

STORM WATER POLLUTION PREVENTION PLAN NOTES:

GENERAL PROJECT INFORMATION:

PROJECT NARRATIVE:

This project includes the construction and re-construction of Myrick Park playground and immediate surrounding area. This consists of new surfacing, playground features/equipment, sidewalk, curb and gutter, site utilities, grading, stormwater management, restoration, erosion control, and any incidental work.

RESPONSIBLE PARTIES:

Project does not require a Wisconsin Pollution Discharge Elimination System (WPDES) Stormwater Construction Permit from the WDNR

Contractor shall identify a person knowledgeable and experienced in the application of erosion prevention and sediment control BMP's who will oversee the implementation and inspection of the SWPPP.

Company: _____ Contact Person: _____
Phone: _____

Company: _____ Contact Person: _____
Phone: _____

Owner shall identify the entity responsible for the long term Operation and Maintenance of the storm water management system.

Company: _____ Contact Person: _____
Phone: _____

PROJECT AREAS:

Total project size (disturbed area) = .83 acres
Existing area of impervious surface = .64 acres
Post construction area of impervious surface = .76 acres

.12 acres of impervious area is added to the site.

RECEIVING WATERS:

Surface waters which will receive storm water from the site within 1 mile (aerial radius measurement) of project boundary. Include waters shown on USGS 7.5 minute quad and all special or impaired waters.

Name of Water Body	Type (ditch, pond, lake, etc.)	Special/Impaired Water?
Mississippi River	River	Impaired

SOIL TYPES:

Loam
Silty Loam

CONSTRUCTION ACTIVITY NOTES:

EROSION PREVENTION:

Construction of silt fence and all other erosion control measures shall be complete before other construction activity occurs. Use phased construction wherever practical and establish turf as soon as possible to minimize sediment transport.

Temporary cover during construction is incidental.

Pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours after connection to a surface water.

All exposed soils shall be seeded or sodded at the earliest possible time to prevent/reduce erosion.

Refer to Erosion Control Plan sheet C1-30 for restoration items.

Temporary mulching shall be applied at construction staging area. Mulch shall be disc anchored.

Additional erosion prevention measures may be found in the permit and WDNR's Best Management Practices.

SEDIMENT CONTROL PRACTICES:

Construction of silt fence and all other erosion control measures shall be complete prior to land disturbing activities occur.

A tracking pad entrance or other approved alternative must be constructed at the entry point to the project site.

Inlet erosion protection shall be installed and maintained until turf or pavement has been established.

The contractor shall be responsible to control erosion from leaving the construction zone. All eroded material that leaves the construction zone shall be collected by the contractor and returned to the site at the contractor's expense.

Contractor shall maintain a 50-foot natural buffer or use redundant sediment controls near surface waters if a buffer is not feasible.

Contractor shall take the necessary steps to minimize soil compaction and preserve topsoil on site.

All streets must be swept within 24 hours when any tracking occurs.

Silt fence or other effective erosion control measures must be installed around the perimeter of any soil stockpiled, including temporary stockpiles, at this location or any other on the project site. Stockpiles cannot be placed in surface waters, including storm water conveyances such as curb and gutter systems, or conduits and ditches.

DE-WATERING AND BASIN DRAINING:

De-water sediment-laden water to sedimentation basin if possible, or use other BMP's to prevent erosions when discharging to surface waters. Use appropriate energy dissipation measures on all discharges.

De-watering practices cannot cause nuisance conditions, or erosion in receiving channels or inundation of wetlands resulting in adverse impacts.

CONSTRUCTION ACTIVITY NOTES:

POLLUTION PREVENTION:

All solid waste collected from the construction site must be disposed in accordance with all applicable regulations.

All hazardous materials (oil, gasoline, fuel, paint, etc) must be properly stored to prevent spills, leaks, or other discharge. Storage areas shall provide secondary containment and a hazardous materials spill kit. Equipment fueling and maintenance shall occur in a designated, contained area. Storage and disposal of hazardous waste must be in compliance with all applicable regulations. All runoff containing any hazardous material must be properly collected and disposed. No engine degreasing shall be allowed on site.

All sanitary wastes must be collected from portable units on site by a licensed sanitary waste management contractor. The units must be secured and shall be maintained on a regular basis as needed to prevent overflowing.

Emergency Spill Plan - The Contractor is responsible for all construction personnel to be informed of the manufacturers' recommended spill cleanup methods, and the location of that information and cleanup supplies. If a spill occurs, the following steps shall be followed:

1. Observe the safety precautions associated with the spilled material. Stop the source of the spill, if you can do so safely. Call 911 if fire or public safety hazards are created.
2. Contain the spilled material. Dirt, sand, or any semi-impermeable material may be used to create a containment structure to prevent the material from flowing.
3. Report the spill to the Wisconsin Department of Natural Resources.
4. Clean up the spilled material and dispose of the wastes properly. With the exception of used oil, waste generated from petroleum spills that have been reported and cleaned up immediately are exempt from Wisconsin's Hazardous Waste Rules. Waste generated from used oil spills must be sent to a facility for energy recovery.

The contractor is responsible for monitoring air pollution and ensuring it does not exceed levels set by local, state, or federal regulations. This includes dust created by work being performed on the site. Air pollution and dust control correction is considered incidental to the unit bid prices for which work is being performed. Additional dust control measures may be required by the Engineer.

Provide Dust Control in areas of concrete removal, slurry control, and clean-up of concrete slurry immediately upon completion.

Concrete washout on site. All liquid and solid wastes generated by concrete washout operations must be contained in a leak-proof containment facility or impermeable liner. The liquid and solid wastes must not contact the ground, and there must not be runoff from the concrete washout operations areas. Liquid and solid wastes must be disposed of properly and in compliance with WDNR regulations. A sign must be installed adjacent to each washout facility to inform concrete equipment operators to utilize the proper facilities.

INSPECTION AND MAINTENANCE:

The Contractor is Responsible for the implementation of the Erosion Control Plan including inspections and maintenance.

The Contractor must routinely inspect the construction site once every seven (7) days during active construction and within 24 hours of a rainfall event greater than 0.5 inches in a 24 hour period.

All inspections performed during construction must be recorded and records retained on site. Contractor is responsible for keeping a record of all rainfall data & erosion control maintenance until final establishment of turf.

All silt fences must be repaired, replaced, or supplemented when they become nonfunctional or the sediment reaches 2/3 of the height of the fence. Erosion control and other BMP's must be replaced, repaired, or supplemented when they reach 33% design load.

FINAL STABILIZATION:

The Contractor must ensure final stabilization of the site. The contractor must submit a Notice of Termination when the site has undergone final stabilization and all stormwater discharges associated with the construction site activities that require to have WPDES coverage have ceased.

All temporary erosion control measures and BMP's must be removed as part of the final site stabilization.

The stormwater permit further defines final stabilization and its requirements.

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PROJECT

CONSERV FS

KANSASVILLE WI

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

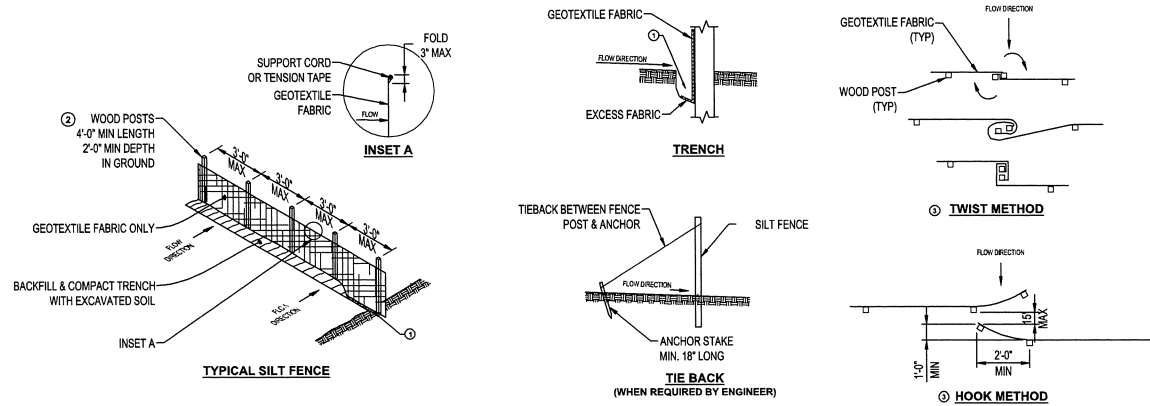
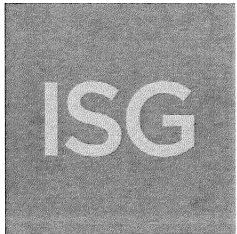
PROJECT NO.	22-28114
FILE NAME	28114 C1 SWPPP
DRAWN BY	MJE
DESIGNED BY	MJE
REVIEWED BY	KR
ORIGINAL ISSUE DATE	09/20/23
CLIENT PROJECT NO.	-

TITLE

EROSION CONTROL NOTES

SHEET

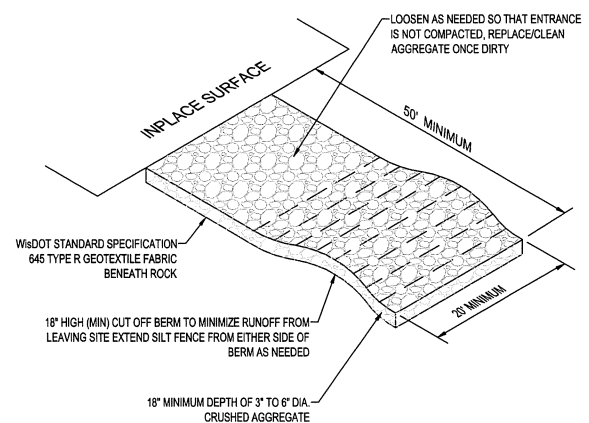
C1-10



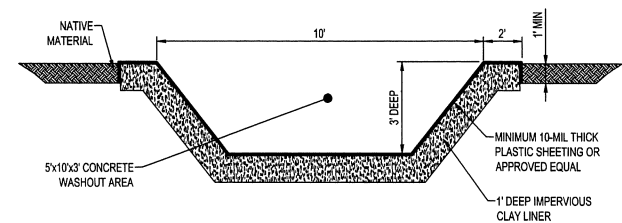
NOTES:

- ATTACH FABRIC TO THE POSTS WITH WIRE STAPLES OR WOODEN LATH & NAILS. ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS.
- 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.
- FOR MANUAL INSTALLATIONS, TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY & ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH, BACKFILL, & COMPACT TRENCH WITH EXCAVATED SOIL.
- WOOD POST SHALL BE A MINIMUM SIZE OF 1 1/2" x 1 1/2" OF OAK OR HICKORY.
- CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS.
 - A. TWIST METHOD - OVERLAP THE END POSTS & TWIST, OR ROTATE AT LEAST 180°.
 - B. HOOK METHOD - HOOK END OF EACH SILT FENCE LENGTH.

SILT FENCE
NTS



ROCK TRACKING PAD
NTS



NOTES:

- CONCRETE WASHOUT LOCATION WILL BE APPROVED BY ENGINEER.
- CONTRACTOR SHALL INSTALL A SIGN INDICATING THE CONCRETE WASHOUT AREA.
- CONTRACTOR SHALL MAINTAIN WASHOUT AREA TO REMOVE MATERIALS BEYOND 75% CAPACITY.
- WASHOUT AREA SHALL NOT BE PLACED WITHIN 50' OF STORM DRAINS, OPEN DITCHES OR BODIES OF WATER.
- CONTRACTOR SHALL INSPECT WASHOUT AREA AS NECESSARY TO PREVENT LEAKS AND OVER TOPPING.
- WASHOUT AREA SHALL BE REMOVED AFTER CONSTRUCTION IS COMPLETE.

CONCRETE WASHOUT
NTS

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EROSION CONTROL DETAILS

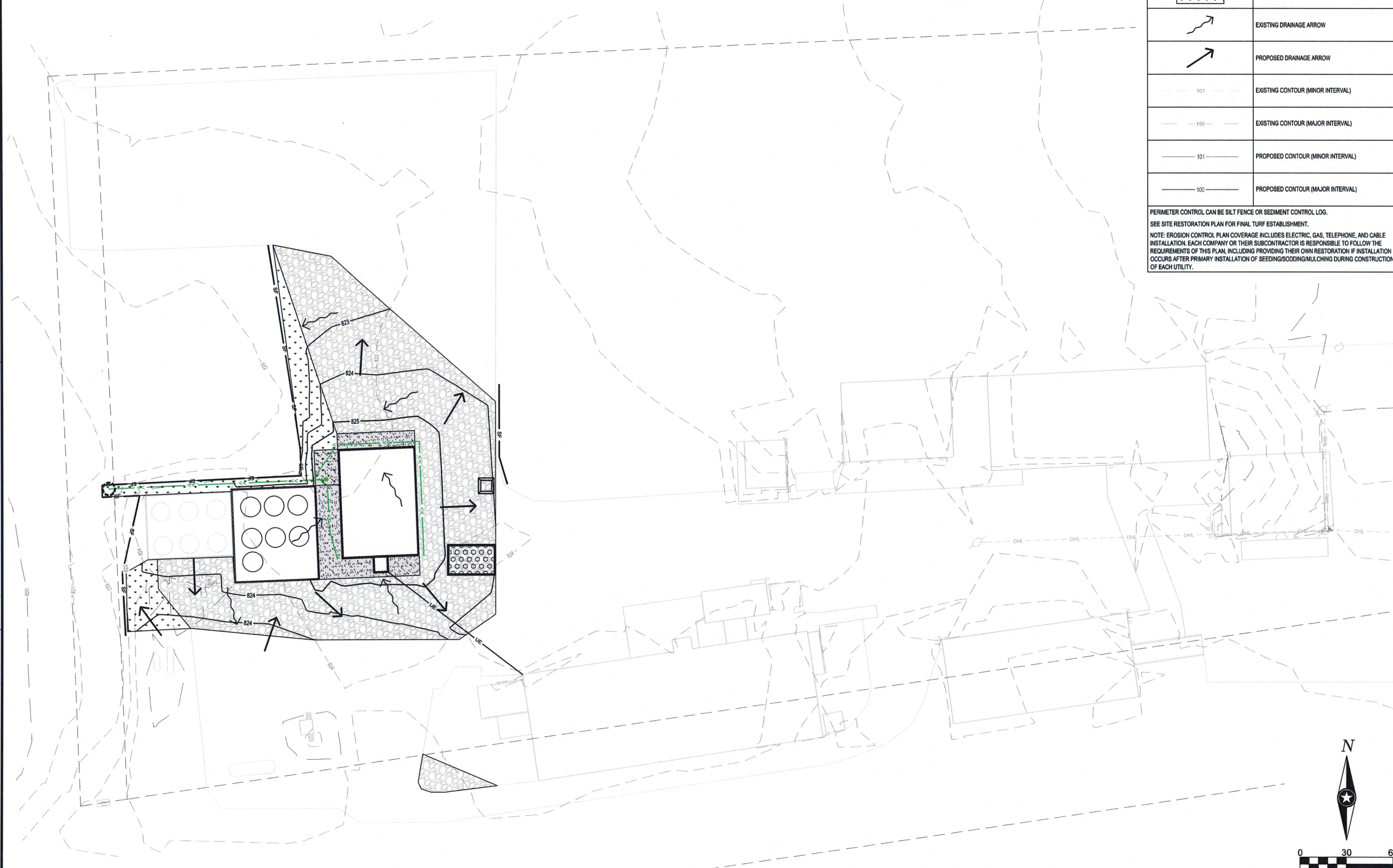
SHEET
C1-20



EROSION CONTROL LEGEND

SYMBOL	DESCRIPTION
— SF —	SILT FENCE, PREASSEMBLED
	ROCK CONSTRUCTION EXIT
	CONCRETE WASHOUT AREA
	EXISTING DRAINAGE ARROW
	PROPOSED DRAINAGE ARROW
--- 101 ---	EXISTING CONTOUR (MINOR INTERVAL)
--- 100 ---	EXISTING CONTOUR (MAJOR INTERVAL)
— 101 —	PROPOSED CONTOUR (MINOR INTERVAL)
— 100 —	PROPOSED CONTOUR (MAJOR INTERVAL)

PERIMETER CONTROL CAN BE SILT FENCE OR SEDIMENT CONTROL LOG.
 SEE SITE RESTORATION PLAN FOR FINAL TURF ESTABLISHMENT.
 NOTE: EROSION CONTROL PLAN COVERAGE INCLUDES ELECTRIC, GAS, TELEPHONE, AND CABLE INSTALLATION. EACH COMPANY OR THEIR SUBCONTRACTOR IS RESPONSIBLE TO FOLLOW THE REQUIREMENTS OF THIS PLAN, INCLUDING PROVIDING THEIR OWN RESTORATION IF INSTALLATION OCCURS AFTER PRIMARY INSTALLATION OF SEEDING/SODDING/MULCHING DURING CONSTRUCTION OF EACH UTILITY.



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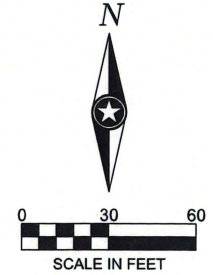
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EROSION CONTROL PLAN

SHEET

C1-30





REMOVAL LEGEND	
SYMBOL	DESCRIPTION
	REMOVE AGGREGATE SURFACING
	REMOVE CONCRETE PAVEMENT

CONTRACTOR SHALL VERIFY EXISTING PAVEMENT SECTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
PAVEMENT REMOVALS SHALL INCLUDE FULL DEPTH SAWCUT AND SECTION REMOVAL.



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REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	22-28114
FILE NAME	28114 C2 EXISTING
DRAWN BY	MJE
DESIGNED BY	MJE
REVIEWED BY	KR
ORIGINAL ISSUE DATE	09/20/23
CLIENT PROJECT NO.	-

TITLE
EXISTING SITE AND REMOVALS

SHEET
C2-10

