

C.P. #2
N 4321.16
E 4630.99

C.P. #3
N 4313.17
E 4644.62

C.P. #4
N 4350.60
E 4690.77

C.P. #6
N 4329.66
E 5017.10

C.P. #5
N 4288.11
E 4962.02

C.P. #7
N 4285.13
E 5292.78

C.P. #8
N 4284.82
E 5352.73

C.P. #1
N 3691.03
E 4634.34

Contractor Shall Install Permanent Seeding Over Entire Length of Project.

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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 in kind, 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(not covered by erosion mat) 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.

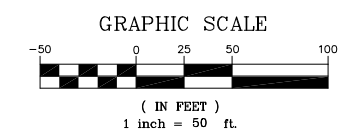
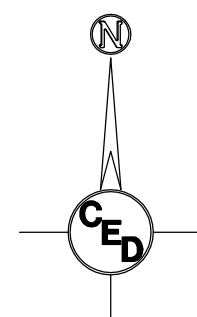
The amount of mulch required shall be determined in the field.

SUMMARY OF PERMANENT SEEDING QUANTITIES

RATE OF APPLICATION (Pure Live Seed per acre)	DESCRIPTION	QUANTITY
100 Lbs./Acre	Grass Seeding (In Kind)	As Required
125 Lbs./Acre	Fertilizer(16-20-0)	As Required
	Mulching	As Required

HORIZONTAL CONTROL POINTS

C.P. NO.	N	E	Description
C.P. NO. 1	3691.03	4634.34	Property Pin At The NW Corner of N. Jeanette & 29th St. North
C.P. NO. 2	4321.16	4630.99	Property Pin At The East ROW Line of N. Jeanette & CL 30th St.
C.P. NO. 3	4313.17	4644.62	TP#9 18 L.F. SW of N. Jeanette & 30th St. CL Intersection
C.P. NO. 4	4350.60	4690.77	Property Pin At The NE Corner of N. Jeanette & 30th St. North
C.P. NO. 5	4288.11	4962.02	Property Pin At The SW Corner of Mascot & 30th St. North
C.P. NO. 6	4329.66	5017.10	TP#6 27.79 L.F. NE of Mascot & 30th St. CL Intersection
C.P. NO. 7	4285.13	5292.78	Property Pin At The SW Corner of Shelton & 30th St. North
C.P. NO. 8	4284.82	5352.73	Property Pin On The East ROW Line of Shelton & 30th St. North



UTILITY LEGEND

- = Fire Hydrant
- = Water Meter
- = Water Valve
- = Gas Meter
- = Gas Valve
- = Telephone Riser
- = Mailbox
- = Flag Pole
- = SS Manhole
- = SWS Manhole
- = Sign
- = Misc. Post
- = Guy Anchor
- = Power Pole
- = Light Pole
- = Deciduous Tree or Shrub
- = Existing Fence
- = Right of Way Line
- = Underground Telephone
- = Underground Electric
- = Overhead Electric
- = Water Line
- = Sanitary Sewer
- = Gas Line
- = Cable TV or Fiber Optic

- BENCHMARK #1:**
Chiseled Square T/C on NE Curb Return N Side Ramp @ NE Cor. of 29th St. N. & Shelton.
- BENCHMARK #2:**
RR Spike in PP/LP @ NE Cor. of 30th St. N. & Shelton.
- BENCHMARK #3:**
Chiseled Square T/C N Side 31st St. N. & Shelton @ Shelton CL Extended.
- BENCHMARK #4:**
Chiseled Square T/C @ CL NE Curb Return @ 31st St. N. & Jeanette.
- BENCHMARK #5:**
Chiseled Square T/C @ N. end NW Curb Return @ 29th St. N. & Jeanette.
- BENCHMARK #6:**
RR Spike in PP/LP @ NW Cor. of 30th St. N. & Mascot.

SEEDING PERIODS

COOL SEASON	WARM SEASON
February 15 to April 20 and August 15 to September 30	December 1 to April 30
SPECIES	SPECIES
Blue Grasses	Bluestems
Brome Grasses	Buffalo Grass
Fescues	Eastern Gama Grass
Rye Grasses	Gramas
Wheat Grasses	Indian Grass
Reed Canary Grass	Love Grasses
	Switch Grass
	Wildflower Mixes

When "COOL SEASON" species are mixed with "WARM SEASON" species, in areas of 5 acres or more, the mixture shall be seeded during the "WARM SEASON". In areas of less than 5 acres, the mixture of "COOL SEASON" and "WARM SEASON" species may be seeded during the "WARM or COOL SEASONS".

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.

STORM WATER SEWER NO. 630
SITE & EROSION CONTROL PLAN
 WICHITA, SEDGWICK COUNTY, KS
 PROJ. NO.: 468 84335
CERTIFIED ENGINEERING DESIGN, P.A.
 CED
 810 WEST DOUGLAS, SUITE C
 WICHITA, KANSAS 67203
 PH.(316)262-8808 FAX.(316)262-1669

DESIGNED: HDF	SCALE: 1"=40'	SHEET
DRAWN: JDT	DATE: 06-07	2
CHECKED: HDF	CED FILE: Mascot/SIProf/6.5.07	TOTAL 12