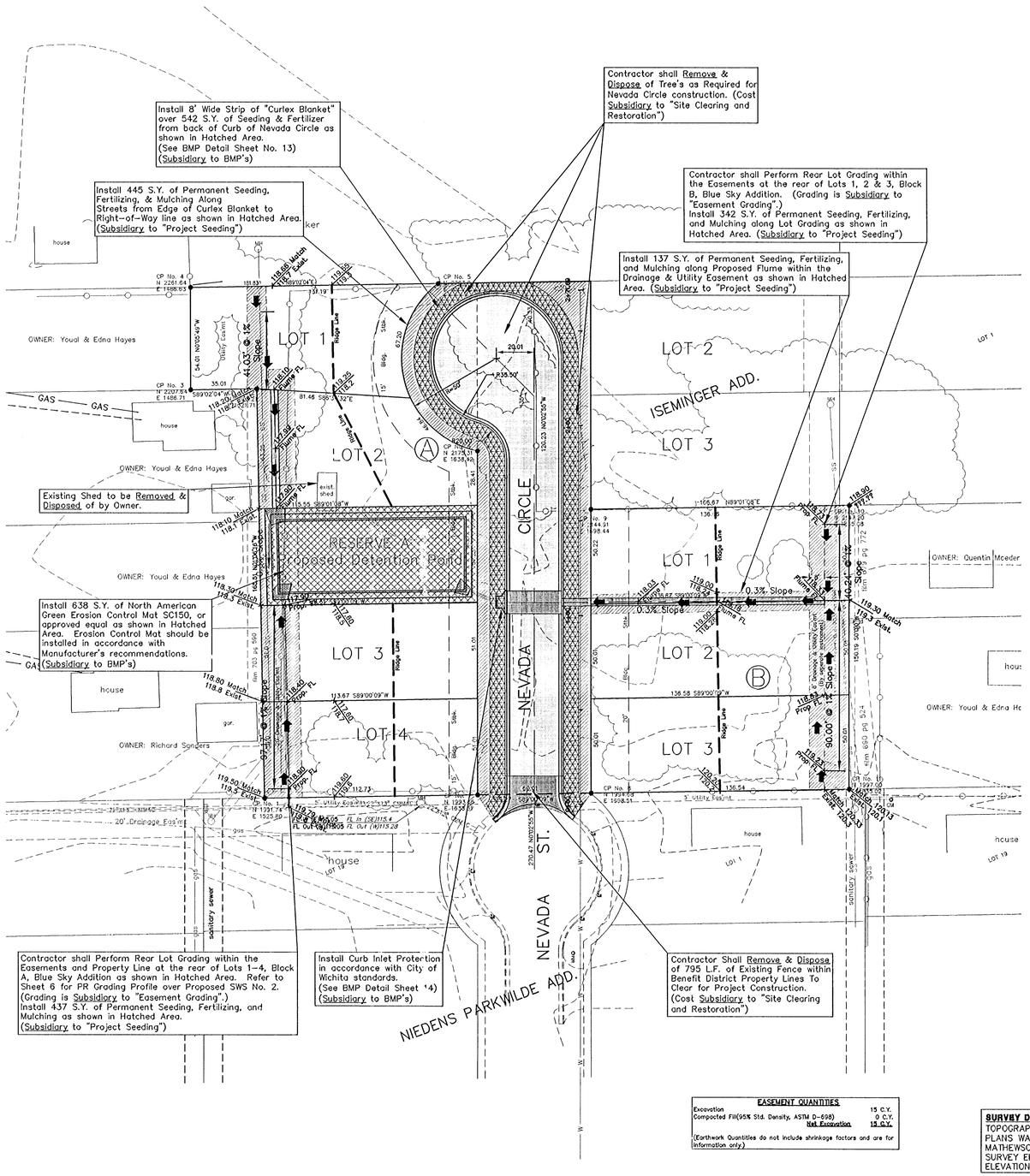


HORIZONTAL CONTROL POINTS

C.P. NO. 1	N 1991.74 E 1525.80	SW COR. LOT 4, BLOCK A 5/8" REBAR & ARMSTRONG CAP
C.P. NO. 2	N 2208.21 E 1521.71	PT. ON S. LINE LOT 1, BLOCK A 5/8" REBAR & ARMSTRONG CAP
C.P. NO. 3	N 2207.64 E 1486.71	SW COR. LOT 1, BLOCK A 5/8" REBAR & ARMSTRONG CAP
C.P. NO. 4	N 2261.64 E 1486.63	NW COR. LOT 1, BLOCK A 5/8" REBAR & ARMSTRONG CAP
C.P. NO. 5	N 2263.80 E 1617.75	NE COR. LOT 1, BLOCK A 5/8" REBAR & ARMSTRONG CAP
C.P. NO. 6	N 2175.31 E 1638.42	PT. ON E. LINE LOT 2, BLOCK A 5/8" REBAR & ARMSTRONG CAP
C.P. NO. 7	N 1993.66 E 1638.51	SE COR. LOT 4, BLOCK A 5/8" REBAR & ARMSTRONG CAP
C.P. NO. 8	N 1994.68 E 1698.51	SW COR. LOT 3, BLOCK B 5/8" REBAR & ARMSTRONG CAP
C.P. NO. 9	N 2144.91 E 1698.44	NW COR. LOT 1, BLOCK B 5/8" REBAR & ARMSTRONG CAP
C.P. NO. 10	N 2147.20 E 1835.08	NE COR. LOT 1, BLOCK B 5/8" REBAR & ARMSTRONG CAP
C.P. NO. 11	N 1997.00 E 1835.02	SE COR. LOT 3, BLOCK B 5/8" REBAR & ARMSTRONG CAP

LEGEND

- ● – set 5/8" rebar & "Armstrong" cap
- ⊙ – iron in thimble
- ⊗ – found 3/4" iron pipe
- ○ – found 1/2" iron pipe
- ⊠ – found chiseled in concrete
- ☑ – found chiseled in concrete
- M – measured distance
- P – plot distance
- cm – calculated from measured distance
- ——— – property line
- ——— – – ——— – center line
- – – – – – – – – – – – – – easement line
- ——— ——— ——— – setback line
- – – – – – – – – – – – – – underground utility
- –○–○–○– – chainlink fence
- ▭ – Proposed 5" A.C. Pavement on 5" Crushed Rock Base
- ▭ – Proposed Concrete Curb & Gutter / Valley Gutter / Flumes
- CATV – cable TV riser
- TEL – telephone riser
- – fire hydrant
- – elec. transformer
- – air conditioner
- – power pole
- – manhole
- – light pole
- GM – gas meter
- GV – gas valve
- WM – water meter
- WV – water valve
- – tree
- – proposed flow direction

<u>BENCHMARK:</u>
Located at Top Southeast Corner of Existing SWS Inlet Located 30.26 L.F. West & 17.10 L.F. North of Center of Nevada St. Cul-de-sac. SE ¼, Sec. 23, Twp. 27-S, R-1-W.
Elev.=118.48

OWNER: Youal A. & Edna M Hayes Rev. Liv. Trust
218 N. Tracy
Wichita, KS 67203
ZONING: R

GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch = 30 ft.

EROSION CONTROL LEGEND

- = Curlex Blanket, Seeding & Ferlizing
- = Permanent Seeding, Fertilizing & Mulching
- = Erosion Control Mat SC150, or approved equal
- = 6" D-50 Stone Rip-Rap

*See Sheets 13-14 for Best Management Practices(BMP) for Installation and Maintenance of Erosion Control Devices. (Contractor will be Responsible for any additional Erosion Control Devices not shown on these plans that are necessary to prevent erosion. All Costs are <u>Subsidiary</u> to the Lump Sum Bid Item for "BMP's" unless otherwise noted.)

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.

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	Gramma
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".

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

EASEMENT QUANTITIES

Excavation	15 C.Y.
Compacted Fill(95% Std. Density, ASTM D-698)	0 C.Y.
<u>Net Excavation</u>	<u>15 C.Y.</u>

(Earthwork Quantities do not include shrinkage factors and are for information only)

<u>SURVEY DISCLAIMER:</u>
TOPOGRAPHIC SURVEY AND CONTOUR MAP USED IN PREPARING PLANS WAS PROVIDED BY ARMSTRONG LAND SURVEY, P.A., 250 N. MATHEWSON, WICHITA, KS. ENGINEER DOES NOT GUARANTEE SURVEY ELEVATIONS FOR ACCURACY. CONTRACTOR SHALL VERIFY ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

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.

BLUE SKY ADDITION
EROSION CONTROL & SITE PLAN
WICHITA, SEDGWICK COUNTY, KANSAS
PROJ. NO.: 20051279

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"=30'	SHEET 3
DRAWN: JDT	DATE: 02-06	
CHECKED: HDF	CED FILE: Blue Sky Add	TOTAL 17