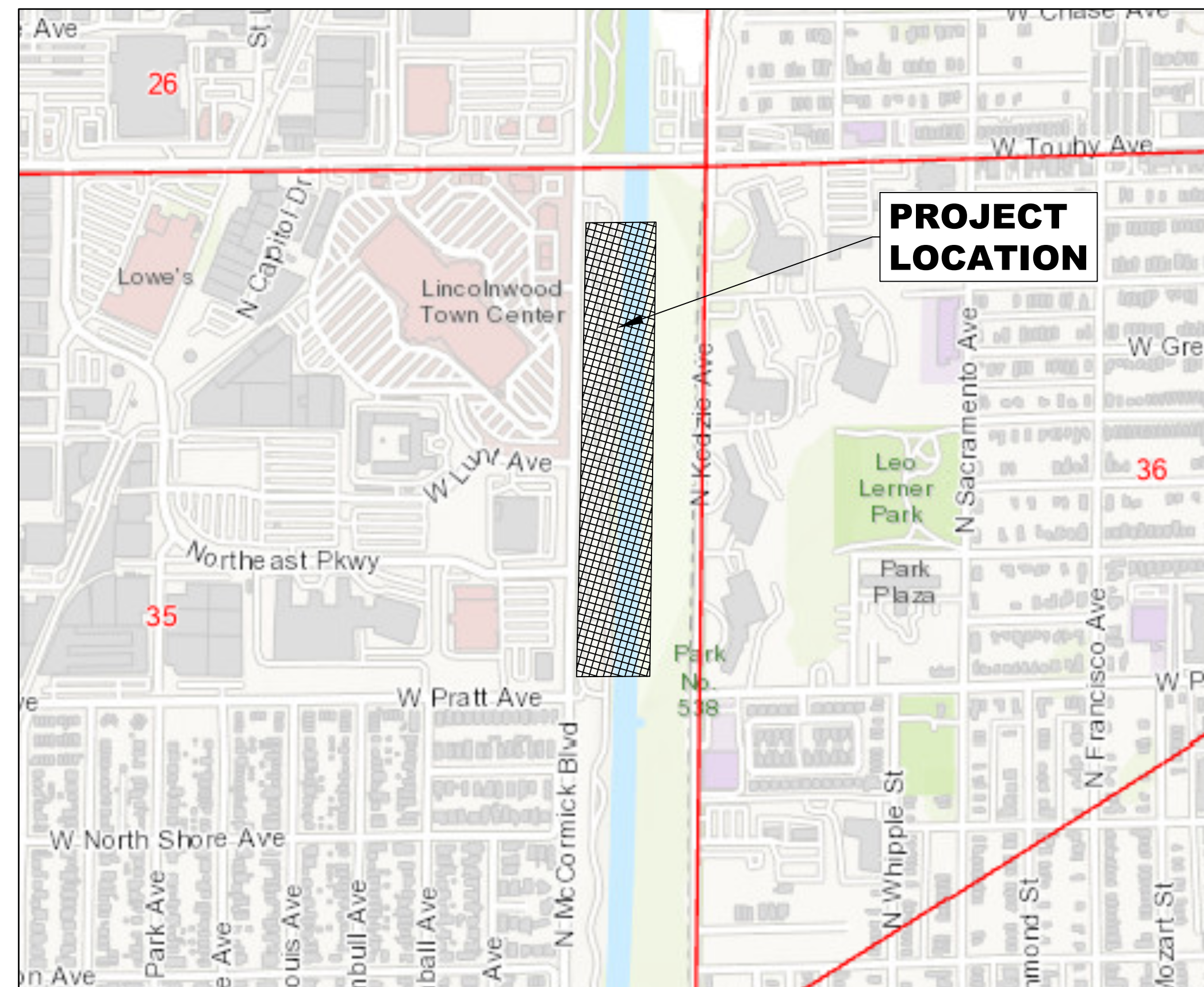


NORTH SHORE CHANNEL SHORELINE STABILIZATION

6801 N MCCORMICK BLVD
LINCOLNWOOD, IL 60712
JOB NO. W25143.00

INDEX TO DRAWINGS

SHEET #	SHEET TITLE
C-1.0	COVER
C-2.0	QUANTITIES
C-2.1	STAGING PLAN
C-3.0 : C-3.2	EXISTING CONDITIONS & DEMOLITION PLAN
C-4.0 : C-4.2	SITE LAYOUT & GEOMETRY PLAN
C-5.0 : C-5.2	CROSS SECTIONS
C-6.0 : C-6.4	EROSION CONTROL PLAN, SWPPP & DETAILS
C-7.0 : C-7.2	PLANTING PLAN
C-8.0	CONSTRUCTION DETAILS



COUNTY: COOK
TOWNSHIP: 41N
RANGE: 13E
SECTION: 35

LOCATION MAP

ZONING - PUBLIC OPEN SPACE

PREPARED FOR:
VILLAGE OF LINCOLNWOOD
7001 NORTH LAWNSDALE AVE
LINCOLNWOOD, IL 60712
(847)675-0888

SITE BENCHMARK #1:
SET BENCH TIE ON WEST FACE OF POWER POLE
LOCATED ON THE EAST SIDE OF ASPHALT TRAIL
APPROXIMATELY 140 FEET EAST OF THE
INTERSECTION OF MCCORMICK BOULEVARD AND
NORTHEAST PARKWAY.
ELEV: 598.59 (NAVD 88)

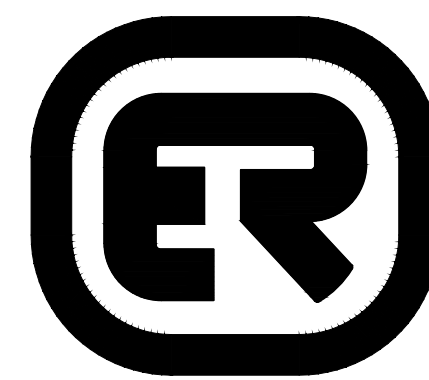
SITE BENCHMARK #2:
CUT CROSS ON CONCRETE BASE OF LIGHT POLE ON
THE NORTH SIDE OF PUBLIC PARKING SIGN AT THE
PARKING LOT ENTRANCE EAST OF MCCORMICK
BOULEVARD.
ELEV: 597.41 (NAVD 88)

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PHONE (630) 393-3060
FAX (630) 393-2152

10 S. RIVERSIDE PLAZA, SUITE 875
CHICAGO, ILLINOIS 60606
PHONE (312) 474-7841
FAX (312) 474-6099

TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE DRAINAGE OF THE SURFACE WATERS WILL NOT BE CHANGED BY THE CONSTRUCTION OF THESE LOT IMPROVEMENTS OR ANY PART THEREOF, OR THAT IF SUCH WATER DRAINAGE WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR THE COLLECTION AND DIVERSION OF SUCH WATERS INTO PUBLIC AREAS OR DRAINS WHICH THE OWNER HAS A RIGHT TO USE, AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES, SO THAT THE DEVELOPMENT SHALL NOT ADVERSELY INCREASE FLOOD ELEVATIONS OR DECREASE FLOOD CONVEYANCE CAPACITY UPSTREAM OR DOWNSTREAM OF THE PROJECT AREA.

Engineer: _____
Seal: _____



Marty J. Michalisko, P.E.
IL. P.E. NO. 062-058762
Expires: November 30, 2027

PROFESSIONAL DESIGN FIRM NUMBER: 184.001186

ENGINEERING
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VILLAGE OF LINCOLNWOOD
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LINCOLNWOOD, IL 60712
(224) 251-0821

NORTH SHORE
CHANNEL SHORELINE
STABILIZATION
6801 N MCCORMICK BLVD, LINCOLNWOOD, IL 60712

DATE	: 04-01-2026
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DRAWN BY	: AEC
CHECKED BY	: EP

COVER	
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C-1.0
SHEET

H:\Lincolnwood\W25143.00 North Shore Channel Shoreline Stabilization\CADD\1\SHEET\W25143.00 C-1.0 Cover.dwg

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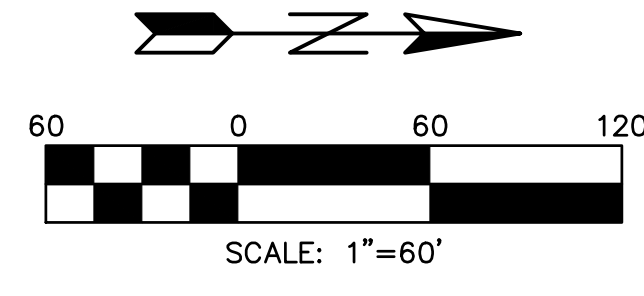
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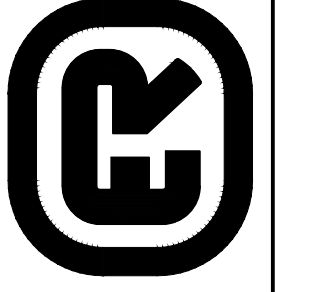
No.	Items	Unit	Qty.
SITE PREPARATION			
SP-1	PRE-CONSTRUCTION VIDEO TAPING	LS	1
67100100	MOBILIZATION	LS	1
70100100	TRAFFIC CONTROL AND PROTECTION	LS	1
SP-2	CONSTRUCTION LAYOUT & AS-BUILT SURVEY	LS	1
50201101	COFFERDAM	LS	1
X6640638	TEMPORARY CONSTRUCTION FENCE	LF	1625
X0301852	DEWATERING	LS	1
28000400	PERIMETER EROSION BARRIER	LF	540
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	EACH	1
X2800500	INLET PROTECTION	EACH	3
TREE REMOVAL AND PROTECTION (PER SSRBC 201)			
SP-3	BRUSH REMOVAL	LS	1
20100110	TREE REMOVAL (6 to 15 UNITS DIAMETER)	UNIT	0
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	0
DEMOLITION			
50100100	REMOVAL OF EXISTING STRUCTURES, CATCH BASIN	EACH	1
X0327989	REMOVE EXISTING BRICK PAVERS	SY	660
44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5" FULL DEPTH	SY	305
X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	2
EARTHWORK			
X2020410	EARTH EXCAVATION, SPECIAL	CU YD	500
21101625	TOPSOIL FURNISH AND PLACE, 6"	SY	35
STREAMBANK STABILIZATION			
SP-4	LIMESTONE OUTCROPPING	LF	240
SP-5	ROCK TOE, RR5	TON	10
DRAINAGE			
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1
28400100	GABIONS	CY	50
SP-6	RIP RAP, RR 4	TON	20
Z0055900	RUSTIC WOOD POST AND RAIL FENCE	LF	15
PARKING			
SP-7	PERMEABLE PAVER PAVEMENT, COMPLETE	SY	660
SP-8	CONCRETE RIBBON	LF	420
SP-9	SUPPLEMENTAL ISLAND PLUGS	EACH	240
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	LF	800
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	20
PATH			
35102000	AGGREGATE BASE COURSE, TYPE B (BIKE), 8"	SY	303
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 3"	SY	303
PERMANENT VEGETATIVE COVER			
25000200	SEEDING, CLASS 1B	ACRE	0.150
25000312	SEEDING, CLASS 4A	ACRE	0.030
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	880
SP-9	LIMESTONE TERRACE PLUGS	EACH	432
ECOLOGICAL MANAGEMENT			
SP-10	ECOLOGICAL MANAGEMENT - YEAR 1	ACRE	0.030
SP-10	ECOLOGICAL MANAGEMENT - YEAR 2	ACRE	0.030
SP-10	ECOLOGICAL MANAGEMENT - YEAR 3	ACRE	0.030
ALTERNATE 1			
44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 3", MILL AND OVERLAY	SY	2299

LEGEND

	EXISTING	PROPOSED
CURB & GUTTER		
BARRIER CURB		
EDGE OF PAVEMENT		
SANITARY SEWER		
STORM SEWER		
DRAIN TILE		
UNDERDRAIN		
FLOODWAY		
10 YR FLOOD PLAIN		
100 YR FLOOD PLAIN		
ELECTRIC		
CABLE		
GAS		
AT&T		
TELEPHONE		
WATER		
OVERHEAD WIRE		
MANHOLE		
CATCH BASIN		
INLET		
FLARED END SECTION (FES)		
FILL STRUCTURE		
REMOVE STRUCTURE		
RECONSTRUCT STRUCTURE		
ADJUST STRUCTURE		
VALVE VAULT		
VALVE & BOX		
BUFFALO BOX		
HYDRANT		
GAS VALVE		
HANDHOLE		
UTILITY PEDESTAL		
UTILITY POLE		
UTILITY POLE W/STREET LIGHT		
STREET LIGHT		
WALKWAY LIGHT		
YARD LIGHT		
SPOT LIGHT		
STREET LIGHT CONTROLLER		
BASKETBALL HOOP		
MAIL BOX		
SIGN		
INLET FILTER		
FENCE		
WOOD FENCE		
REMOVE TREE		
TREE(DECIDUOUS)		
TREE(CONIFEROUS)		
BUTT JOINT		
SIDEWALK REMOVE & REPLACE		
LANDSCAPED AREA		



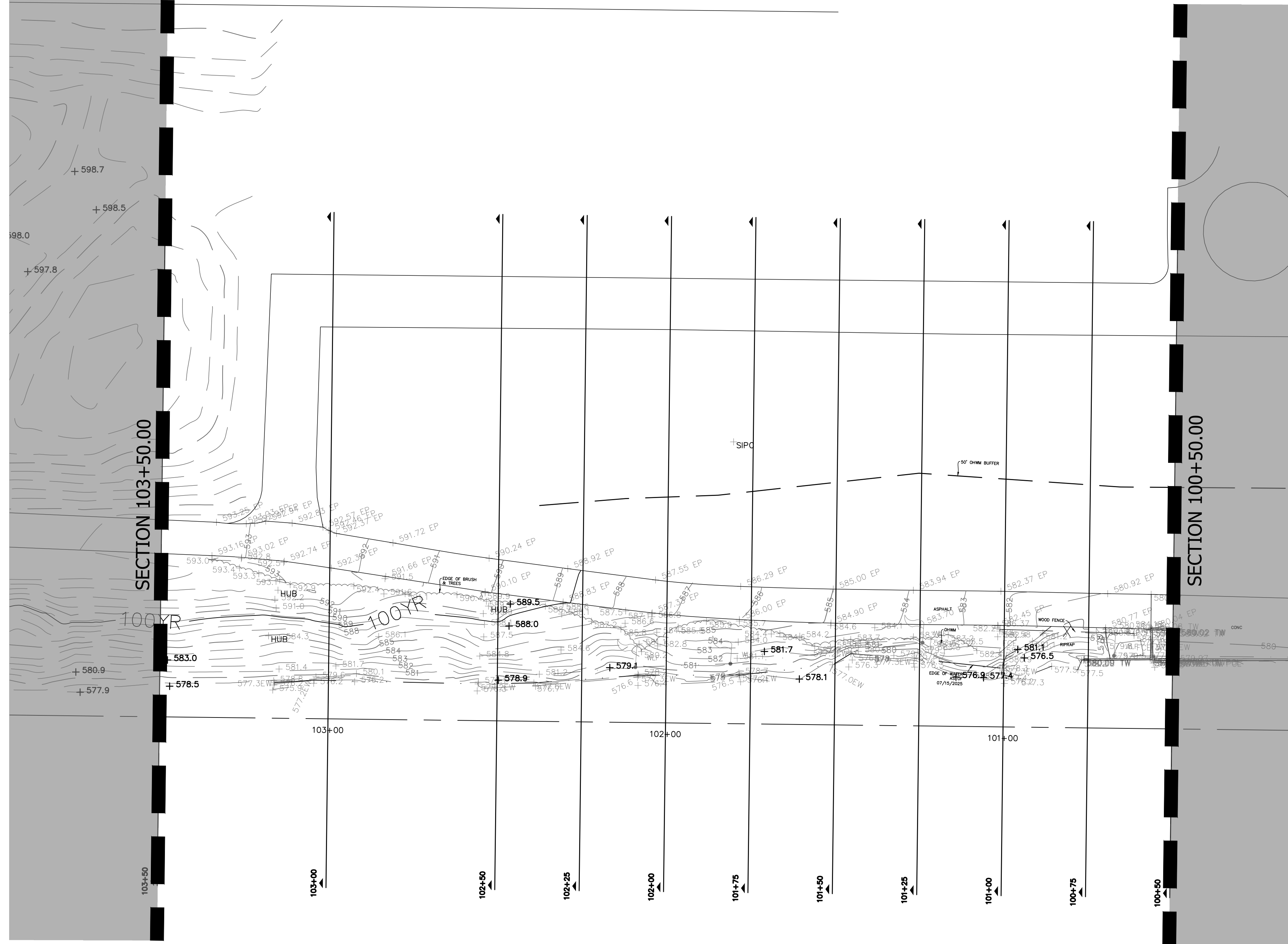
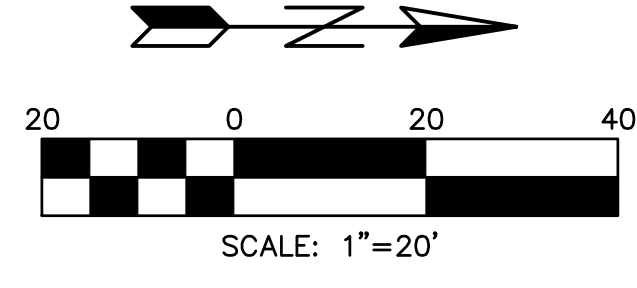
PROJECT STAGING
 PHASE 1: SOUTHERN PATH
 IMPROVEMENTS AND STRUCTURE
 REPLACEMENT.
 PHASE 2: OUTCROPPING
 CONSTRUCTION
 PHASE 3: PARKING LOT REPAVING
 AND BRICK PAVER REPLACEMENT




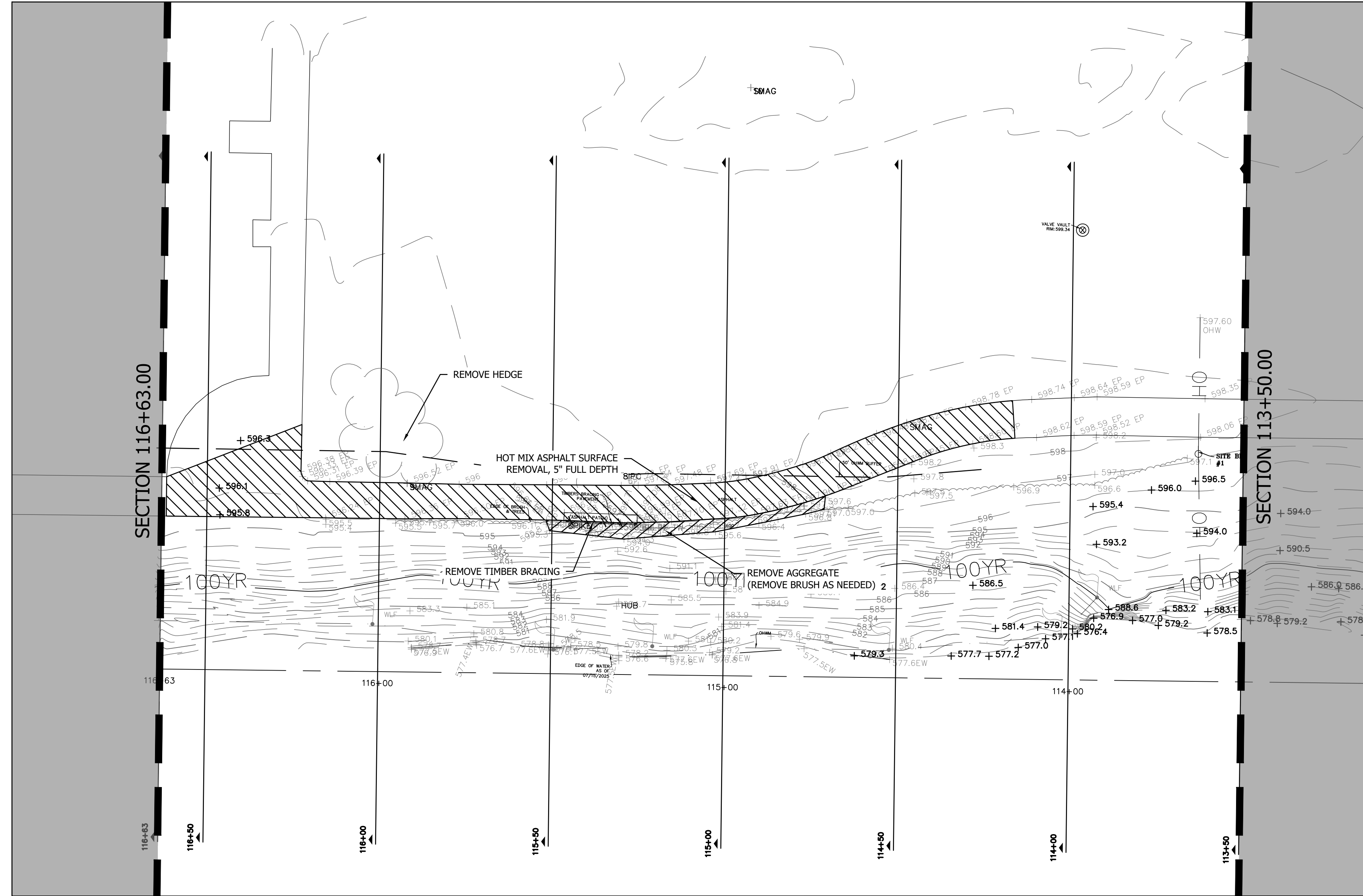
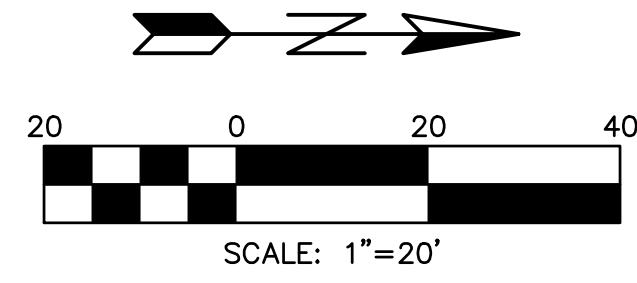
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PROJECT #	: W25143.00
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DESCRIPTION:	

STAGING PLAN



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NORTH SHORE CHANNEL SHORELINE STABILIZATION 6801 N MCCORMICK BLVD, LINCOLNWOOD, IL 60712	
DATE : 04-01-2006 PROJECT # : W25143.00 DESIGNED BY : EP DRAWN BY : AEC CHECKED BY : EP	DESCRIPTION: EXISTING CONDITIONS & DEMOLITION PLAN
C-3.0 SHEET	



DATE	: 04-01-2006
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EXISTING
CONDITIONS &
DEMOLITION
PLAN

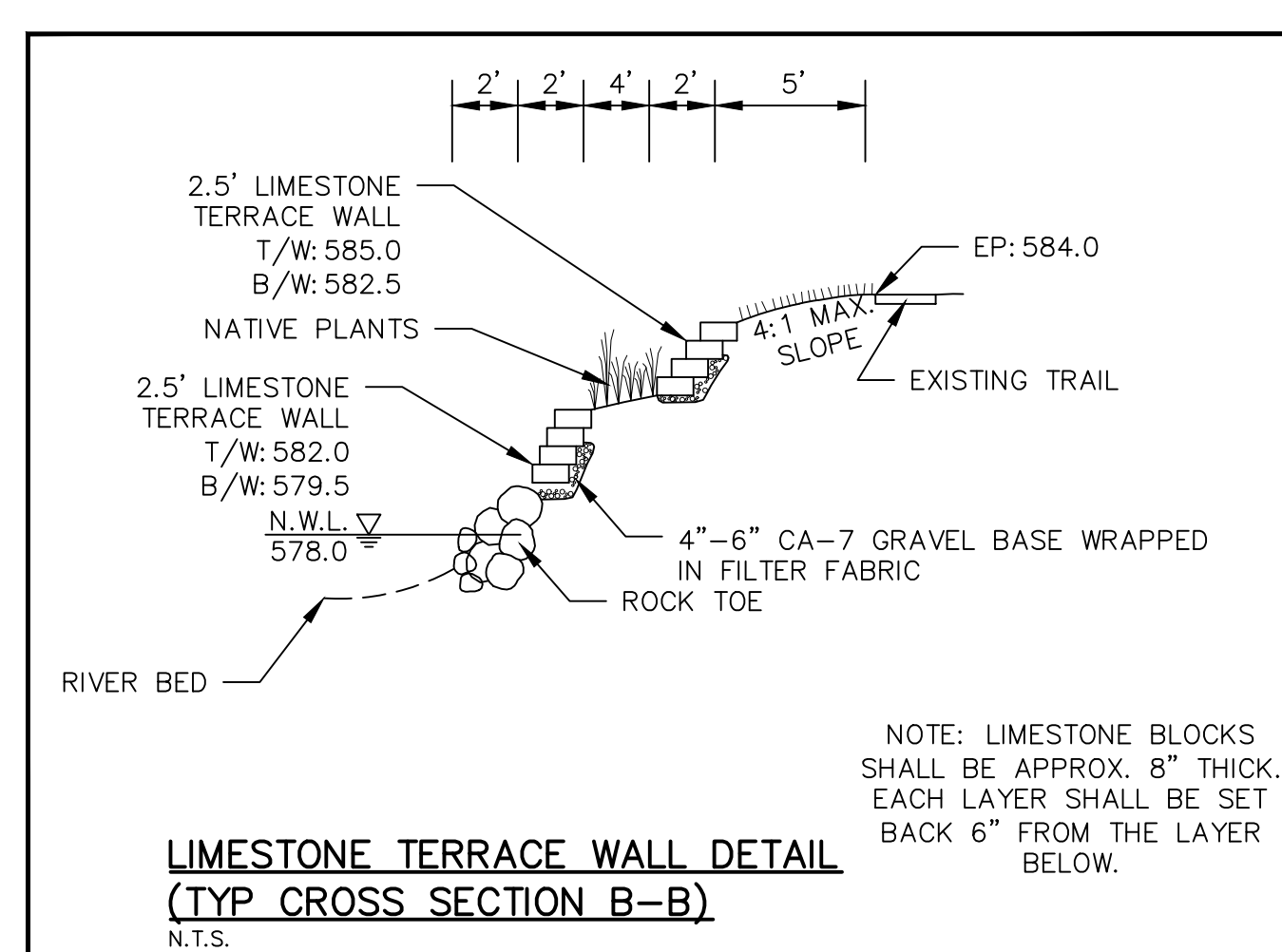
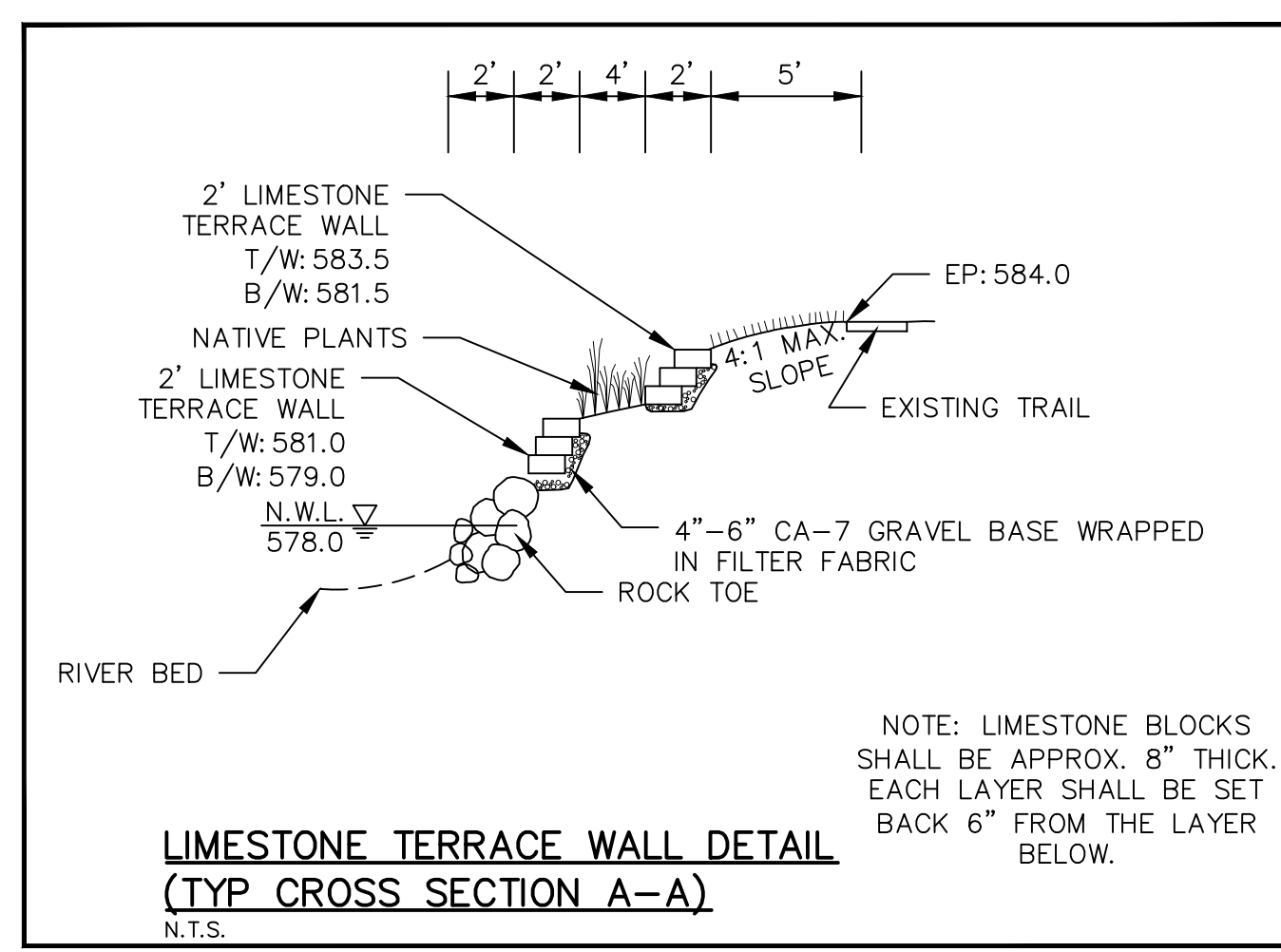
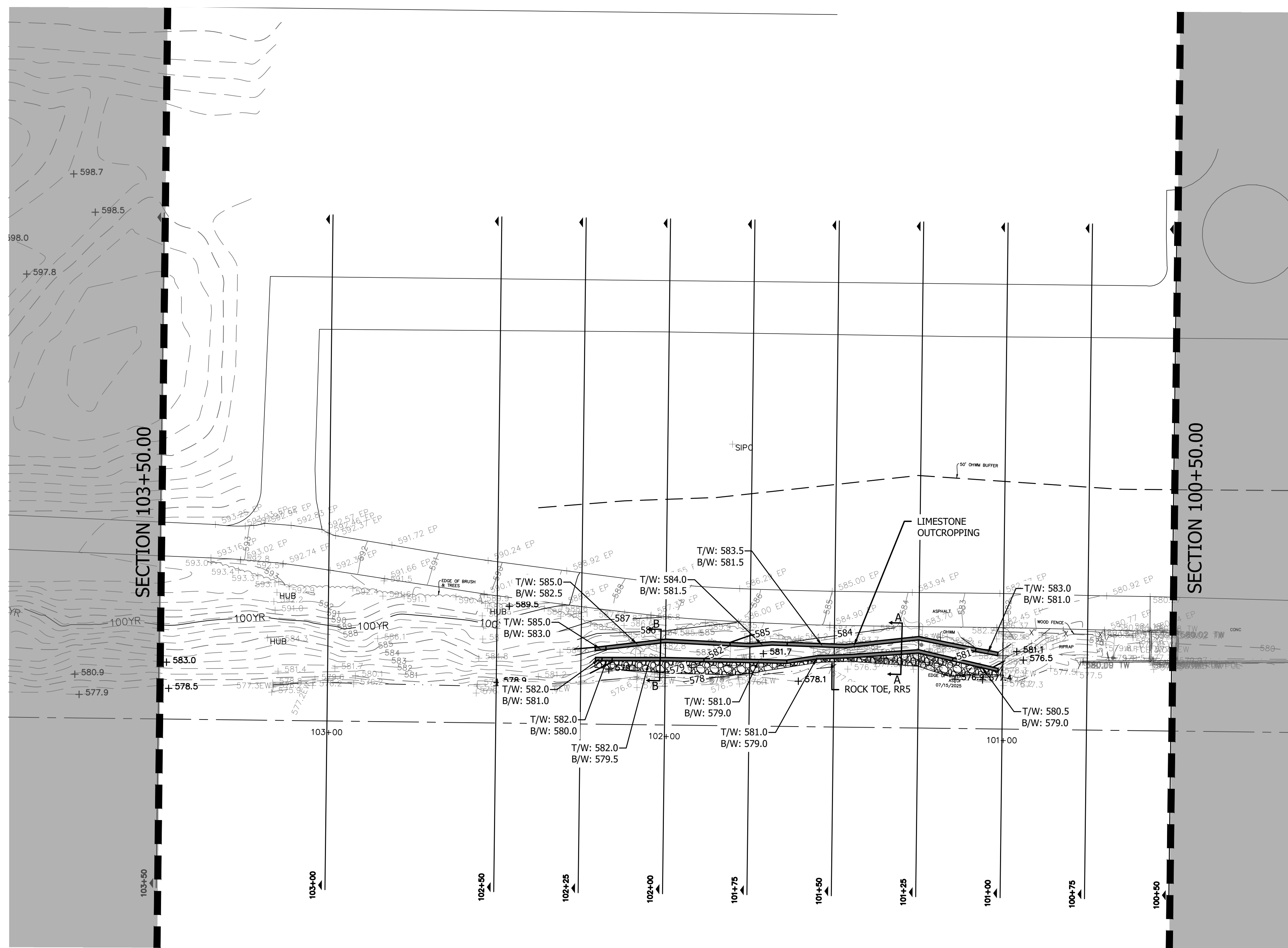
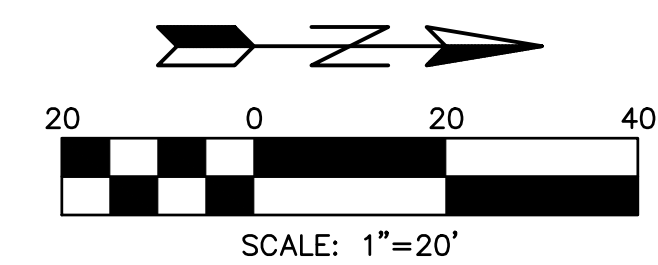
C-3.2
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**NORTH SHORE
CHANNEL SHORELINE
STABILIZATION**

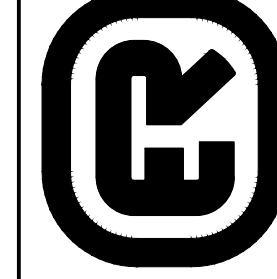
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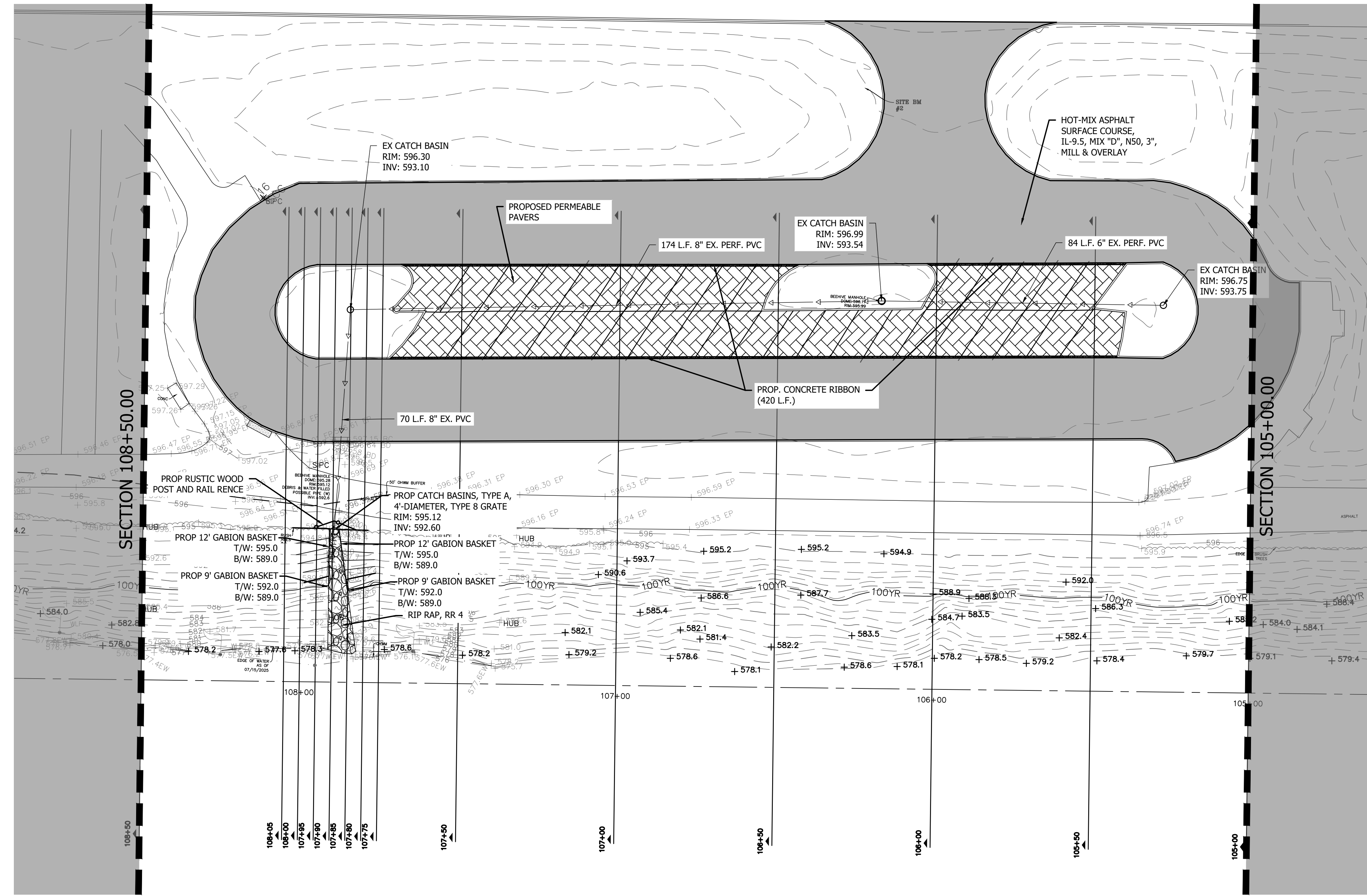
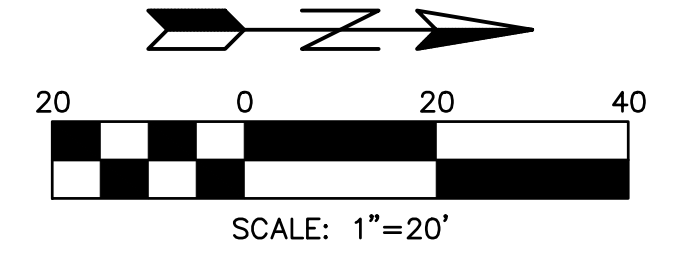
NORTH SHORE CHANNEL SHORELINE STABILIZATION
6801 N MCCORMICK BLVD, LINCOLNWOOD, IL 60712

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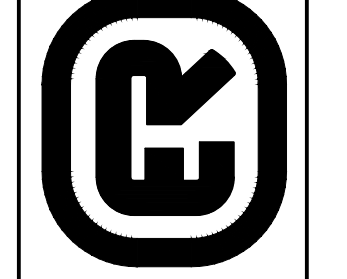
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PROPOSED IMPROVEMENTS

C-4.1
SHEET



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 LINCOLNWOOD, IL 60712
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NORTH SHORE CHANNEL SHORELINE STABILIZATION
 6801 N MCCORMICK BLVD, LINCOLNWOOD, IL 60712

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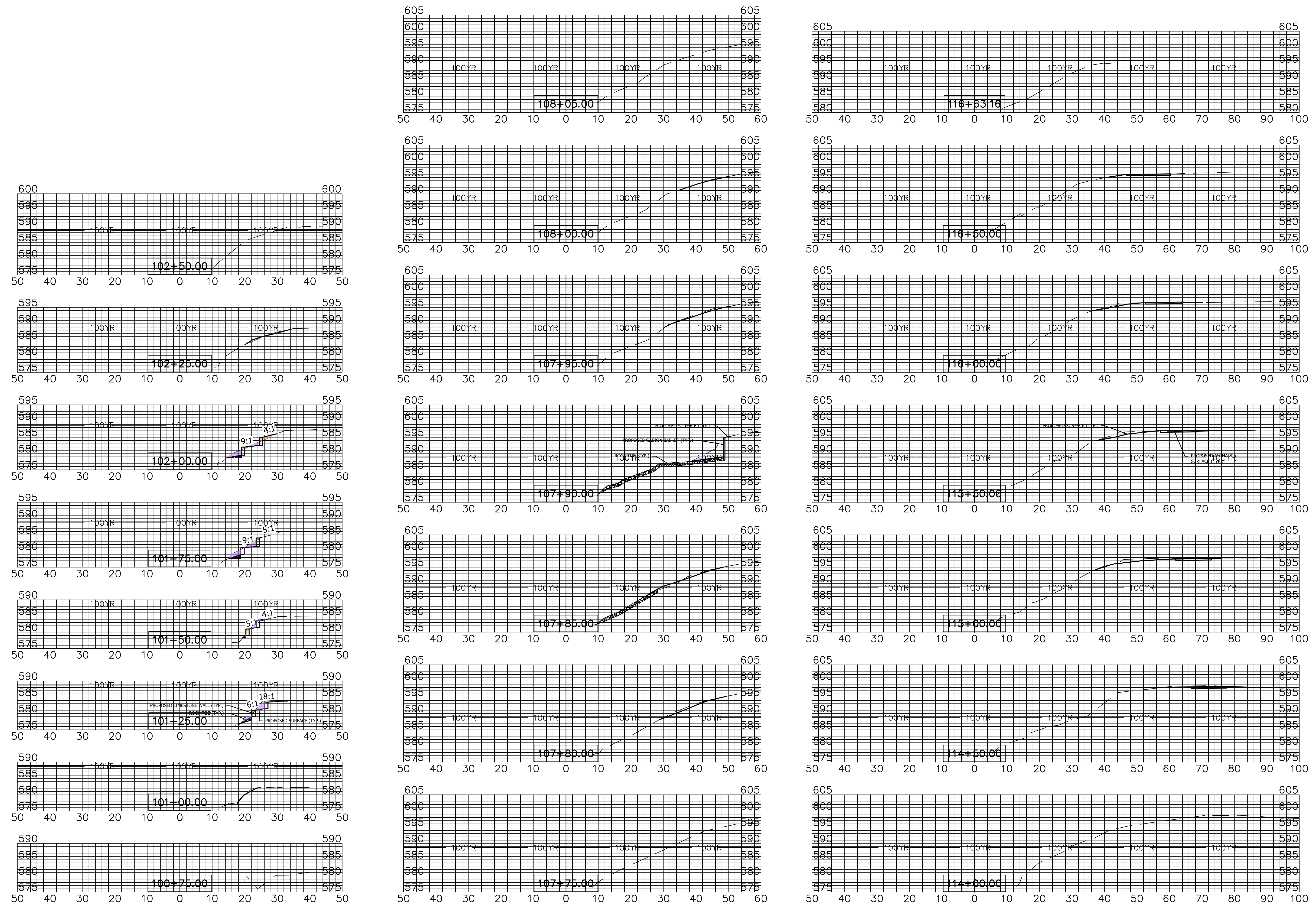
PROPOSED IMPROVEMENTS

C-4.1
SHEET

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DESCRIPTION:	H:\Lincolnwood\W25143.00 North Shore Channel Shoreline Stabilization\CADD\YSHEET\W25143.00_C-5.0_Cross Sections.dwg
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STORMWATER POLLUTION PREVENTION PLAN

THE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM SEWER WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION SITE AND TO LIMIT SEDIMENTS FROM LEAVING THE CONSTRUCTION SITE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION DEPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITION.

THE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A TIME FRAME SPECIFIED HEREIN AND AS DIRECTED BY THE ENGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS. SECTION 280. TEMPORARY EROSION CONTROL, OF THE STANDARD SPECIFICATIONS ADDITIONALLY SUPPLEMENTS THIS PLAN.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY

- THE PROJECT CONSISTS OF THE STREAMBANK STABILIZATION WITH THE USED OF A DROP STRUCTURE, LIMESTONE OUTCROPPINGS, AND ROCK TOE. IN ADDITION, THE EXISTING PATHWAY IS PROPOSED TO BE REVISED IN ORDER TO PROVIDE RELIEF TO THE STREAMBANK SLOPE IN THAT AREA.
- THE PROJECT AREA IS LOCATED ALONG N MCCORMICK BOULEVARD BETWEEN W. TOUHY AVE AND W. PRATT AVE AT THE WESTERN STREAMBANK OF NORTH SHORE CHANNEL.

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTION OF THE CONSTRUCTION SITE:

- EROSION CONTROL SILT FENCING OR COFFER DAMS SHALL BE IN PLACE PRIOR TO EARTHWORK ACTIVITIES.
- SITE SHALL BE ROUGH GRADED
- ANY STORMWATER UTILITIES NEEDED SHALL BE INSTALLED
- SITE SHALL BE FINE-GRADED, WITH ALL PROPOSED PAVING AREAS GRADED TO ROUGHLY 1-FOOT BELOW FINAL ELEVATION ON PLANS.
- PAVING SHALL BE INSTALLED.
- DISTURBED AREAS SHALL BE TOPSOILED & SEEDED.

AREA OF CONSTRUCTION SITE:

THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 0.59 ACRES BY WHICH 0.59 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING, AND OTHER ACTIVITIES.

OTHER REPORTS, STUDIES AND PLANS, WHICH AID IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

- INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILITIES FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
- PROJECT PLAN DOCUMENTS, SPECIFICATIONS AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

DRAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS CONSTRUCTION SITE:

THE SITE SHALL DRAIN INTO THE PROPOSED STORMWATER DETENTION PONDS BY MEANS OF AN EXISTING STORM SEWER SYSTEM.

CONTROLS, EROSION CONTROLS AND SEDIMENT CONTROL:

- THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, PROTECTION OF TREES, PRESERVATION OF NATURE VEGETATION, AND OTHER APPROPRIATE MEASURES AS DIRECTED BY THE ENGINEER.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
 - AREAS OF EXISTING VEGETATION, WOOD AND GRASSLANDS, OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
 - DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER, ALONG WITH REQUIRED TREE REMOVAL.
 - AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
 - BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN (7) DAYS.
 - IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODIBLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN (7) DAYS.
 - ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT. DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVER SEEDING CAN BE COMPLETED.
- THE SOIL AND WATER CONSERVATION DISTRICT IS RESPONSIBLE FOR CONDUCTING SITE VISITS AND VERIFYING THAT THE PRACTICES ARE WORKING PROPERLY AND DETERMINE IF ADDITIONAL PRACTICES ARE NEEDED FOR BETTER SOIL EROSION AND SEDIMENT CONTROL. IF ADDITIONAL PRACTICES ARE DEEMED NECESSARY BY THE SWCD THE CONTRACTOR WILL IMPLEMENT THE PRACTICE IN A TIMELY MANNER.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

ENGINEER: MARTY J. MICHALISKO, PE

DATE

CONTRACTOR'S CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR 10) THAT AUTHORIZES THE STORMWATER DISCHARGES ASSOCIATED WITH ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

GENERAL CONTRACTOR

SIGNATURE TITLE DATE

COMPANY

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

- DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING, PARKING OF VEHICLES OF CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS OR OTHER CONSTRUCTION RELATED ACTIVITIES.
 - WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.
 - AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER
 - PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
 - TEMPORARILY SEED ERODIBLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
 - PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
 - CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE, AT THE SAME TIME, PLACING PERMANENT EROSION CONTROL FINAL SHAPING TO THE SLOPES.
 - EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR SEVEN (7) DAYS.
 - CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
 - THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT WEEKLY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2-INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BIWEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
 - SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR EARTH EXCAVATION FOR EROSION CONTROL.
 - THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED, AS DIRECTED BY THE ENGINEER, AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING.

DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

- TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SODDED AND ESTABLISHED.
- ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.

MISCELLANEOUS:

- TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES, IF DIRECTED.
- SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS, AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.
- ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

SOIL EROSION CONTROL:

- SOIL EROSION CONTROL MUST CONFORM TO THE VILLAGE ORDINANCE.

A. SPECIFICATIONS:

- A CONSTRUCTION ENTRANCE TO THE SITE SHALL BE INSTALLED AND STABILIZED PRIOR TO ANY WORK ON THE SITE. THE CONSTRUCTION ENTRANCE SHALL CONSIST OF 12" OF CRUSHED CONCRETE, 50 FEET IN LENGTH AND 24 FEET WIDE, AS SHOWN ON PLANS.
 - ALL STOCK PILES ON THE SITE WHICH WILL NOT BE REDISTRIBUTED FOR A WEEK OR LONGER WILL BE SEEDED WITHIN SEVEN DAYS OF THE FORMATION OF THE STOCKPILE.
 - SEEDING IN DISTRIBUTED AREAS OUTSIDE OF THE RIGHT-OF-WAYS WILL BE DONE WITH PERENNIAL RYE GRASS, 1/2 LB. PER 1,000 SF. IF IT IS LATER IN THE FALL AND A MORE RAPID GERMINATION IS REQUIRED, 1 LB OF OATS PER 1,000 S.F. CAN BE ADDED TO THE RYE GRASS.
 - THE SEEDING AND MULCH WILL BE MAINTAINED AND REPAIRED WHEN NECESSARY UNTIL THE PROJECT IS COMPLETED.
 - AGGREGATE BASE SHALL BE INSTALLED AS SOON AS POSSIBLE IN THE CONSTRUCTION SEQUENCE FOR ROADS TO PROVIDE REQUIRED STABILIZATION.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL STRUCTURES.
 - CONTRACTOR SHALL INSPECT EROSION CONTROL STRUCTURES WEEKLY OR AFTER ANY MAJOR STORMS OR AS DIRECTED BY THE VILLAGE.
 - ALL DESIGN AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AS CONTAINED IN THE IEPA/WPC/87-012 OR CURRENT EDITION AND THE ILLINOIS PROCEDURE AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL.
 - DUST CONTROL AND CLEANING OF ROADWAYS AS REQUESTED BY THE VILLAGE SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
- B. INSTALLATION
- INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 - NOTIFY PUBLIC WORKS DEPARTMENT AND THE VILLAGE ENGINEERING DEPARTMENT 24 HOURS PRIOR TO INITIATING CONSTRUCTION.

POLLUTANT PREVENTION AND CONTROL

- VEHICLES AND EQUIPMENT ARE TO BE MAINTAINED OFF SITE. VEHICLES WITH LEAKING FLUIDS WILL NOT BE ALLOWED ON SITE. ALL VEHICLES AND EQUIPMENT ARE TO BE CHECKED FOR LEAKS, INCLUDING SUBCONTRACTOR VEHICLES. ANY VEHICLE LEFT OVER NIGHT SHALL HAVE A DRIP PAN PLACED UNDERNEATH IT.
- HAZARDOUS MATERIAL (OIL FILTERS, PAINT, PETROLEUM PRODUCTS, ETC.) SHALL BE STORED IN STRUCTURALLY SOUND AND SEALED SHIPPING CONTAINERS WITHIN THE HAZARDOUS MATERIALS STORAGE AREA. HAZARDOUS MATERIALS AND WASTE SHALL BE STORED IN APPROPRIATE AND CLEARLY MARKED CONTAINERS. WASTE MATERIALS SHALL BE STORED SEPARATED FROM NON WASTE MATERIALS. HAZARDOUS MATERIALS CANNOT BE DISPOSED OF IN THE ON-SITE DUMPSTER. HAZARDOUS MATERIALS WILL BE STORED IN ACCORDANCE WITH ALL FEDERAL AND MUNICIPAL REGULATIONS.
- SPILL KITS ARE TO BE PROVIDED WITHIN THE MATERIAL STORAGE AND CONCRETE WASHOUT AREAS.
- ALL SPILLS ARE TO BE CLEANED UP IMMEDIATELY UPON THEIR DISCOVERY. MATERIALS AND RAGS USED TO CLEAN SPILLS ARE TO BE REMOVED FROM THE SITE IMMEDIATELY AFTER THE SPILL IS CLEANED UP AND DISPOSED IN THE PROPER LOCATION. SPILLS LARGE ENOUGH TO CONTAMINATE ANY SURFACE WATER ARE TO BE REPORTED IMMEDIATELY.
- MATERIAL SAFETY DATA SHEETS AND INVENTORY AS WELL AS EMERGENCY CONTACT INFORMATION ARE TO BE MAINTAINED ON SITE.
- SWPPP MUST IDENTIFY THE USE OF ALL POLYMER FLOCCULANTS OR TREATMENT CHEMICALS AT THE SITE. DOSAGE OF TREATMENT CHEMICALS MUST 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.
- 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.
- 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 PRODUCTS OR MATERIALS WHERE THE EXPOSURE TO PRECIPITATION AND TO STORMWATER WILL NOT RESULT IN A DISCHARGE OF POLLUTANTS, 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).
- MINIMIZE THE EXPOSURE OF FUEL OIL, HYDRAULIC FLUIDS, OTHER PETROLEUM PRODUCTS, AND OTHER CHEMICALS BY STORING IN COVERED AREAS OR CONTAINMENT AREAS. ANY CHEMICAL CONTAINERS WITH A STORAGE OF 55 GALLONS OR MORE MUST BE STORED A MINIMUM OF 50 FEET FROM RECEIVING WATERS, CONSTRUCTED OR NATURAL SITE DRAINAGE FEATURES, AND STORM DRAIN INLETS. IF INFEASIBLE DUE TO SITE CONSTRAINTS, STORE CONTAINERS AS FAR AWAY AS THE SITE PERMITS AND DOCUMENT IN THE SWPPP THE SPECIFIC REASONS WHY THE 50-FOOT SETBACK IS INFEASIBLE AND HOW THE CONTAINERS WILL BE STORED.
- NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, WILL BE DISCHARGED TO WATERS OF THE UNITED STATES, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT

EROSION CONTROL MAINTENANCE

- CLEAN, OR REMOVE AND REPLACE, THE INLET 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.
- CORRECTIVE ACTION MUST BE TAKEN WHEN THE FOLLOWING ARE IDENTIFIED ON THE SITE: A STORMWATER CONTROL NEEDS REPAIR OR REPLACEMENT; A STORMWATER CONTROL NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT WAS NEVER INSTALLED OR WAS INSTALLED INCORRECTLY; DISCHARGES ARE CAUSING AN EXCEEDANCE OF APPLICABLE WATER QUALITY STANDARDS; OR A PROHIBITED DISCHARGE HAS OCCURRED. CORRECTIVE ACTIONS MUST BE COMPLETED AS SOON AS POSSIBLE AND DOCUMENTED WITHIN 7 DAYS IN AN INSPECTION REPORT OR REPORT OF NONCOMPLIANCE. IF IT IS INFEASIBLE TO COMPLETE THE INSTALLATION OR REPAIR WITHIN 7 CALENDAR DAYS, IT MUST BE DOCUMENTED IN THE RECORDS WHY IT IS INFEASIBLE TO COMPLETE THE INSTALLATION OR REPAIR WITHIN 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. IF MAINTENANCE IS REQUIRED FOR THE SAME STORMWATER CONTROL AT THE SAME LOCATION THREE OR MORE TIMES, THE CONTROL MUST BE REPAIRED IN A MANNER THAT PREVENTS CONTINUED FAILURE TO THE EXTENT FEASIBLE, AND IT MUST BE DOCUMENTED THE CONDITION AND HOW IT WAS REPAIRED IN THE RECORDS. ALTERNATIVELY, IT MUST BE DOCUMENTED IN THE RECORDS WHY THE SPECIFIC REOCCURRENCE OF THIS SAME ISSUE SHOULD CONTINUE TO BE ADDRESSED AS A ROUTINE MAINTENANCE FIX.
- INSPECTIONS MUST BE CONDUCTED BY QUALIFIED PERSONNEL, AS DEFINED IN THE PERMIT, AND PROVIDED BY THE PERMITTEE. INSPECTIONS MUST INCLUDE DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. AREAS INACCESSIBLE DURING INSPECTIONS DUE TO FLOODING OR OTHER UNSAFE CONDITIONS MUST BE INSPECTED WITHIN 72 HOURS OF BECOMING ACCESSIBLE.
- INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. WEEKLY INSPECTIONS MUST RECOMMENCE WHEN CONSTRUCTION ACTIVITIES ARE CONDUCTED, IF THERE IS A 0.50 INCHES OR GREATER RAIN EVENT, OR A DISCHARGE DUE TO SNOWMELT OCCURS.
- DISTURBED AREAS, AREAS USED FOR THE STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION AND ALL AREAS WHERE STORMWATER TYPICALLY FLOWS WITHIN THE SITE MUST BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE SWPPP MUST BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. ALL LOCATIONS WHERE STABILIZATION MEASURES HAVE BEEN IMPLEMENTED MUST BE OBSERVED TO ENSURE THAT THEY ARE STILL STABILIZED. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY MUST 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 MUST BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.
- FOR SITES DISCHARGING DEWATERING WATER, AN INSPECTION MUST BE CONDUCTED DURING THE DISCHARGE, ONCE PER DAY ON WHICH THE DISCHARGE OCCURS AND RECORD THE FOLLOWING IN A REPORT WITHIN 24 HOURS OF COMPLETING THE INSPECTION: THE INSPECTION DATE; NAMES AND TITLES OF PERSONNEL PERFORMING THE INSPECTION; APPROXIMATE TIMES THAT THE DEWATERING DISCHARGE BEGAN AND ENDED ON THE DAY OF INSPECTION; ESTIMATES OF THE RATE (IN GALLONS PER DAY) OF DISCHARGE ON THE DAY OF INSPECTION; AND WHETHER OR NOT ANY OF THE FOLLOWING INDICATIONS OF POLLUTANT DISCHARGE WERE OBSERVED AT THE POINT OF DISCHARGE: A SEDIMENT PLUME, SUSPENDED SOLIDS, UNUSUAL COLOR, PRESENCE OF ODOR, DECREASED CLARITY, PRESENCE OF FOAM, A VISIBLE SHEEN ON THE WATER SURFACE, AND/OR VISIBLE OILY DEPOSITS ON THE BOTTOM OR SHORELINE OF THE RECEIVING WATER.
- IF THE SWPPP MUST BE MODIFIED BASED ON THE RESULTS OF AN INSPECTION REPORT, THE MODIFICATIONS MUST BE COMPLETED WITHIN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.

CONSTRUCTION TIMELINE

- SPRING 2026 – Install erosion control measures at locations as indicated on plans.
- SPRING 2026 – Strip existing topsoil and stockpile.
- SPRING 2026 – Provide silt fence or sediment trench around stockpile.
- SPRING 2026 – Perform mass grading on site.
- SUMMER 2026 – Construct pathways, storm structures, and outcroppings.
- SUMMER 2026 – Perform landscaping and stabilization

DRAINAGE STATEMENT

WE HEREBY STATE THAT TO THE BEST OF OUR KNOWLEDGE AND BELIEF THE DRAINAGE OF SURFACE WATERS OF THIS PLAT WILL NOT BE CHANGED BY THE CONSTRUCTION OF THE IMPROVEMENTS OF THIS SUBDIVISION OR ANY PART THEREOF OR THAT IF SUCH SURFACE WATER DRAINAGE WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO PUBLIC AREAS, OR DRAINS WHICH THE SUBDIVIDER HAS A RIGHT TO USE, AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGE TO THE ADJOINING PROPERTY BECAUSE OF THE CONSTRUCTION OF THE SUBDIVISION.

DATE: _____
MARTY J. MICHALISKO, PE
ILLINOIS REGISTERED PROF. ENG. NO. _____

OWNER AND DEVELOPER: _____
NAME OF DEVELOPER/OWNER

TITLE: _____

CORPORATION: _____

SOIL PROTECTION CHART

STABILIZATION TYPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PERMANENT SEEDING			A				**					
DORMANT SEEDING												
TEMPORARY SEEDING	B										B	
SODDING			C				D					
MULCHING	E		F									

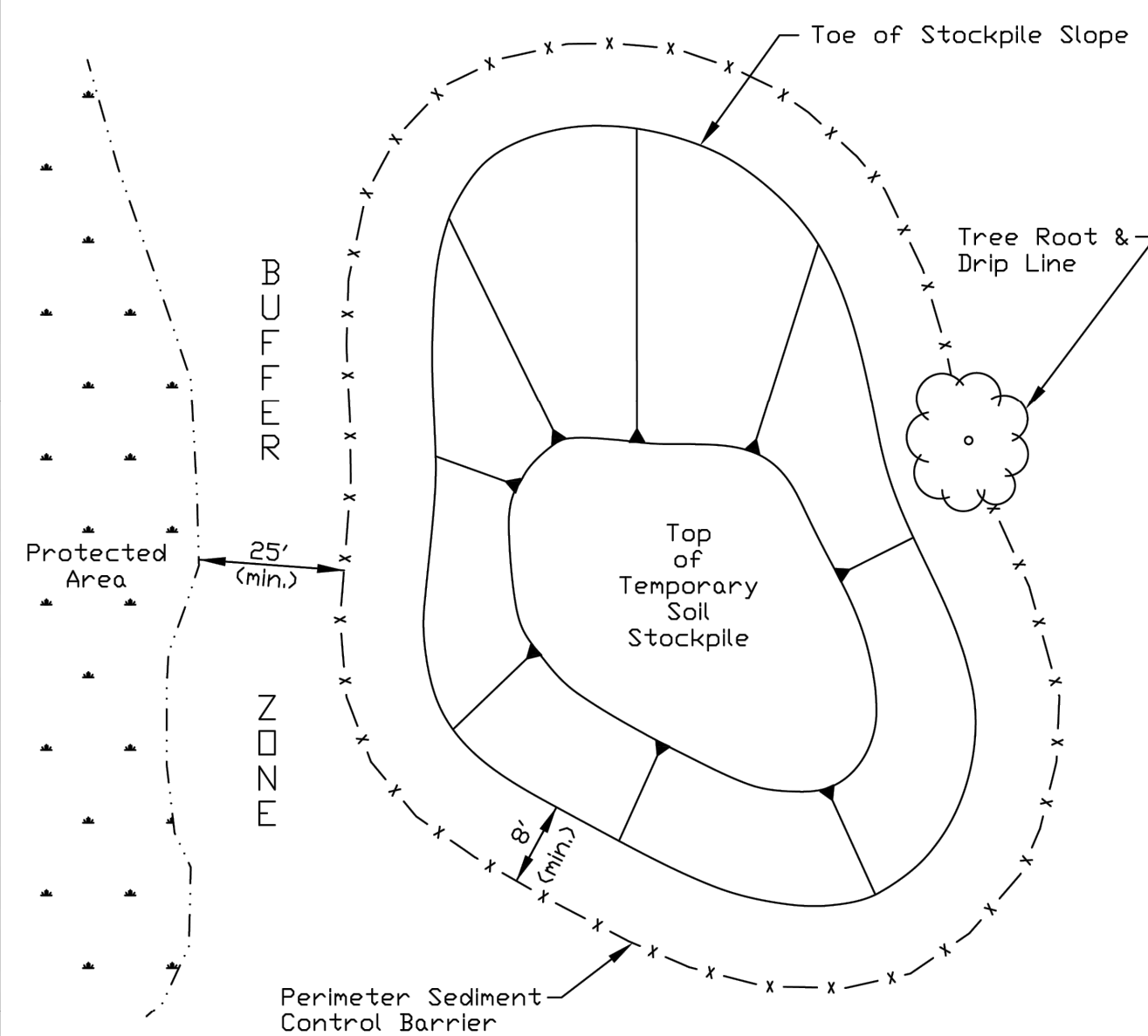
- | | | |
|--|------------|-----------------------------------|
| A. KENTUCKY BLUEGRASS MIXED WITH PERENNIAL RYEGRASS 30 LBS/AC | 90 LBS/AC | C. SPRING OATS 100 LBS/AC |
| B. KENTUCKY BLUEGRASS MIXED WITH PERENNIAL RYE GRASS 45 LBS/AC + 2 TONS STRAW MULCH/AC | 135 LBS/AC | D. WHEAT OR CEREAL RYE 150 LBS/AC |
| | | E. SOD |
| | | F. STRAW MULCH 2 TONS/AC |
- * IRRIGATION NEEDED DURING JUNE AND JULY
- ** IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD

OWNER'S CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

OWNER		
SIGNATURE	TITLE	DATE
COMPANY		

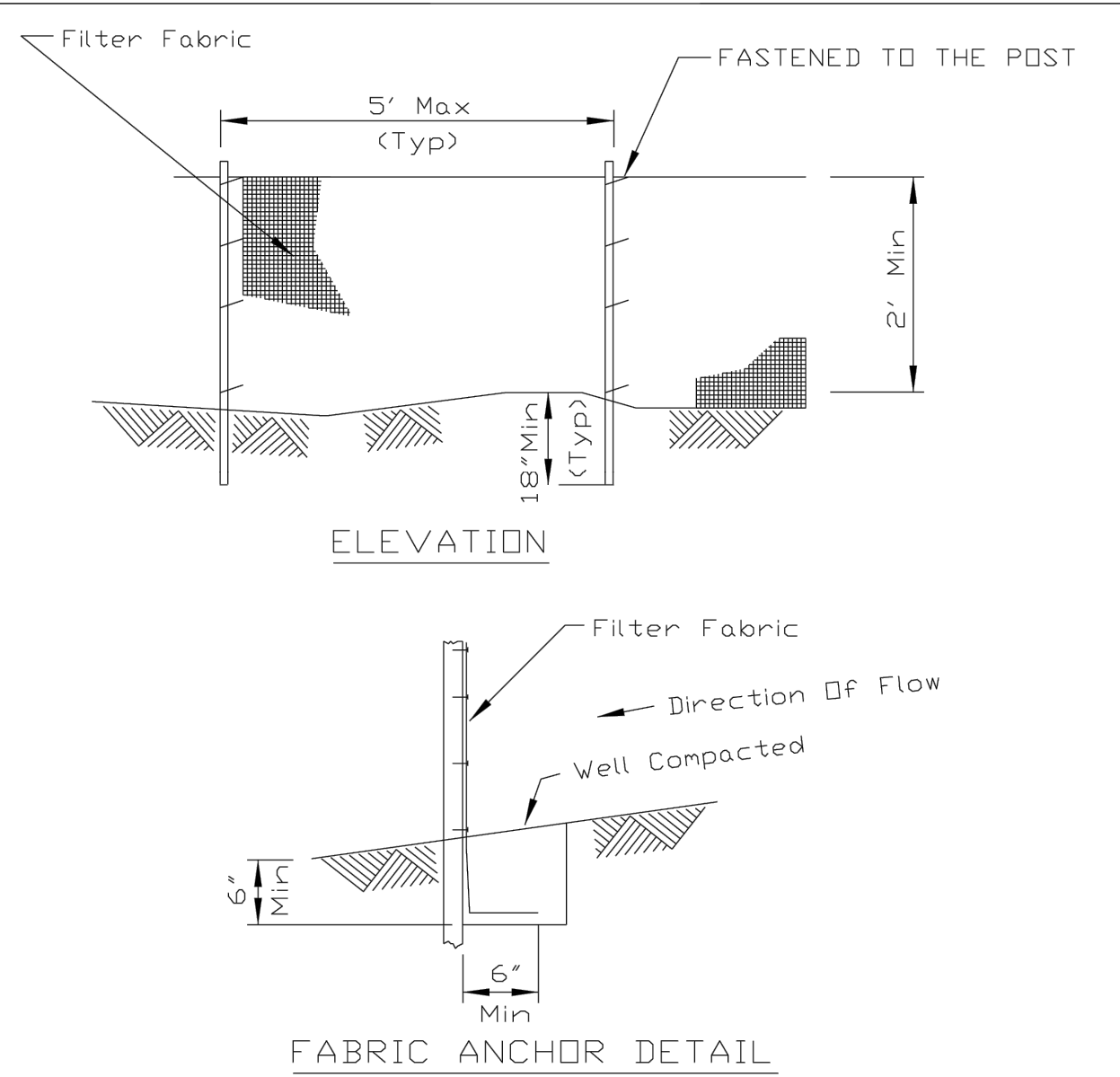
TEMPORARY SOIL STOCKPILE DETAIL



- NOTES:
1. Stockpile slopes should be based on angle of repose of the soil material to avoid potential sloughing of the slope.
 2. Soil stockpile to be stabilized in accordance with practical standards.
 3. Do not locate stockpile within overland drainage flow path, designated floodways, drip line or over the root crown of adjacent trees.
 4. Provisions for sediment control practices may be required along haul roads and entrance/exit locations for access the soil stockpile that can create flow path for stormwater runoff.
 5. Installation of benches, terraces, or slope interrupters should be considered.
 6. Avoid building soil stockpiles on impervious surfaces.
 7. Linear sediment trap surrounding the stockpile base may be used to control sediment.

REFERENCE Project _____	DATE _____		STANDARD DWG. NO. IUM-627
Designed _____	Date _____		SHEET 1 OF 1
Checked _____	Date _____		DATE JANUARY 2017
Approved _____	Date _____		

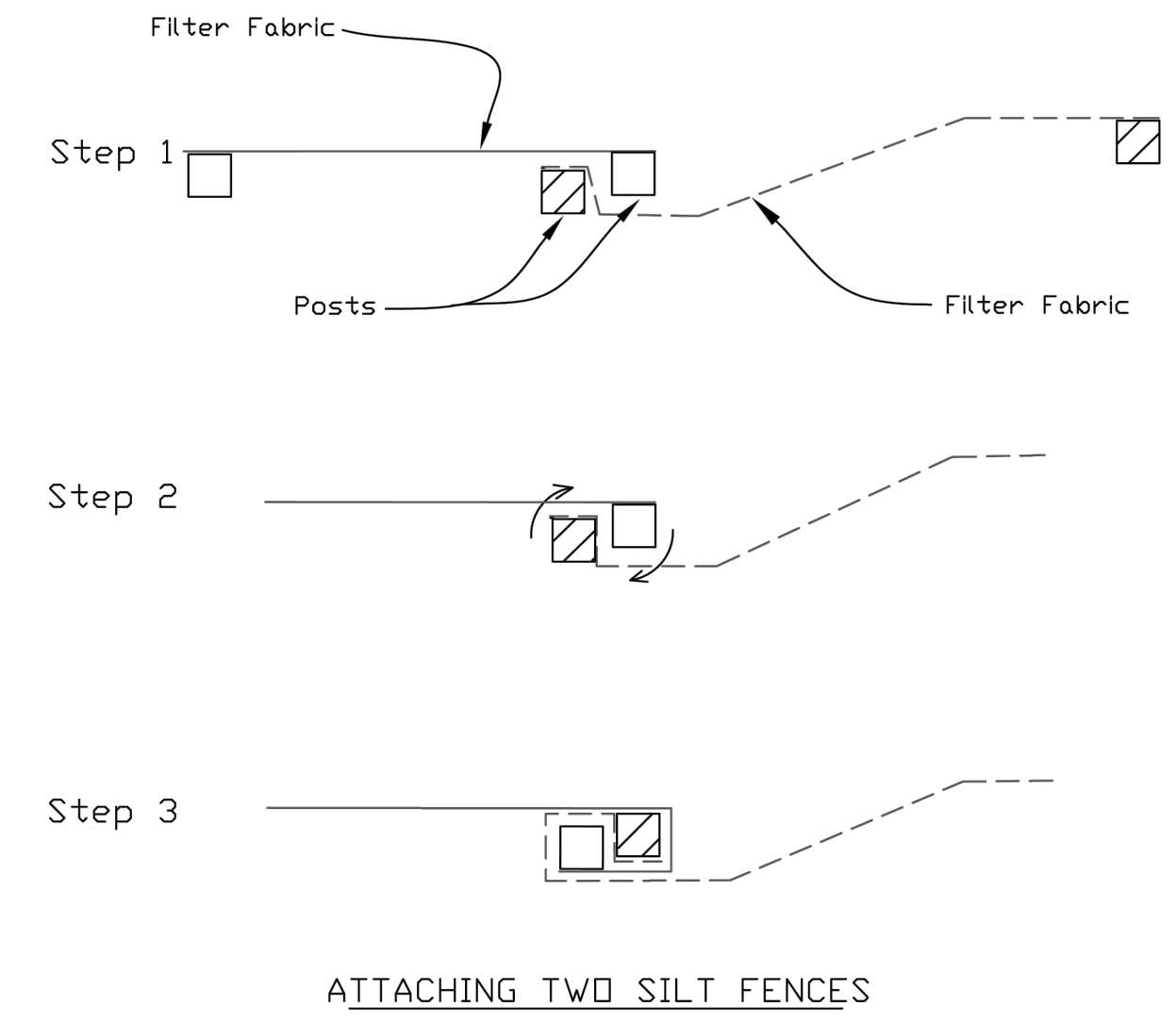
SILT FENCE PLAN



- NOTES:
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
 2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1, Class 2.
 3. Fence posts shall be either standard steel post or wood post 2" X 2" nominal.

REFERENCE Project _____	DATE _____		STANDARD DWG. NO. IUM-620A
Designed _____	Date _____		SHEET 1 OF 2
Checked _____	Date _____		DATE 04-19-2012
Approved _____	Date _____		

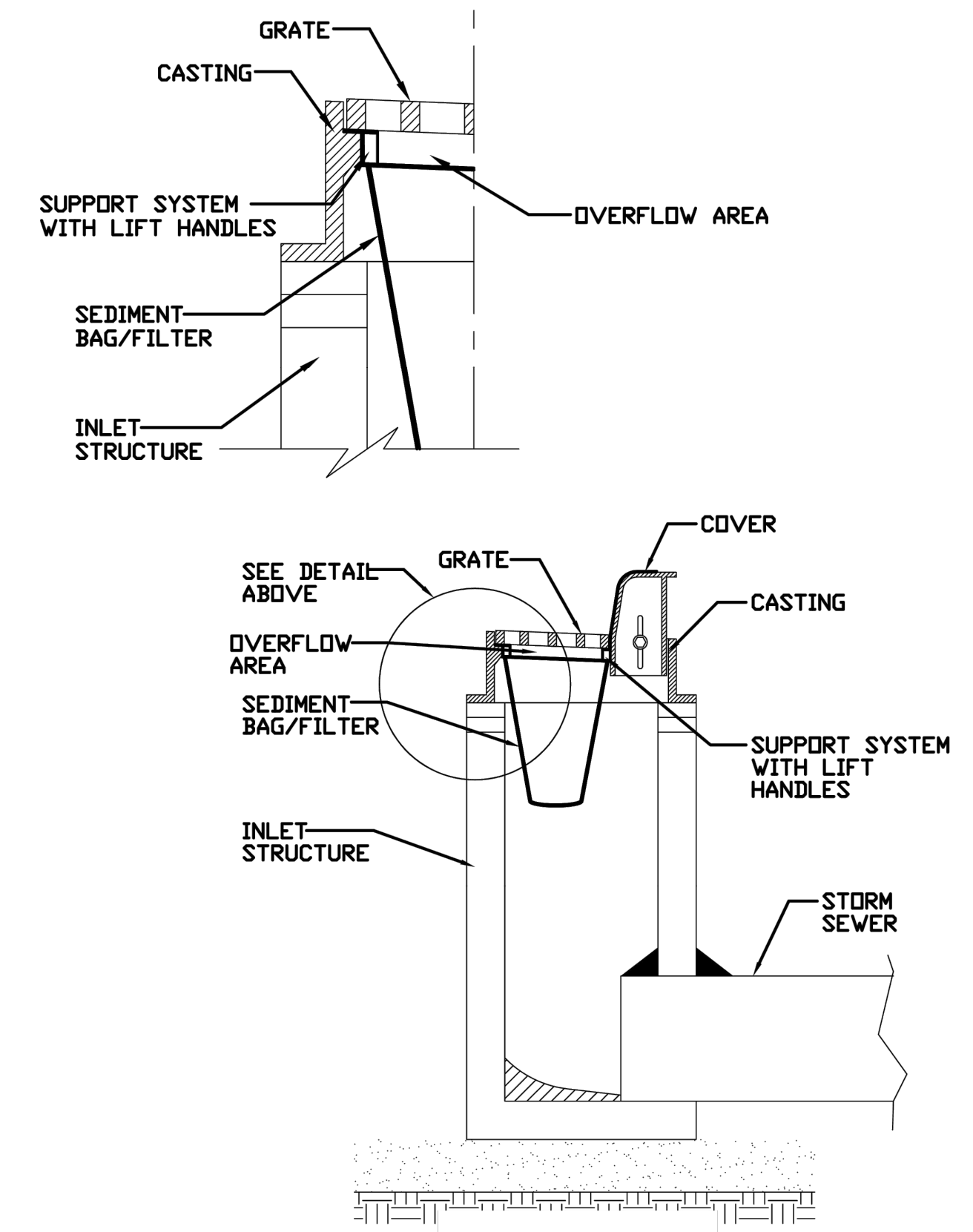
SILT FENCE - SPLICING TWO FENCES



1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Cut the fabric near the bottom of the stakes to accommodate the 6" Flap.
4. Drive both posts a minimum of 18 inches into the ground and bury the flap.
5. Compact backfill (particularly at splices) completely to prevent stormwater piping.

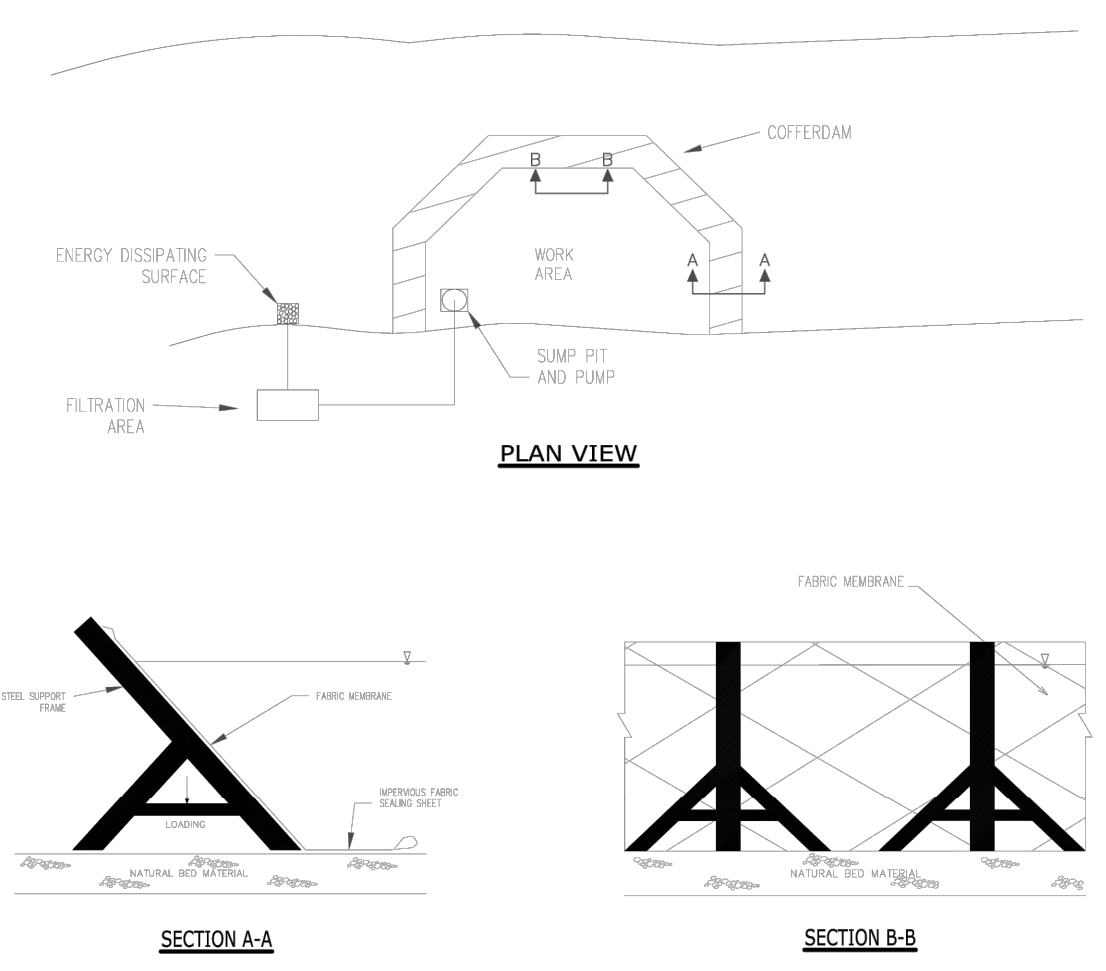
REFERENCE Project _____	DATE _____		STANDARD DWG. NO. IUM-620B(W)
Designed _____	Date _____		SHEET 1 OF 1
Checked _____	Date _____		DATE 3-16-2012
Approved _____	Date _____		

INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION



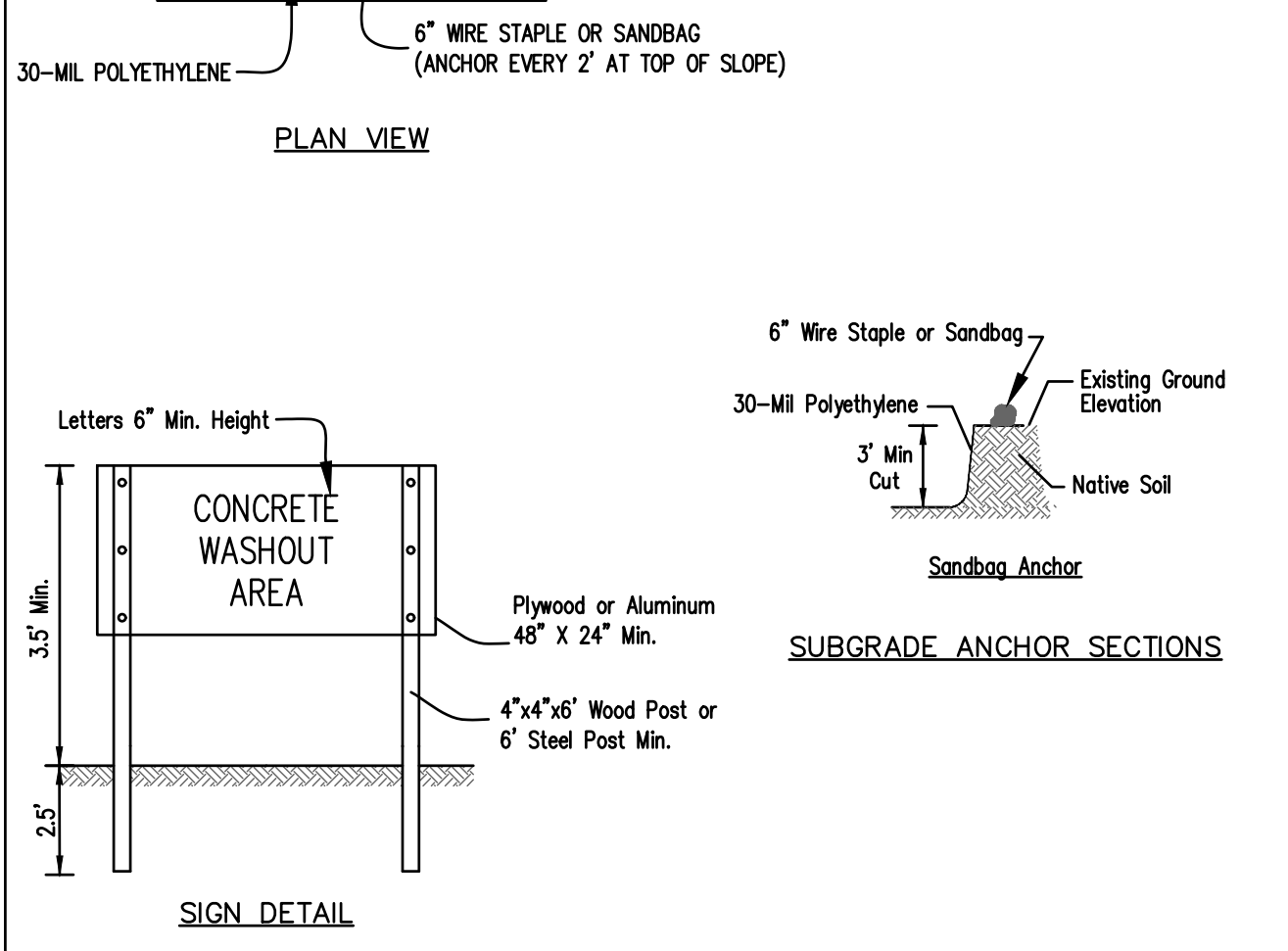
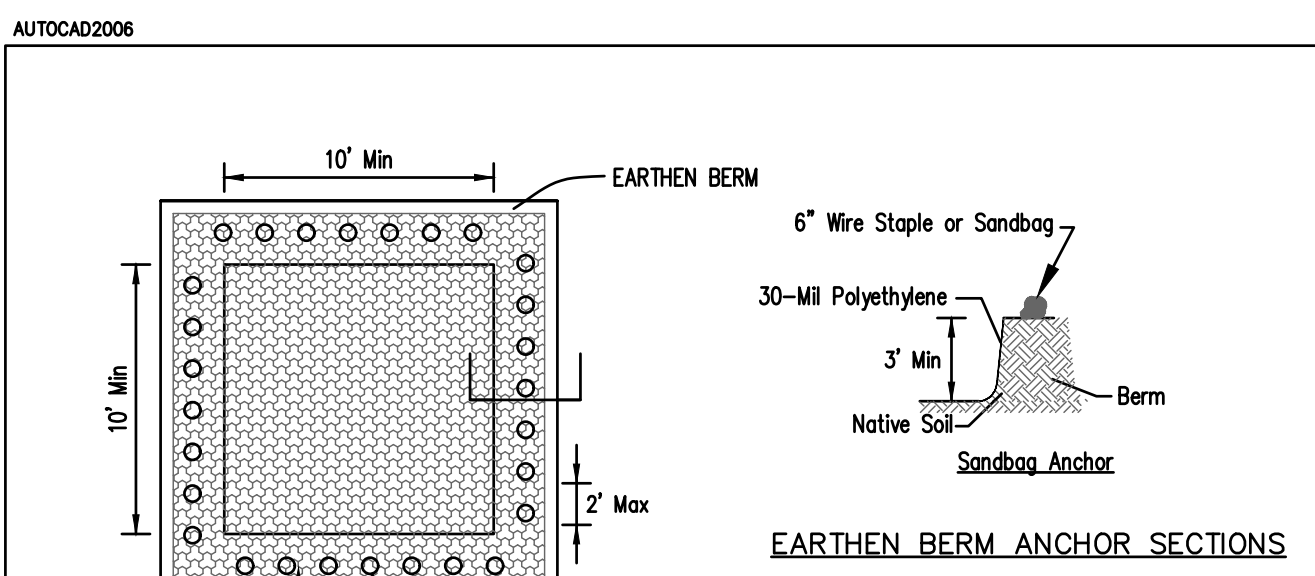
REFERENCE Project _____	DATE _____		STANDARD DWG. NO. IUM-561D
Designed _____	Date _____		SHEET 1 OF 1
Checked _____	Date _____		DATE 01-11-11
Approved _____	Date _____		

A-FRAME PARTIAL COFFERDAM



- NOTES:
1. ALL DISCHARGES SHOULD BE ON ENERGY DISSIPATING SURFACES.
 2. LOCATIONS FOR SUMP PIT, FILTRATION AREA, AND ENERGY DISSIPATING SURFACES MAY VARY DEPENDING ON SITE CONDITIONS.
 3. A-FRAME SHOULD BE INSTALLED TO MANUFACTURER'S SPECIFICATIONS.

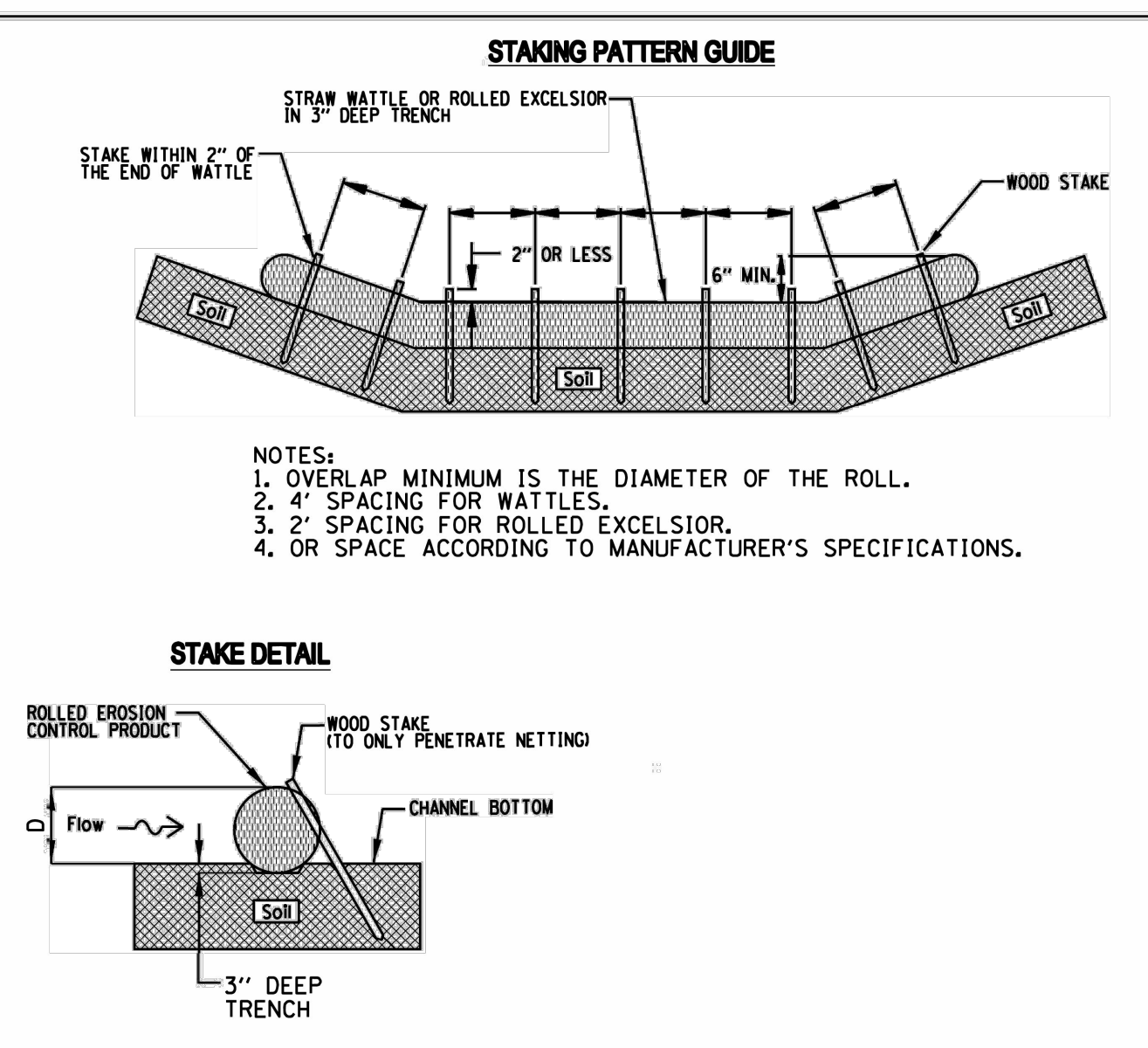
REFERENCE Project _____	DATE _____		STANDARD DWG. NO. IUM-503AP
Designed _____	Date _____		SHEET 2 OF 7
Checked _____	Date _____		DATE 7-9-2012
Approved _____	Date _____		



- NOTES:
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
 2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

REFERENCE Project _____	DATE _____		STANDARD DWG. NO. IUM-514
Designed _____	Date _____		SHEET 1 OF 1
Checked _____	Date _____		DATE 08-2-2019
Approved _____	Date _____		

ROLLED EROSION CONTROL PRODUCTS

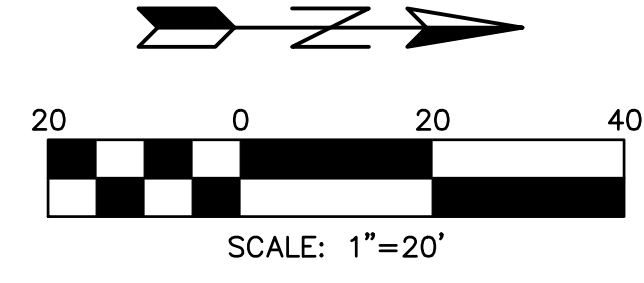


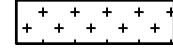


- NOTES:
1. DRAWINGS ARE NOT TO SCALE.
 2. ENDS OF WATTLES OR ROLLED EXCELSIOR SHALL BE TURNED AT LEAST 6" UPSLOPE.
 3. RECOMMENDED STAKES ARE 1 1/8" WIDE x 1 1/8" THICK x 30" LONG.
 4. STAKES SHALL NOT EXTEND ABOVE THE STRAW WATTLE MORE THAN 2".
 5. SPACING: THE TOE OF THE UPSTREAM DITCH CHECK SHALL CREATE A HORIZONTAL LINE WITH THE TOP OF THE DOWNSTREAM DITCH CHECK.

REFERENCE Project _____	DATE _____		STANDARD DWG. NO. IUM-514
Designed _____	Date _____		SHEET 1 OF 1
Checked _____	Date _____		DATE 08-2-2019
Approved _____	Date _____		

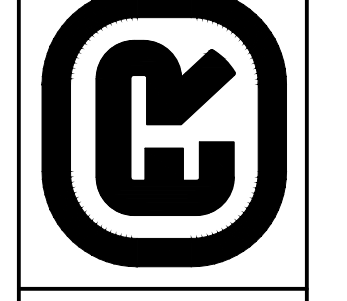
DATE	: 04-01-2006
PROJECT #	: W25143.00
DESIGNED BY	: EP
DRAWN BY	: AEC
CHECKED BY	: EP

DESCRIPTION:	Shore Channel Shoreline Stabilization\CADD\ISHEET\W25143.00_C-6.3_SWPPP_Notes & Details.dwg
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- LEGEND
-  LIMESTONE TERRACE PLUGS (432 S.F.)
 -  IDOT SEEDING, CLASS 1B (0.15 ACRES)
 -  IDOT SEEDING, CLASS 4A (0.03 ACRES)

ENGINEERING
RESOURCE ASSOCIATES
 35701 WEST AVENUE, SUITE 150
 LINCOLNWOOD, ILLINOIS 60468
 PHONE (848) 383-3800
 FAX (848) 383-2152
 www.enrconsultants.com



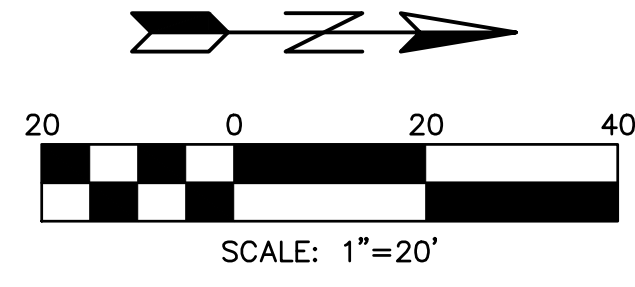
VILLAGE OF LINCOLNWOOD
 7001 NORTH LAWNDALE AVENUE
 LINCOLNWOOD, IL 60712
 (224) 251-0821

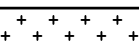


NORTH SHORE CHANNEL SHORELINE STABILIZATION
 6801 N MCCORMICK BLVD, LINCOLNWOOD, IL 60712

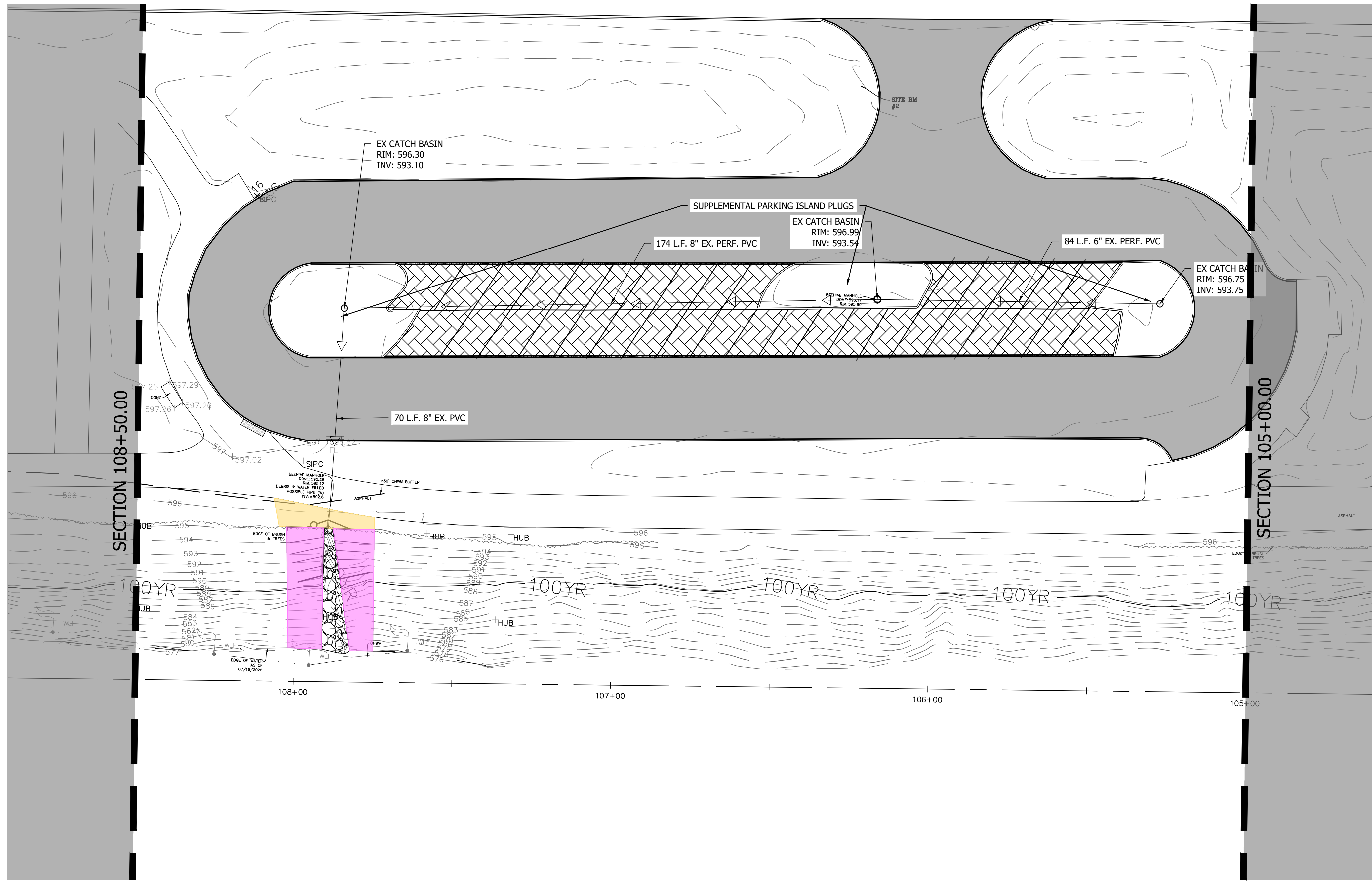
DATE	: 04-01-2026
PROJECT #	: W25143.00
DESIGNED BY	: EP
DRAWN BY	: AEC
CHECKED BY	: EP


PLANTING PLAN

C-7.0
 SHEET

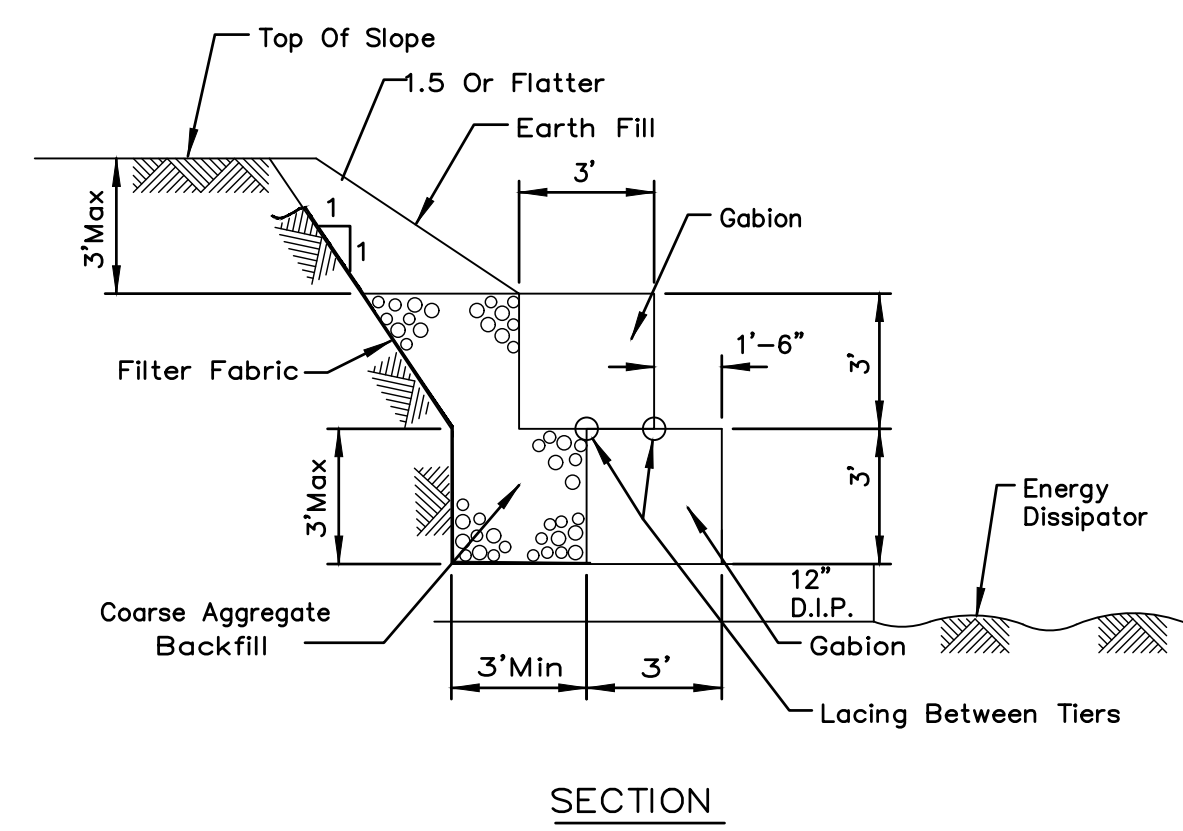


- LEGEND
-  LIMESTONE TERRACE PLUGS (432 S.F.)
 -  IDOT SEEDING, CLASS 1B (0.15 ACRES)
 -  IDOT SEEDING, CLASS 4A (0.03 ACRES)



	ENGINEERING RESOURCE ASSOCIATES <small>35701 WEST AVENUE, SUITE 150 LINCOLNWOOD, ILLINOIS 60468 PHONE (800) 393-3900 FAX (848) 393-2152 www.enrconsultants.com</small>
VILLAGE OF LINCOLNWOOD <small>7001 NORTH LAWDALE AVENUE LINCOLNWOOD, IL 60712 (224) 251-0821</small>	
NORTH SHORE CHANNEL SHORELINE STABILIZATION <small>6801 N MCCORMICK BLVD, LINCOLNWOOD, IL 60712</small>	
DATE : 04-01-2006 PROJECT # : W25143.00 DESIGNED BY : EP DRAWN BY : AEC CHECKED BY : EP	DESCRIPTION: <small>H:\Lincolnwood\W25143.00 North Shore Channel Shoreline Stabilization\CADD\W25143.00 C-7.0 Planting Plan.dwg</small>
C-7.1 SHEET	

STRUCTURAL STREAMBANK STABILIZATION – GABIONS

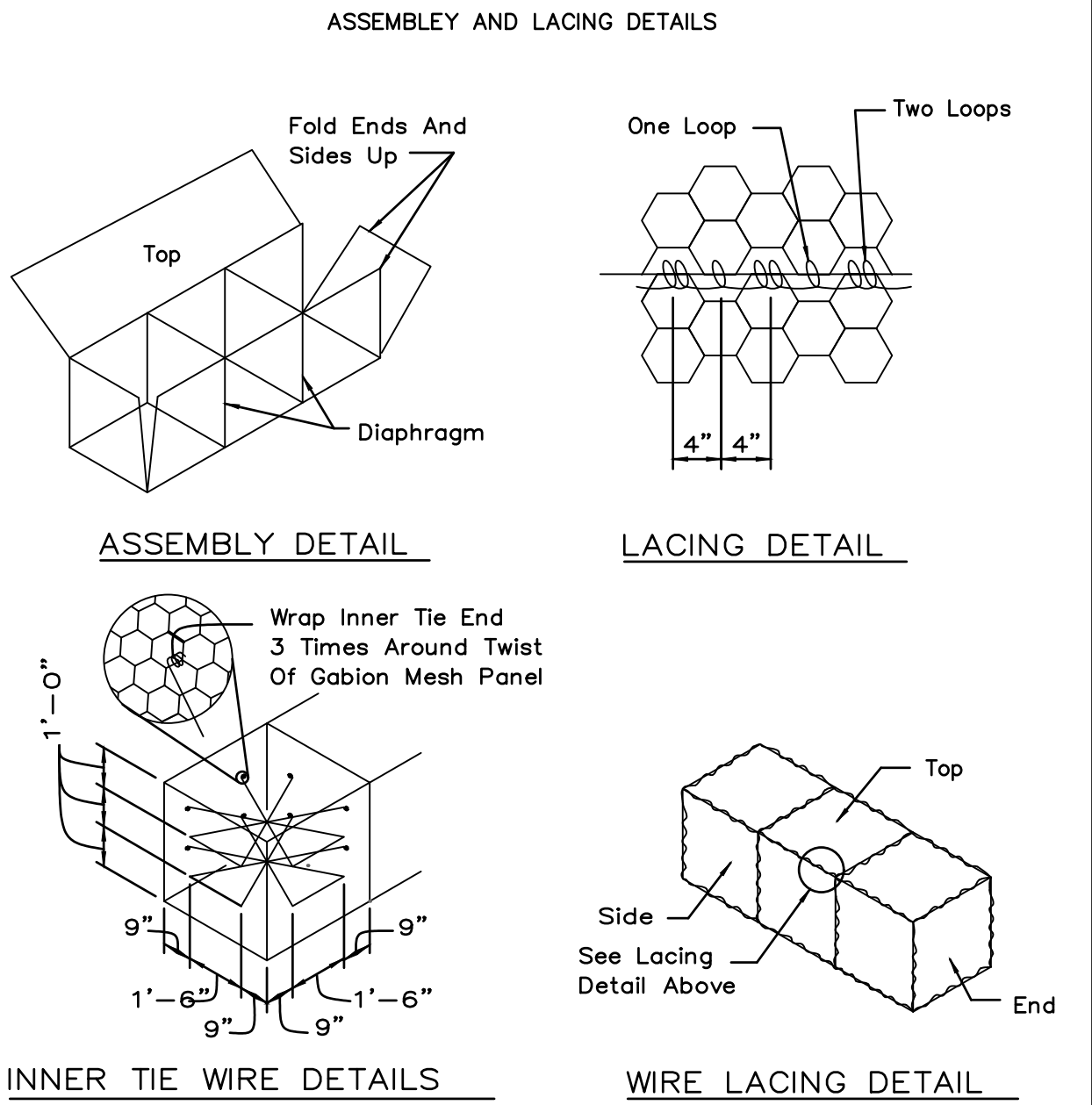


- NOTES:
1. The filter fabric shall meet the requirements in material specification 592 GEOTEXTILE Table 1 or 2, Class I, II or III.
 2. The coarse aggregate backfill shall meet the IDOT requirement for the following gradations CA-1, CA-3 or RR-1.
 3. The Gabions shall be installed according to construction specification 64 WIRE MESH GABIONS.
 4. Baskets which are stacked in tiers shall have vertical seams staggered for each row and tier.
 5. The coarse aggregate backfill shall be placed level with the top of the lower basket before the upper basket is installed.

REFERENCE Project	STANDARD DWG. NO. IL-641
Designed _____ Date _____	SHEET 1 OF 1
Checked _____ Date _____	DATE 5-16-94
Approved _____ Date _____	

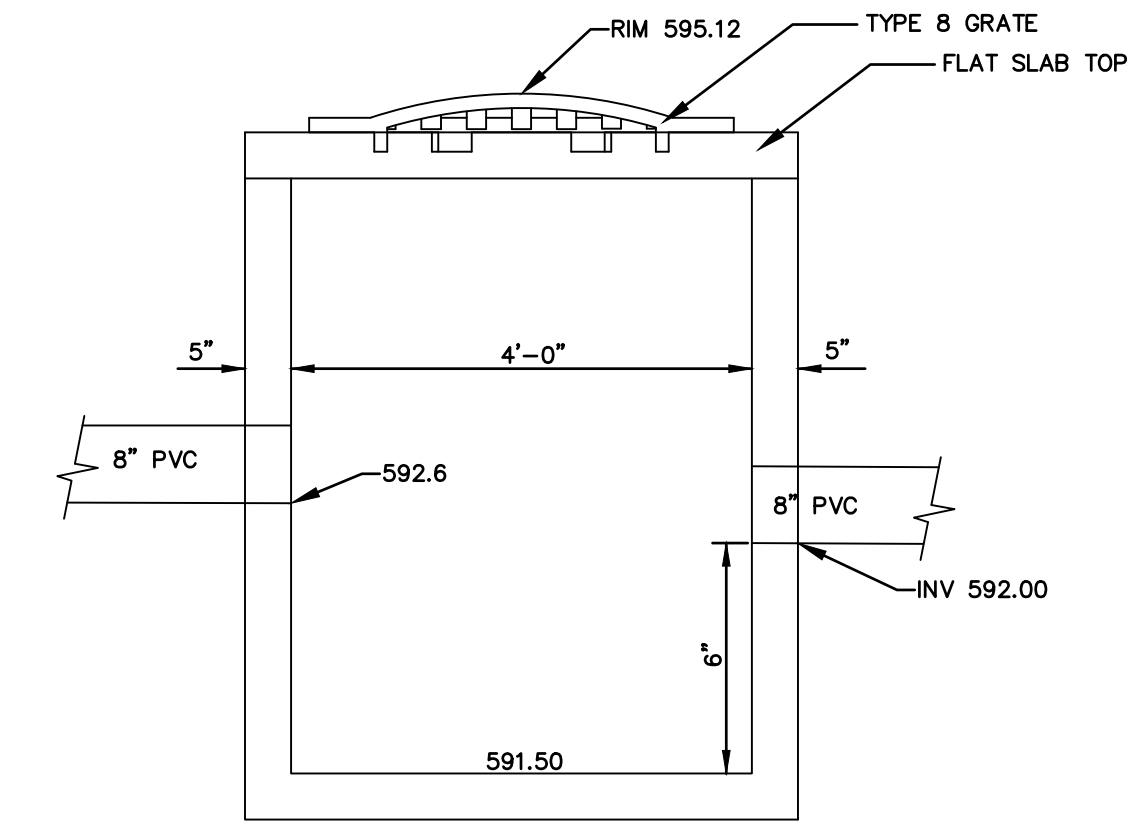


STRUCTURAL STREAMBANK STABILIZATION – GABIONS

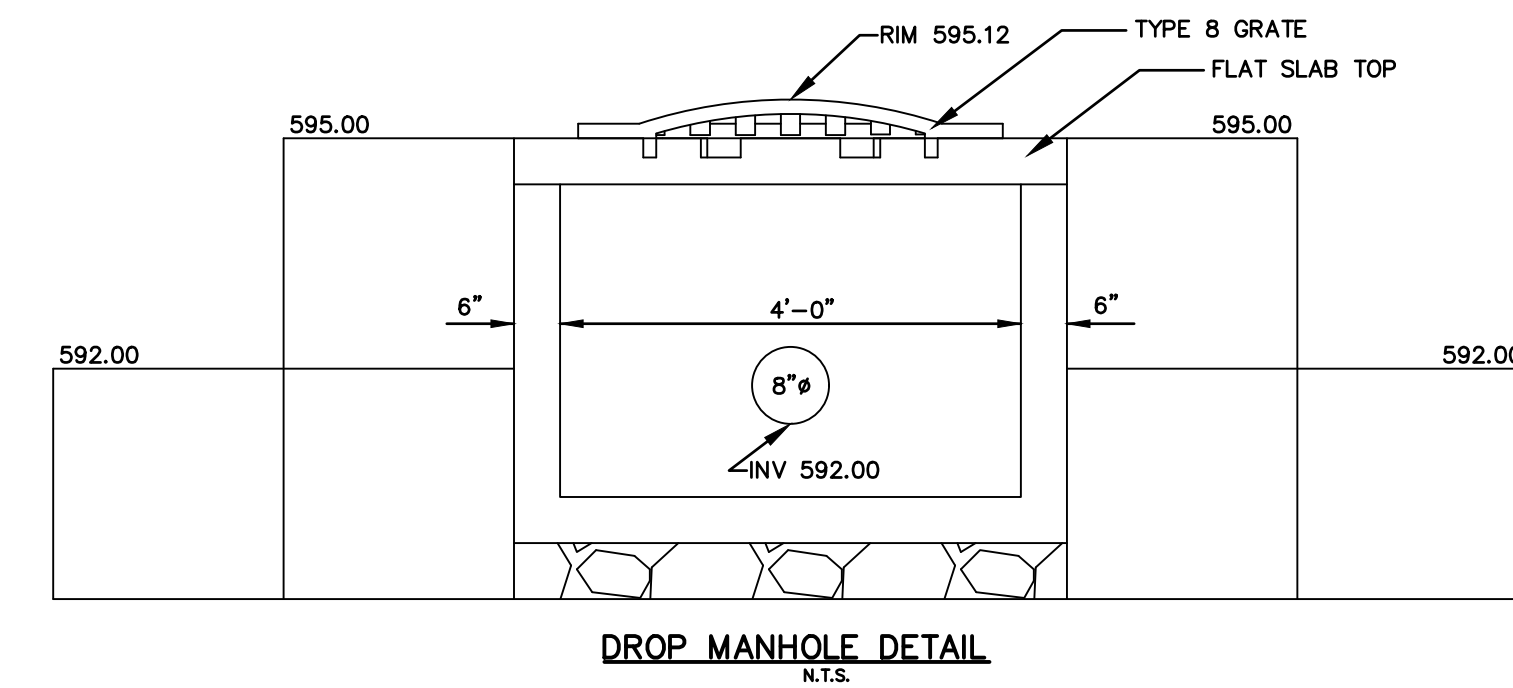


- NOTES
1. The ends of a lacing wire will be secured by looping it thru the mesh and twisting. Proceed to lace with alternate two loops and one loop at approximately 4 inch intervals.
 2. Other lacing methods may be used if recommended by the manufacturer and approved by the engineer/inspector.
 3. The "X" shaped inner tie may be twisted at the "X" to tighten, if placed too loosely.

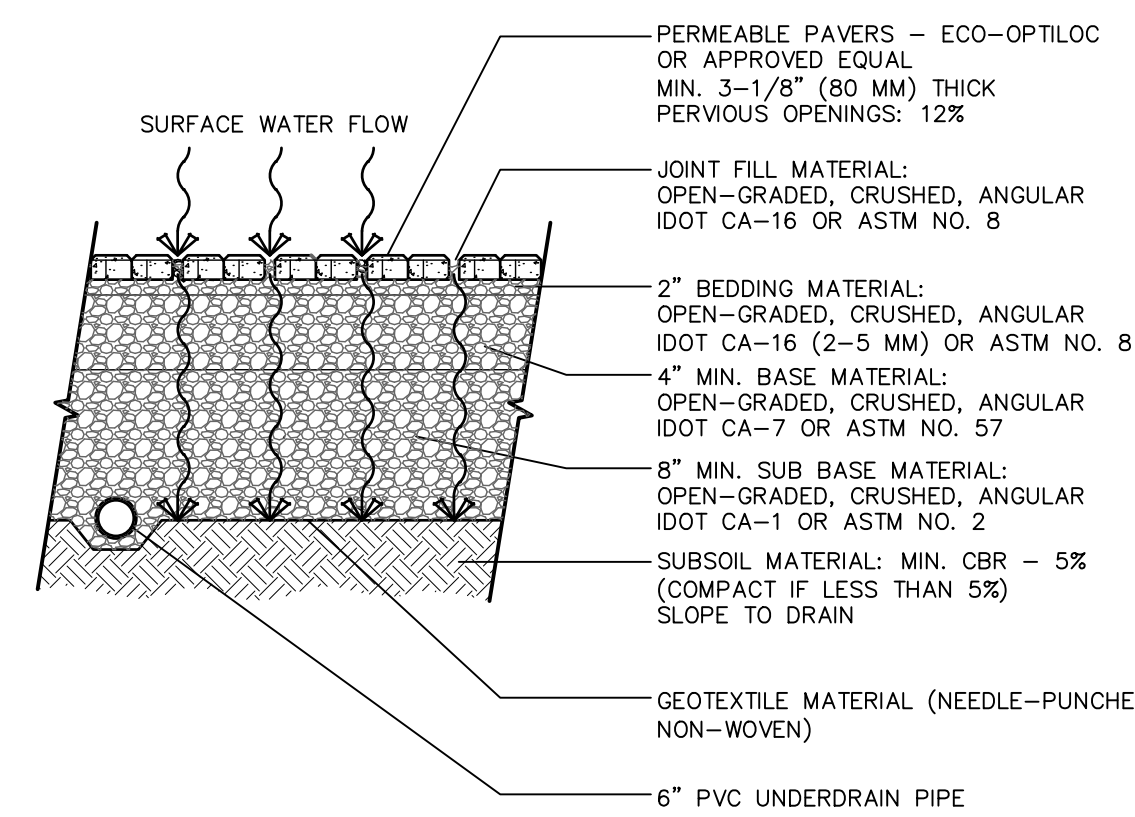
REFERENCE Project	STANDARD DWG. NO. IL-645
Designed _____ Date _____	SHEET 1 OF 1
Checked _____ Date _____	DATE 5-18-94
Approved _____ Date _____	



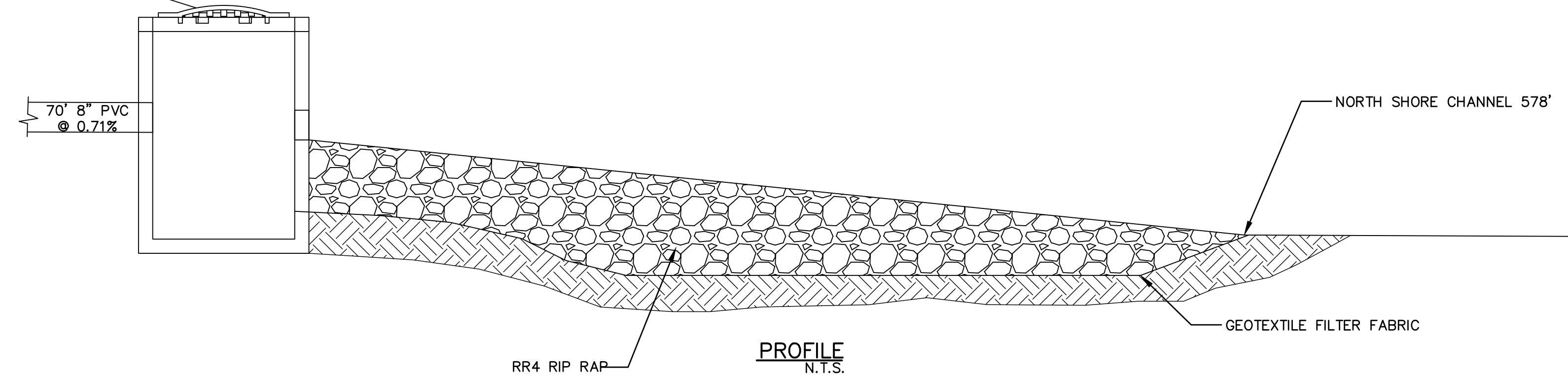
REBAR REINFORCEMENT SHALL BE IN ACCORDANCE WITH I.D.O.T. HIGHWAY STANDARD # 602401-02, MANHOLE TYPE A
SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL.



DROP MANHOLE DETAIL N.T.S.



PERMEABLE PAVER DETAIL NOT TO SCALE



PROFILE N.T.S.

DATE	04-01-2006
PROJECT #	W25143.00
DESIGNED BY	EP
DRAWN BY	AEC
CHECKED BY	EP

DESCRIPTION:	North Shore Channel Shoreline Stabilization
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CONSTRUCTION DETAILS

C-8.0 SHEET