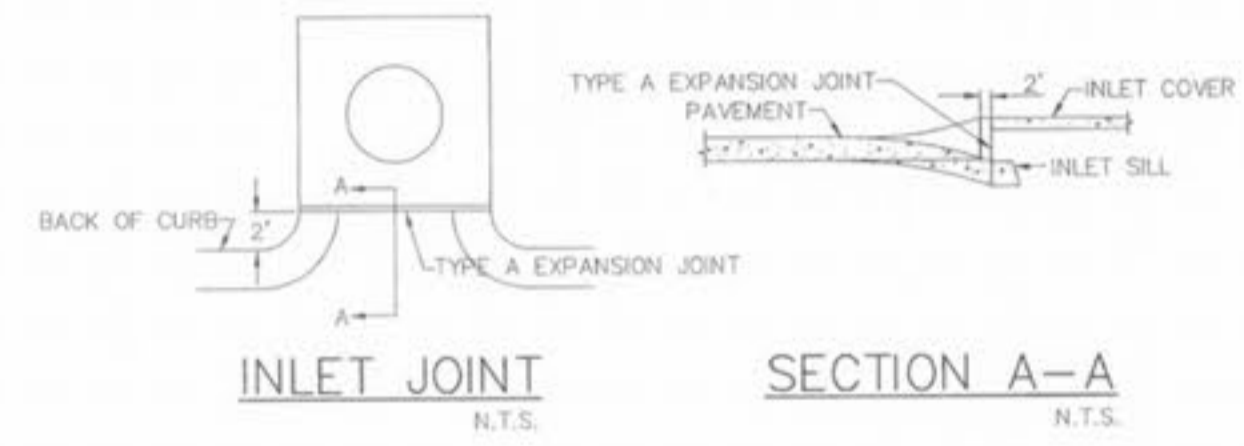
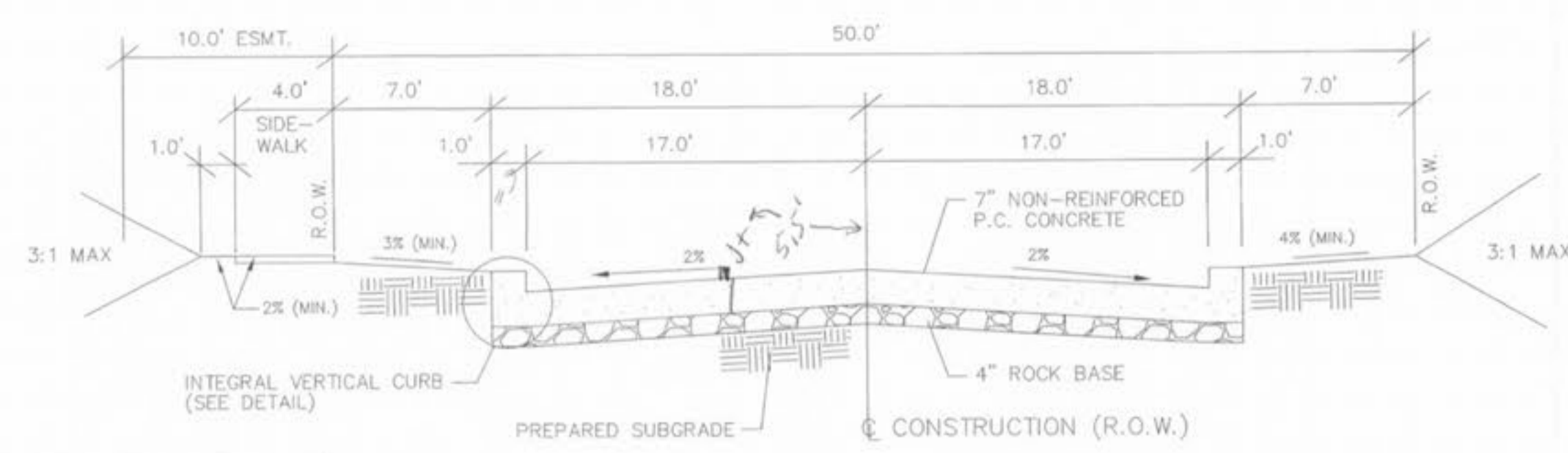


- GENERAL NOTES**
- Street Name Sign plates shall be 9 inches wide extruded aluminum panels in 30, 36, 42, 48, 52 and 54 inch lengths per drawing shown on this exhibit.
  - Sign Legend shall be 6 inch Series C Reflective White lettering for Street Name and 4 inch Reflective Series B letters for the suffix on Green Reflective background. All Reflective Sheetings shall be Type B-Enclosed Lens and meet Federal Specification FF-79,1979 Section 6.33.06 Sheet Reflective materials.
  - Sign Posts shall have a 2 3/8 inch outside diameter and be 12 feet in length. They shall be either Schedule 40 Aluminum Pipe or Galvanized Steel with a wall thickness of 0.065 inches. The inside wall shall be galvanized or have a full zinc based organic coating in accordance with ASTM-A513 to obtain a weight of 0.90 oz. per sq. ft. commercial zinc weight (G-90).
  - Signs are to be mounted a minimum of 3.5 feet from the back of curb with a minimum clearance from the sidewalk of 1.5 feet.
  - Sign posts shall be mounted 18-24 inches in the ground and set in a concrete base.
  - The contractor shall be responsible for verification of underground utilities and structures shown or not shown prior to the placement of sign posts.

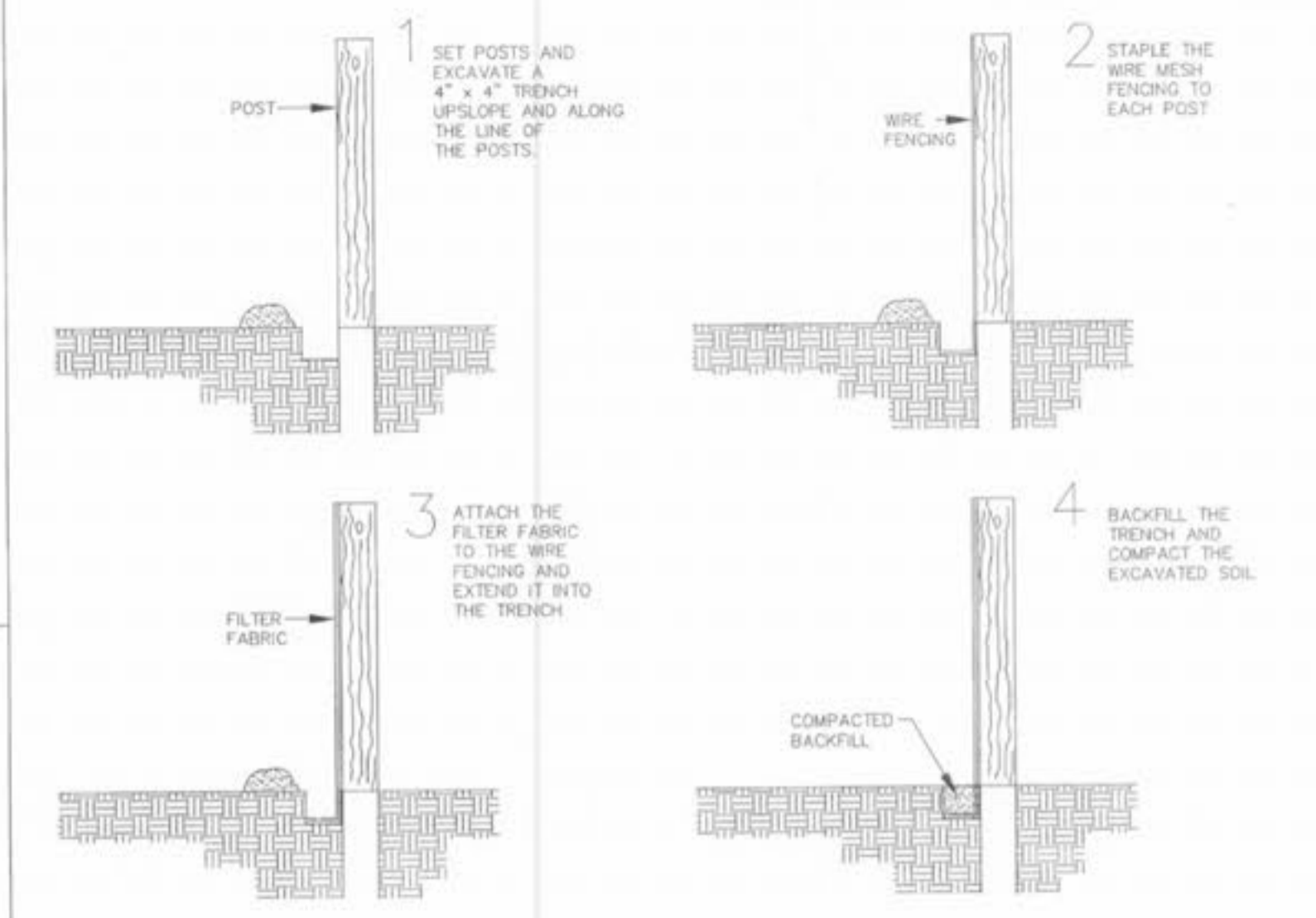
SAINT CHARLES COUNTY  
 HIGHWAY DEPARTMENT  
 ST. CHARLES, MISSOURI

**STREET NAME SIGNS,  
 DETAILS AND LOCATIONS**

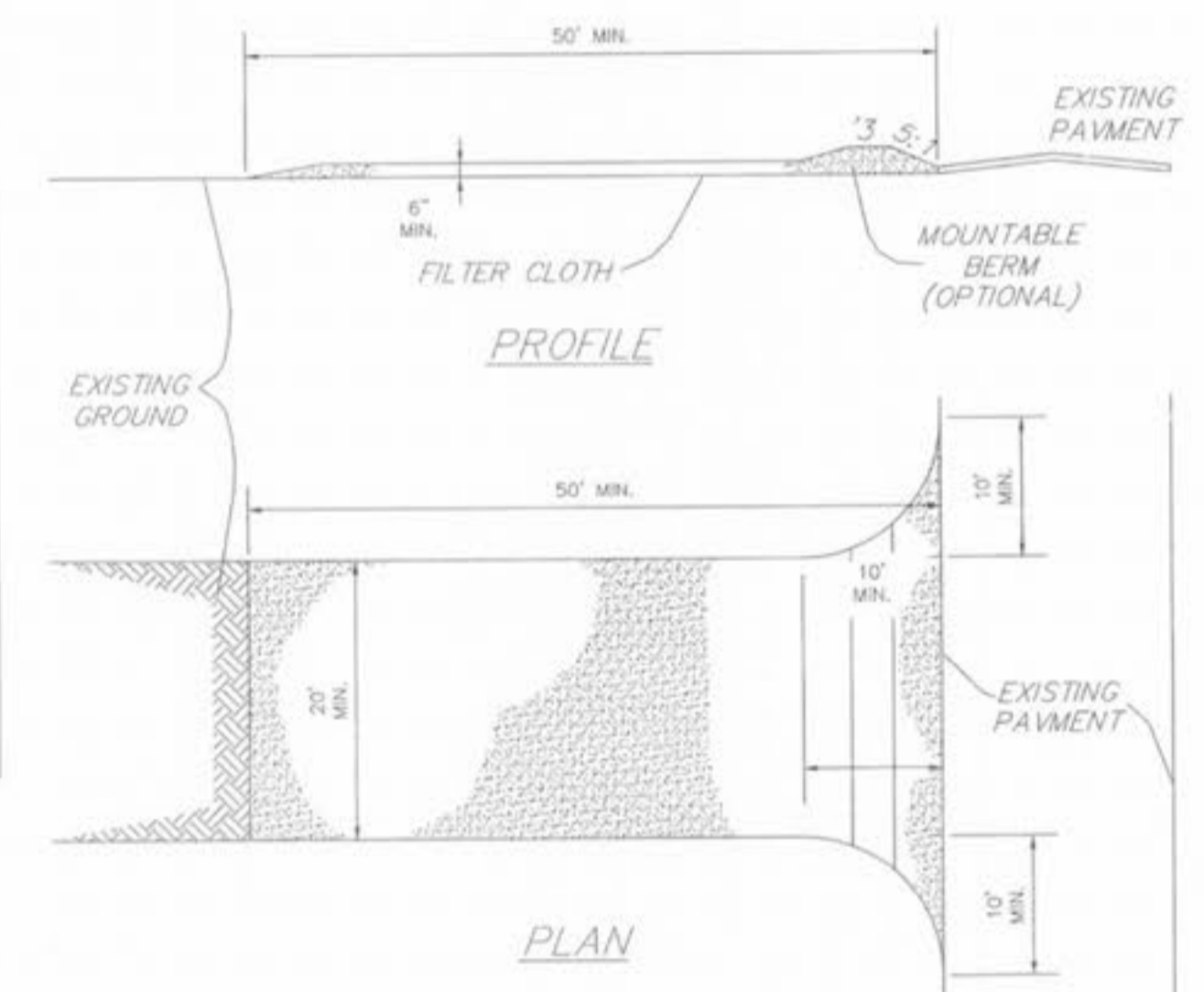
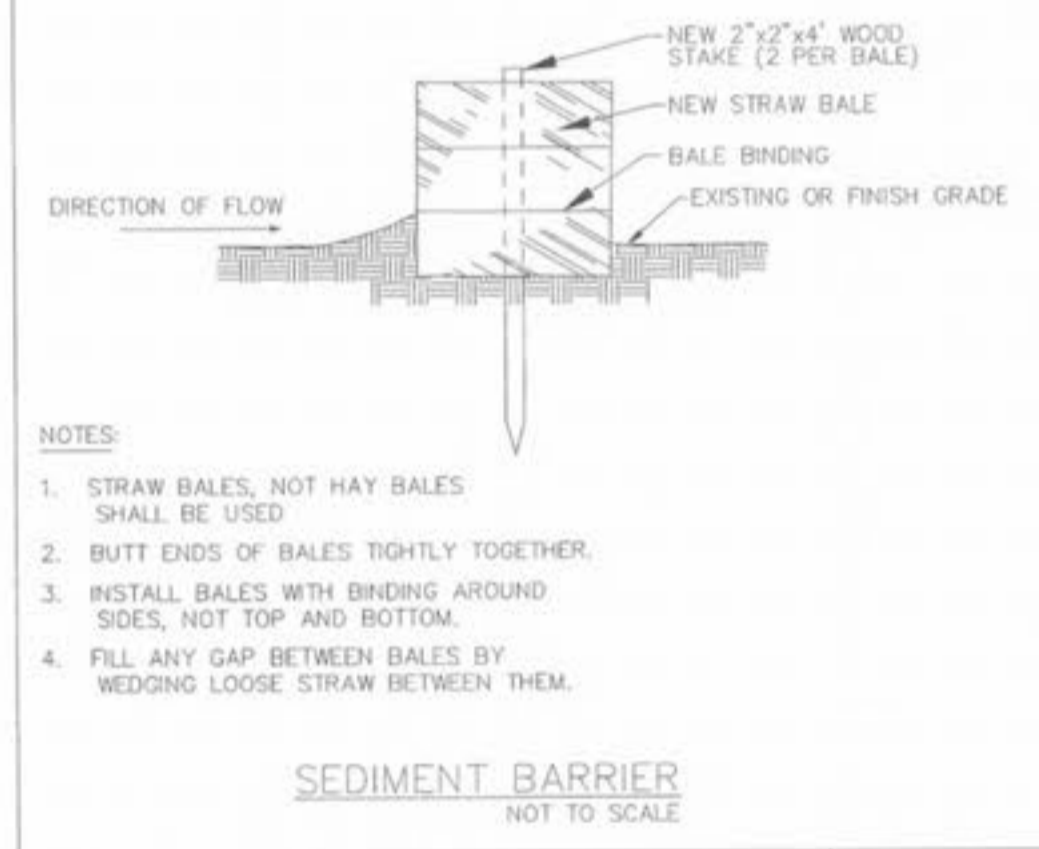
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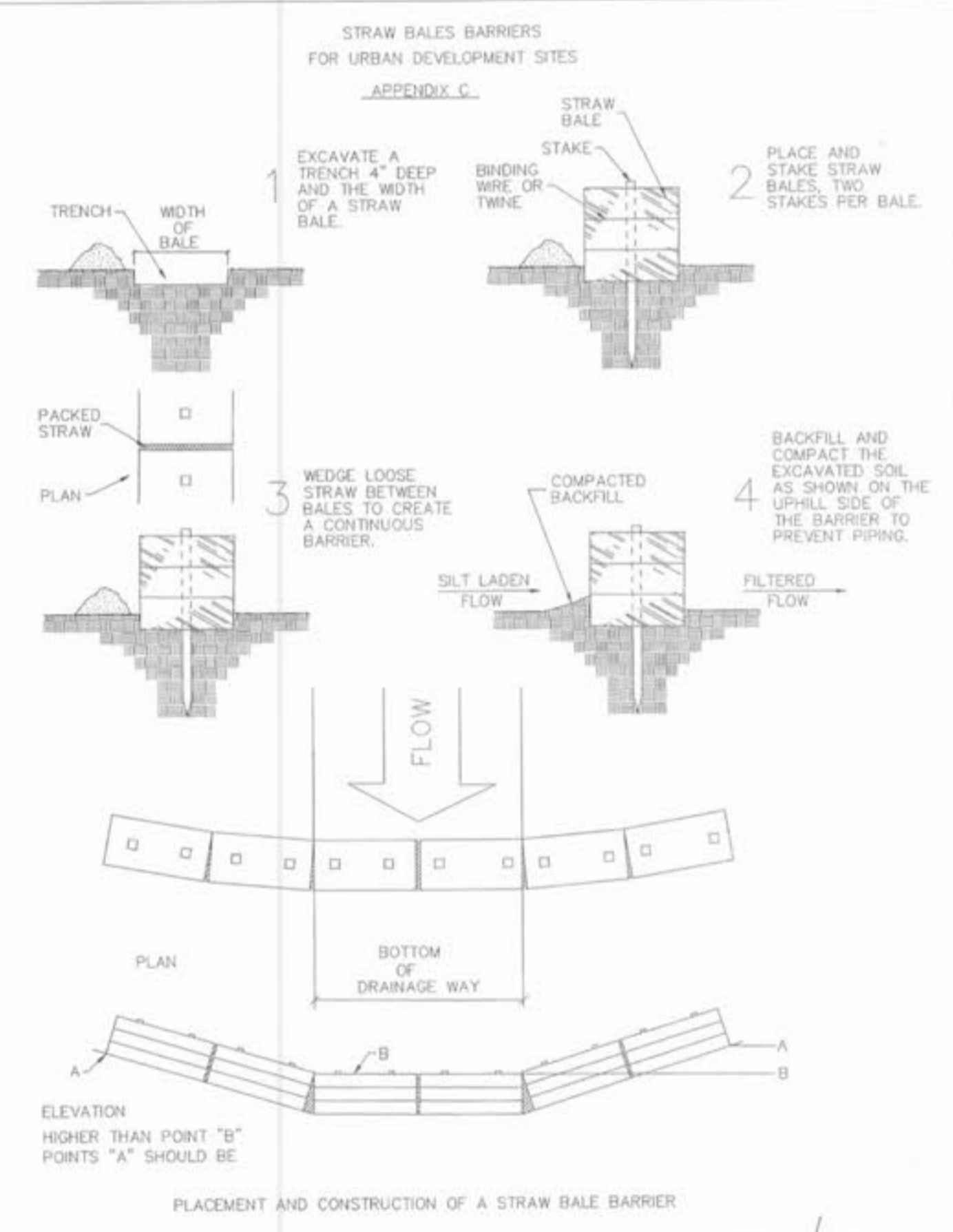
- NOTES**
- ALL CATCH BASINS SHALL BE SEPARATED FROM THE PAVEMENT AND CURB BY EXPANSION JOINT MATERIAL EXTENDING COMPLETELY THROUGH CURB AND SLAB. MANHOLE CASTINGS WITHIN THE PAVEMENT LIMITS SHALL BE BOXED IN AS SHOWN.
  - WHEN A JOINT FALLS WITHIN 5 FEET OF OR CONTACTS BASIN, MANHOLES OR OTHER STRUCTURES, SHORTEN ONE OR MORE PANELS EITHER SIDE OF OPENING TO PERMIT JOINT TO FALL ON ROUND STRUCTURES AND AT OR BETWEEN CORNERS OF RECTANGULAR STRUCTURES.
  - T = 6" ON LOCAL STREET.
  - T = 7" ON MAJOR OR THRU STREET.



- NOTES**
- 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**

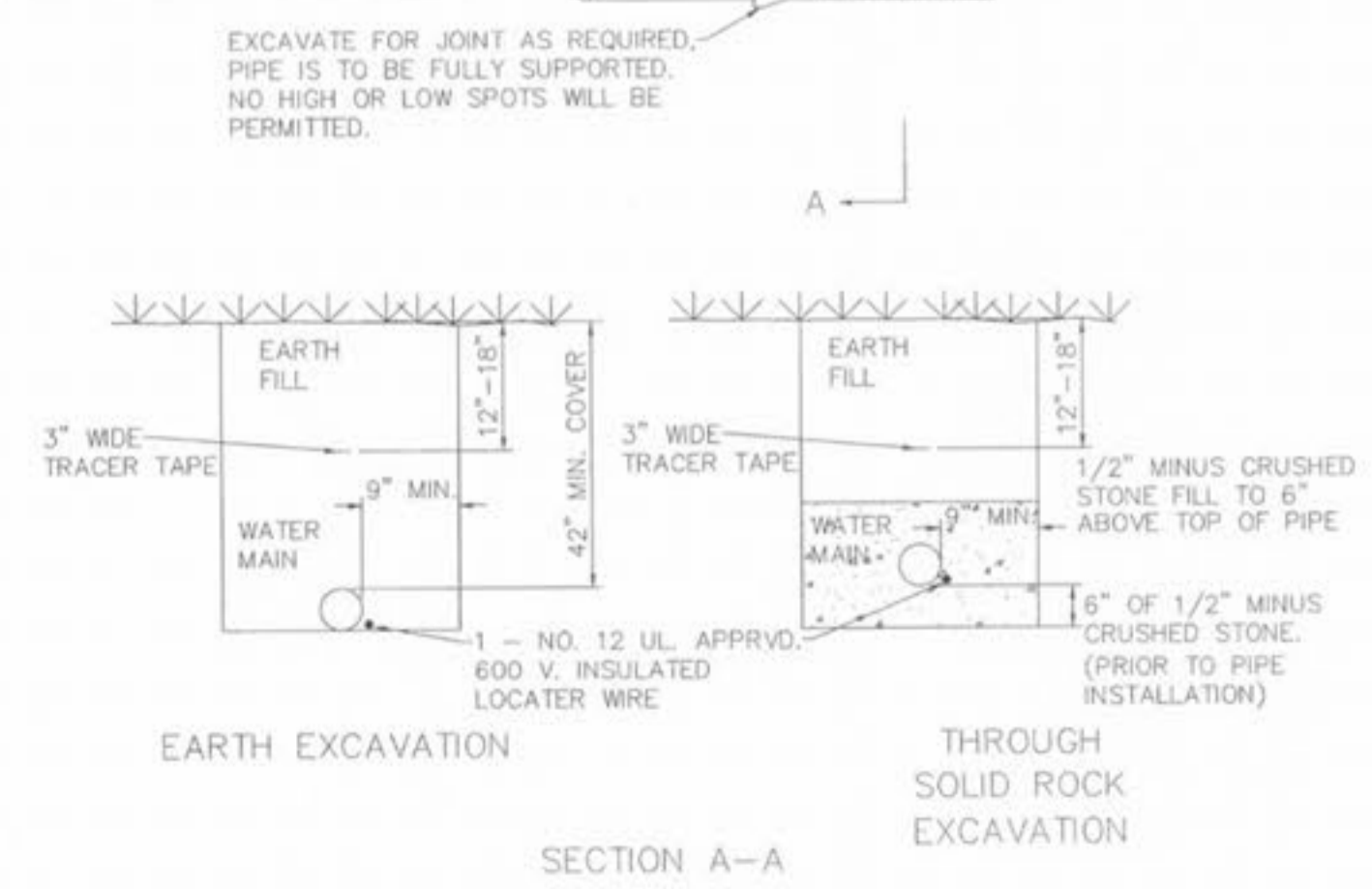


- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Twenty (20) foot minimum, but not less than 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.



ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
Inside Diameter of Pipe (Inches)	"W" Payline Width of Trench (Inches)	"W" Payline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. Concrete Encasement	Inside Diameter of Pipe (Inches)	"W" Payline Width of Trench (Inches)	"W" Payline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. Concrete Encasement
4	28	2.33	3.20				
6	28	2.33	3.46				
8	28	2.33	3.70				
10	28	2.33	3.86				
12	28	2.33	3.98				
15	32	2.67	4.89				
18	35	2.92	5.63	14 X 23	41	3.42	5.94
21	39	3.25	6.61				
24	42	3.50	7.39	19 X 30	49	4.08	7.68
27	45	3.75	8.18	22 X 34	53	4.42	8.61
30	49	4.08	9.30	24 X 38	58	4.83	9.70

TABLE NO. 1  
 PAYLINE WIDTHS OF TRENCH AND  
 PAY-QUANTITIES OF CONCRETE



**STABILIZED CONSTRUCTION ENTRANCE/WASHDOWN AREA**  
 NOT TO SCALE

