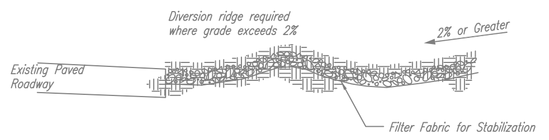
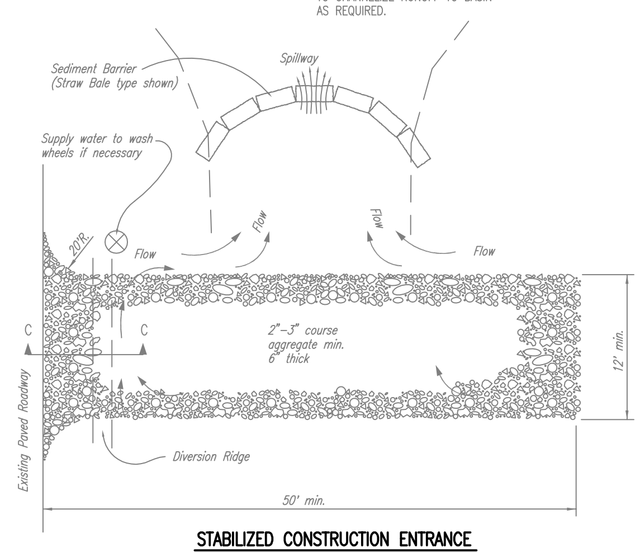


SECTION C–C

NOTE:
USE SANDBAGS, STRAW BALES OR OTHER APPROVED METHODS TO CHANNELIZE RUNOFF TO BASIN AS REQUIRED.



STABILIZED CONSTRUCTION ENTRANCE
(LOCATION TO BE DETERMINED BY CONTRACTOR)

NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS–OF–WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT–OF–WAY.

3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN, AS SHOWN ABOVE.

4. DRIVE ENTRANCES ONTO RESIDENTIAL LOTS WILL NOT BE REQUIRED TO HAVE THE SEDIMENT BARRIER SHOWN, BUT WHEEL WASHING MAY BE REQUIRED IF STABILIZED ENTRANCE IS NOT SUFFICIENT TO KEEP MUD FROM BEING TRACKED ONTO ADJACENT STREET. ENTRANCE SHALL EXTEND FROM BACK OF CURB TO DWELLING.

PERMANENT SEEDING

NOTE: All areas disturbed by construction, excepting the paved areas, proposed sodded area and areas of undisturbed native sod or other desirable vegetation shall be fertilized (limed when required), seeded with K–31 Fescue, and mulched. Soil preparation shall conform to the Best Management Practices for Erosion and Sediment Control.

After the temporary seeding has been completed on the entire project, the permanent seeding shall be done during the normal seeding season.

It shall not be required to till the area to bare ground prior to permanent seeding. If temporary cover has provided stable slopes with no erosion, seed the permanent grasses into the existing cover. If there has been erosion that requires repair prior to seeding, then it may be necessary to regrade the area, resulting in bare ground.

FERTILIZER: A ratio and application rate that equals or exceeds the required minimum rate per acre listed in Summary of Seeding Quantities will be acceptable.

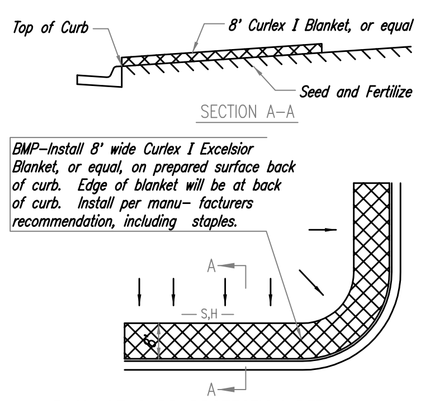
MULCHING: Mulch shall be spread uniformly over all disturbed areas and punched in the soil, unless otherwise noted on the plans. The rate of application per acre, thickness in place, for the various mulching materials are as follows:

Prairie Hay Mulching: 1–3/4 to 2–1/4 Tons per Acre = 1–1/2" loose depth spread uniformly over acre.

The above rates are a guide. It will be at the discretion of the Engineer to determine what rate is sufficient for adequate protection of newly seeded areas.

The amount of mulch required shall be determined in the field.

SUMMARY OF PERMANENT SEEDING QUANTITIES		
RATE OF APPLICATION		
(Pure Live Seed per acre)	DESCRIPTION	QUANTITY
100 Lbs./Acre	K–31 Fescue Grass Seed	As Required
125 Lbs./Acre	Fertilizer(16–20–0)	As Required
	Mulching	As Required



NOTES:
1. EXCELSIOR MAT TO BE INSTALLED WHEN SOD IS NOT SPECIFIED ON PROJECT.
2. EXCELSIOR BLANKET TO BE INSTALLED OVER SEED AND FERTILIZER, AS SPECIFIED IN THE PROJECT SPECIFICATIONS.
3. AFTER INSTALLATION OF EXCELSIOR BLANKET, AT LOCATIONS WHERE CONCENTRATED FLOW CARRIES SEDIMENT OVER THE CURB AND INTO THE GUTTER, SUPPLIMENTAL BMP'S WILL BE INSTALLED BY THE CONTRACTOR AS NEEDED, TO FIX THE PROBLEM.
4. STD. 8' WIDTH MAY BE REDUCED TO FIT WITHIN SUBJECT PROPERTY WHEN REQUIRED.

Disturbed Area=±1.0 Acres
Proposed Impervious Area=±0.8 Acres

Contractor shall install erosion control devices under Best Management Practices, BMP's, as shown but not limited to the call–outs on this plan. Contractor will be required to install additional BMP's as required when additional areas begin to erode that are not already mentioned on this plan.

EROSION CONTROL LEGEND

= Back of Curb Protection

= 6" D–50 Stone Rip–Rap

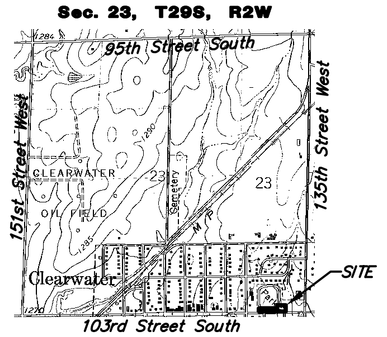
UTILITY LEGEND

= Bollard		= Light Pole	
= Storm Sewer Manhole		= Flood Light	
= San. Sewer Cleanout		= Electric Transformer	
= Telephone Riser		= Utility Pole	
= Catv Box		= Bore Location	
= Fire Hydrant		= Sign	
= Water Meter		= San. Sewer Cleanout	
= Water Valve		= San. Sewer Manhole	
= Gas Meter	GAS GAS	= Gas Line	
= Gas Valve	WESTAR OHE	= Overhead Electric	
= Guy Anchor	uge	= Underground Electric	
= Guy Pole	ugt	= Underground Telephone	
= Power Pole	W	= Waterline	
	ss	= Sanitary Sewer Line	

BENCHMARK:
USGS Bronze Disc Stamped "T115WB 1939–1274"
37' S & 51' W of SE Sec 23
Elev.=1273.43

GRAPHIC SCALE
–20 0 10 20 40
(IN FEET)
1 inch = 20 ft.

QUADRANGLE MAP
Sec. 23, T29S, R2W



CLEARWATER/BAYNEVILLE QUADRANGLE
7.5 Minute Series
SCALE : 1" = 2,000'

HORIZONTAL CONTROL POINTS

C.P. NO. 1	N 5078.67 E 5912.36	"+" Located on SE Corner of Concrete Sidewalk 5 L.F. SE of Concessions Building.
C.P. NO. 2	N 5080.68 E 6260.14	"+" Cut SW Corner of Light Pole Base on Southside of Basketball Court East of Existing Park Parking Lot.
C.P. NO. 3	N 5033.79 E 3877.72	SW Corner of SE ¼ Sec. 23, T29S, R2W
C.P. NO. 4	N 5023.63 E 6543.20	SE Corner of SE ¼ Sec. 23, T29S, R2W

UTILITIES SHOWN REPRESENT THE BEST INFORMATION AVAILABLE FOR DESIGN. ADDITIONAL UTILITIES MAY BE PRESENT ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY THE FAILURE TO DO SO.

EROSION CONTROL & SITE PLAN FOR
CLEARWATER PARK PARKING LOT
CLEARWATER, SEDGWICK COUNTY, KANSAS
PROJ. NO.: 20061468

CERTIFIED ENGINEERING DESIGN, P.A.
810 WEST DOUGLAS, SUITE C
WICHITA, KANSAS 67203
PH.(316)262–8808 FAX.(316)262–1669

DESIGNED: HDF	SCALE: 1"=20'	SHEET 2
DRAWN: JDT	DATE: 11–06	
CHECKED: HDF	CED FILE: Clearwater Park Base	TOTAL 6