ALL EROSION AND SEDIMENT CONTROL MATERIALS
JULY 2021	BEGIN EARTHWORK AND UTILITY WORK
AUGUST-SEPTEMBER 2021	CONSTRUCTION OF STRUCTURAL COMPONENTS
SEPTEMBER 2021	PAVING
SEPTEMBER-OCTOBER 2021	FINAL STABILIZATION
OCTOBER 2021	FINAL INSPECTION



NOTE: INSTALL PROTECTIVE FENCING TO A MINIMUM HEIGHT OF 4.0'. FENCING SHALL BE POSITIONED SUCH THAT DRIP LINE OF TREE IS PROTECTED.

TREE PROTECTION FENCING

NOTES:

- ALL STOCKPILED MATERIALS MUST BE PLACED ABOVE THE 100 YR FLOODPLAIN.
- COMPENSATORY STORAGE SHALL BE OPERATIONAL PRIOR TO PLACEMENT OF FILL OR STRUCTURES WITHIN THE REGULATORY FLOODPLAIN.
- GRADING IN THE FLOODPLAIN AREAS SHALL BE DONE IN A MANNER THAT MAINTAINS EXISTING FLOODPLAIN STORAGE AT ALL TIMES.
- STORAGE OF FLAMMABLE, TOXIC OR EXPLOSIVE MATERIALS SHALL NOT BE PERMITTED WITH THE PROJECT LIMITS.
- NO OVERNIGHT PARKING OF VEHICLES IS ALLOWED IN THE FLOODWAY.
- ANY BMP'S UTILIZED IN THE FIELD THAT DEVIATES FROM PROPOSED AND APPROVED PLAN WILL BE UPDATED IN THE SWPPP LOCATED ON SITE.
- CONCRETE WASHOUT TO BE FIELD DETERMINED AND RE-LOCATED AS NECESSARY.
- PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL ERECT ALL PERIMETER SILT FENCE IN ACCORDANCE WITH THE STANDARD DETAILS AND SHALL MAINTAIN THE SILT FENCE UNTIL COMPLETION OF ALL GRADING OPERATIONS.
- WHEN FINAL GRADING IS COMPLETE, ALL AREAS SHALL BE STABILIZED WITHIN 7 DAYS.
- THE CONTRACTORS SHALL BE RESPONSIBLE ON A DAILY BASIS TO CLEAN THE MUD OR DEBRIS DEPOSITED ON ADJACENT STREETS AS A RESULT OF THEIR CONSTRUCTION OPERATIONS AND TO PROVIDE DUST CONTROL WHEN REQUESTED BY THE OWNER'S REPRESENTATIVE.
- STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NO LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA.
- STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES TO REMAIN IN PLACE FOR 30 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.
- 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.
- 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 FINAL COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED AT THE ADJACENT LISLE PARK DISTRICT OFFICE, 925 OHIO ST.
- PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADJACENT 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.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
- DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.
- SILT FENCE IS TO BE INSTALLED AROUND STORMWATER FACILITIES UPON COMPLETION OF FACILITIES AND REMAIN IN PLACE UNTIL THE CONTRIBUTING AREA IS STABILIZED.
- ONCE THE CONTRIBUTING AREAS TO THE STORMWATER FACILITIES ARE STABILIZED, THE BASINS SHALL BE CLEANED OUT AND THE FINAL PROPOSED GRADE SHALL BE ACHIEVED.
- TOPSOIL TO BE STRIPPED ON ENTIRE SITE DURING MASS GRADING.
- ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND FOLLOWING 1/2\"/>

LEGEND

EXISTING	PROPOSED	DESCRIPTION
○	●	MANHOLE
□	■	CATCH BASIN
	▬	INLET
	▬	CLEANOUT
	▬	SLOPE INLET BOX
	▬	HEADWALL
	▬	END SECTION
	▬	STORM SEWER
	▬	HDPE STORM SEWER
	▬	TRIANGULAR SILT DIKE
	▬	SILT FENCE WITH MAINTENANCE
	▬	SILT CURTAIN WITH MAINTENANCE
	▬	RIP-RAP
	✕	EXISTING TREES TO BE REMOVED
	✕	TREE PROTECTION FENCING

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STORMWATER POLLUTION PREVENTION PLAN

ROTT CREEK BANK STABILIZATION

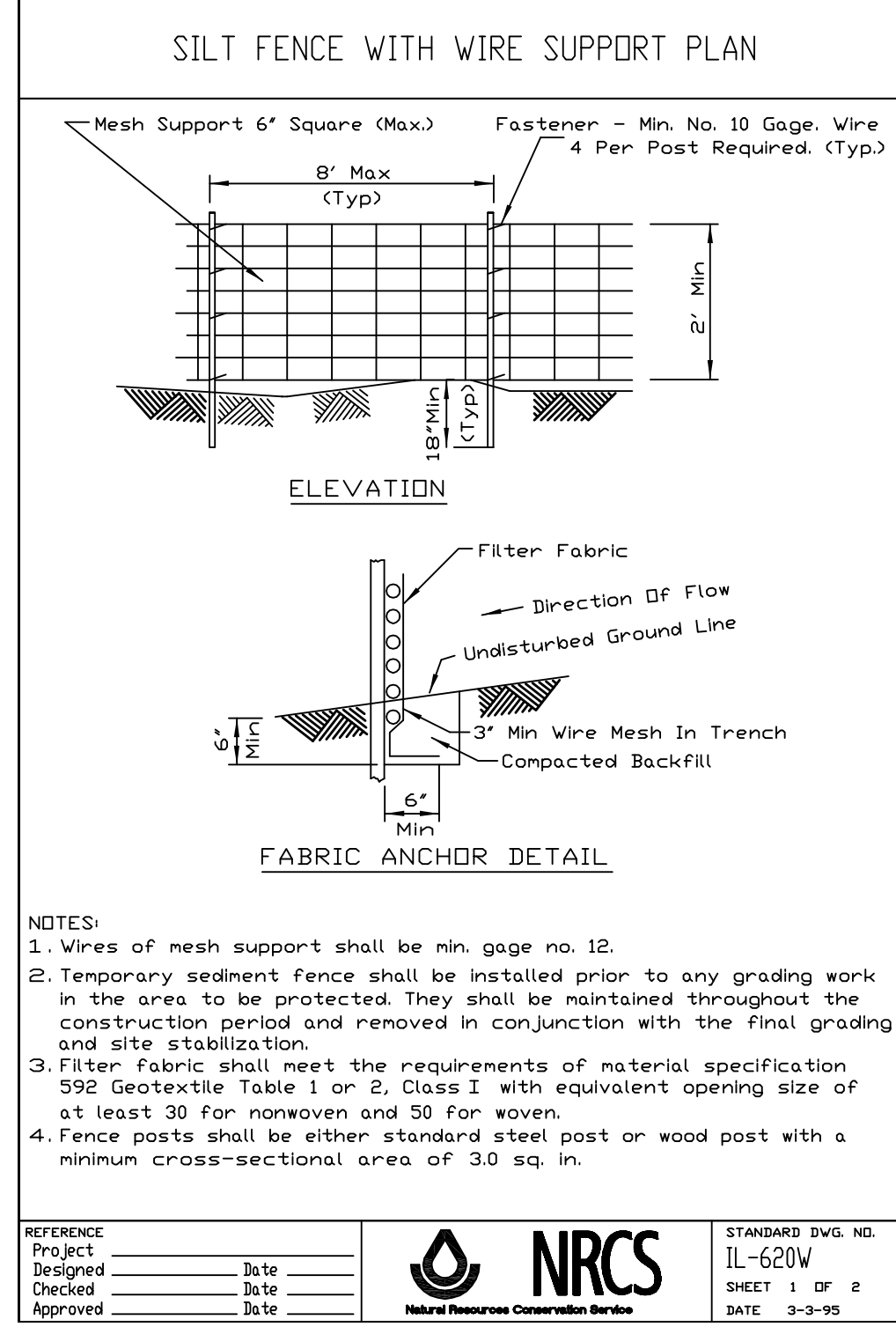
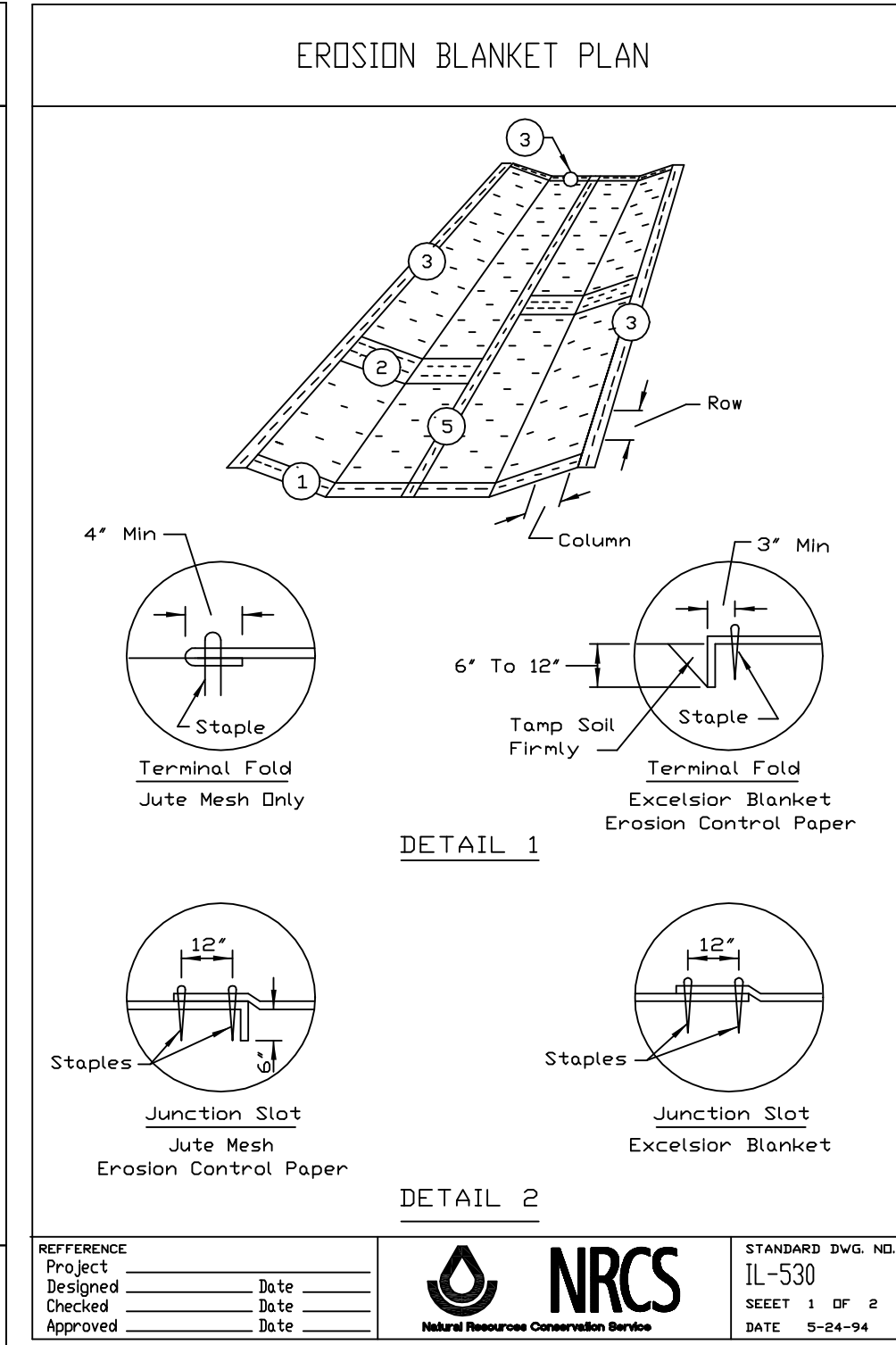
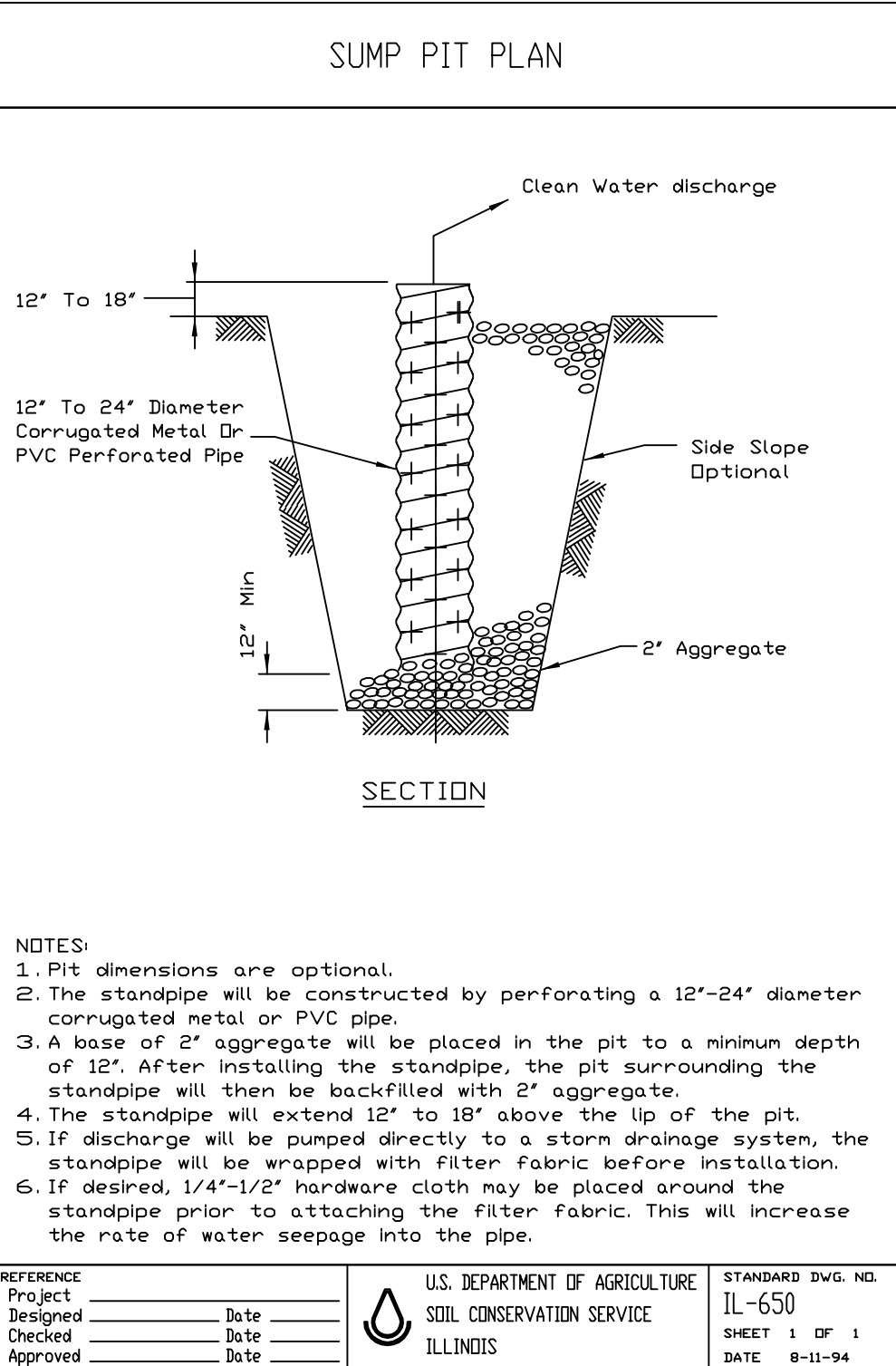
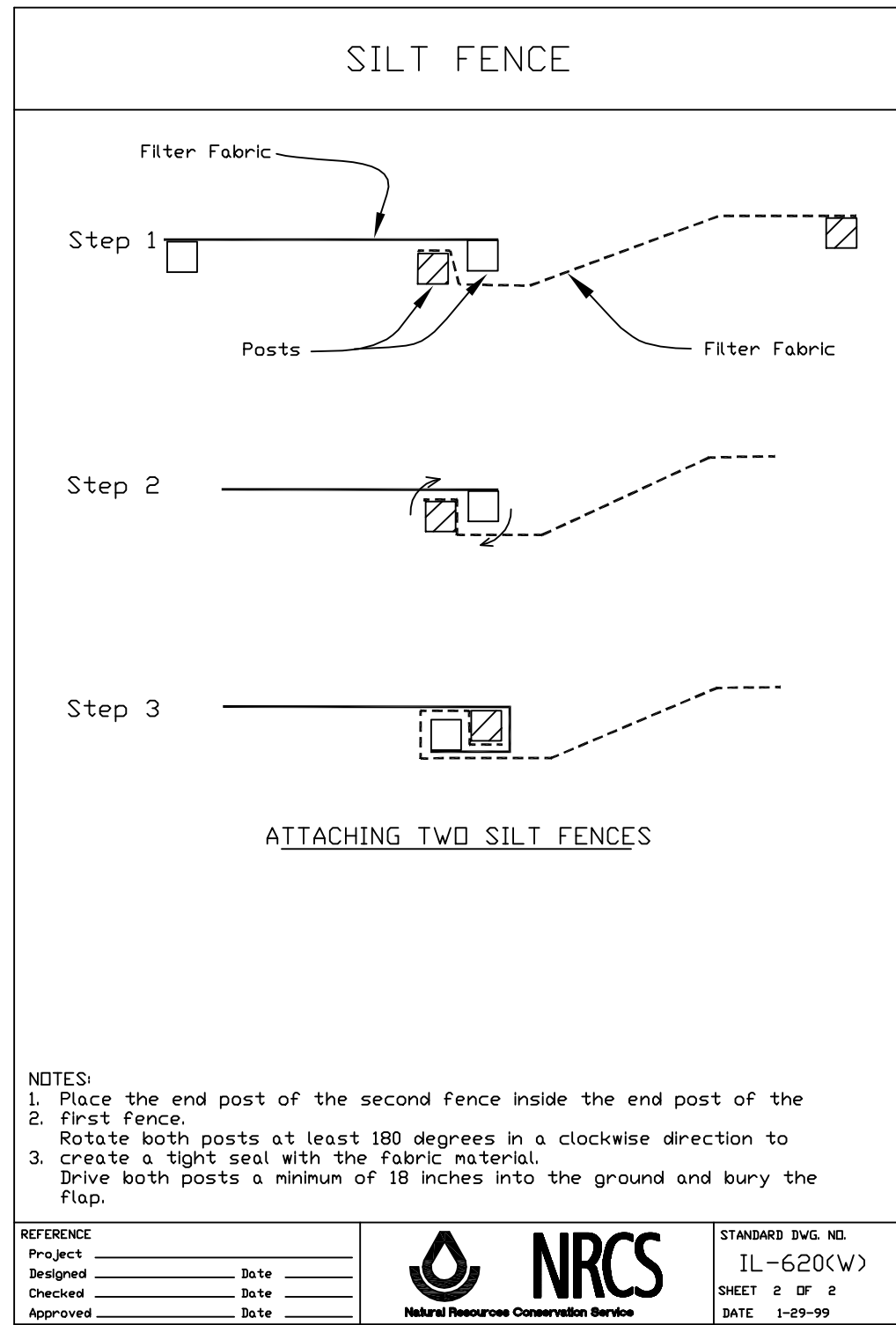
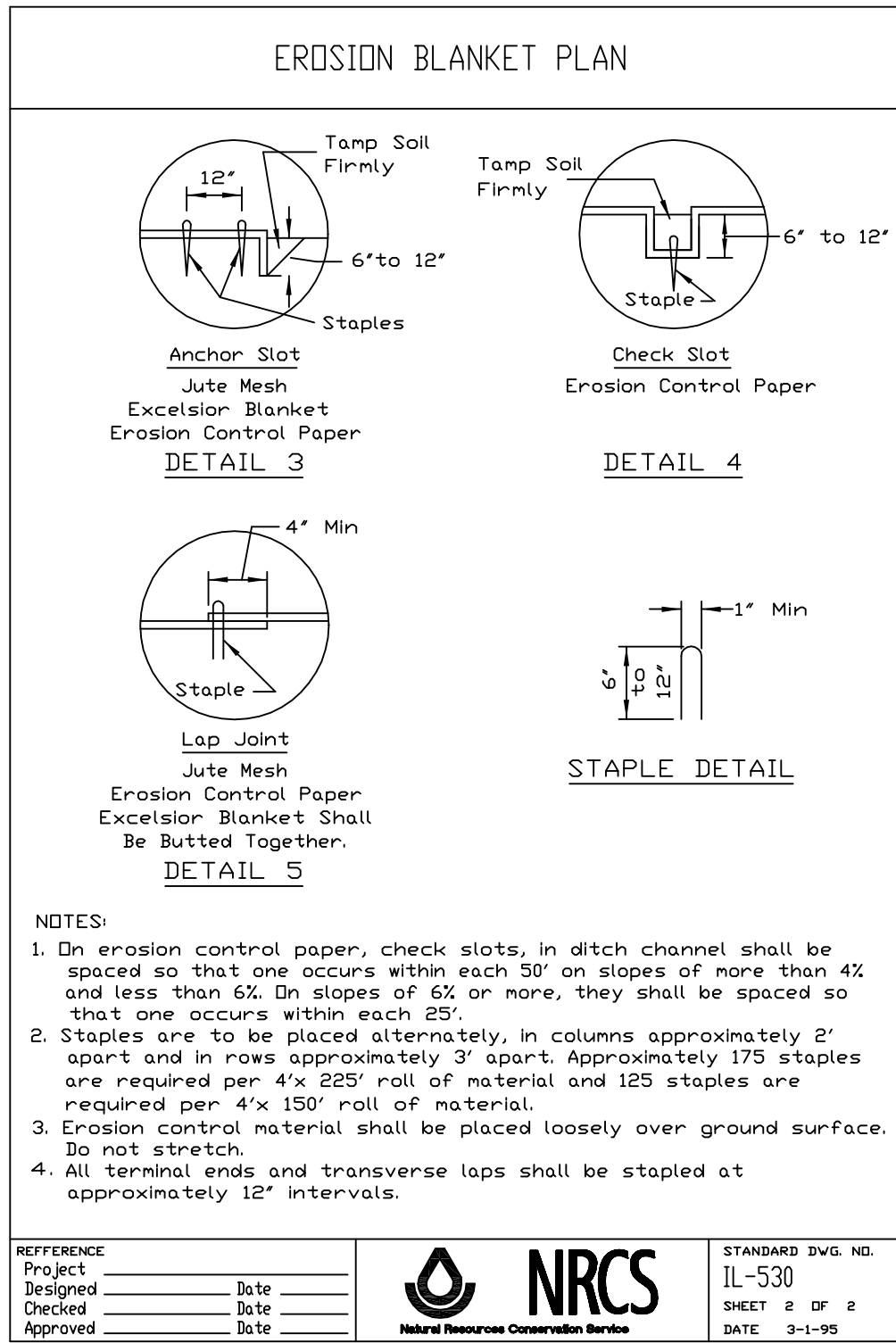
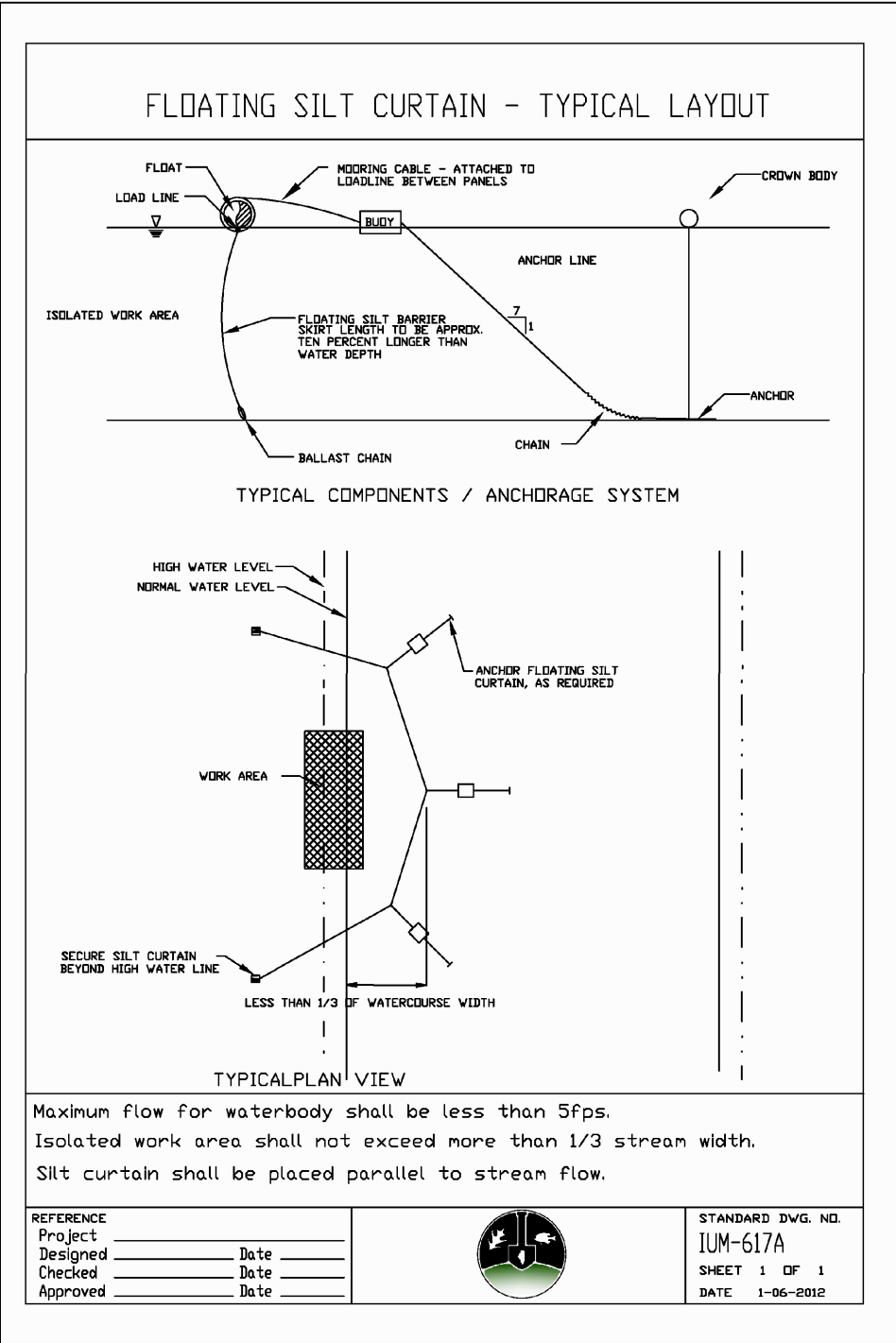
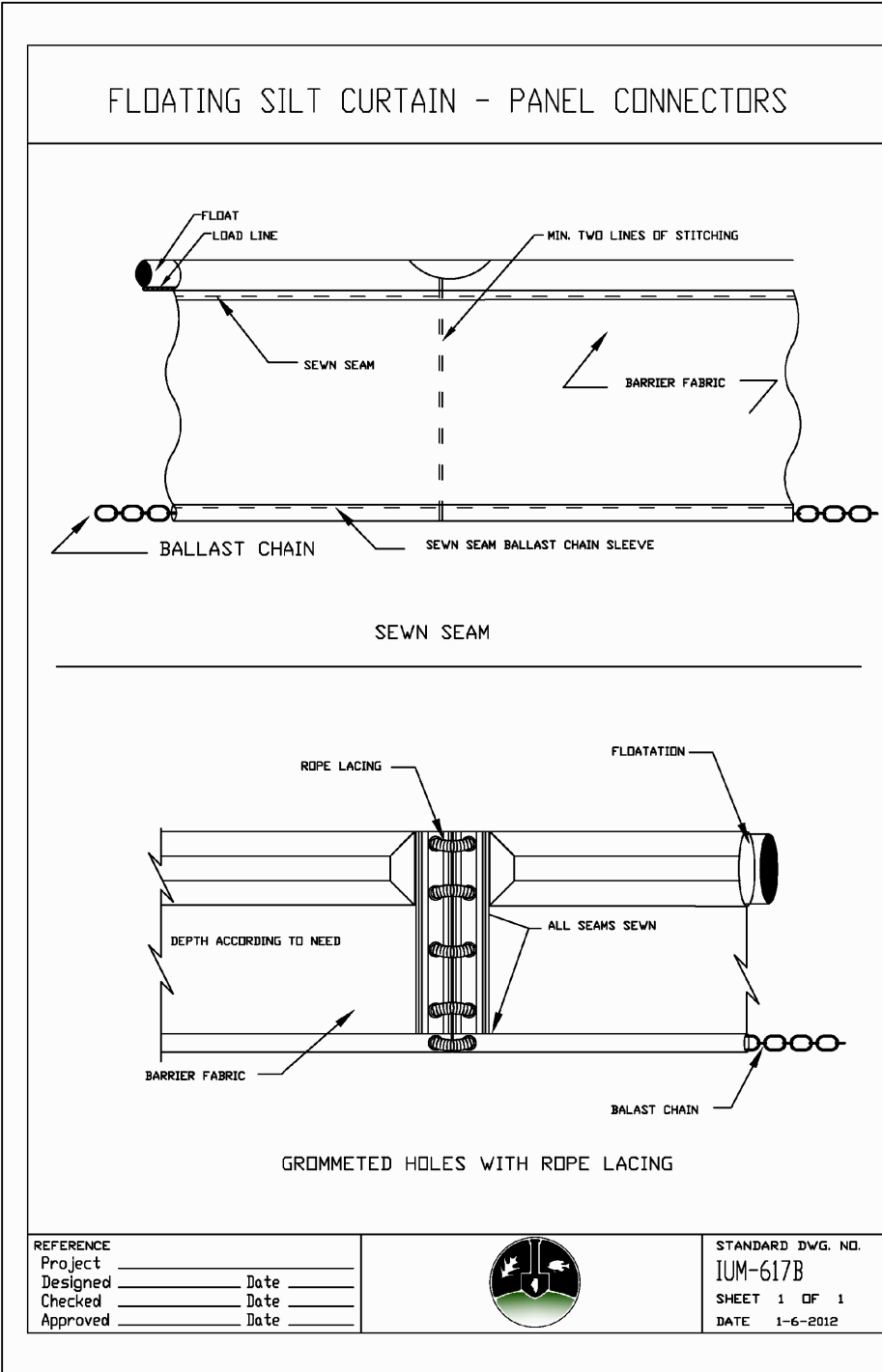
FILE NAME: CRK SOILERO	DSGN. BY: MAM	JOB NO.: 753.010	F.LD. BK./PG.: ---	SHEET NO.
DIR: 753010	DRN. BY: JGC	DATE: 05-08-19	SCALE: 1" = 20'	3 of 7

PLOT FILE CREATED: 5/11/2021 3:30 PM BY JEFF CEBULA
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DRAWING LAST SAVED: 5/11/2021 3:30 PM BY JEFF CEBULA

PLOT FILE CREATED: 9/25/2019 10:23 AM BY JEFF CEBULA DRAWING LAST SAVED: 9/25/2019 10:22 AM BY JEFF CEBULA DRAWING PATH: P:\753010.DWG\ENCL\DRAWINGS\FINAL DRAFTING\ROTT CREEK\CRK SOILERO.DWG

Seeding Mixture	Lbs./Acre	Lbs./1000 ft ²	Seeding Dates
Permanent Seeding ¹			
1. Smooth Bromegrass	24	0.55	Early Spring - Sept. 30
Alfalfa	8	0.2	Early Spring - Sept. 30
2. Tall Fescue	12	0.3	Early Spring - Sept. 30
or Redtop	2.5	0.06	Early Spring - Sept. 30
3. Redtop	2.5	0.06	Early Spring - Sept. 30
Ladino Clover	2.5	0.06	Early Spring - Sept. 30
4. Creeping Red Fescue	15	0.34	Early Spring - Sept. 30
5. Switchgrass ²	8	0.2	Early Spring - Sept. 30
Temporary Seedings ¹			
1. Cereal Rye or Wheat	90	2.5	Early Spring - Sept. 30
2. Oats	90	2.5	Early Spring - Sept. 30
3. Perennial Ryegrass	24	0.55	Early Spring - Sept. 30
Companion Crops ¹			
1. Spring Oats	32	0.75	Early Spring - June 30
2. Cereal Rye or Wheat	90	2.1	July 1 - Sept. 30
Straw Mulching			
	3950	90	Anytime
Sodding ¹			
Nitrogen	130	3	Early Spring - Sept. 30
Phosphorus as P ₂ O ₅	40	1	
Potassium as K ₂ O	40	1	

1 Must be irrigated during hot, dry periods
2 Do not seed in the fall
Note: Dormant seeding may be done from November 15 to March 15



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REVISIONS			REVISIONS		
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

STORMWATER POLLUTION PREVENTION PLAN DETAILS

ROTT CREEK BANK STABILIZATION

FILE NAME: CRK SOILERO	DSGN. BY: MAM	JOB NO.: 753.010	FLD. BK./PG.: ---	SHEET NO.
DIR: 753010	DRN. BY: JGC	DATE: 05-08-19	SCALE: 1" = N.T.S.	4 of 7

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THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE GENERAL NPDES PERMIT NUMBER ILR10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORMWATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

THE PERMITTEE MUST COMPLY WITH ALL CONDITIONS OF THE GENERAL PERMIT. ANY PERMIT NON-COMPLIANCE CONSTITUTES A VIOLATION OF THE ILLINOIS ENVIRONMENTAL PROTECTION ACT AND CLEAN WATER ACT AND IS GROUNDS FOR ENFORCEMENT ACTION, FOR PERMIT TERMINATION, REVOCATION AND REISSUANCE OR MODIFICATION, OR FOR DENIAL OF A PERMIT RENEWAL APPLICATION.

ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE PRIOR TO ANY WORK COMMENCING.

NO STOCKPILES ARE ALLOWED WITHIN THE LIMITS OF FLOODPLAIN, WETLANDS AND WETLAND BUFFER AREAS.

1. SITE DESCRIPTION

A. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:

THE CONSTRUCTION OF SITE INFRASTRUCTURE IMPROVEMENTS TO SERVE A MAINTENANCE BUILDING, INCLUDING GRADING OF THE SITE, STORM SEWERS AND SERVICES, SANITARY SEWERS AND SERVICES, FENCEMENTS, EROSION AND SEDIMENTATION CONTROL MEASURES, AND VEGETATIVE STABILIZATION AND BEST MANAGEMENT PRACTICES.

B. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

- (1). SOIL EROSION CONTROL MEASURES INSTALLATION.
- (2). SITE GRADING AND STOCKPILING OPERATIONS.
- (3). INSTALLATION OF SITE UTILITIES.
- (4). TOPSOIL PLACEMENT, FINE GRADING AND VEGETATIVE RESTORATION.

C. THE TOTAL AREA OF THE PROJECT IS ESTIMATED TO BE APPROXIMATELY 0.5+/- ACRES. THE TOTAL AREA OF THE PROJECT ESTIMATED TO BE DISTURBED BY EXCAVATION, GRADING, OR OTHER ACTIVITIES IS APPROXIMATELY 0.5+/- ACRES.

D. THE ESTIMATED RUNOFF CURVE NUMBER OF THE PROJECT SITE AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED IS 90.0. INFORMATION DESCRIBING THE SOILS AT THE SITE IS CONTAINED IN THE SOILS REPORT(S) FOR THE PROJECT ON FILE WITH THE OWNER/DEVELOPER.

E. THESE PLAN DOCUMENTS CONTAIN SITE MAP(S) INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER MAJOR GRADING ACTIVITIES, AREAS OF MAJOR SOIL DISTURBANCE, THE LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE AND CONTROLS TO PREVENT OFF-SITE SEDIMENT TRACKING, THE LOCATION OF MAJOR STRUCTURAL AND NON-STRUCTURAL EROSION CONTROL MEASURES, AND THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, LOCATION OF ON-SITE OR OFF-SITE SOIL STOCKPILING OR MATERIAL STORAGE, SURFACE WATERS (INCLUDING WETLANDS), AND LOCATIONS WHERE STORMWATER IS DISCHARGED TO A SURFACE WATER.

F. THE IMMEDIATE RECEIVING WATER IS ROTT CREEK WHICH IS TRIBUTARY TO THE EAST BRANCH OF THE DUPAGE RIVER.

2. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN 1.B. ABOVE. FOR EACH MEASURE DISCUSSED, THE CONTRACTORS AND SUB-CONTRACTORS WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. EACH SUCH CONTRACTOR OR SUB-CONTRACTOR MUST SIGN THE REQUIRED CERTIFICATION ON THIS PLAN.

A. EROSION AND SEDIMENT CONTROLS

THE PERMITTEE SHALL DESIGN, INSTALL AND MAINTAIN EFFECTIVE EROSION CONTROLS AND SEDIMENT CONTROLS TO MINIMIZE THE DISCHARGE OF POLLUTANTS. AT A MINIMUM, SUCH CONTROLS MUST BE DESIGNED, INSTALLED AND MAINTAINED TO:

- (i). CONTROL STORMWATER VOLUME AND VELOCITY WITHIN THE SITE TO MINIMIZE SOIL EROSION.
- (ii). CONTROL STORMWATER DISCHARGES, INCLUDING BOTH PEAK FLOWRATES AND TOTAL STORM WATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND TO MINIMIZE DOWNSTREAM CHANNEL AND STREAMBANK EROSION;
- (iii). MINIMIZE THE AMOUNT OF SOIL EXPOSED DURING CONSTRUCTION ACTIVITY THROUGH THE USE OF PROJECT PHASING OR OTHER APPROPRIATE TECHNIQUES;
- (iv). MINIMIZE THE DISTURBANCE OF STEEP SLOPES;
- (v). MINIMIZE SEDIMENT DISCHARGES FROM THE SITE. THE DESIGN, INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS MUST ADDRESS FACTORS SUCH AS THE AMOUNT, FREQUENCY, INTENSITY AND DURATION OF PRECIPITATION, THE NATURE OF RESULTING STORM WATER RUNOFF AND SOIL CHARACTERISTICS, INCLUDING THE RANGE OF SOIL PARTICLE SIZES EXPECTED TO BE PRESENT ON THE SITE;
- (vi). PROVIDE AND MAINTAIN NATURAL BUFFERS AROUND SURFACE WATERS, DIRECT STORM WATER TO VEGETATED AREAS TO INCREASE SEDIMENT REMOVAL AND MAXIMIZE STORM WATER INFILTRATION, UNLESS INFEASIBLE;
- (vii). MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL;
- (viii). MINIMIZE SEDIMENT TRACK-OUT. WHERE SEDIMENT HAS BEEN TRACKED-OUT FROM THE SITE ONTO PAVED ROADS, SIDEWALKS, OR OTHER PAVED AREAS OUTSIDE THE SITE, REMOVE THE SEDIMENT AND TOPSOIL BY THE END OF THE SAME BUSINESS DAY IN WHICH THE TRACK-OUT OCCURS OR BY THE END OF THE NEXT BUSINESS DAY IF TRACK-OUT OCCURS ON A NON-BUSINESS DAY. REMOVE THE TRACK-OUT BY SWEEPING, SHOVELING, OR VACUUMING THESE SURFACES OR BY USING OTHER SIMILARLY EFFECTIVE MEANS OR SEDIMENT REMOVAL. HOSING OR SWEEPING TRACKED-OUT SEDIMENT INTO ANY STORMWATER CONVEYANCE, STORM DRAIN INLET, OR WATER OF THE U.S. IS PROHIBITED.
- (ix). MINIMIZE DUST AREAS. EXPOSED SOILS, MINIMIZE THE GENERATION OF DUST THROUGH THE APPROPRIATE APPLICATION OF WATER OR OTHER DUST SUPPRESSION TECHNIQUES.

B. STABILIZATION PRACTICES

THE STORM WATER POLLUTION PREVENTION PLAN SHALL INCLUDE A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE-SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS SHOULD ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE PRACTICABLE AND THE DISTURBED PORTIONS OF THE SITE ARE STABILIZED. STABILIZATION PRACTICES MAY INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SOD STABILIZATION, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, STAGED OR STAGGERED DEVELOPMENT, AND OTHER APPROPRIATE MEASURES. A RECORD OF THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE INITIATED, SHALL BE INCLUDED IN THE PLAN. STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF STABILIZATION WORK IN AN AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED AS PROVIDED IN PARAGRAPHS (i) AND (ii) BELOW:

- (i). WHERE THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
- (ii). ON AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD CAN BE USED. TEMPORARY STABILIZATION TECHNIQUES AND MATERIALS SHALL BE DESCRIBED IN THE SWPPP.

(iii). STABILIZATION IS NOT REQUIRED FOR EXIT POINTS AT LINEAR UTILITY CONSTRUCTION SITES THAT ARE ONLY EPISODICALLY AND FOR VERY SHORT DURATIONS OVER THE LIFE OF THE PROJECT, PROVIDED OTHER EXIT POINT CONTROLS ARE IMPLEMENTED TO MINIMIZE SEDIMENT TRACK-OUT.

THE FOLLOWING INTERIM AND PERMANENT STABILIZATION PRACTICES, AS A MINIMUM, WILL BE IMPLEMENTED TO STABILIZE THE DISTURBED AREA OF THE SITE:

RIP-RAP
VEGETATIVE STABILIZATION
MULCH
EROSION CONTROL BLANKET-TEMPORARY AND PERMANENT
MINIMIZATION OF SOIL DISTURBANCE

C. STRUCTURAL PRACTICES

A DESCRIPTION OF STRUCTURAL PRACTICES UTILIZED TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SUCH PRACTICES MAY INCLUDE SILT FENCES, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, CHECK DAMS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, ROCK OUTLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. STRUCTURAL PRACTICES SHOULD BE PLACED ON UPLAND SOILS TO THE DEGREE PRACTICABLE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CWA.

THE FOLLOWING DESIGN REQUIREMENTS APPLY TO SEDIMENT BASINS IF SUCH STRUCTURAL PRACTICES WILL BE INSTALLED TO REDUCE SEDIMENT CONCENTRATIONS IN STORM WATER DISCHARGES:

- a. WHEN DISCHARGING FROM THE SEDIMENT BASIN, UTILIZE OUTLET STRUCTURES THAT WITHDRAW WATER FROM THE SURFACE IN ORDER TO MINIMIZE THE DISCHARGE.
- b. PREVENT EROSION OF THE SEDIMENT BASIN USING STABILIZATION CONTROLS (E.G. EROSION CONTROL BLANKETS), AT THE INLET AND OUTLET USING EROSION CONTROLS AND VELOCITY DISSIPATION DEVICES.
- c. SEDIMENT BASINS SHALL BE DESIGNED TO FACILITATE MAINTENANCE, INCLUDING SEDIMENT REMOVAL FROM THE BASINS, AS NECESSARY.

THE FOLLOWING REQUIREMENTS APPLY TO PROTECTING STORM DRAIN INLETS:

- a. INSTALL INLET PROTECTION MEASURES THAT REMOVE SEDIMENT FROM DISCHARGES PRIOR TO ENTRY INTO ANY STORM DRAIN INLET THAT CARRIES STORMWATER FLOW FROM THE SITE TO A WATER OF THE U.S., PROVIDED THAT AUTHORITY HAS BEEN GRANTED TO ACCESS THE STORM DRAIN.

- b. CLEAN OR REMOVE AND REPLACE, THE PROTECTION MEASURES AS SEDIMENT ACCUMULATES, THE FILTER BECOMES CLOGGED, AND/OR PERFORMANCE IS COMPROMISED. WHERE THERE IS EVIDENCE OF SEDIMENT ACCUMULATION ADJACENT TO THE INLET PROTECTION MEASURE, REMOVE THE DEPOSITED SEDIMENT BY THE END OF THE SAME BUSINESS DAY IN WHICH IT IS FOUND OR BY THE END OF THE FOLLOWING BUSINESS DAY IF REMOVAL BY THE SAME BUSINESS DAY IS NOT FEASIBLE.

PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED AND MAINTAINED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CWA:

INLET PROTECTORS ON STORM DRAINS
SILT FENCE
SEDIMENT DIKES AND DITCH CHECKS
STABILIZED CONSTRUCTION ENTRANCE

D. USE OF CHEMICAL TREATMENTS

IDENTIFY THE USE OF ALL POLYMER FLOCCULANTS OR TREATMENT CHEMICALS AT THE SITE. DOSAGE OF TREATMENT CHEMICALS SHALL BE IDENTIFIED ALONG WITH ANY INFORMATION FROM ANY MATERIAL SAFETY DATA SHEET. DESCRIBE THE LOCATION OF ALL STORAGE AREAS FOR CHEMICALS. INCLUDE ANY INFORMATION FROM THE MANUFACTURER'S SPECIFICATIONS. TREATMENT CHEMICALS MUST BE STORED IN AREAS WHERE THEY WILL NOT BE EXPOSED TO PRECIPITATION. THE SWPPP MUST DESCRIBE PROCEDURES FOR USE OF TREATMENT CHEMICALS AND STAFF RESPONSIBLE FOR USE/APPLICATION OF TREATMENT CHEMICALS MUST BE TRAINED ON THE ESTABLISHED PROCEDURES.

USE OF POLYMER FLOCCULANTS IS NOT PROPOSED FOR THE SITE UNDER THIS PERMIT.

E. BEST MANAGEMENT PRACTICES FOR IMPAIRED WATERS

FOR ANY SITE WHICH DISCHARGES DIRECTLY TO AN IMPAIRED WATER IDENTIFIED ON THE AGENCY'S WEBSITE FOR 303(d) LISTING FOR SUSPENDED SOLIDS, TURBIDITY, OR SILTATION, THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE DESIGNED FOR A STORM EVENT EQUAL TO OR GREATER THAN A 25-YEAR 24-HOUR RAINFALL EVENT. IF REQUIRED BY FEDERAL REGULATIONS OR THE ILLINOIS URBAN MANUAL, THE STORM WATER POLLUTION PREVENTION PLAN SHALL ADHERE TO MORE RESTRICTIVE DESIGN CRITERIA. PLEASE REFER TO THE AGENCY'S WEBSITE.

F. POLLUTION PREVENTION

THE PERMITTEE SHALL DESIGN, INSTALL, IMPLEMENT, AND MAINTAIN EFFECTIVE POLLUTION PREVENTION MEASURES TO MINIMIZE THE DISCHARGE OF POLLUTANTS. AT A MINIMUM, SUCH MEASURES MUST BE DESIGNED, INSTALLED, IMPLEMENTED AND MAINTAINED TO:

- (i). MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
- (ii). MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE, AND OTHER MATERIALS PRESENT ON THE SITE TO PRECIPITATION AND TO STORM WATER. MINIMIZATION TO EXPOSURE IS NOT REQUIRED FOR ANY PRODUCT OR MATERIALS WHERE THE EXPOSURE TO PRECIPITATION AND TO STORMWATER WILL NOT DISCHARGE TO PUBLIC STREETS, OR WHEN EXPOSURE OF A SPECIFIC MATERIAL OR PRODUCT POSES LITTLE RISK OF STORMWATER CONTAMINATION (SUCH AS FINAL PRODUCTS AND MATERIALS INTENDED FOR OUTDOOR USE).
- (iii). MINIMIZE THE EXPOSURE OF FUEL, OIL HYDRAULIC FLUID AND OTHER PETROLEUM PRODUCTS BY STORING IN COVERED AREAS OR CONTAINMENT AREAS.
- (iv). MINIMIZE THE DISCHARGE OF POLLUTANTS FROM SPILLS AND LEAKS AND IMPLEMENT CHEMICAL SPILL AND LEAK PREVENTION AND RESPONSE PROCEDURES.

G. OTHER CONTROLS

- (i). WASTE DISPOSAL. NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED TO WATERS OF THE UNITED STATES, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- (ii). THE PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.
- (iii). FOR CONSTRUCTION SITES THAT RECEIVE CONCRETE OR ASPHALT FROM OFF-SITE LOCATIONS, THE PLAN MUST IDENTIFY AND INCLUDE APPROPRIATE CONTROLS AND MEASURES TO REDUCE OR ELIMINATE DISCHARGES FROM THESE ACTIVITIES.
- (iv). THE PLAN SHALL INCLUDE SPILL RESPONSE PROCEDURES AND PROVISIONS FOR REPORTING IF THERE ARE RELEASES IN EXCESS OF REPORTABLE QUANTITIES.
- (v). THE PLAN SHALL ENSURE THE REGULATED HAZARDOUS OR TOXIC WASTE MUST BE STORED AND DISPOSED IN ACCORDANCE WITH ANY APPLICABLE STATE AND FEDERAL REGULATIONS.

H. BEST MANAGEMENT PRACTICES FOR POST-CONSTRUCTION STORM WATER MANAGEMENT

DESCRIBE THE MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS

TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. STRUCTURAL MEASURES SHOULD BE PLACED ON UPLAND SOILS TO THE DEGREE ATTAINABLE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CWA. THIS PERMIT ONLY ADDRESSES THE INSTALLATION OF STORM WATER MANAGEMENT MEASURES, AND NOT THE ULTIMATE OPERATION AND MAINTENANCE OF SUCH STRUCTURES AFTER THE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND THE SITE HAS UNDERGONE FINAL STABILIZATION. PERMITTEES ARE RESPONSIBLE FOR ONLY THE INSTALLATION AND MAINTENANCE OF STORM WATER MANAGEMENT MEASURES PRIOR TO FINAL STABILIZATION OF THE SITE AND ARE NOT RESPONSIBLE FOR MAINTENANCE AFTER STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY HAVE BEEN ELIMINATED FROM THE SITE.

(i). WHILE NOT MANDATORY, IT IS ADVISABLE THAT THE PERMITTEE CONSIDER INCLUDING IN ITS STORM WATER POLLUTION PREVENTION PLAN AND DESIGN AND CONSTRUCTION PLANS METHODS OF POST-CONSTRUCTION STORM WATER MANAGEMENT TO RETAIN THE GREATEST AMOUNT OF POST-DEVELOPMENT STORM WATER RUNOFF PRACTICABLE, GIVEN THE SITE AND PROJECT CONSTRAINTS. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: STORM WATER DETENTION STRUCTURES (INCLUDING WET PONDS); STORM WATER RETENTION STRUCTURES; FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS; INFILTRATION OF RUNOFF ONSITE; AND SEQUENTIAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES). TECHNICAL INFORMATION ON MANY POST-CONSTRUCTION STORM WATER MANAGEMENT PRACTICES IS INCLUDED IN THE ILLINOIS URBAN MANUAL (2017). THE STORM WATER POLLUTION PREVENTION PLAN SHALL INCLUDE AN EXPLANATION OF THE TECHNICAL BASIS USED TO SELECT THE PRACTICES TO CONTROL POLLUTION WHERE POST-CONSTRUCTION FLOWS WILL EXCEED PREDEVELOPMENT LEVELS.

(ii). VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G. MAINTENANCE OF HYDROLOGIC CONDITIONS SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

(iii). UNLESS OTHERWISE SPECIFIED IN THE ILLINOIS URBAN MANUAL (2017), THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE DESIGNED FOR A STORM EVENT EQUAL TO OR GREATER THAN A 25-YEAR 24-HOUR RAINFALL EVENT.

PROVIDED BELOW IS A DESCRIPTION OF POST-CONSTRUCTION BEST MANAGEMENT PRACTICES (INCLUDING STORMWATER MANAGEMENT) THAT WILL BE IMPLEMENTED DURING CONSTRUCTION TO CONTROL POLLUTANTS IN STORMWATER DISCHARGE:

STORMWATER MANAGEMENT FACILITY(IES) TO ATTENUATE RUNOFF
WETLAND AND NATIVE VEGETATION TO PROMOTE FILTRATION AND INFILTRATION OF RUNOFF
OPEN VEGETATED SWALES
LANDSCAPED BUFFERS
USE OF CATCH BASINS FOR SEDIMENT REMOVAL

I. APPROVED STATE OR LOCAL PLANS

(i). THE MANAGEMENT PRACTICES, CONTROLS AND OTHER PROVISIONS CONTAINED IN THE STORM WATER POLLUTION PREVENTION PLAN MUST BE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS URBAN MANUAL (2017). CONSTRUCTION ACTIVITIES WHICH DISCHARGE STORM WATER MUST INCLUDE THE STORM WATER POLLUTION PREVENTION PLAN PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION CONTROL PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION CONTROL PLANS OR SITE PERMITS OR STORM WATER MANAGEMENT SITE PLANS OR SITE PERMITS APPLICABLE TO DISCHARGE TO PUBLIC STREETS ARE APPLICABLE TO PRETECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI TO BE AUTHORIZED TO DISCHARGE UNDER THIS PERMIT, INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT. THE PLANS SHALL INCLUDE ALL REQUIREMENTS OF THIS PERMIT AND INCLUDE MORE STRINGENT STANDARDS REQUIRED BY AN LOCAL APPROVAL. THIS PROVISION DOES NOT APPLY TO PROVISIONS OF MASTER PLANS, COMPREHENSIVE PLANS, NON-ENFORCEABLE GUIDELINES OR TECHNICALGUIDANCE DOCUMENTS THAT ARE NOT IDENTIFIED IN A SPECIFIC PLAN OR PERMIT THAT IS ISSUED FOR THE CONSTRUCTION SITE. (ii). DISCHARGERS SEEKING ALTERNATIVE PERMIT REQUIREMENTS ARE NOT AUTHORIZED BY THIS PERMIT AND SHALL SUBMIT AN INDIVIDUAL PERMIT APPLICATION IN ACCORDANCE WITH 40 CFR 122.26 AT THE ADDRESS INDICATED IN PART I.D (WHERE TO SUBMIT) OF THIS PERMIT. ALONG WITH A DESCRIPTION OF ANY REQUIREMENT IN APPROVED LOCAL PLANS OR PERMITS SHOULD NOT BE APPLICABLE AS A CONDITION OF AN NPDES PERMIT.

J. NATURAL BUFFERS

FOR ANY STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES WITHIN 50 FEET OF WATER OF THE UNITED STATES, EXCEPT FOR ACTIVITIES FOR WATER-DEPENDENT STRUCTURES AUTHORIZED BY A SECTION 404 PERMIT, THE PERMITTEE SHALL:

- (i). PROVIDE A 50-FOOT UNDISTURBED NATURAL BUFFER BETWEEN THE CONSTRUCTION ACTIVITY AND THE WATERS OF THE UNITED STATES; OR
- (ii). PROVIDE ADDITIONAL EROSION AND SEDIMENT CONTROLS WITH THAT AREA.

3. MAINTENANCE

- a. THE PLAN SHALL INCLUDE A DESCRIPTION OF PROCEDURES TO MAINTAIN IN GOOD AND EFFECTIVE OPERATING CONDITIONS, ALL EROSION AND SEDIMENT CONTROL MEASURES AND OTHER BEST MANAGEMENT PRACTICES, INCLUDING VEGETATION AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THE STORM WATER POLLUTION PREVENTION PLAN. WHERE A BASIN HAS BEEN INSTALLED TO CONTROL SEDIMENT DURING CONSTRUCTION ACTIVITIES, THE PERMITTEES SHALL KEEP THE BASIN(S) IN EFFECTIVE OPERATING CONDITION AND REMOVE ACCUMULATED SEDIMENT AS NECESSARY. SEDIMENT SHALL BE REMOVED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL (2017) OR MORE FREQUENTLY. MAINTENANCE OF ANY SEDIMENT BASIN SHALL INCLUDE A POST CONSTRUCTION CLEAN OUT OF ACCUMULATED SEDIMENT IF THE BASIN IS TO REMAIN IN PLACE.
- b. OTHER EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE MAINTAINED AND CLEANED AS NECESSARY TO KEEP STRUCTURE(S) IN EFFECTIVE OPERATING CONDITION, INCLUDING REMOVAL OF EXCESS SEDIMENT AS NECESSARY.

FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN IN GOOD AND EFFECTIVE OPERATING CONDITION, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN:

- A. STABILIZED CONSTRUCTION ENTRANCE: THE ENTRANCES(S) SHALL BE MAINTAINED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC STREETS. ANY SEDIMENT TRACKED ONTO A STREET SHALL BE REMOVED IMMEDIATELY.
- B. VEGETATIVE EROSION CONTROL MEASURES: THE VEGETATIVE GROWTH OF TEMPORARY AND PERMANENT SEEDING, SODDING, VEGETATIVE CHANNELS, VEGETATIVE FILTERS, ETC. SHALL BE MAINTAINED PERIODICALLY AND SUPPLY ADEQUATE WATERING AND FERTILIZER TO MAINTAIN A HEALTHY STAGE OF VEGETATION. THE VEGETATIVE COVER SHALL BE REMOVED AND REESTABLISHED AS NECESSARY.
- C. SILT FILTER FENCE: SILT FENCE SHALL BE MAINTAINED IN GOOD CONDITION. DAMAGED SILT FILTER FENCE SHALL BE REPAIRED OR REPLACED TO MEET THE STANDARDS INCLUDED HEREIN.
- D. SILT DIKES AND DITCH CHECKS: THESE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING CONDITION THROUGHOUT CONSTRUCTION. INSPECT FREQUENTLY TO VERIFY THAT THE TEMPORARY MEASURE IS SECURED TO THE GROUND AND REMOVE SEDIMENT ACCUMULATION TO MAINTAIN PROPER FUNCTION.
- E. INLET PROTECTORS: INLET PROTECTORS (SILT FENCE OR SILT BASKET) SHALL BE INSPECTED FREQUENTLY AND SEDIMENT ACCUMULATION SHALL BE REMOVED TO MAINTAIN PROPER FUNCTION. DAMAGED SILT FENCE OR FILTER FABRIC SHALL BE REPLACED AS NECESSARY.

4. INSPECTIONS

QUALIFIED PERSONNEL (PROVIDED BY THE PERMITTEE) SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A

STORM OR BY THE END OF THE FOLLOWING BUSINESS OR WORK DAY THAT IS 0.50 INCHES OR GREATER. QUALIFIED PERSONNEL MEANS A PERSON KNOWLEDGEABLE IN THE PRINCIPLES AND PRACTICES OF EROSION AND SEDIMENT CONTROL MEASURES, SUCH AS A LICENSED PROFESSIONAL ENGINEER (P.E.), A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC), A CERTIFIED EROSION SEDIMENT AND STORM WATER INSPECTOR (CSE), A CERTIFIED STORMWATER INSPECTOR (CSI), OR THE KNOWLEDGEABLE PERSON WHO POSSESSES THE SKILLS TO ASSESS CONDITIONS AT THE CONSTRUCTION SITE THAT COULD IMPACT STORM WATER QUALITY AND TO ASSESS THE EFFECTIVENESS OF ANY SEDIMENT AND EROSION CONTROL MEASURES SELECTED TO CONTROL THE QUALITY OF STORM WATER DISCHARGES FROM THE CONSTRUCTION ACTIVITIES. AREAS INACCESSIBLE DURING INSPECTIONS DUE TO FLOODING OR OTHER UNSAFE CONDITIONS SHALL BE INSPECTED WITHIN 72 HOURS OF BECOMING ACCESSIBLE.

- a. INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS (WHEN GROUND AND/OR AIR TEMPERATURES ARE AT OR BELOW 32 DEGREES FAHRENHEIT). WEEKLY INSPECTIONS WILL RECOMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, OR IF THERE IS A 0.50 INCHES OR GREATER RAIN EVENT, OR A DISCHARGE DUE TO SNOWMELT OCCURS.
- b. DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION AND ALL AREAS WHERE STORMWATER TYPICALLY FLOWS WITHIN THE SITE SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. ALL LOCATIONS WHERE STABILIZATION MEASURES HAVE BEEN IMPLEMENTED SHALL BE OBSERVED TO ENSURE THAT THEY ARE STILL STABILIZED. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.
- c. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN THE STORM WATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH PART I.V.1 (SITE DESCRIPTION) OF THIS PERMIT AND THE POLLUTION PREVENTION CONTROL MEASURES IDENTIFIED IN THE PLAN IN ACCORDANCE WITH PART I.V.D.2 (CONTROLS) OF THIS PERMIT SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION TO MINIMIZE THE POTENTIAL FOR SUCH DISCHARGES. SUCH MODIFICATIONS SHALL PROVIDE FOR TIMELY IMPLEMENTATION OF ANY CHANGES TO THE PLAN AND POLLUTION PREVENTION CONTROL MEASURES WITHIN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.
- d. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PARAGRAPH B ABOVE SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATED THAT THE PERMIT COVERAGE EXPIRES OR IS TERMINATED. ALL INSPECTION REPORTS SHALL BE RETAINED AT THE CONSTRUCTION SITE. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G. (SIGNATORY REQUIREMENTS) OF THIS PERMIT. ANY FLOODING OR OTHER UNSAFE CONDITIONS THAT DELAY INSPECTIONS SHALL BE DOCUMENTED IN THE INSPECTION REPORT.
- e. THE PERMITTEE SHALL NOTIFY THE APPROPRIATE AGENCY FIELD OPERATIONS SECTION OFFICE BY EMAIL AT: EPA.SWNONCOMPL@ILLINOIS.GOV, TELEPHONE OR FAX (SEE ATTACHMENT A) WITHIN 24 HOURS OF ANY INCIDENCE OF NONCOMPLIANCE OF THE STORM WATER POLLUTION PREVENTION PLAN OBSERVED DURING ANY INSPECTION CONDUCTED, OR FOR VIOLATIONS OF ANY CONDITION OF THIS PERMIT. THE PERMITTEE SHALL COMPLETE AND SUBMIT WITHIN 5 DAYS AN "IDENTIFICATION OF NONCOMPLIANCE" (ION) REPORT FOR ANY VIOLATION OF THE STORM WATER POLLUTION PREVENTION PLAN OBSERVED DURING ANY INSPECTION CONDUCTED, OR FOR VIOLATIONS OF ANY CONDITION OF THIS PERMIT. SUBMISSION SHALL BE ON FORMS PROVIDED BY THE AGENCY AND INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANOTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. CORRECTIVE ACTIONS MUST BE UNDERTAKEN IMMEDIATELY TO ADDRESS THE IDENTIFIED NON-COMPLIANCE ISSUE(S).
- f. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY AS DEFINED IN PART V.G (SIGNATORY REQUIREMENTS).
- g. AFTER THE INITIAL CONTACT HAS BEEN MADE WITH THE APPROPRIATE AGENCY FIELD OPERATIONS SECTION OFFICE, EVIDENCE OF NONCOMPLIANCE SHALL BE MAILED TO THE AGENCY AT THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
CONSTRUCTION ASSURANCE SECTION
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

5. CORRECTIVE ACTIONS

CORRECTIVE ACTIONS MUST BE IMPLEMENTED TO ADDRESS ANY OF THE FOLLOWING CONDITIONS IDENTIFIED AT THE SITE:

- a. A STORMWATER CONTROL NEEDS REPAIR OR REPLACEMENT; OR
- b. A STORMWATER CONTROL NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT WAS NEVER INSTALLED, OR WAS INSTALLED INCORRECTLY; OR
- c. DISCHARGE IS CAUSING AN EXCEEDANCE OF APPLICABLE WATER QUALITY STANDARDS; OR
- d. A PROHIBITED DISCHARGE HAS OCCURRED.

CORRECTIVE ACTIONS SHALL BE COMPLETED AS SOON AS POSSIBLE AND DOCUMENTED WITHIN 7 DAYS IN AN INSPECTION REPORT OF NONCOMPLIANCE. IF IT IS INFEASIBLE TO COMPLETE THE INSTALLATION OR REPAIR WITHIN 7 CALENDAR DAYS, DOCUMENTATION SHALL BE PROVIDED AS TO WHY IT IS INFEASIBLE TO COMPLETE THE INSTALLATION OR REPAIR WITH THE 7 DAY TIMEFRAME, AND DOCUMENT THE SCHEDULE FOR INSTALLING THE STORMWATER CONTROL(S) AND MAKING IT OPERATIONAL AS SOON AS FEASIBLE AFTER THE 7 DAY TIMEFRAME.

6. NON-STORM WATER DISCHARGES

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER LISTED IN PART III.A.2. OF THIS PERMIT THAT ARE COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY MUST BE IDENTIFIED IN THE PLAN. THE PLAN SHALL IDENTIFY AND ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

SOURCES OF NON-STORM WATER DISCHARGE THAT MAY BE AUTHORIZED BY THIS PERMIT ARE: DISCHARGES FROM FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, WATERS USED TO WASH VEHICLES WHERE DETERGENTS ARE NOT USED, WATERS USED TO CONTROL DUST, POTABLE WATER SOURCES INCLUDING UNCONTAMINATED WATERLINE FLUSHINGS, LANDSCAPE IRRIGATION DRAINAGES, ROUTINE EXTERNAL BUILDING WASHDOWN WHICH DOES NOT USE DETERGENTS, PAVEMENT WASH WATERS WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS ALL SPILLED MATERIAL HAS BEEN REMOVED) AND WHERE DETERGENTS ARE NOT USED, UNCONTAMINATED AIR CONDITIONING CONDENSATE, UNCONTAMINATED SPRING WATER, UNCONTAMINATED GROUND WATER, AND FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS.

THE POLLUTION PREVENTION MEASURES AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR NON-STORM WATER COMPONENTS OF THE DISCHARGE:

FIRE HYDRANT AND WATERMAIN SHALL NOT BE FLUSHED DIRECTLY ON THE EXPOSED AREA OR SUBGRADE OF THE PAVEMENT. HOSE SHALL BE USED TO DIRECT THE FLOW ONTO PAVEMENT OR INTO THE STORM SEWER SYSTEM, IF AVAILABLE.

ANY SOIL EROSION DUE TO IRRIGATION OF SEEDING AND DUST CONTROL WATERING SHALL BE COLLECTED AND RE-SPREAD ON-SITE. TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES SHALL BE IMPLEMENTED AS NECESSARY TO CONTROL FUTURE EROSION FROM AREAS PREVIOUSLY ERODED DUE TO IRRIGATION OF SEEDING AND DUST CONTROL.

ALL SITE DE-WATERING, INCLUDING PUMP DISCHARGE, MUST BE FILTERED USING A

PROPER SEDIMENTATION CONTROL MEASURE(S) PRIOR TO DISCHARGE FROM THE SITE.

7. PLAN REVIEW AND NOTIFICATION

THE PERMITTEE SHALL MAKE PLANS AVAILABLE UPON REQUEST FROM THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (AGENCY) OR A LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, GRADING PLANS, OR STORM WATER MANAGEMENT PLANS; OR IN THE CASE OF A STORM WATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY WHICH DISCHARGES THROUGH A MUNICIPAL SEPARATE STORM SEWER SYSTEM.

THE AGENCY MAY NOTIFY THE PERMITTEE AT ANY TIME THAT THE PLAN DOES NOT MEET ONE OR MORE OF THE MINIMUM REQUIREMENTS OF THIS PART. SUCH NOTIFICATION SHALL IDENTIFY THOSE PROVISIONS OF THE PERMIT WHICH ARE NOT BEING MET BY THE PLAN AND IDENTIFY WHICH PROVISIONS OF THE PLAN REQUIRE MODIFICATIONS IN ORDER TO MEET THE MINIMUM REQUIREMENTS OF THIS PART. WITHIN 7 DAYS FROM RECEIPT OF NOTIFICATION FROM THE AGENCY, THE PERMITTEE SHALL MAKE THE REQUIRED CHANGES TO THE PLAN AND SHALL SUBMIT TO THE AGENCY A WRITTEN CERTIFICATION THAT THE REQUESTED CHANGES HAVE BEEN MADE. FAILURE TO COMPLY SHALL TERMINATE AUTHORIZATION UNDER THIS PERMIT.

A COPY OF THIS LETTER OF NOTIFICATION OF COVERAGE ALONG WITH THE GENERAL NPDES PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES OR OTHER INDICATION THAT STORM WATER DISCHARGES FORM THE SITE ARE COVERED UNDER AN NPDES PERMIT SHALL BE POSTED AT THE SITE IN A PROMINENT PLACE FOR PUBLIC VIEWING (SUCH AS ALONGSIDE A BUILDING PERMIT).

8. KEEPING THE PLANS CURRENT

THE PERMITTEE SHALL AMEND THE PLAN WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION OR MAINTENANCE, WHICH HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS TO WATERS OF THE UNITED STATES AND WHICH HAS NOT OTHERWISE BEEN ADDRESSED IN THE PLAN OR IF THE STORM WATER POLLUTION PREVENTION PLAN PROVES TO BE INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS FROM SOURCES IDENTIFIED IN THE PLAN, OR IN OTHERWISE ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION SITE ACTIVITY. IN ADDITION, THE PLAN SHALL BE AMENDED TO IDENTIFY ANY NEW CONTRACTOR AND/OR SUBCONTRACTOR THAT WILL IMPLEMENT A MEASURE OF THE STORM WATER POLLUTION PREVENTION PLAN. AMENDMENTS TO THE PLAN MAY BE REVIEWED BY THE AGENCY IN THE SAME MANNER AS PART I.V.B ABOVE. THE SWPPP AND SITE MAP MUST BE CHANGED WITHIN 7 DAYS FROM ANY CHANGES TO CONSTRUCTION PLANS, STORMWATER CONTROLS OR OTHER ACTIVITIES AT THE SITE THAT ARE NO LONGER ACCURATELY REFLECTED IN THE SWPPP. ANY REVISIONS OF THE DOCUMENTS FOR THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE KEPT ON SITE AT ALL TIMES.

9. RETENTION OF RECORDS

THE PERMITTEE SHALL RETAIN COPIES OF STORM WATER POLLUTION PREVENTION PLANS AND ALL REPORTS AND NOTICES REQUIRED BY THIS PERMIT, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND THE AGENCY NOTICE OF PERMIT COVERAGE LETTER FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE PERMIT COVERAGE EXPIRES OR IS TERMINATED. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE AGENCY AT ANY TIME.

THE PERMITTEE SHALL RETAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND ANY REVISIONS TO SAID PLAN REQUIRED BY THE PERMIT AT THE CONSTRUCTION SITE FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION. ANY MANUALS OR OTHER DOCUMENTS REFERENCED IN THE SWPPP SHALL ALSO BE RETAINED AT THE CONSTRUCTION SITE.

10. CONTRACTORS

THIS PLAN REQUIRES IDENTIFICATION FOR EACH MEASURE IN THE PLAN, THE CONTRACTOR(S) OR SUBCONTRACTOR(S) THAT WILL IMPLEMENT THE IDENTIFIED MEASURE:

CONTRACTOR(S): _____

ADDRESS: _____

PHONE: _____

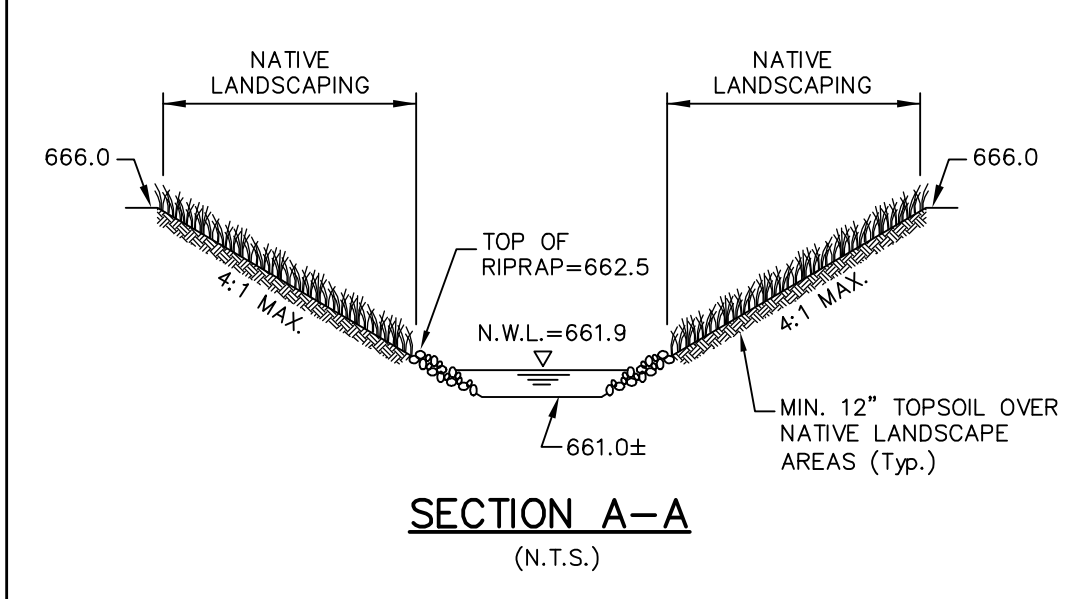
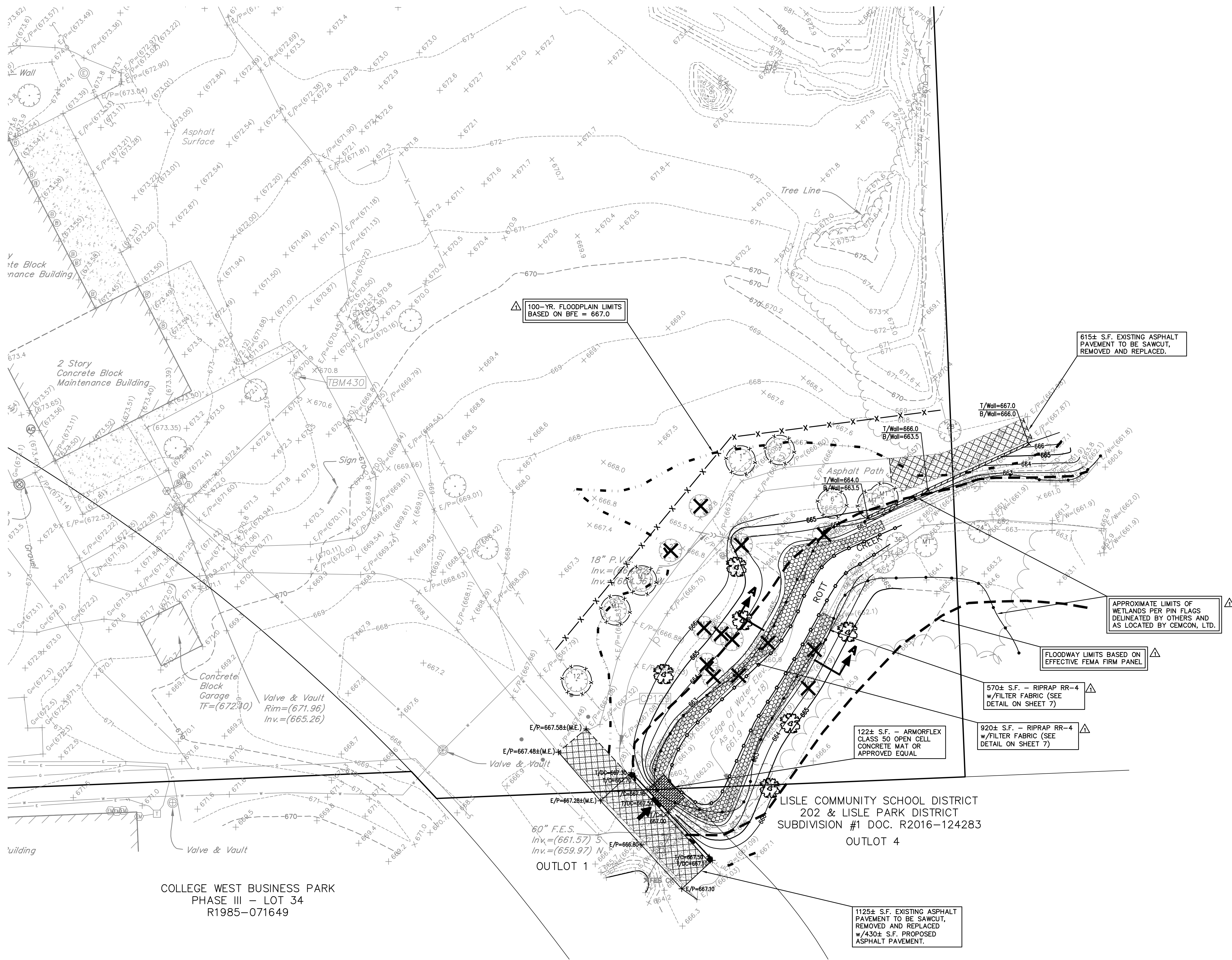
MEASURES IMPLEMENTED: _____

SUB-CONTRACTOR(S): _____

ADDRESS: _____

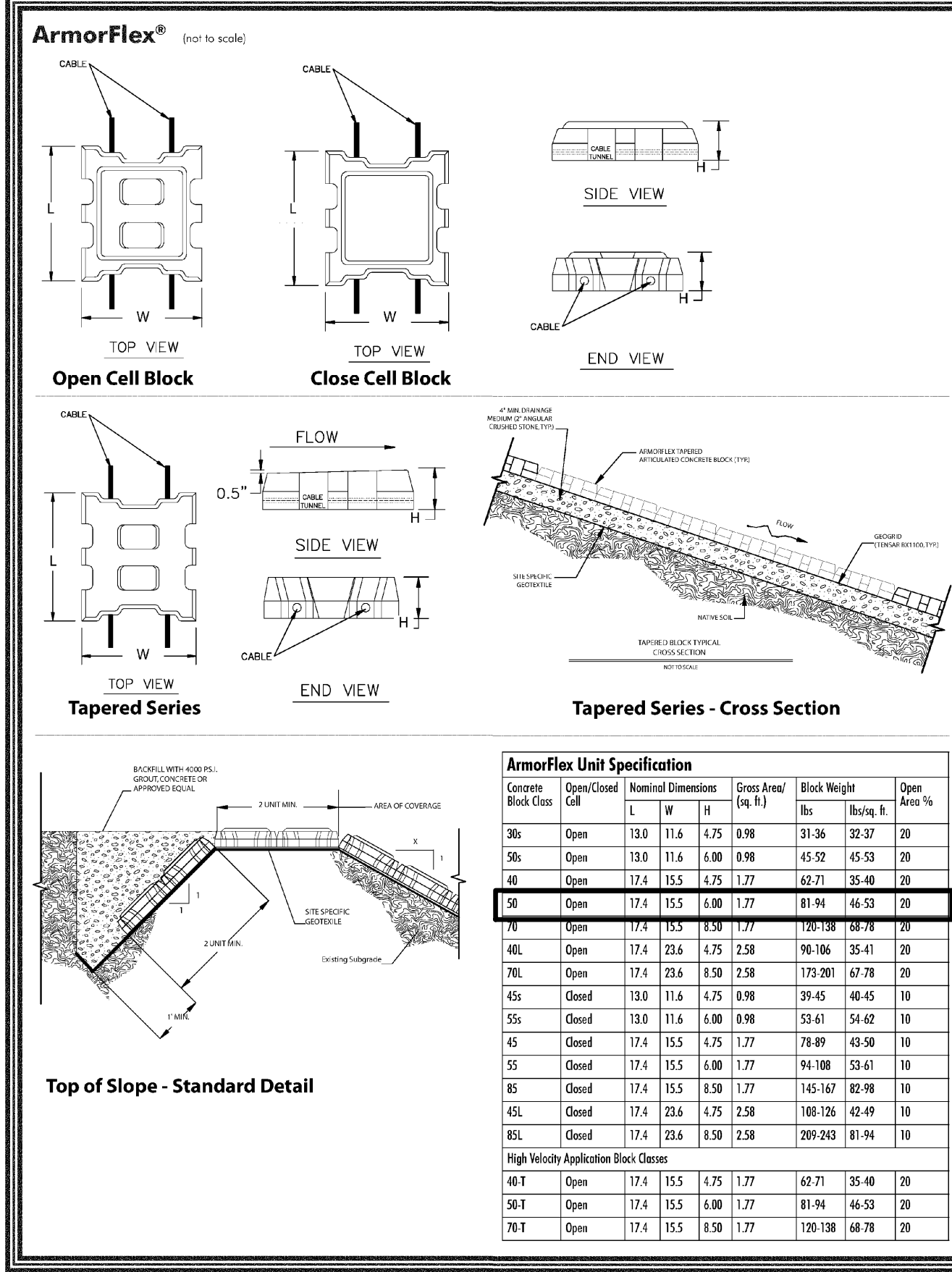
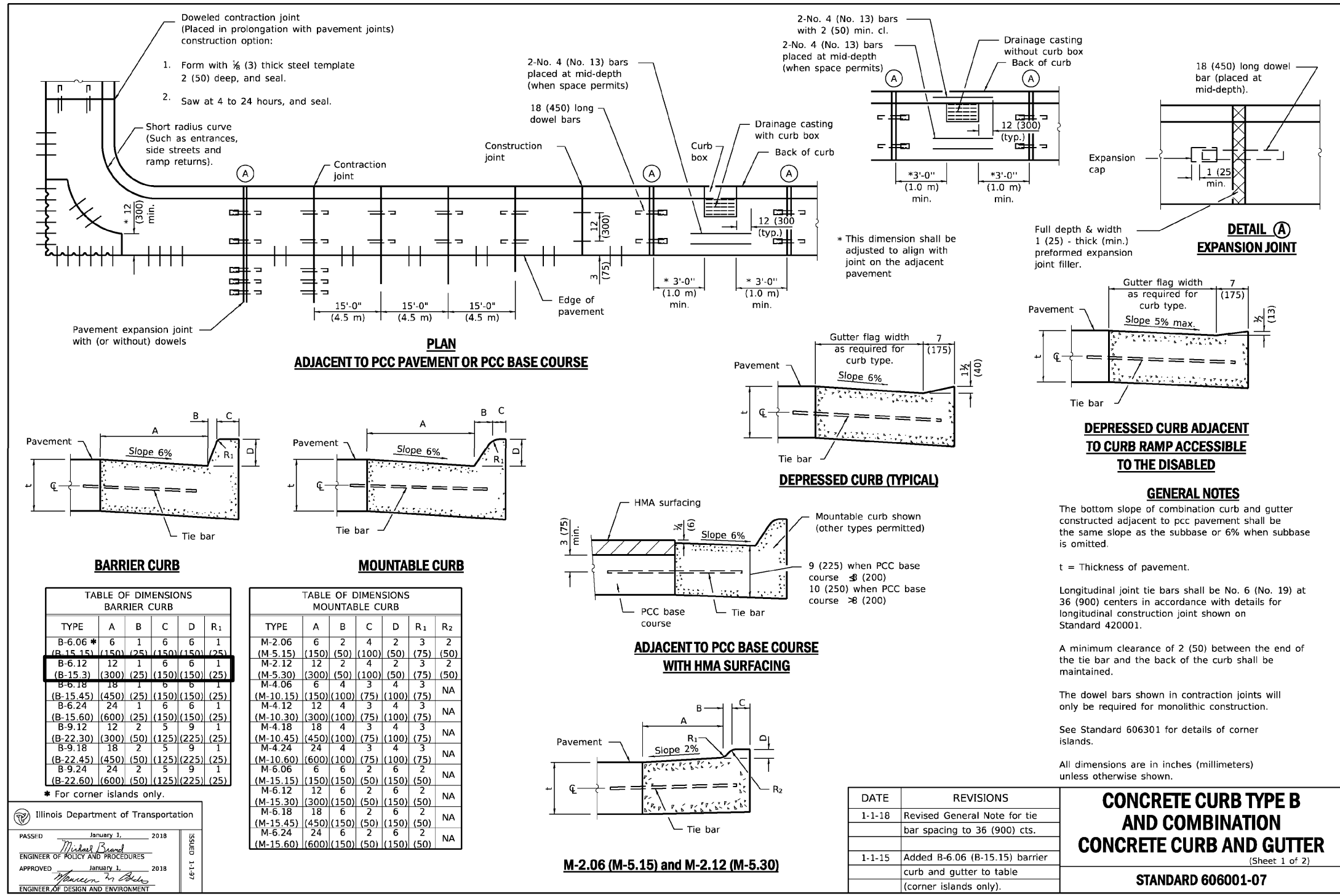
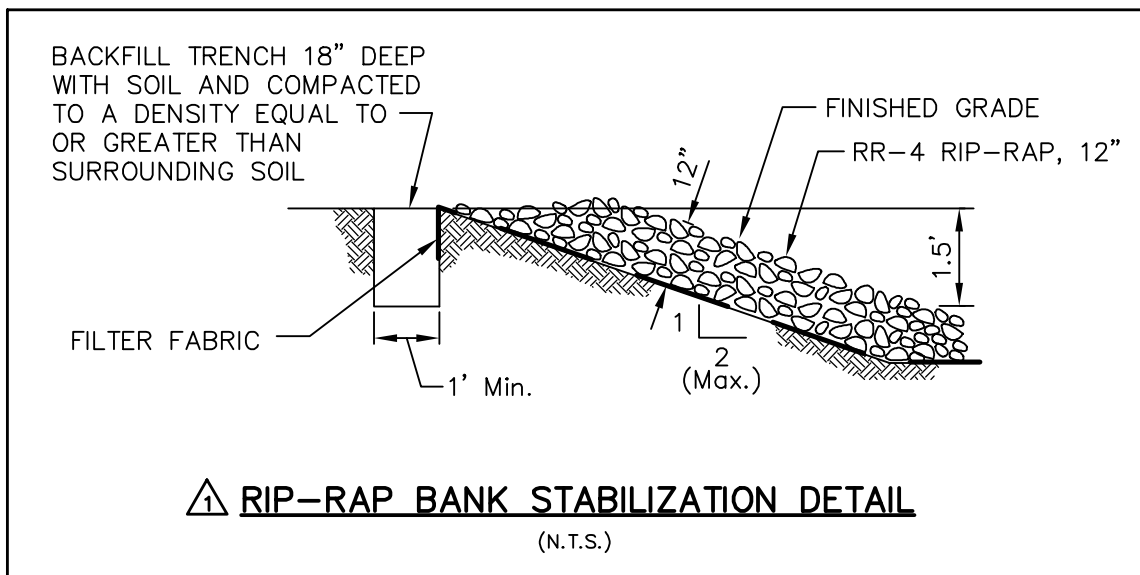
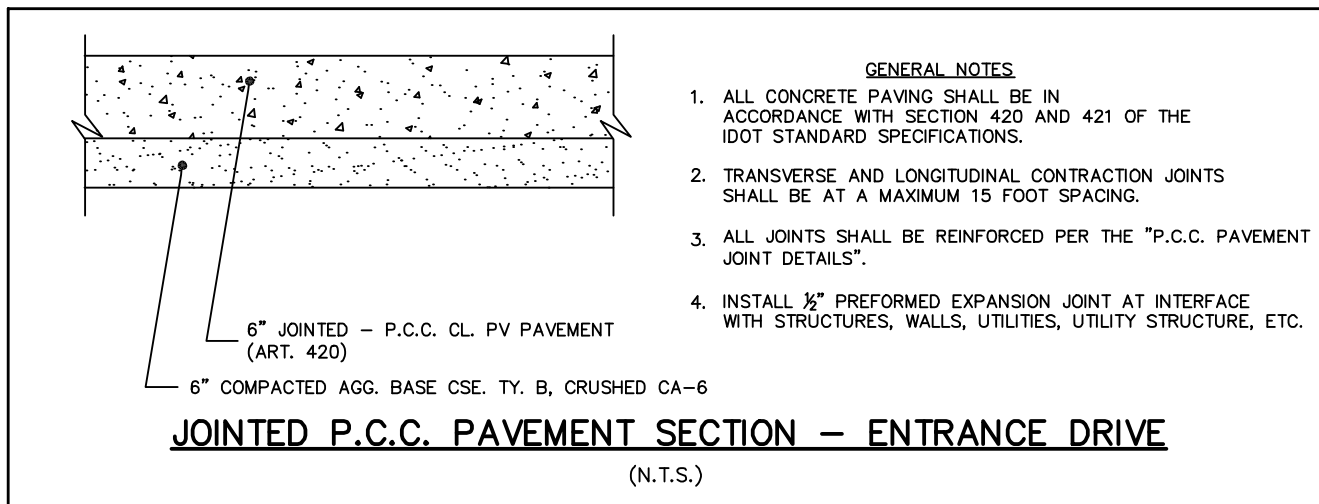
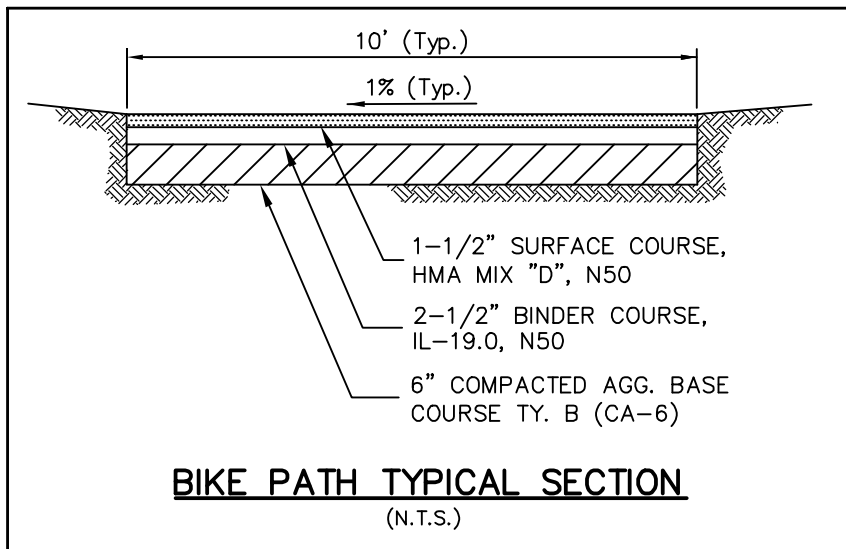
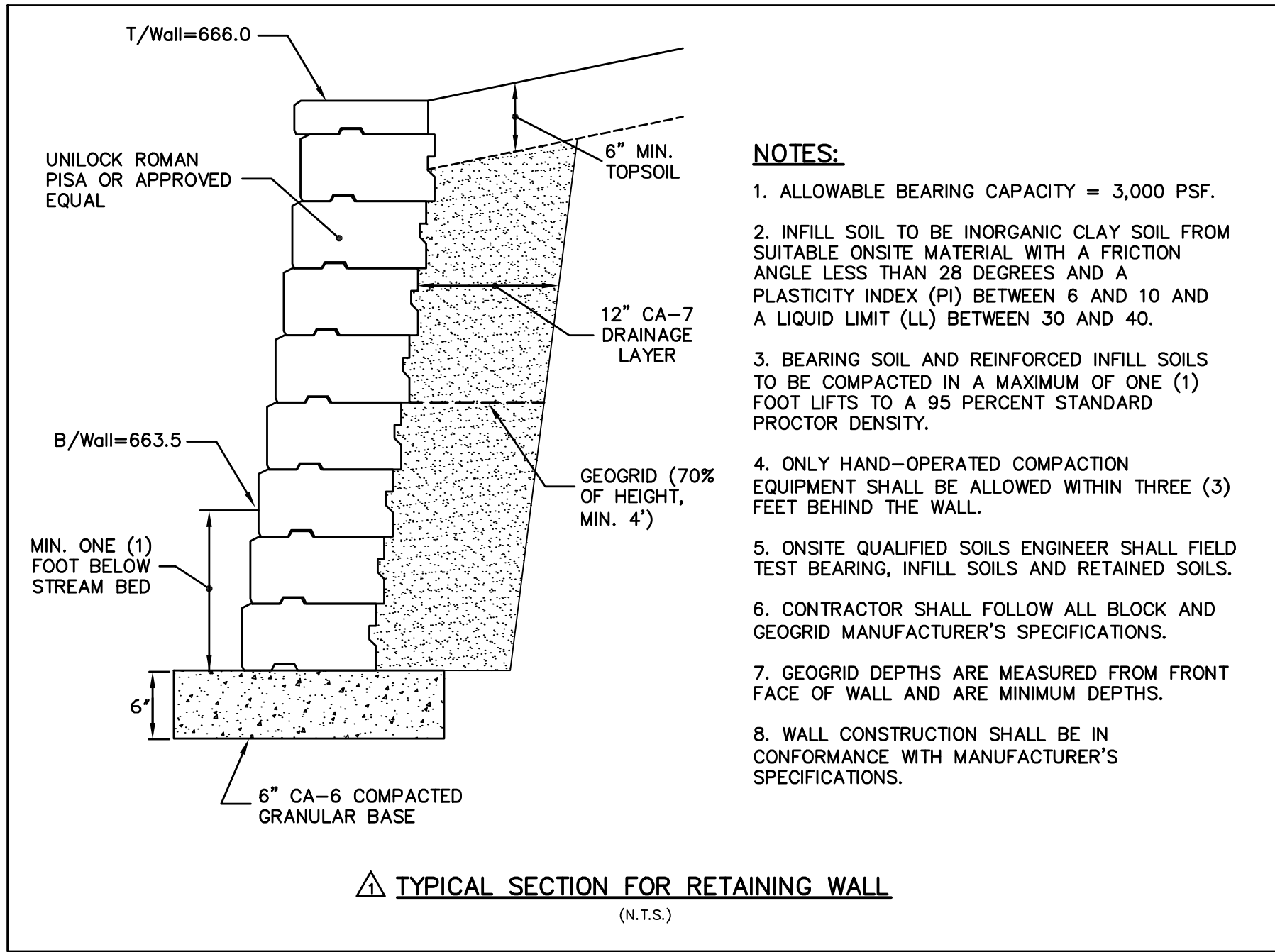
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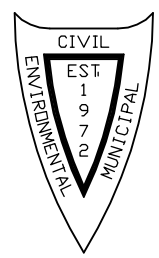


REVISIONS		
PREPARED FOR:		
LISLE PARK DISTRICT		
1925 OHIO COURT		
LISLE, ILLINOIS 60532		
(630) 964-3410		
PREPARED BY:		
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Consulting Engineers, Land Surveyors & Planners		
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Aurora, Illinois 60502-9675		
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E-Mail: cadd@cemcon.com Website: www.cemcon.com		
DRAINAGE AND GRADING PLAN		
ROTT CREEK BANK STABILIZATION		
JOB NO.: 753.010	DATE: 05-08-19	SHEET NO. 6 of 7
DSGN. BY: MAM	DRN. BY: JGC	
FILE NAME: CRK GRADE	FLD. BK./PG.: ---	
DIR: 753010	SCALE: 1" = 20'	

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REVISIONS					
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	08-30-19/JGC	REVISED PER DUPAGE COUNTY REVIEW LETTER DATED 06-20-19			

CONSTRUCTION DETAILS				
ROTT CREEK BANK STABILIZATION				
FILE NAME: CRK DETAILS	DSGN. BY: MAM	JOB NO.: 753.010	F.L.D. BK./PG.: ---	SHEET NO. 7 of 7
DIR: 753010	DRN. BY: JGC	DATE: 05-08-19	SCALE: 1" = N.T.S.	

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