

**VEGETATION ESTABLISHMENT
For Urban Development Sites
APPENDIX A**

SEEDING RATES:

PERMANENT:
Tall Fescue - 30 lbs./ac.
Smooth Brome - 20 lbs./ac.
Combined - Fescue @ 15 lbs./ac. AND Brome @ 10 lbs./ac.

TEMPORARY:
Wheat or Rye - 150 lbs./ac. (3.5 lbs. per sq. ft.)
Oats - 120 lbs./ac. (2.75 lbs. per sq. ft.)

SEEDING PERIODS:
Fescue or Brome - March 1 to June 1
August 1 to October 1
Wheat or Rye - March 15 to November 1
Oats - March 15 to September 15

MULCH RATES:
100 lbs. per 1000 sq. ft. (4,356 lbs. per ac.)

FERTILIZER RATES:
Nitrogen 30 lbs./ac.
Phosphate 30 lbs./ac.
Potassium 30 lbs./ac.
Lime 600 lbs./ac. ENM*

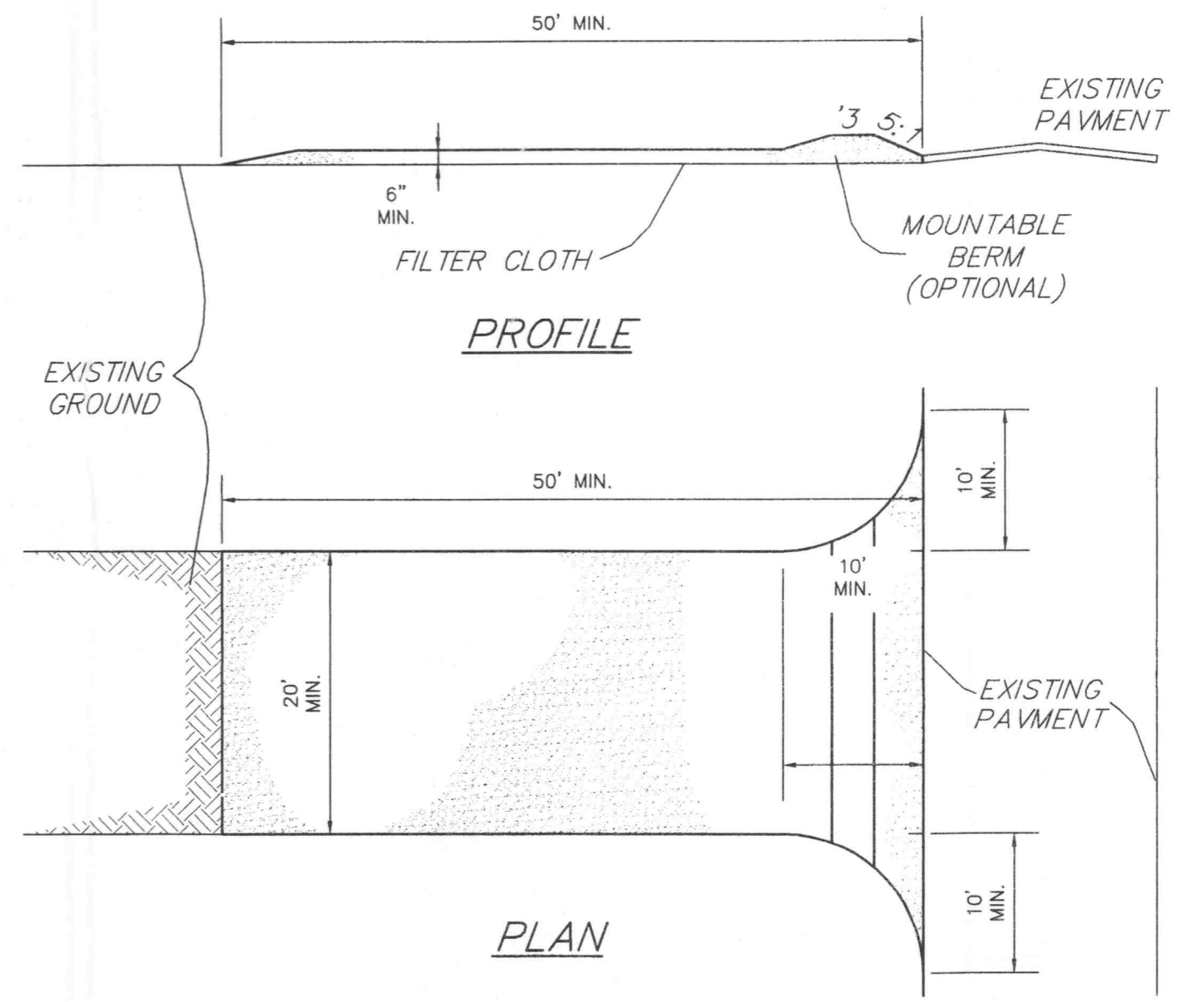
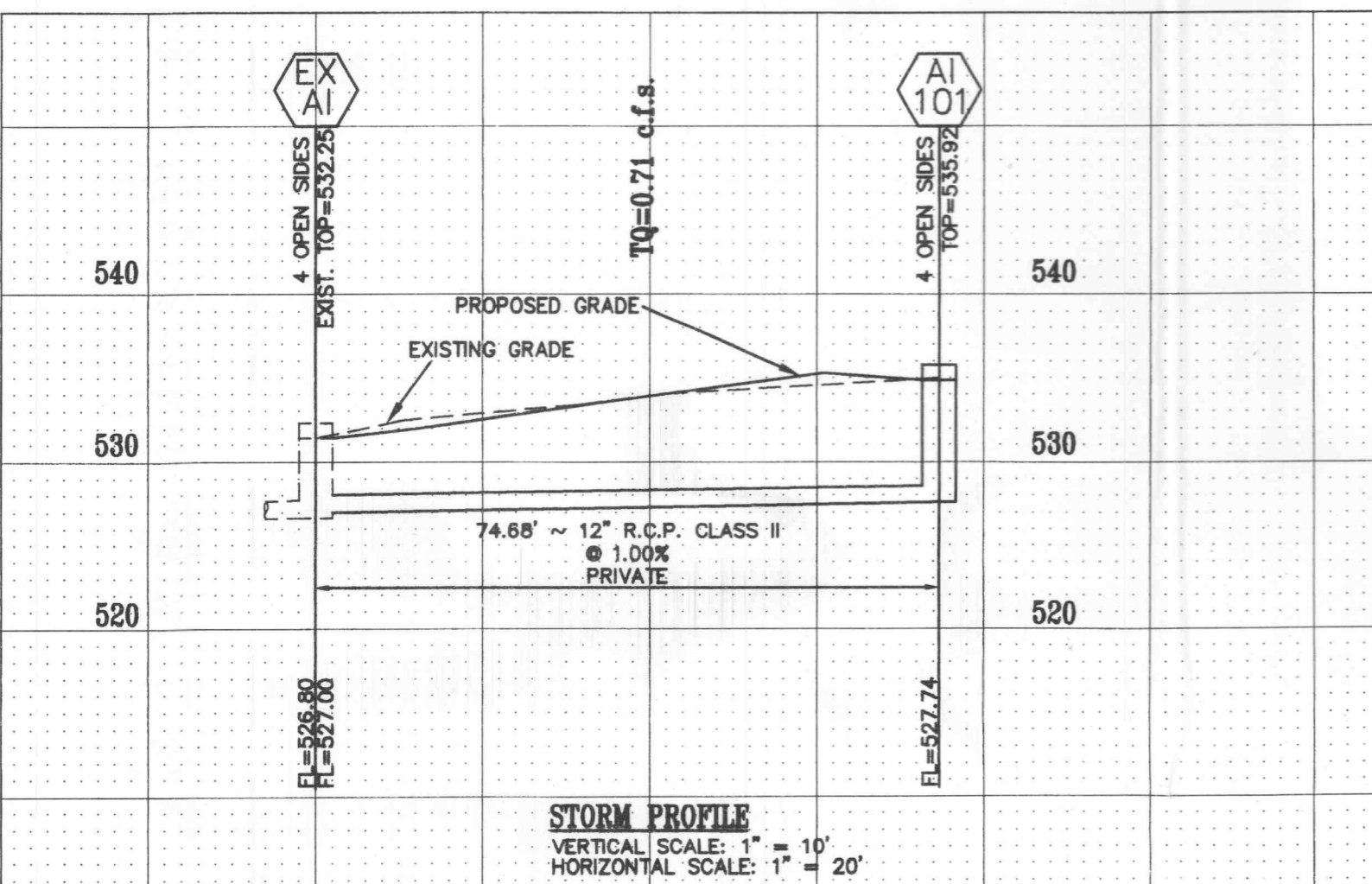
* ENM = effective neutralizing material as per State evaluation of quarried rock.

BAX PROJECT NAME : LOT 5 PERUQUE CROSSING
BAX PROJECT NO. : 00-112821
DESIGN DATE : 11-1-04
DESIGNED BY : SWR
15 YEAR HYDRAULICS

SUBMITTED: 11-1-04 FILENAME: 112821

U.P.P. STR	LOW STR	L	DIA	UPPER FL LN	LOWER FL LN	PS	UPPER ST EL	DEPTH HY GR	UPPER HY EL	LOWER HY EL	HYDR GRADE	FR HEAD	VEL	VEL HEAD	JUNC LOSS	TURN LOSS	CURVE LOSS	STR GRADE	INL CAP	DR AREA	PI	Q	TQ	PIPE CAP	REMARKS
AI101	EXAI	75	12	527.74	527.00	0.99	535.92	7.36	528.56	528.52	.00040	0.03	0.90	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.71	3.55	1	HW=528.52
CI100	EXMH	25	12	526.50	526.26	0.98	533.17	5.34	527.83	527.81	.00030	0.01	0.74	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.58	3.52	2	HW=527.81

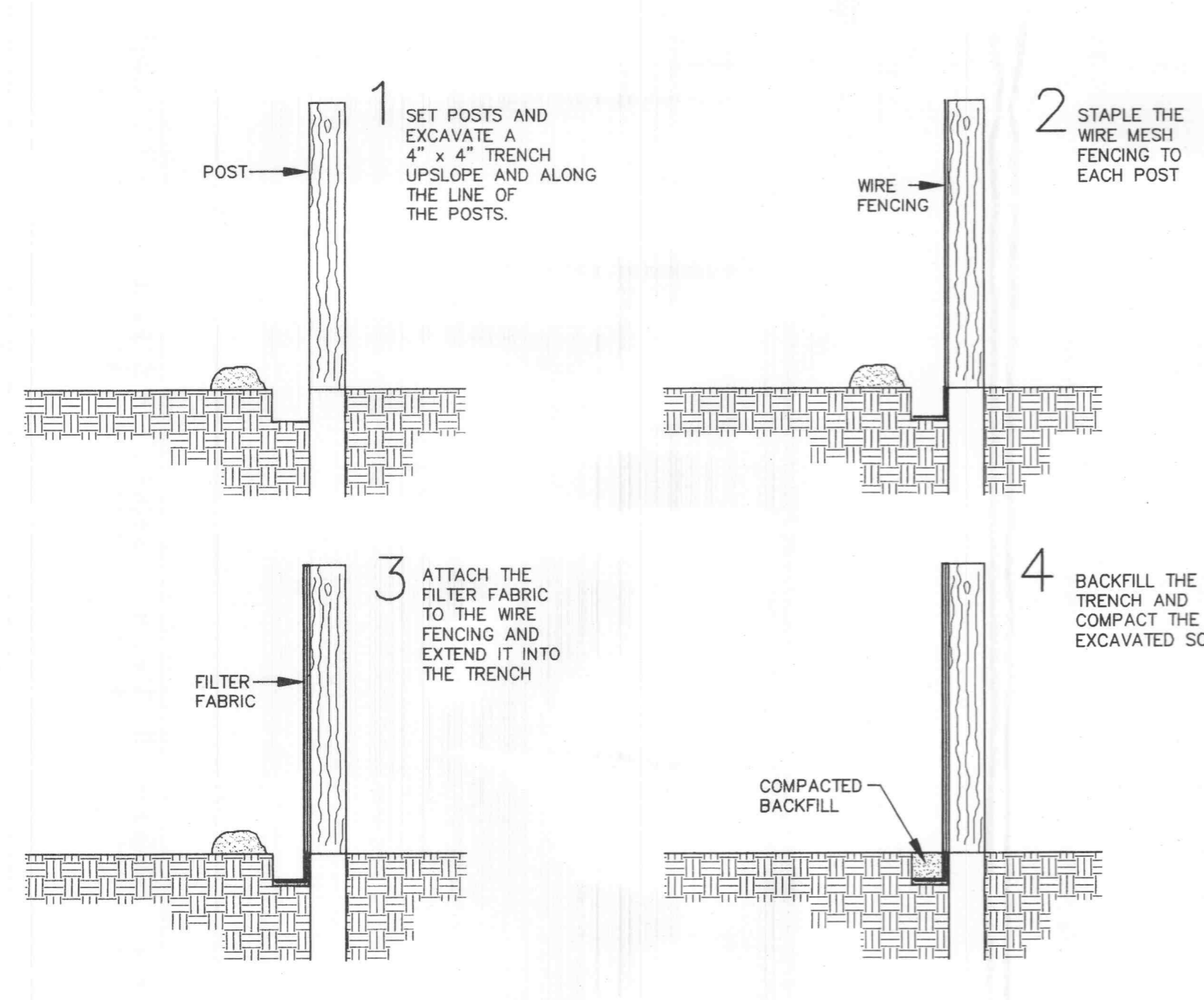
* INDICATES CRITICAL DEPTH



CONSTRUCTION SPECIFICATIONS

- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Twenty (20) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.

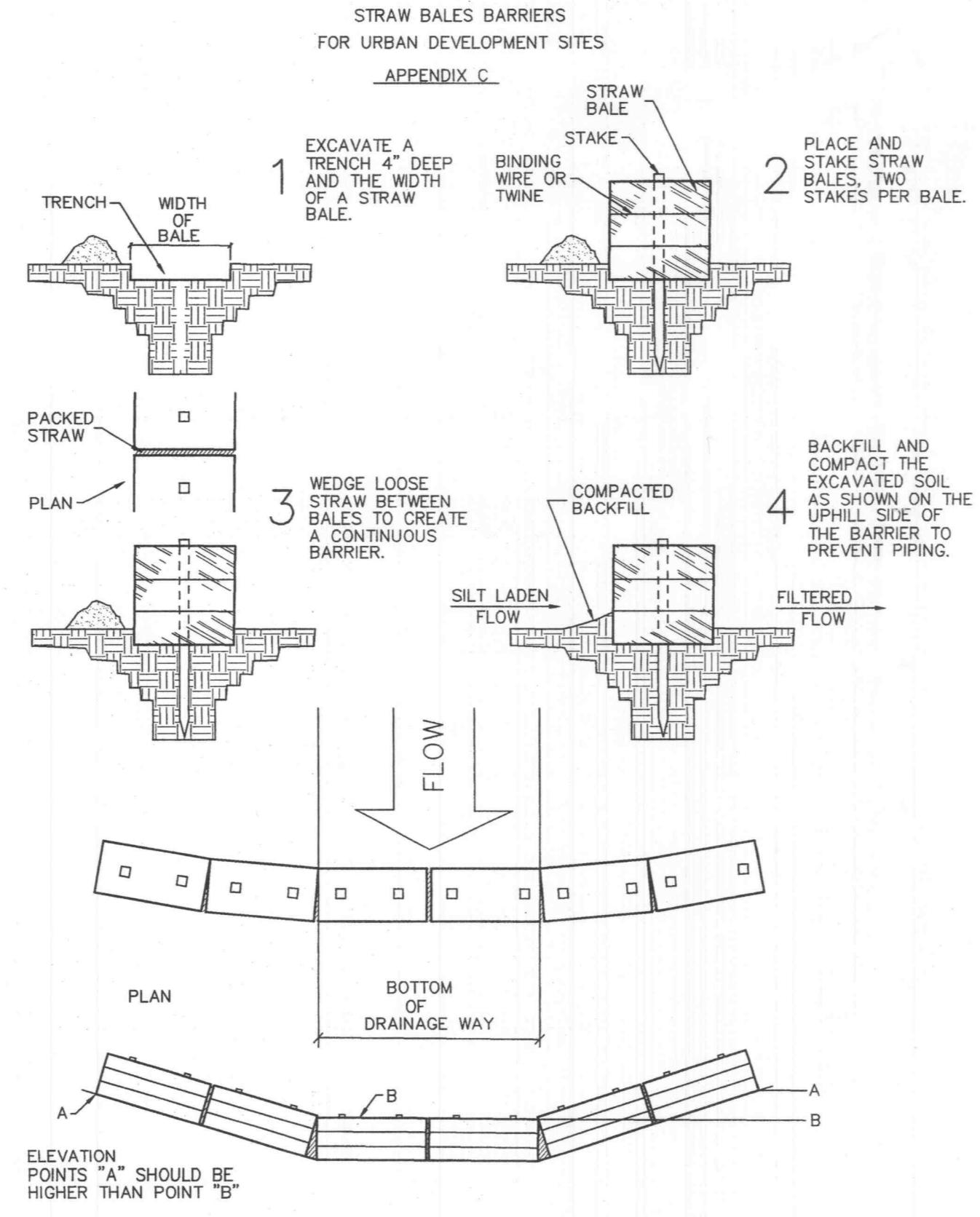
STABILIZED CONSTRUCTION ENTRANCE/WASHDOWN AREA
NOT TO SCALE



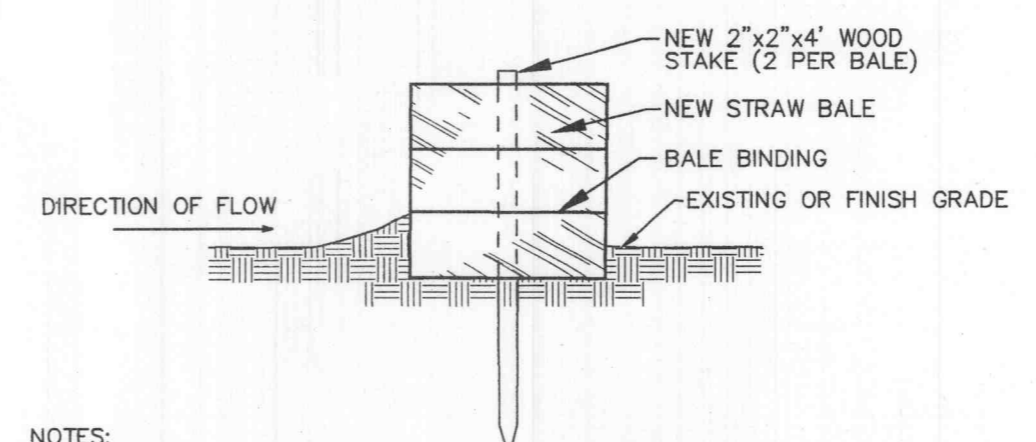
- Filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.
- Should the fabric decompose or become ineffective prior to the end of the expected usable life and the barrier still be necessary, the fabric shall be replaced promptly.
- Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately half the height of the barrier.
- Any sediment deposits remaining in place after the silt fence or filter barrier is no longer required shall be dressed to conform with the existing grade, prepared and seeded.



SILTATION FENCE DETAIL



PLACEMENT AND CONSTRUCTION OF STRAW BALE BARRIER



SEDIMENT BARRIER
NOT TO SCALE

- NOTES:
- STRAW BALES, NOT HAY BALES SHALL BE USED
 - BUTT ENDS OF BALES TIGHTLY TOGETHER.
 - INSTALL BALES WITH BINDING AROUND SIDES, NOT TOP AND BOTTOM.
 - FILL ANY GAP BETWEEN BALES BY WEDGING LOOSE STRAW BETWEEN THEM.

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