

KANSAS

Owner: VAL KLEND - SLIDING K RANCH

Practice: AG. WASTE MANAGEMENT SYSTEM

Location: NW 1/4 SEC. 2 T18S R3E

County: MARION

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I certify that the plans and detailed specifications for this project were developed in accordance with the policy and procedures of the Natural Resources Conservation Service

Larry Sample
 Designed by _____

Larry Sample 5/27/04
 Approved by _____



BEFORE ANY INVESTIGATION OR CONSTRUCTION ACTIVITY, THE EXCAVATOR IS RESPONSIBLE FOR CALLING KANSAS ONE-CALL AT 800-344-7233 (800-DIG-SAFE)



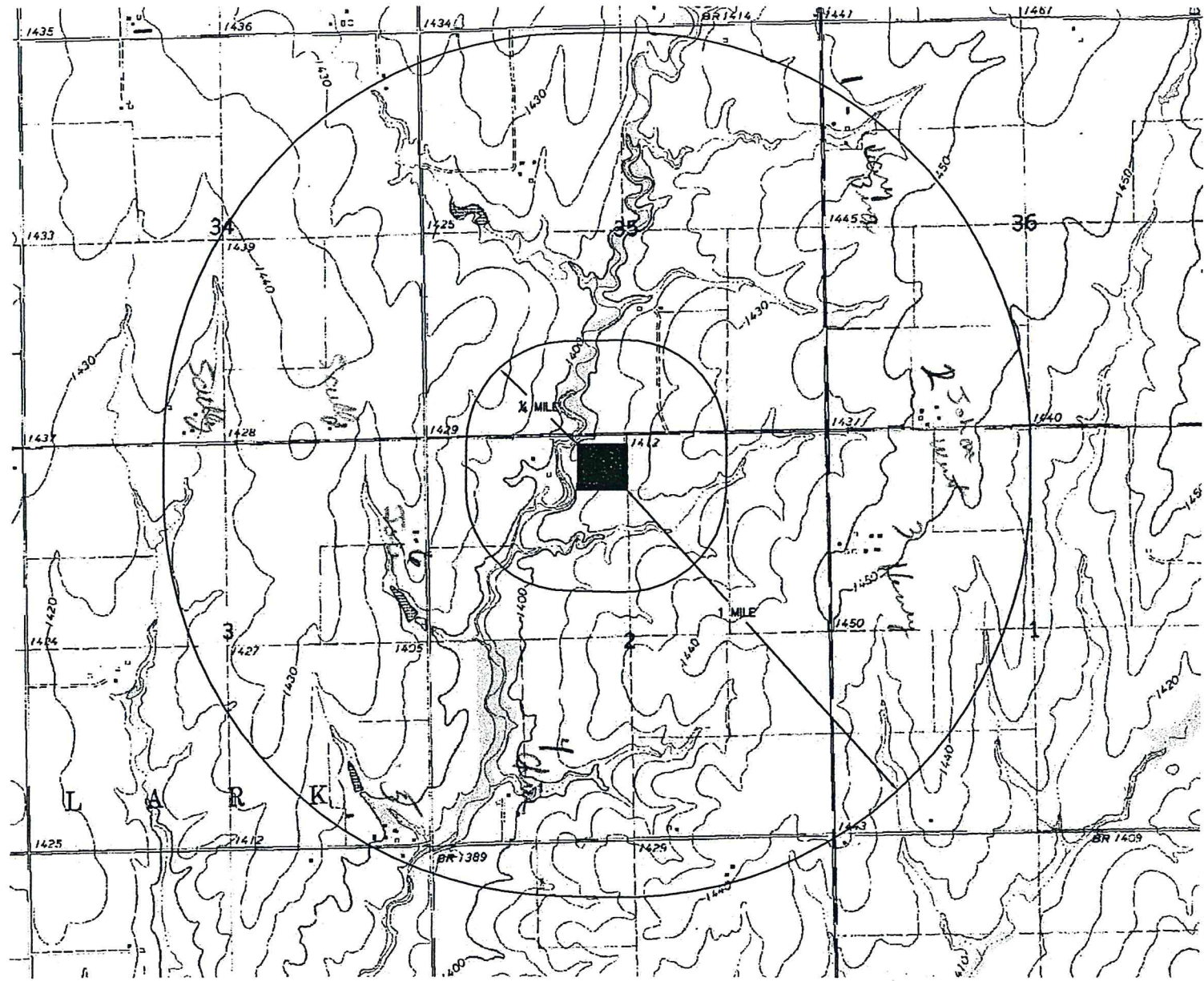
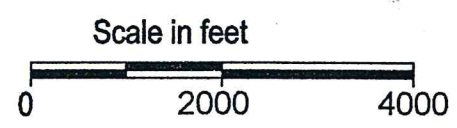


TABLE OF QUANTITIES			
COMPONENT ITEM		UNIT	QUANTITY
LAND LEVELING	EXCAVATION	CUBIC YARDS	3,800
	EARTHFILL	CUBIC YARDS	2,800
SEDIMENT BASIN	EXCAVATION	CUBIC YARDS	1,000
6" SDR 35 PVC PIPE		LINEAR FEET	30
6" GATED PIPE		LINEAR FEET	600
TIMBER PICKET STRUCTURE	4'X4'X2'	SQUARE FEET	32
CONCRETE PIPE OUTLET	SLAB	CUBIC YARDS	0.8
PROTECTION PAD	STEEL	POUNDS	25
GRASS SEEDING		ACRES	5.4
EXCLUSION FENCING		LINEAR FEET	2,530



In 1 mile Re

- 1 Larry Bice
- 2 John West
- 3 Henry Keel
- 4 Chris S.
- 5 Leonard K.
- 6 Joe Toynum

Designed LJS 01/04
 Drawn LJS 01/04
 Checked DJS 02/04
 Approved L 02/04

VAL KLEND A - SLIDING K RANCH
 AG. WASTE MANAGEMENT SYSTEM
 NW1/4 SEC. 2 T18S R3E
 MARION COUNTY, KANSAS



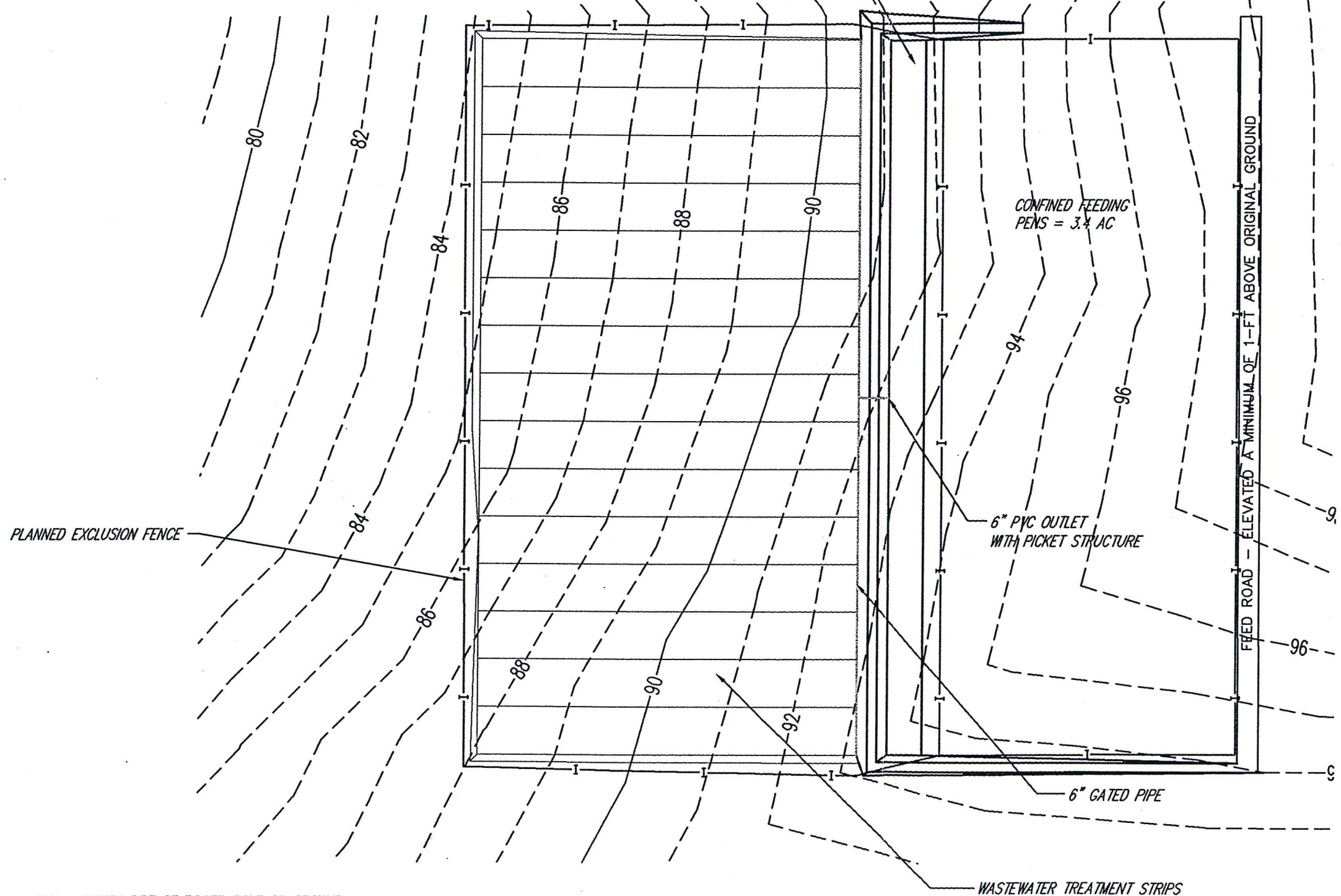
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SOUTH EDGE OF COUNTY ROAD



SEDIMENT BASIN DRAINAGE AREA = 4.3 AC



PLANNED EXCLUSION FENCE

CONFINED FEEDING PENS = 3.4 AC

6" PVC OUTLET WITH PICKET STRUCTURE

FEED ROAD - ELEVATED A MINIMUM OF 1-FT ABOVE ORIGINAL GROUND

6" GATED PIPE

WASTEWATER TREATMENT STRIPS

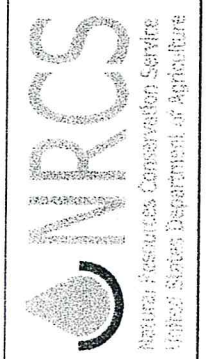


BM1 - SOUTH SIDE OF POWER POLE ON GROUND
ELEVATION 100.0
BM2 - SOUTH SIDE OF POWER POLE ON GROUND
ELEVATION 84.4

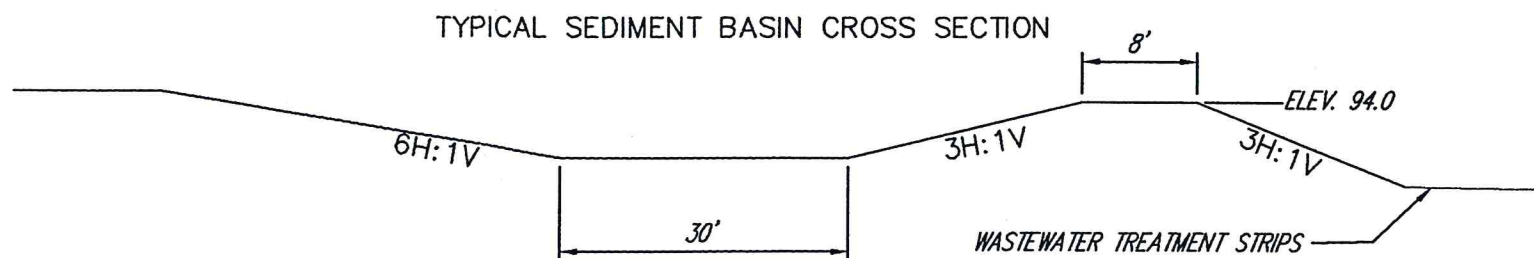
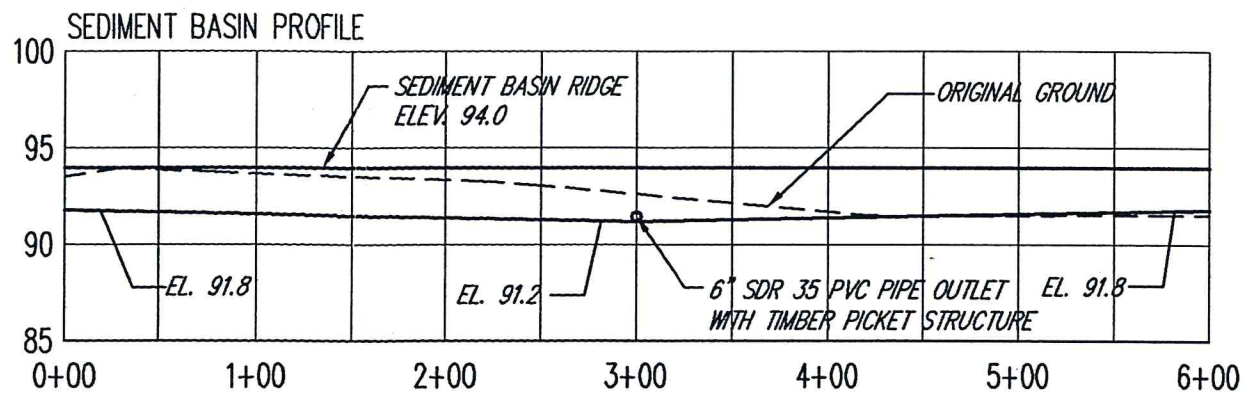
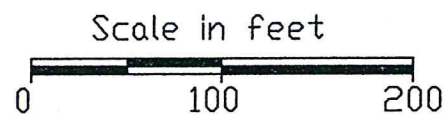
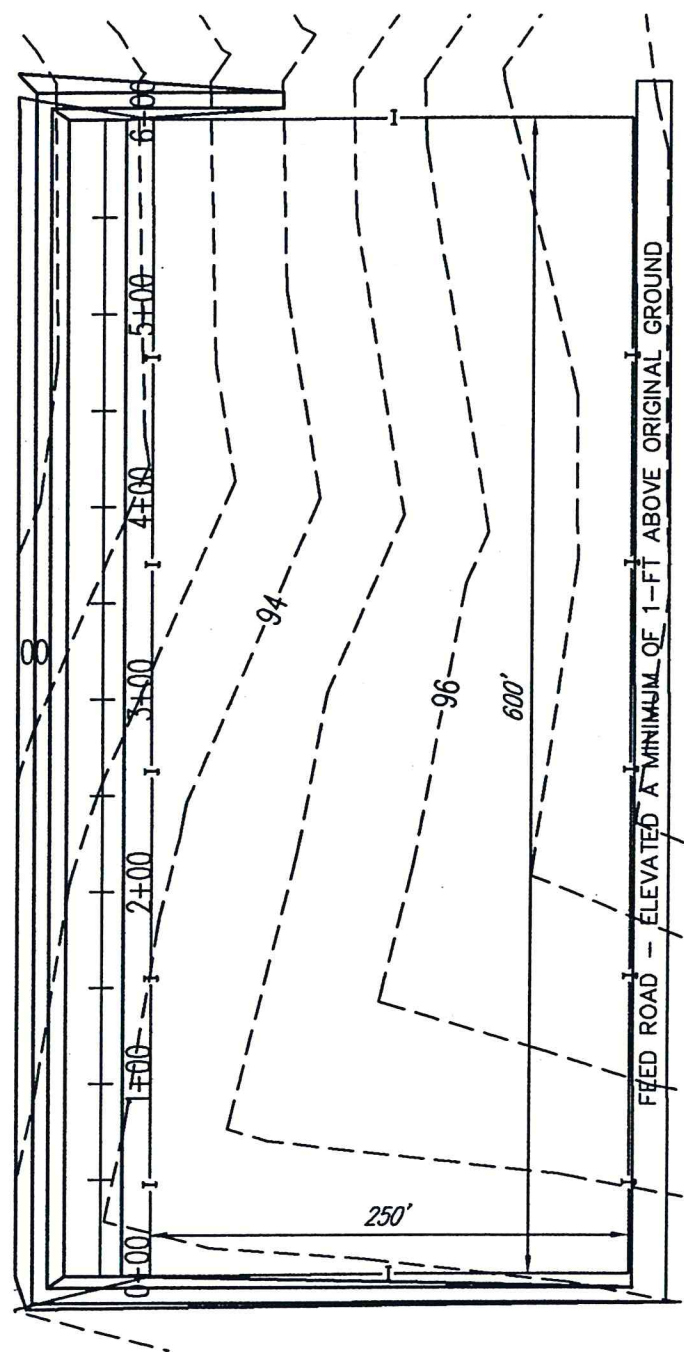
TOPOGRAPHIC PLAN VIEW

Designed	LJS	05/04
Drawn	LJS	05/04
Checked	DJS	05/04
Approved	LJS	05/04

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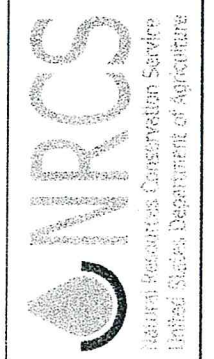


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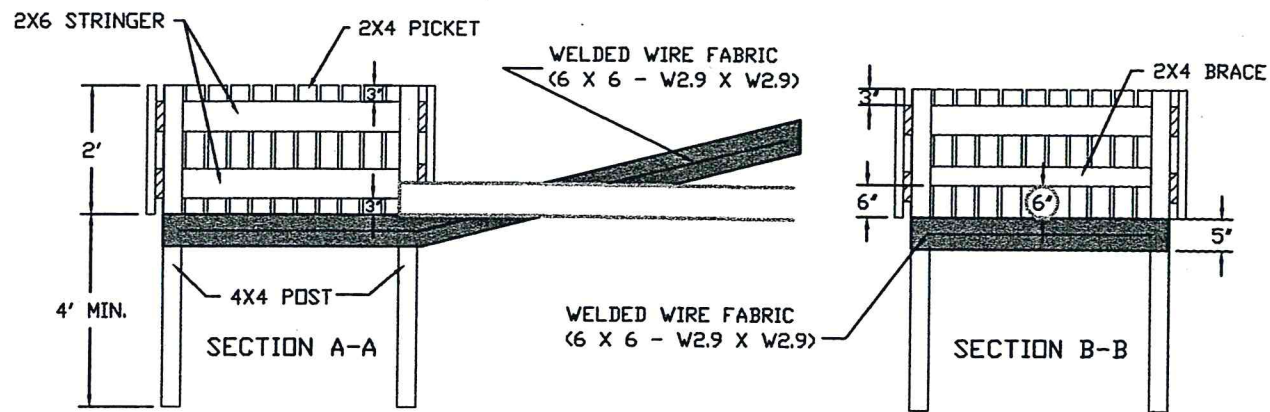
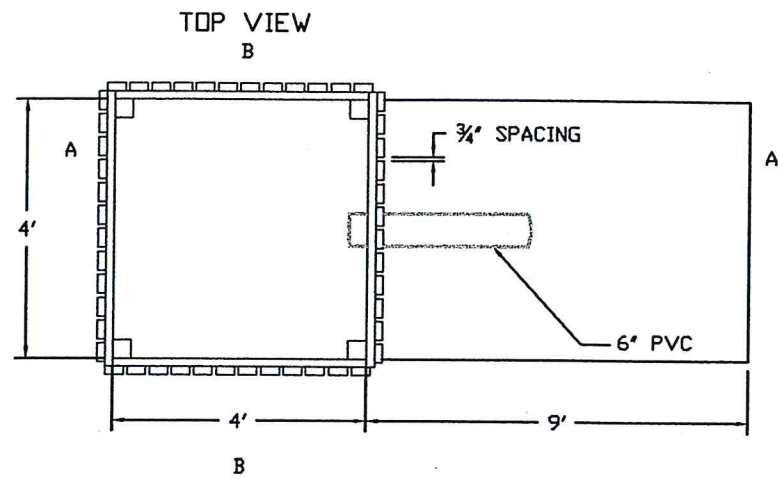
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Approved	L	05/04

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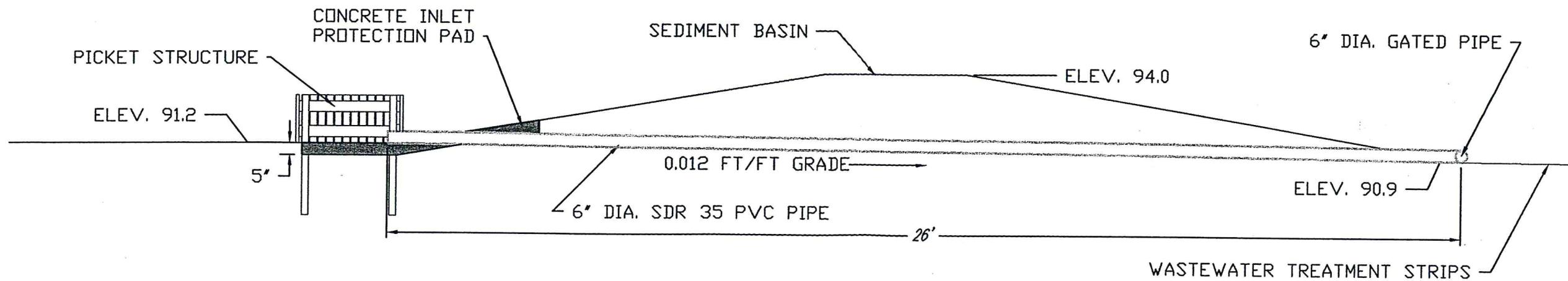
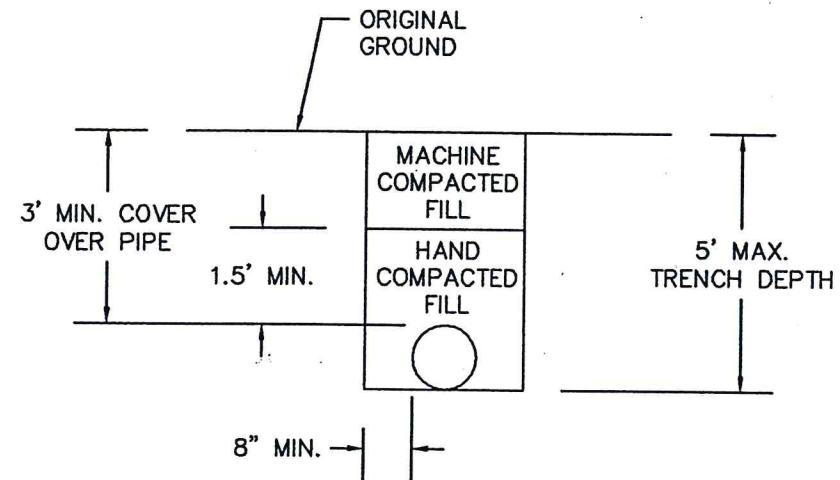
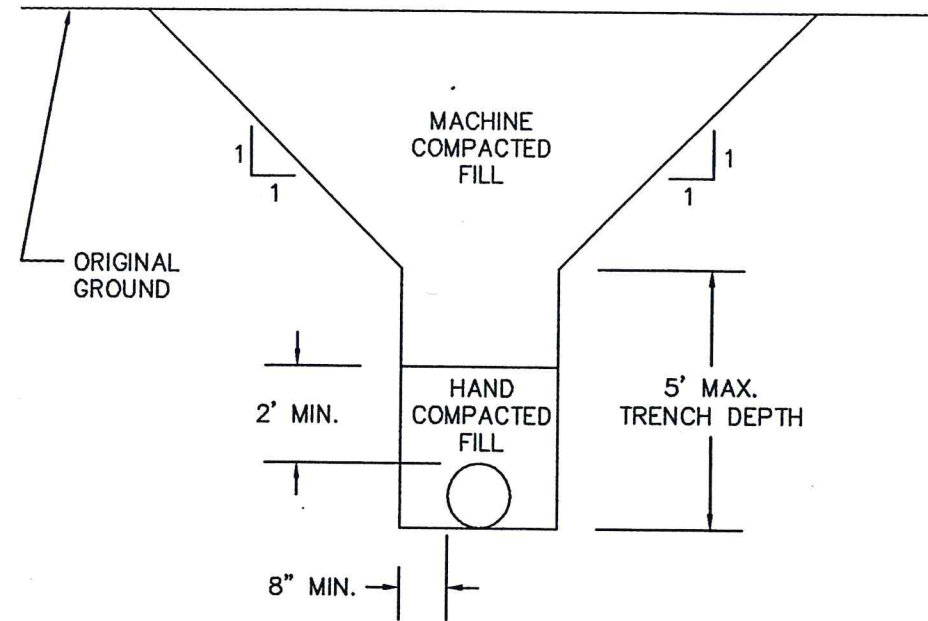


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SEDIMENT BASIN DETAIL



TRENCHING DETAIL



CROSS SECTION AT SEDIMENT BASIN OUTLET

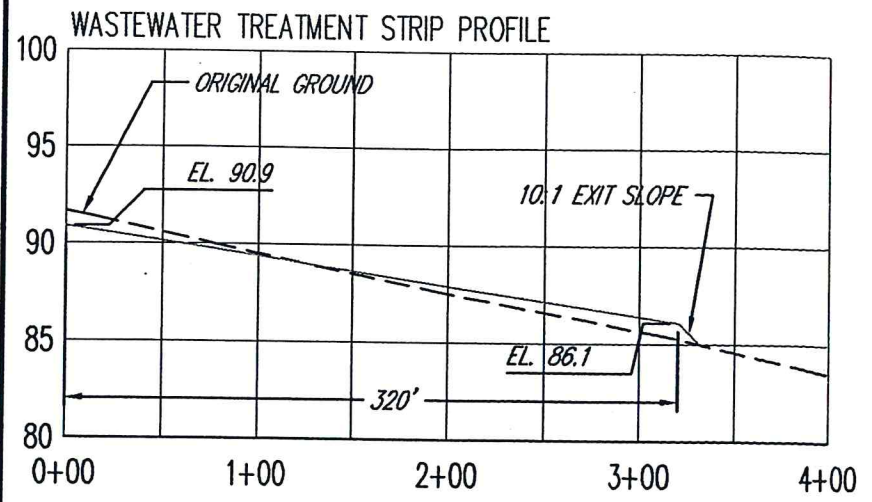
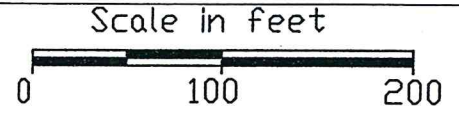
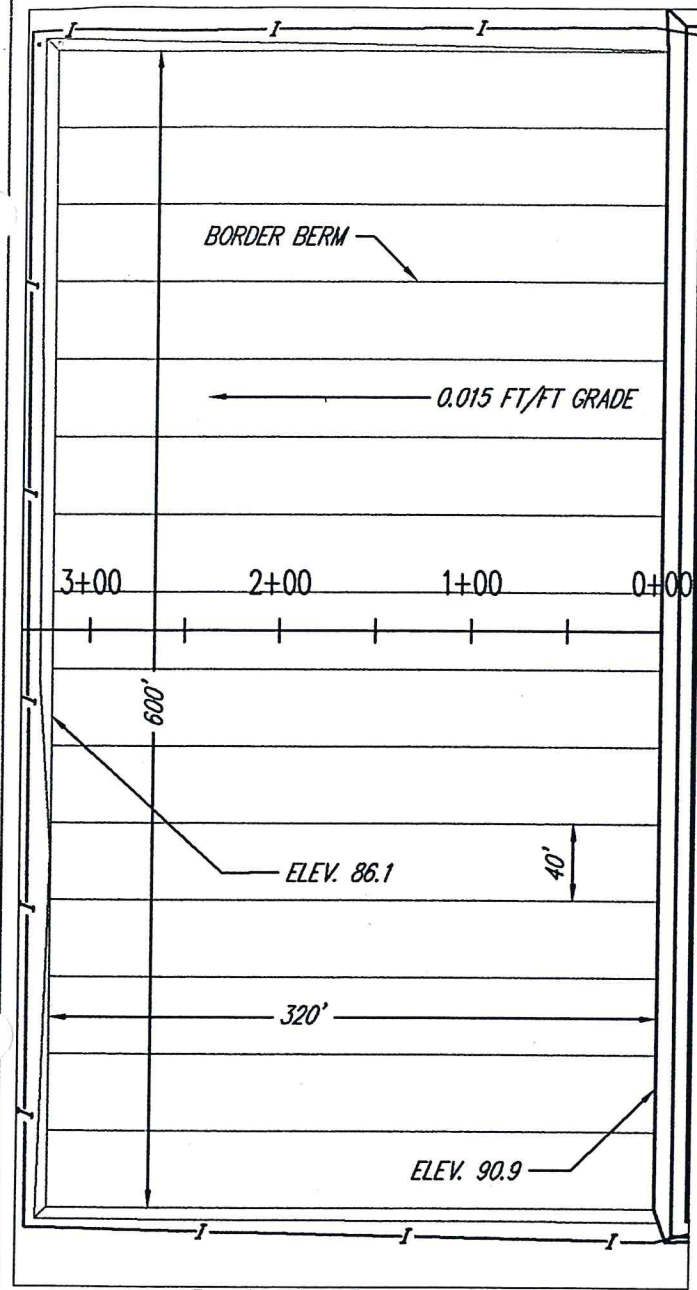
SEDIMENT BASIN OUTLET DETAIL

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Approved	LJS	05/04

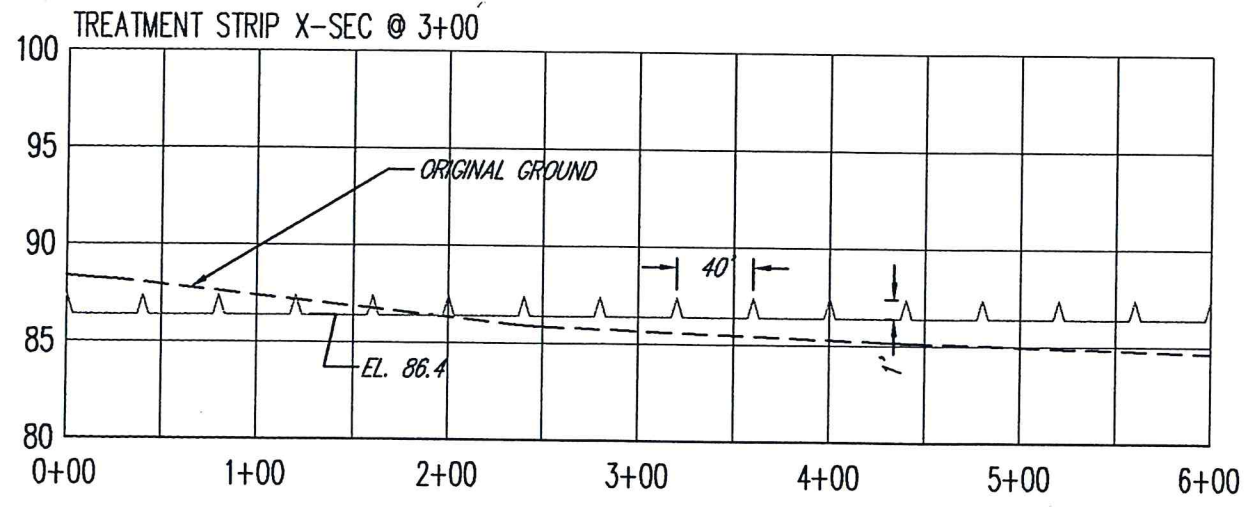
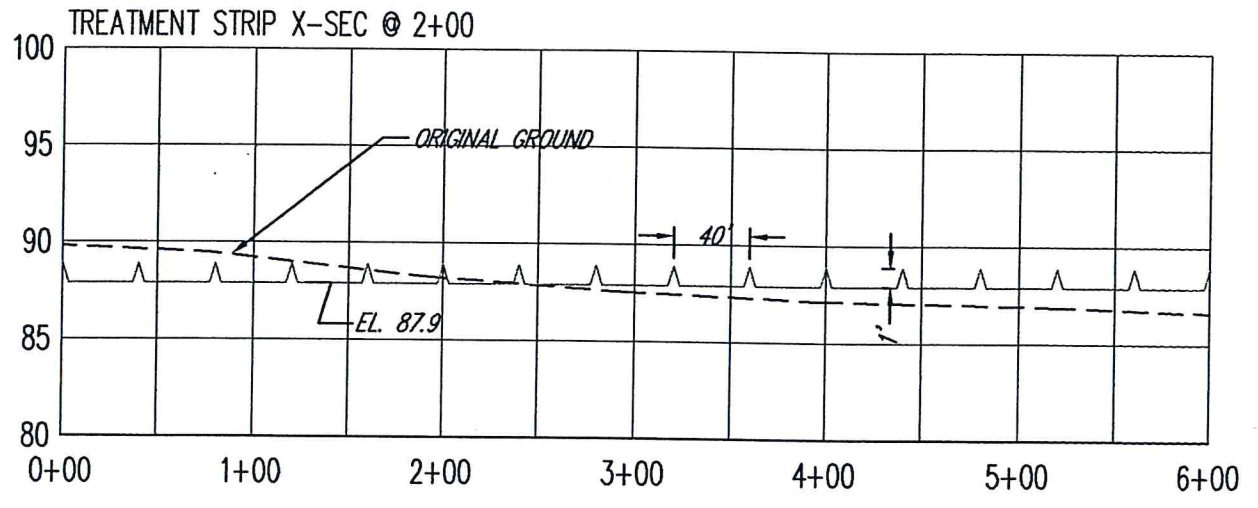
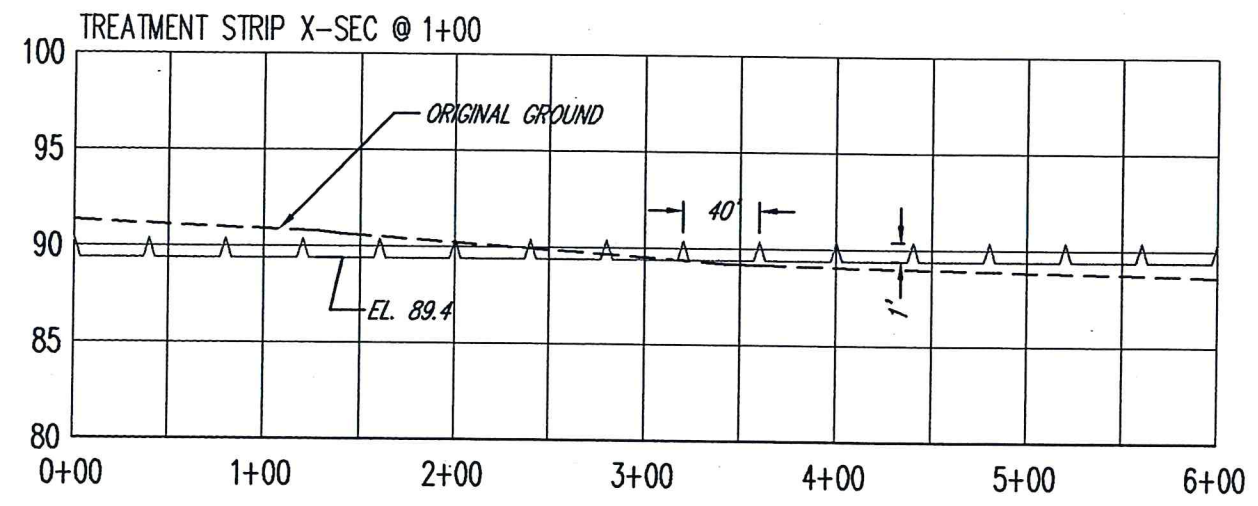
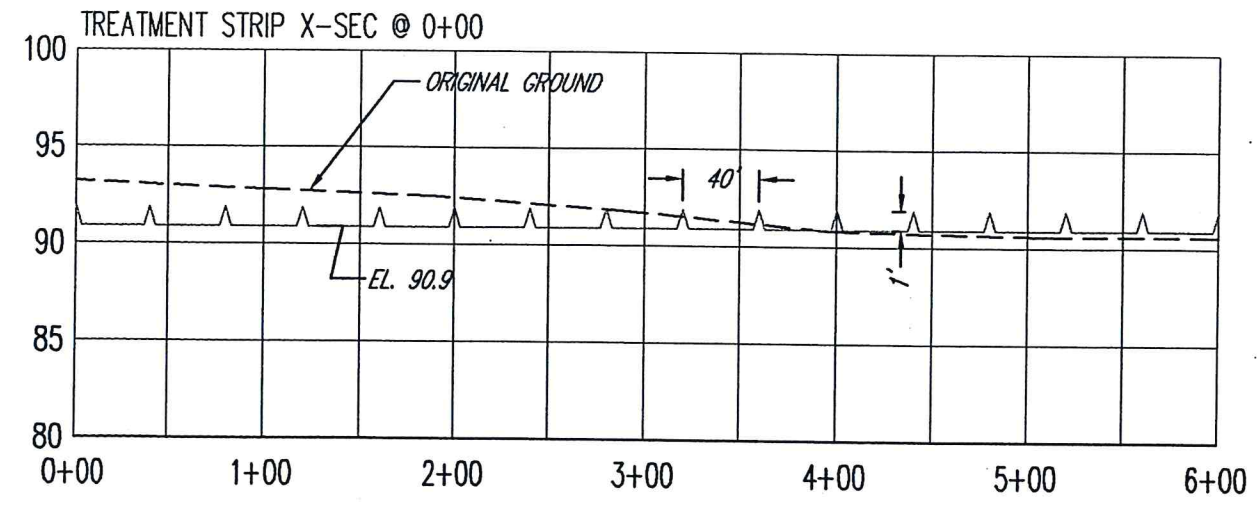
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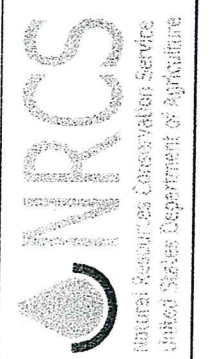
NOTE: ALL SIDE SLOPES ARE 3H:1V WITH THE EXCEPTION OF THE EXIT SLOPE AT THE WEST END OF THE TREATMENT STRIPS WHICH SHALL BE 10H:1V



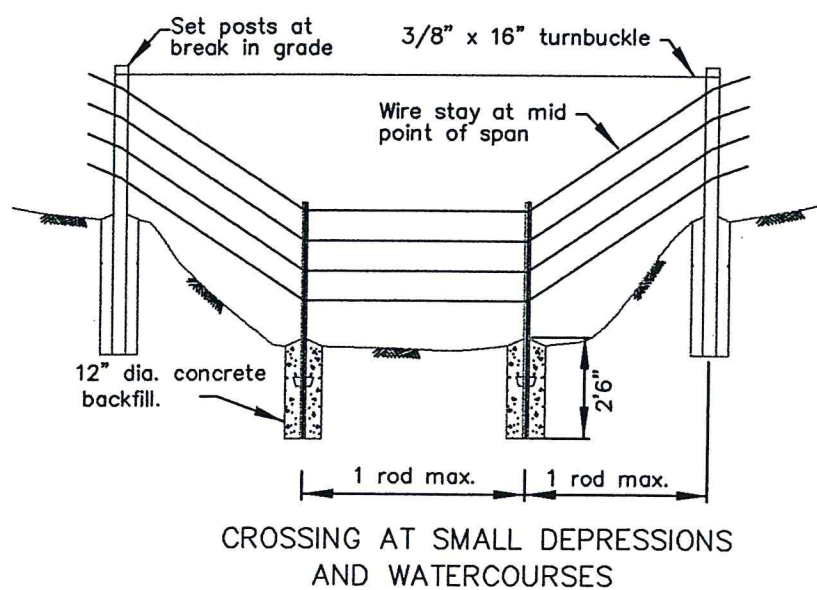
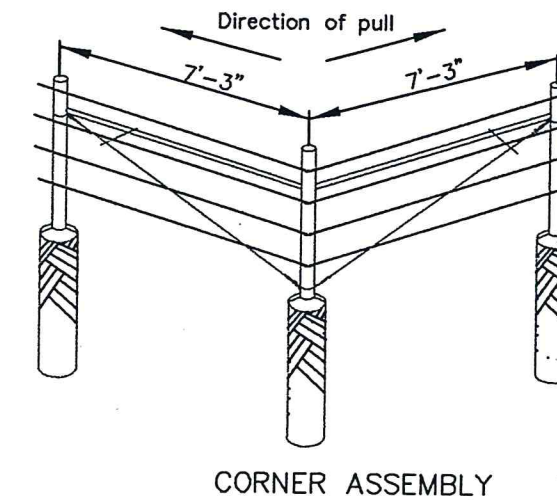
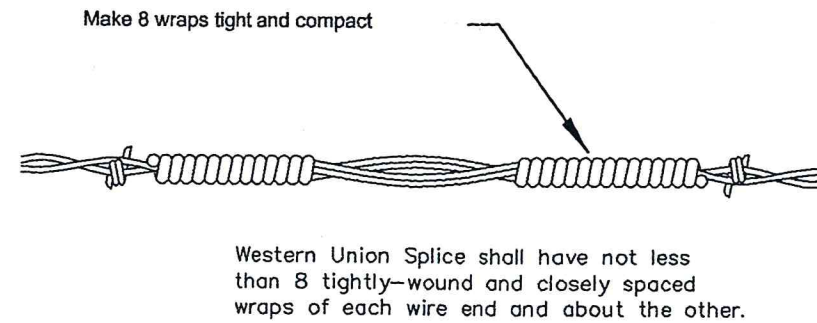
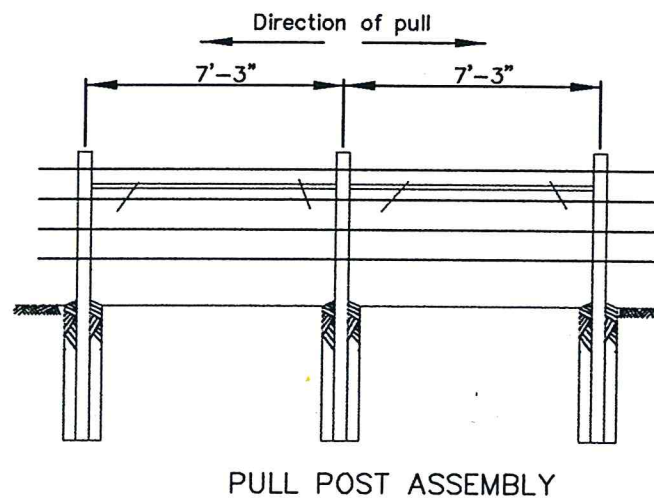
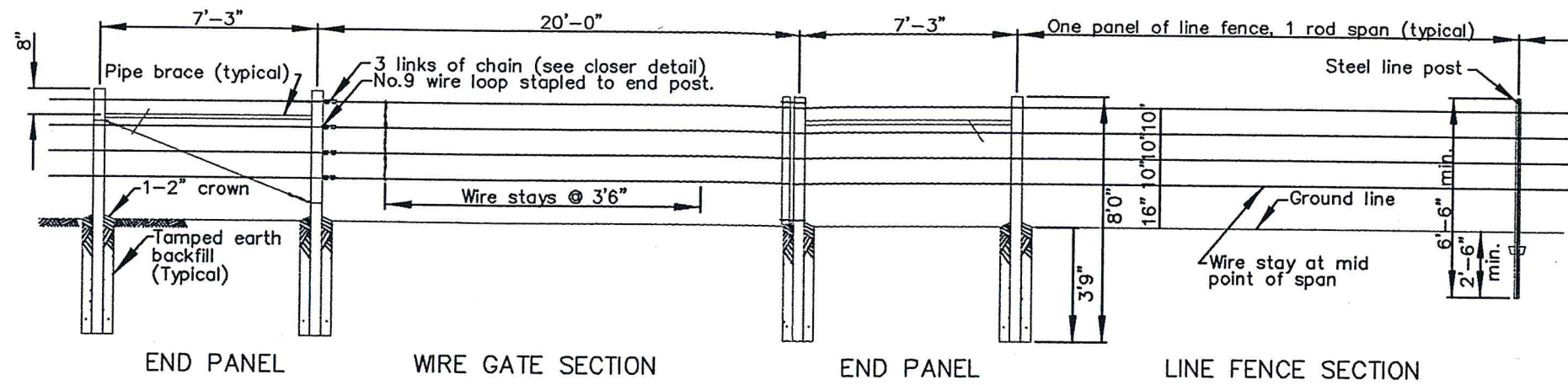
WASTEWATER TREATMENT STRIP DETAIL

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NOTES:

1. Anchor steel pipe brace to wood posts by inserting 3/8" Dia. steel rod (6 inches long) 3 inches into wood posts drilled as close to the rod diameter as possible.
2. Staple cross-brace wires to posts at quarter points.
3. Twist cross-brace wires with a 1/2" Galv. steel rod until the assembly is rigid. Leave the rod in position wedged against the pipe brace.
4. Barbed wire shall consist of two strands of 12 1/2 gauge, class 3 zinc coated wire with 14 gauge barbs. Barbs may be 2-point spaced at 4" or 4-point spaced at 5".
5. Pipe brace to be a single piece of 1 1/2" standard weight galvanized steel pipe. (A.S.T.M. A-53)
6. Minimum wood post diameter shall be 6 inches.
7. When barbed wire from two different directions are tied to a single post keep loops separated.

Designed	LJS	01/04
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