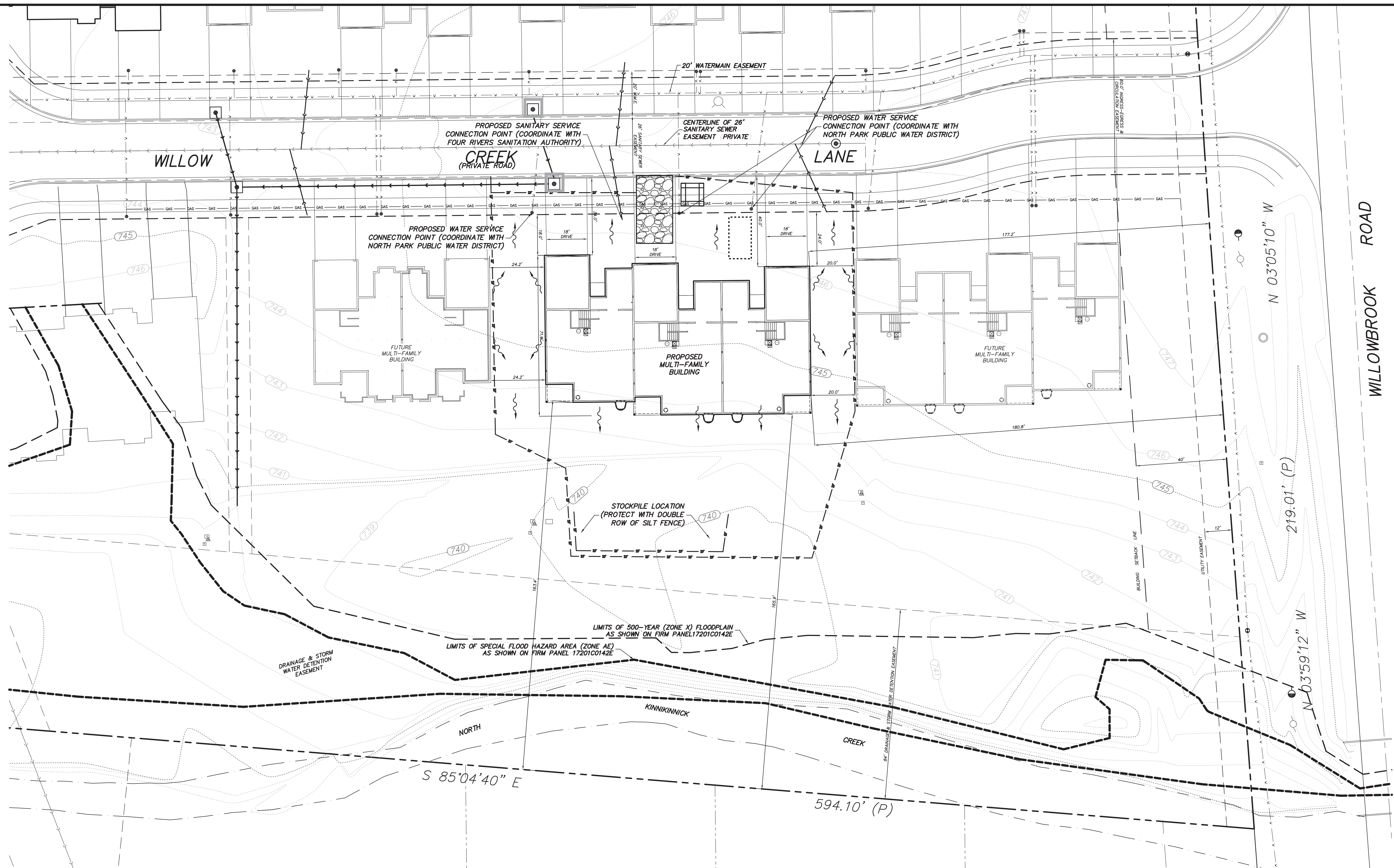


C:\Land Projects\2008\1507\Grp Master\Wbse\Crk\dwg\150701 WITH MYERS BUILDING_L_1712.DWG 7/8/2024 10:18:16 AM JCW



SCALE: 1" = 20'

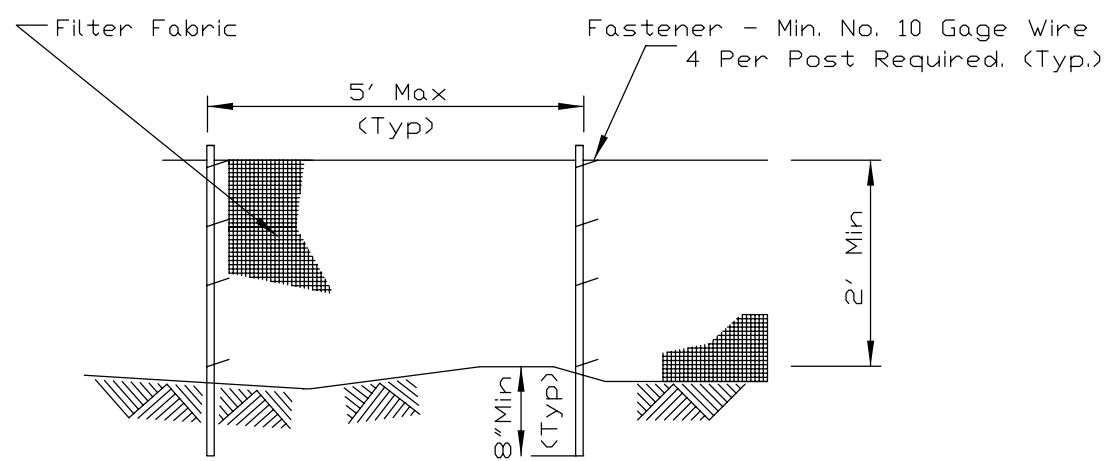
Exhibit "A"
Site Plan & Erosion Control
5729-5733 Willow Creek Lane
Application #: ZBA 24-007

LEGEND	
	PROPERTY LINE
	EXISTING WATER SERVICE
	EXISTING SANITARY SEWER SERVICE
	CONTOUR AT 2' INTERVAL
	SILT FENCE
	INLET PROTECTION
	TEMPORARY CONCRETE WASHOUT
	TEMPORARY DITCH CHECK
	CONSTRUCTION ENTRANCE
	GRAVEL PAD 16'X30'

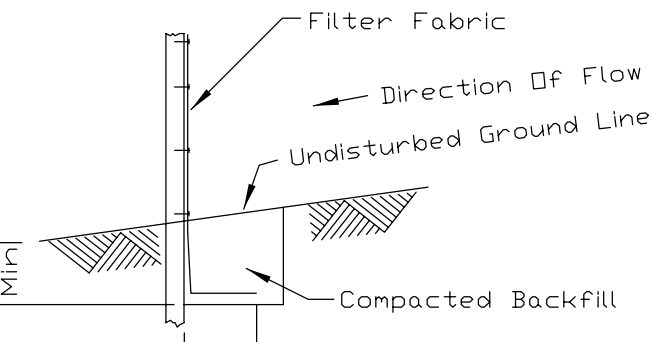
JOBSITE DUMPSTER

VILLAS OF WILLOW CREEK		EROSION CONTROL PLAN FOR	
BEING A SUBDIVISION OF PART OF THE S.E. 1/4		CONSTRUCTION OF MULTIFAMILY	
OF SECTION 28-46-2		RESIDENTIAL BUILDING	
VILLAGE OF ROSCOE, ILLINOIS		R.K. JOHNSON & ASSOCIATES, INC.	
REVISIONS		CONSULTING CIVIL ENGINEERS - LAND SURVEYORS	
		1515 WINDSOR ROAD LOVES PARK, ILLINOIS 61111	
		(815) 633-5097 - www.rkjohnsonassociates.com	
		ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004994	
		DRAWN BY: JCW	
		CHECKED BY:	
		ISSUED FOR FIRST REVIEW	
		ISSUE DATE: 7/8/2024	
		PROJECT NO.: 15057	

SILT FENCE PLAN

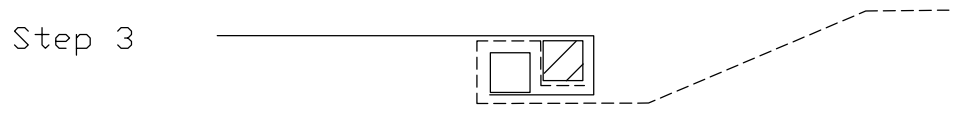
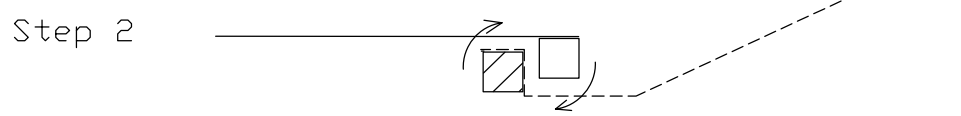
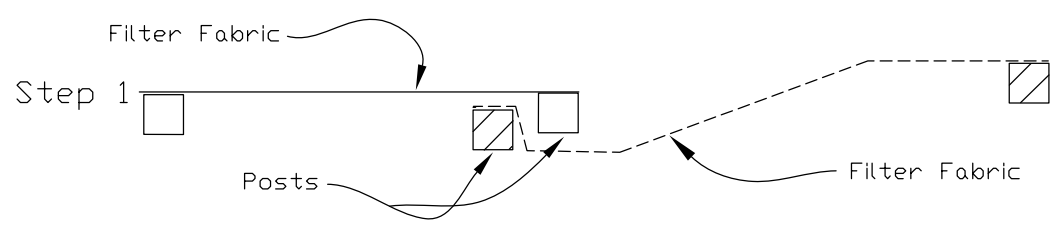


ELEVATION



FABRIC ANCHOR DETAIL

- 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 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 40 for woven.
 3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.



ATTACHING TWO SILT FENCES

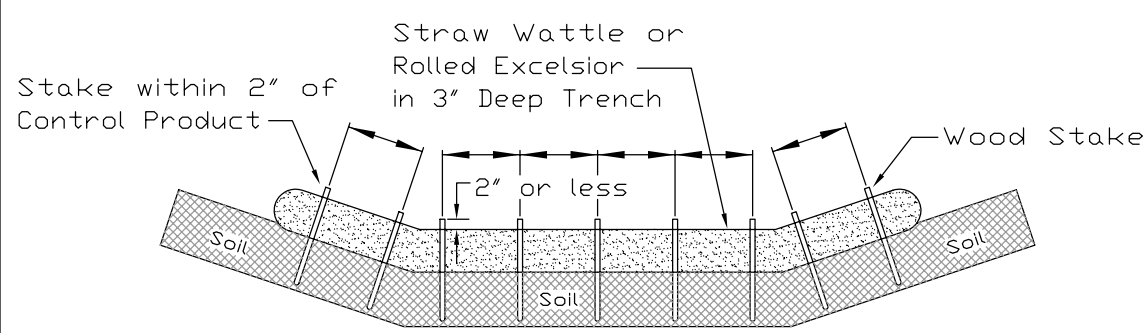
1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Cut the fabric near the bottom of the stakes to accommodate the 6" flap.
4. Drive both posts a minimum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

REFERENCE	Project	Date
Designed	_____	_____
Checked	_____	_____
Approved	_____	_____



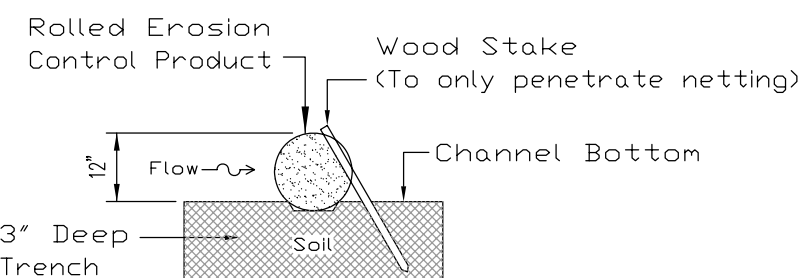
STANDARD DWG. NO.	IUM-620A
SHEET 1 OF 1	DATE 3-16-2012

ROLLED EROSION CONTROL PRODUCTS



NOTES:

1. Overlap minimum is the diameter of the roll.
2. 4' spacing for wattles.
3. 2' spacing for rolled excelsior.
4. Or space according to manufacturer's specifications.
5. The end of the Rolled Erosion Control Product shall be a minimum of 6' above the top of the center of the installed product.



NOTES:

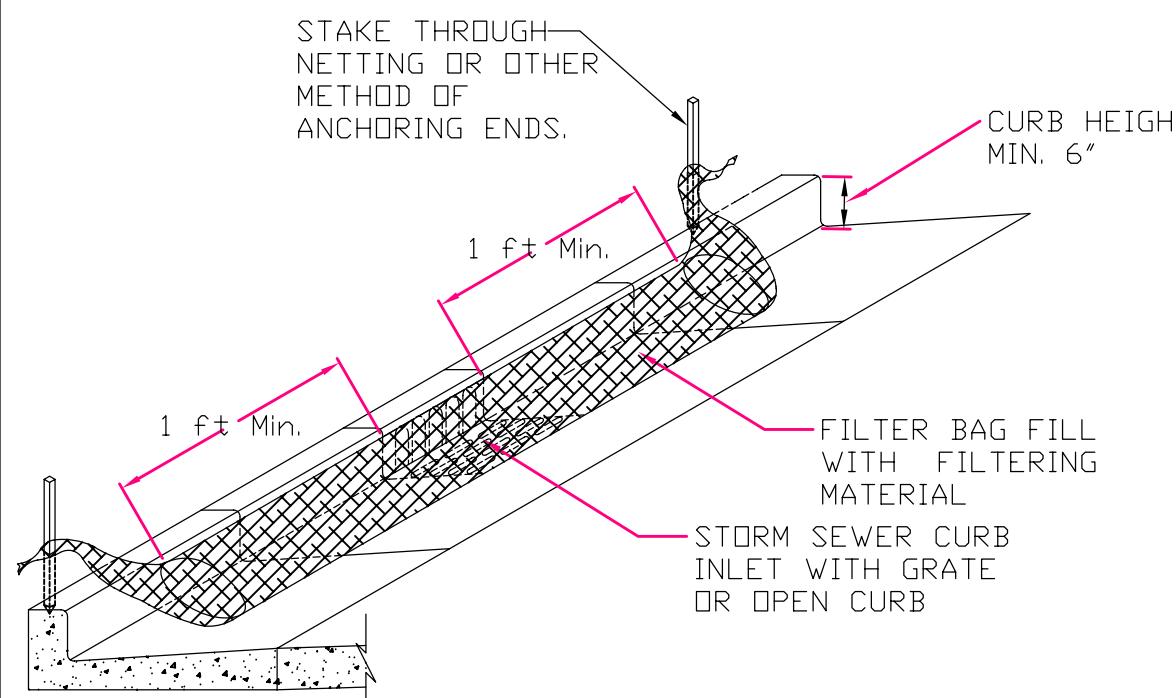
1. Drawings are not to scale.
2. Ends of wattles or rolled excelsior shall be turned at least 6' upslope.
3. Recommended stakes are 1 1/8" wide x 1 1/8" thick x 30" long.
4. Stakes shall not extend above the straw wattle more than 2'.
5. Spacing: The toe of the upstream ditch check shall create a horizontal line with the top of the downstream ditch check.

REFERENCE	Project	Date
Designed	_____	_____
Checked	_____	_____
Approved	_____	_____



STANDARD DWG. NO.	IUM-514
SHEET 1 OF 1	DATE 8-08-11

INLET PROTECTION – PAVED AREAS CURB PROTECTION

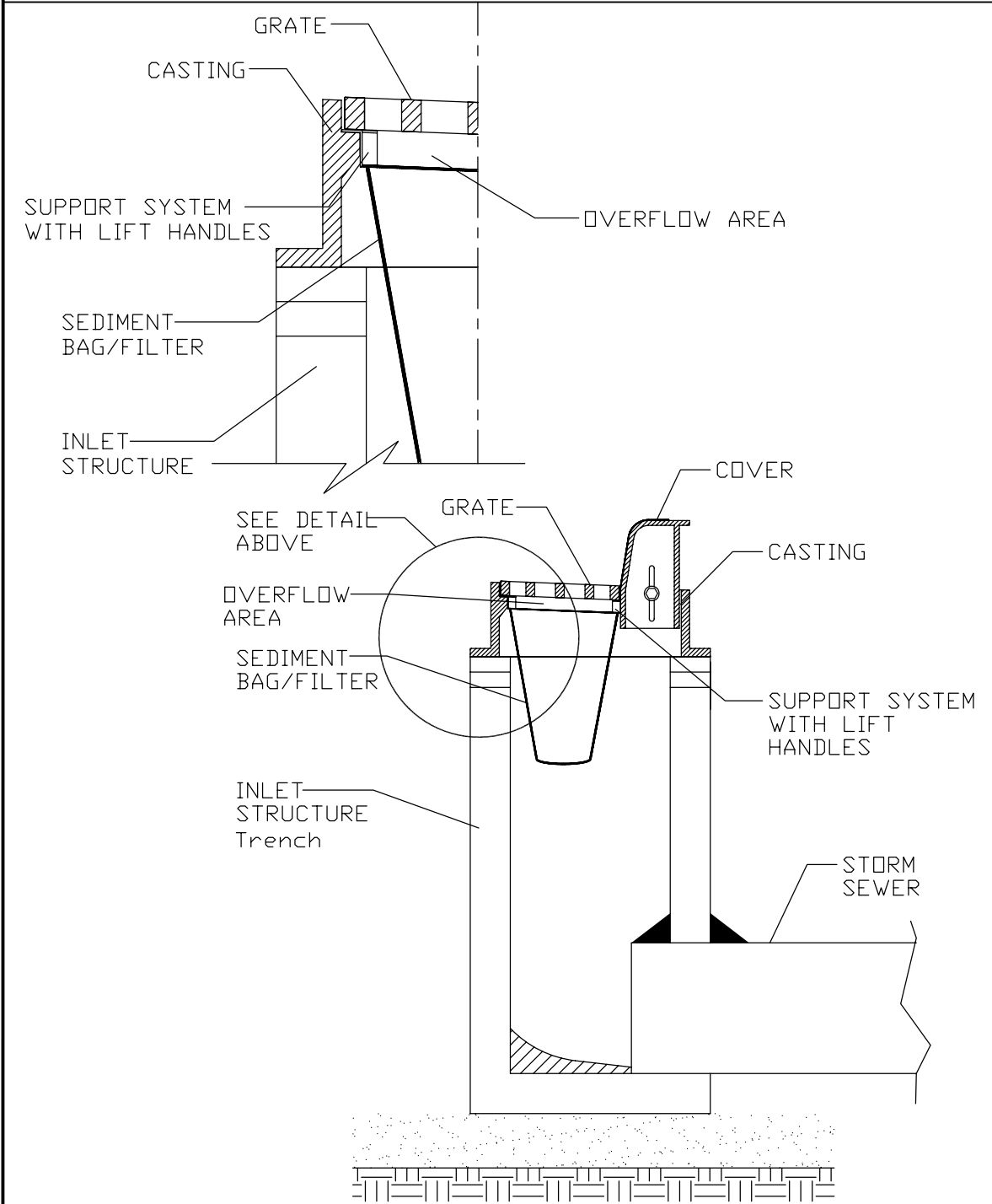


REFERENCE	Project	Date
Designed	_____	_____
Checked	_____	_____
Approved	_____	_____



STANDARD DWG. NO.	IUM-561C
SHEET 1 OF 1	DATE 01-11-11

INLET PROTECTION – PAVED AREAS DROP-IN PROTECTION



REFERENCE	Project	Date
Designed	_____	_____
Checked	_____	_____
Approved	_____	_____



STANDARD DWG. NO.	IUM-561D
SHEET 1 OF 1	DATE 01-11-11

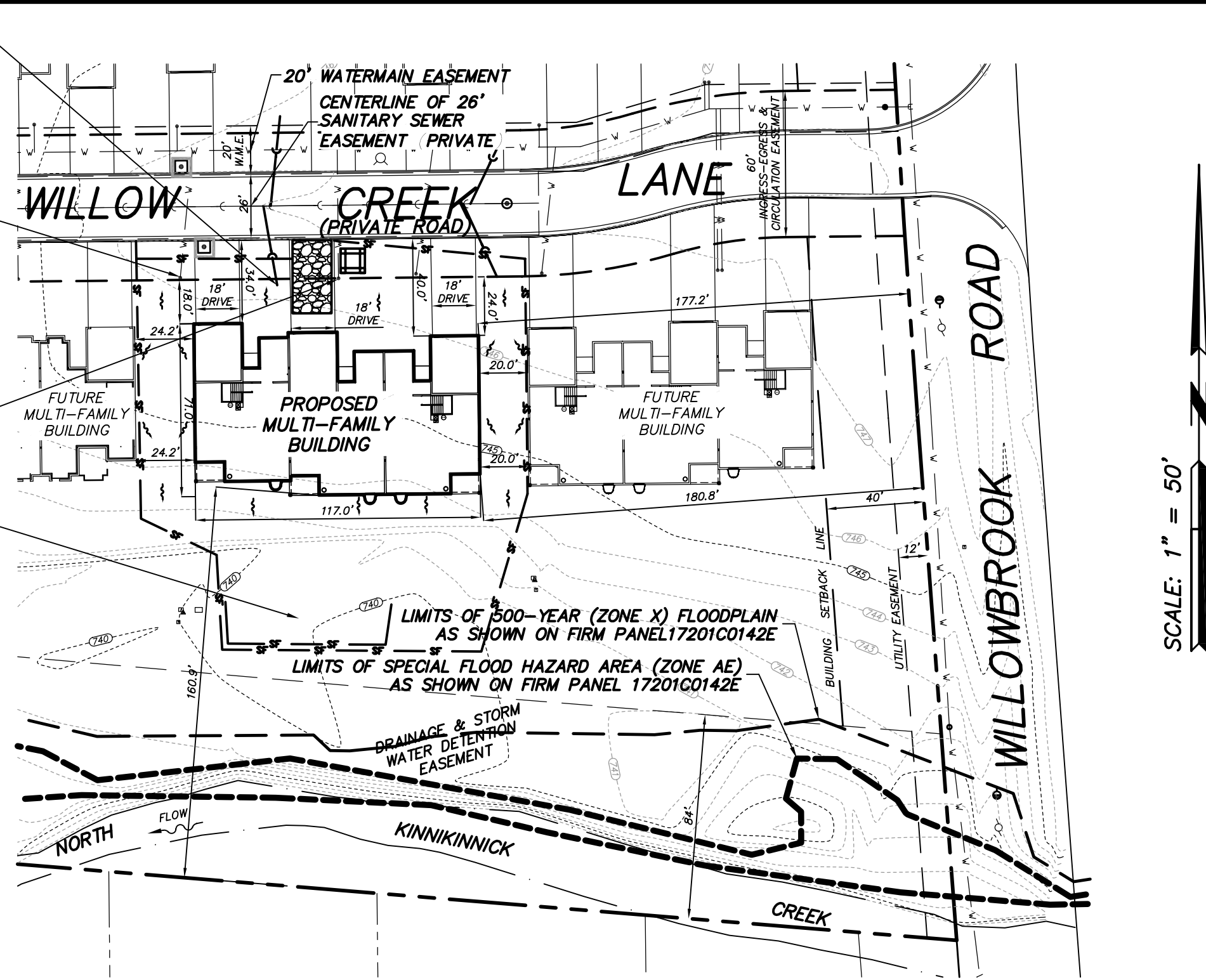
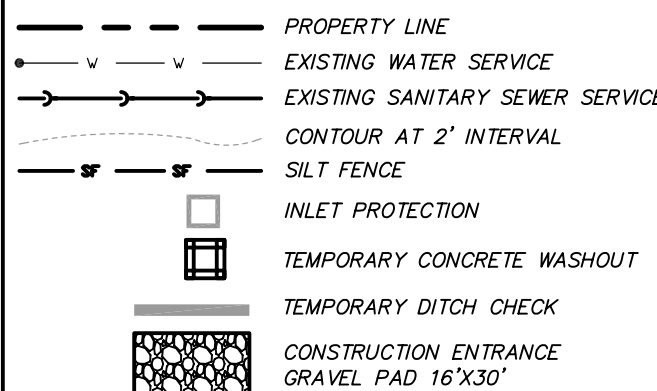
PROPOSED SANITARY SERVICE CONNECTION POINT (COORDINATE WITH FOUR RIVERS SANITATION AUTHORITY)

PROPOSED WATER SERVICE CONNECTION POINT (COORDINATE WITH NORTH PARK PUBLIC WATER DISTRICT)

PROPOSED WATER SERVICE CONNECTION POINT (COORDINATE WITH NORTH PARK PUBLIC WATER DISTRICT)

STOCKPILE LOCATION (PROTECT WITH DOUBLE ROW OF SILT FENCE)

LEGEND



50' SCALE SITE PLAN SEE 20' SCALE SITE PLAN SHEET 2 OF 2

GENERAL NOTES:

1. THIS PROJECT ENTAILS THE CONSTRUCTION OF MULTIFAMILY RESIDENTIAL BUILDINGS, PRIVATE ROAD, PUBLIC SANITARY SEWER AND WATER MAINS WITH PRIVATE SERVICES IN THIS EXISTING SUBDIVISION. THE SUBDIVISION INFRASTRUCTURE (MASS GRADING, ROADWAYS, INSTALLATION OF SANITARY SEWER AND WATER MAIN, ETC.) WAS COMPLETED UNDER A SEPARATE PROJECT.
2. CONTRACTOR SHALL NOTIFY THE VILLAGE OF ROSCOE & OWNERS REPRESENTATIVE 48 HOURS PRIOR TO START OF CONSTRUCTION. OWNERS REPRESENTATIVE SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF RESUMING WORK AFTER STOPPAGE AND BEFORE ANY PAVING OR CONCRETE WORK. PAVING, WALKS OR CURB INSTALLED WITHOUT OWNER REPRESENTATIVE APPROVAL OF SUBGRADE, BASE COURSE, FORM OR STRING LINES MAY BE REJECTED FOR PAYMENT.
3. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH VILLAGE AND IEPA STANDARD SPECIFICATIONS AND REQUIREMENTS.
4. ALL WORK SHALL BE GUARANTEED BY THE CONTRACTOR FOR ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER AND CITY.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS & JOBSITE SAFETY AND ANY AND ALL DAMAGE TO EXISTING FACILITIES RESULTING FROM THE PERFORMANCE OF WORK UNDER THIS CONTRACT. CONTRACTOR SHALL CARRY LIABILITY INSURANCE NAMING OWNER, ARCHITECT AND ENGINEER AS ADDITIONAL INSUREDS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS, INCLUDING CONNECTION PERMITS FROM THE FOUR RIVERS SANITATION AUTHORITY (FRSA) AND THE NORTH PARK PUBLIC WATER DISTRICT (NPPWD). IN ADDITION TO THESE DRAWINGS AND THE STANDARDS REFERENCED HEREIN, ALL WORK MUST BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PERMITS.
7. CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR UTILITY RELOCATIONS REQUIRED BY THE WORK IN THIS CONTRACT.
8. CONTRACTOR SHALL CLEAN SITE AND REMOVE ALL EXCESS MATERIAL AND DEBRIS. FINAL PAYMENT WILL BE WITHHELD UNTIL SITE CLEAN UP IS ACCEPTED BY THE OWNER. EXCESS MATERIAL INCLUDES PIPE, STRUCTURES, GRAVEL, BLACKTOP AND EARTH NOT USED IN IMPROVEMENTS OR TO ACHIEVE PLAN GRADES.
9. PRIVATE DRIVEWAYS SHALL CONSIST OF:
 - 1.5" HMA SURFACE COURSE
 - 1.5" HMA BINDER COURSE
 - 8" COMPACTED AGGREGATE BASE COURSE (DOT GRADATION CA-6)
10. ADJACENT ROADWAYS SHALL BE INSPECTED AT THE END OF EACH WORK DAY. PAYMENT SHALL BE CLEANED OR SWEEP AS NECESSARY TO PREVENT TRACK-OFF OF SEDIMENT.
11. DURING THE REQUIRED EROSION CONTROL INSPECTIONS, THE EXISTING STORM WATER DETENTION AREA SHALL BE OBSERVED. IF STORM WATER RUNOFF FLOWING INTO THE POND IS CARRYING SEDIMENT, PROTECTION OF THE DISCHARGE CULVERT SHALL BE INSTALLED AS SHOWN ON THE DRAWINGS. IF RUNOFF FLOWING INTO THE POND IS CLEAR AND FREE OF SEDIMENT, PROTECTION OF THE DISCHARGE CULVERT IS NOT REQUIRED.
12. ROLLED EROSION CONTROL PRODUCTS SHALL BE INSTALLED AS TEMPORARY DITCH CHECKS TO PROVIDE SEDIMENT CONTROL IN THE PROPOSED DRAINAGE SWALES. THE TEMPORARY DITCH CHECKS SHALL BE RELOCATED AS NEEDED TO MATCH THE SITE GRADING.
13. THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN A TEMPORARY CONCRETE WASHOUT FACILITY PER IUM PRACTICE STANDARD 954. THE LOCATION OF THE WASHOUT FACILITY SHOWN ON THE DRAWING IS APPROXIMATE AND MAY BE RELOCATED AS NEEDED BY THE CONTRACTOR.
14. AFTER THE LAWN VEGETATION HAS BEEN ESTABLISHED TO PROVIDE A MINIMUM OF 70% COVERAGE OVER THE ENTIRE SITE, THE OWNER SHALL FILE A NOTICE OF TERMINATION FORM WITH THE IEPA. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL NOTICE OF TERMINATION FORM HAS BEEN ACCEPTED.

EROSION CONTROL NOTES:

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL (IUM) AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). PLEASE NOTE THAT THE SWPPP IS A SEPARATE WRITTEN DOCUMENT THAT IS NOT PART OF THIS PLAN SET.
2. IT IS ANTICIPATED THAT THIS PROJECT WILL BE CONDUCTED IN PHASES, WITH A SMALL NUMBER OF RESIDENTIAL BUILDINGS UNDER CONSTRUCTION AT ANY GIVEN TIME. EROSION CONTROL BEST MANAGEMENT PRACTICES (BMPs) SHALL BE APPLIED ONLY FOR ACTIVE IMPROVEMENT SITES.
3. THE EROSION AND SEDIMENT CONTROL PLAN IS DYNAMIC AND CAN BE CHANGED TO MEET DIFFERING SITE CONDITIONS.
4. SILT FENCE AND INLET PROTECTION FOR A GIVEN WORK AREA SHALL BE INSTALLED PRIOR TO THE START OF EARTH-DISTURBING ACTIVITIES WITHIN THE SAME WORK AREA.

VILLAS OF WILLOW CREEK
BEING A SUBDIVISION OF PART OF THE S.E. 1/4
OF SECTION 28-46-2
VILLAGE OF ROSCOE, ILLINOIS

**EROSION CONTROL PLAN FOR
CONSTRUCTION OF MULTIFAMILY
RESIDENTIAL BUILDING**

R.K. JOHNSON & ASSOCIATES, INC.
CONSULTING CIVIL ENGINEERS - LAND SURVEYORS
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(815) 633-5097 - www.rkjohnsonassociates.com
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-004994

DRAWN BY:	JCW
CHECKED BY:	
ISSUED FOR PERMIT REVIEW:	7/8/2024
ISSUE DATE:	
PROJECT NO.:	15057

1 OF 2