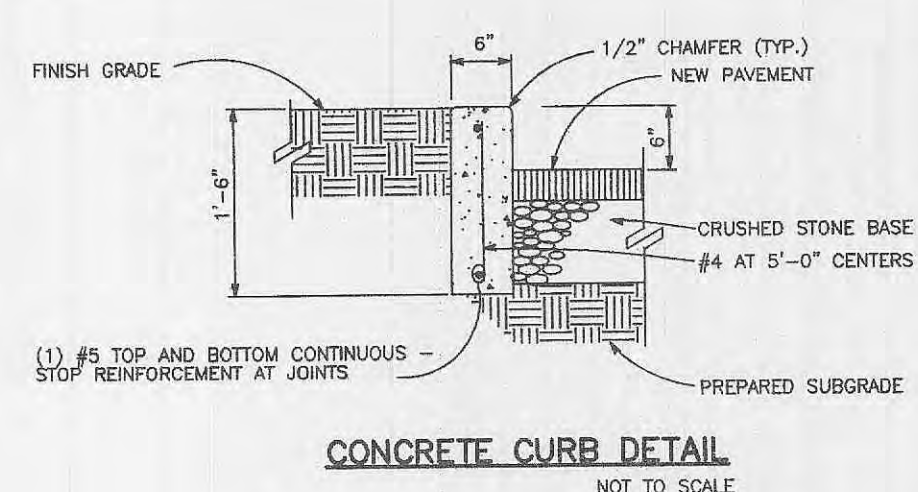
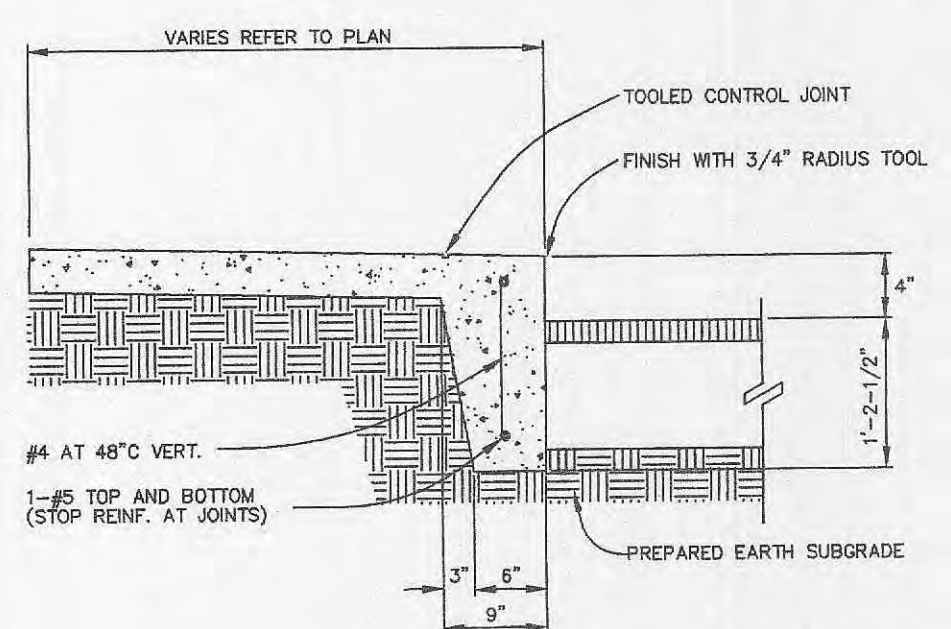
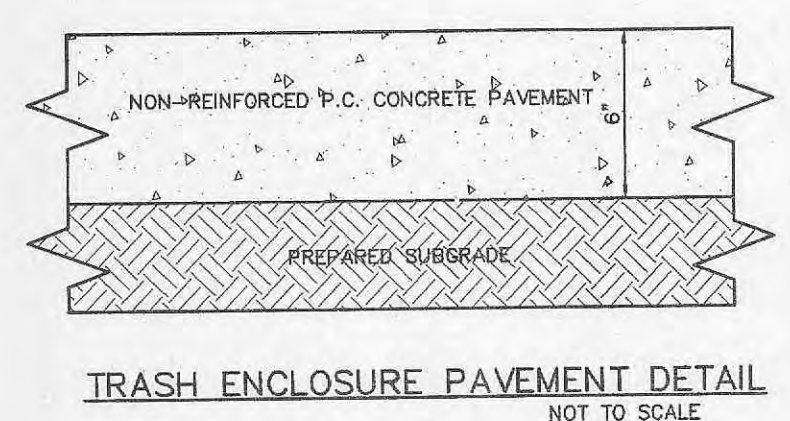
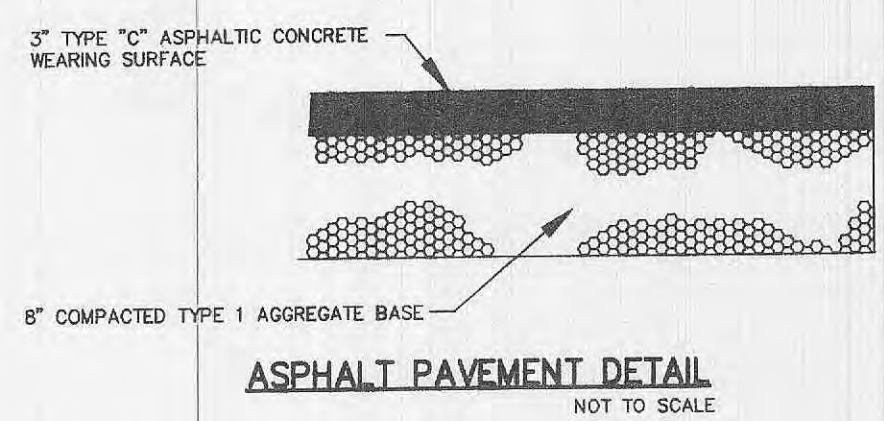


REVISIONS:
 09-06-04 MoDot Comments
 09-10-04 City Comments
 10-21-04 Fire Department Comments
 11-16-04 City Comments
 02-01-05 City Comments

03-12398

07/16/04



ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
Inside Diameter of Pipe (Inches)	"w" Payline Width of Trench (Inches)	"w" Payline Width of Trench (Feet)	Pay-volume cu. ft. per ft. of Concrete Encasement	Inside Diameter of Pipe (Inches)	"w" Payline Width of Trench (Inches)	"w" Payline Width of Trench (Feet)	Pay-volume cu. ft. per ft. of 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				

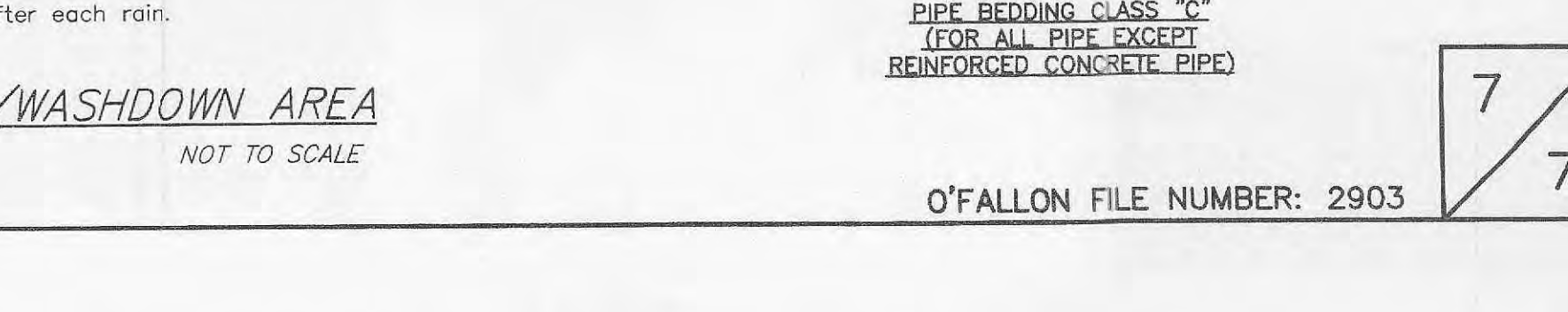
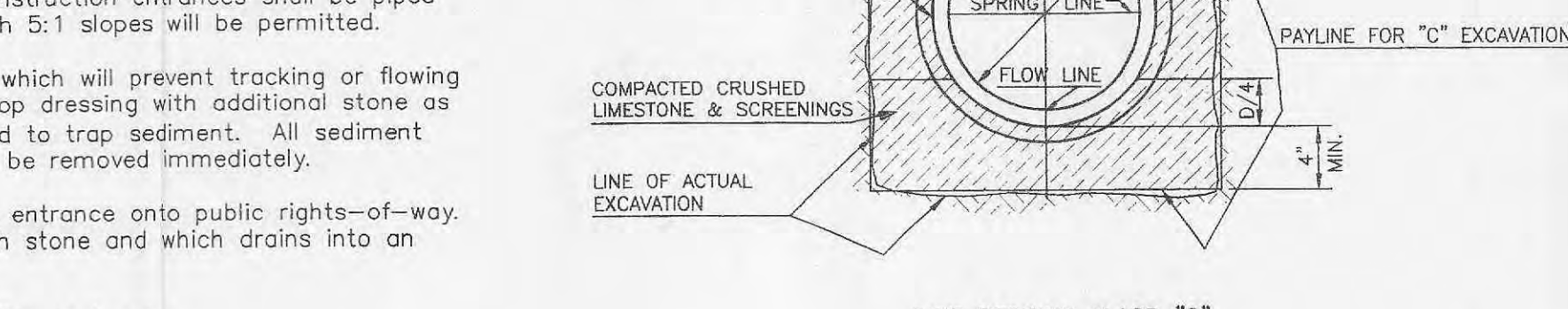
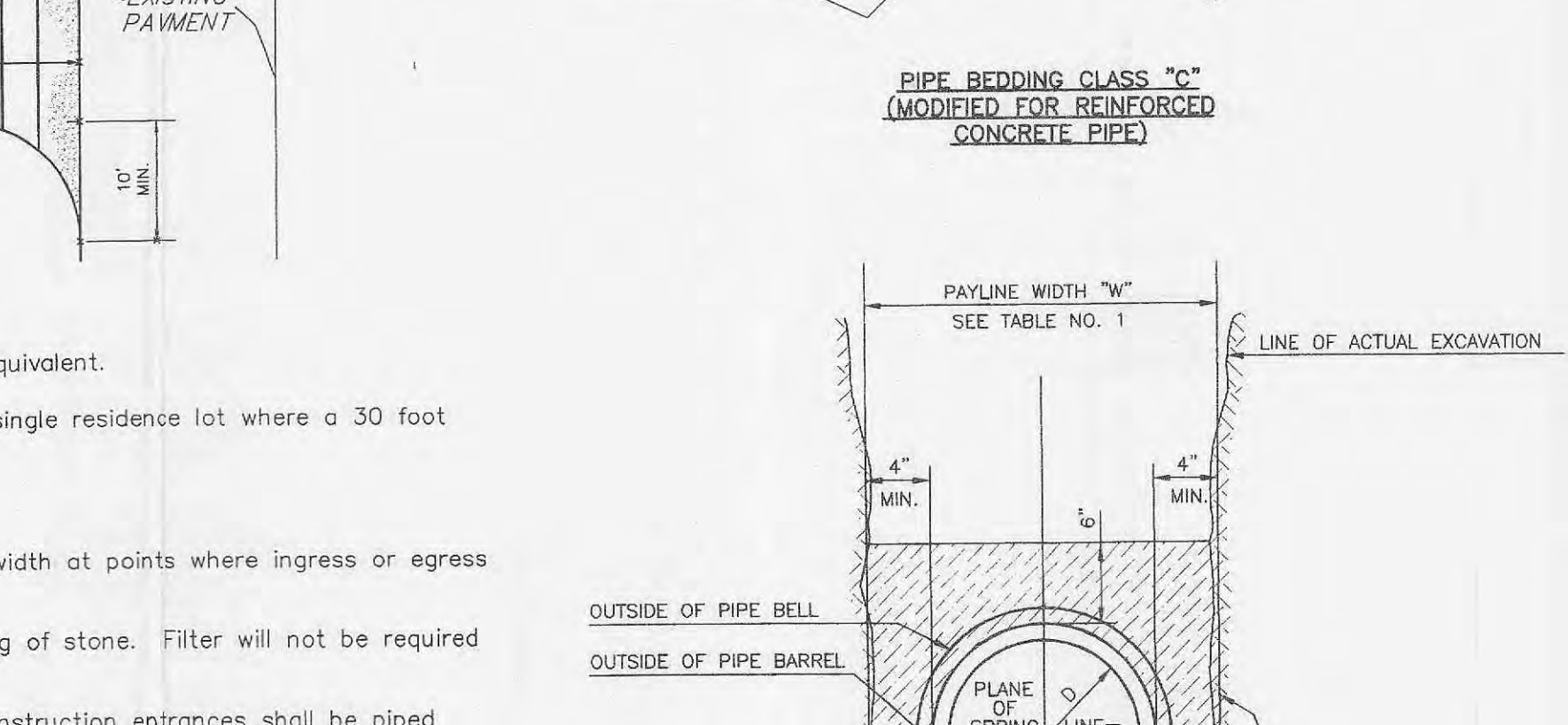
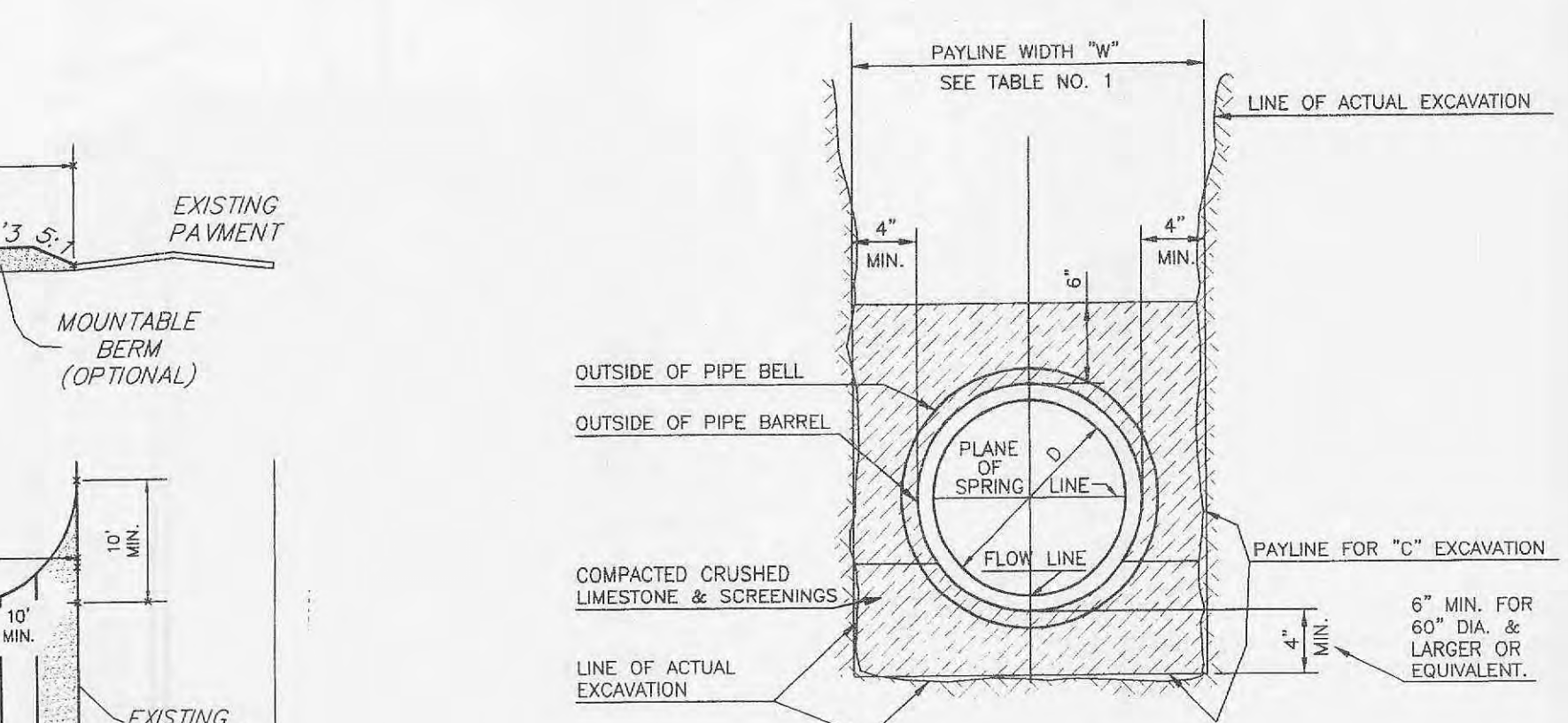
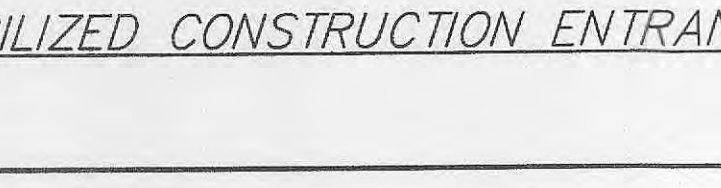
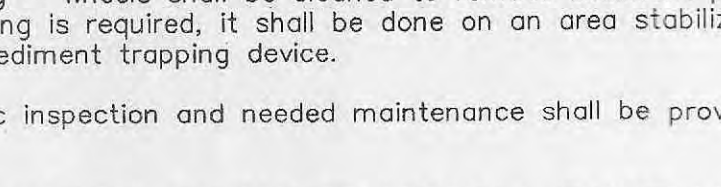
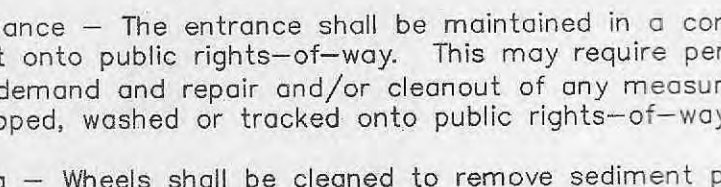
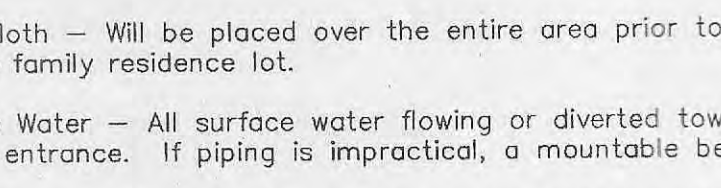
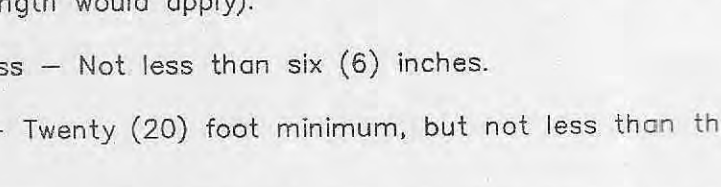
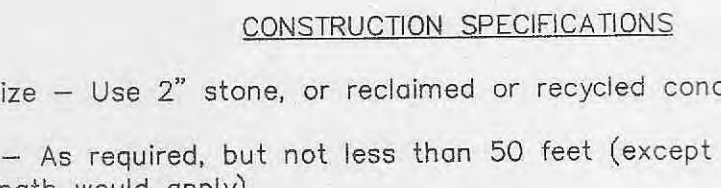
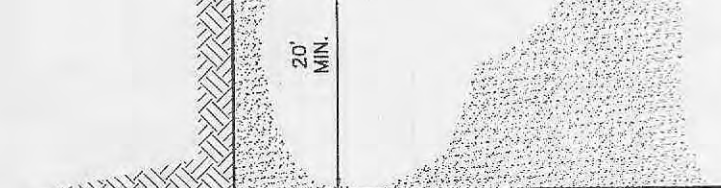
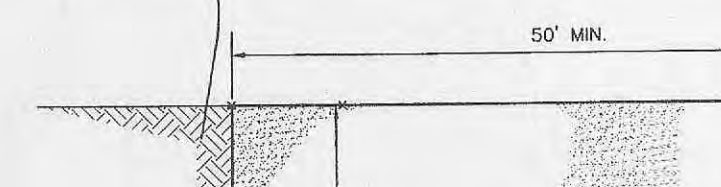
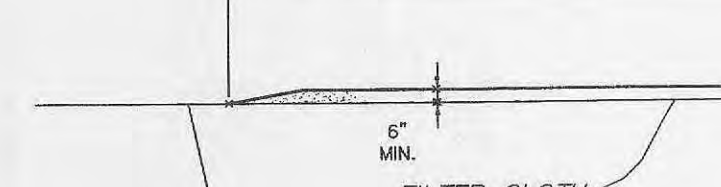
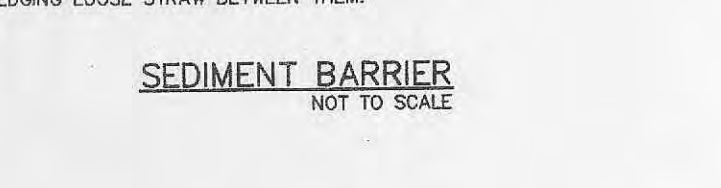
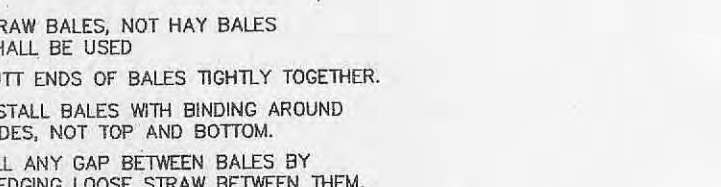
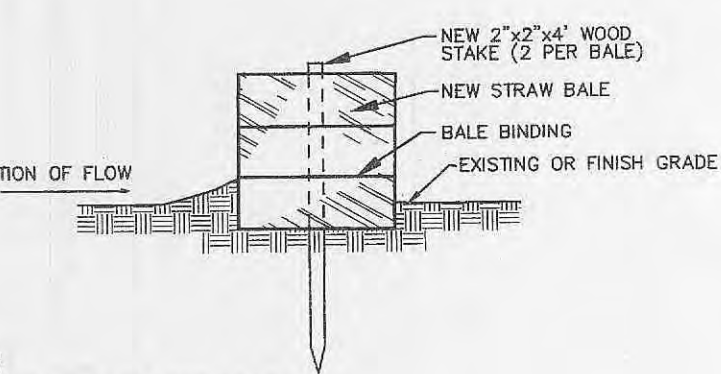
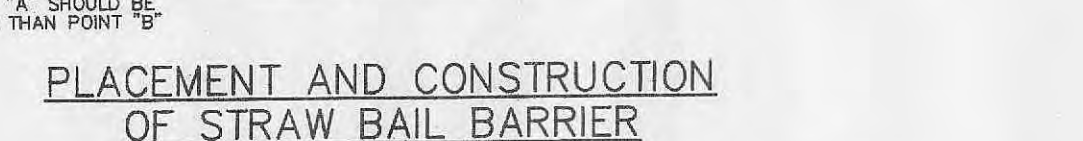
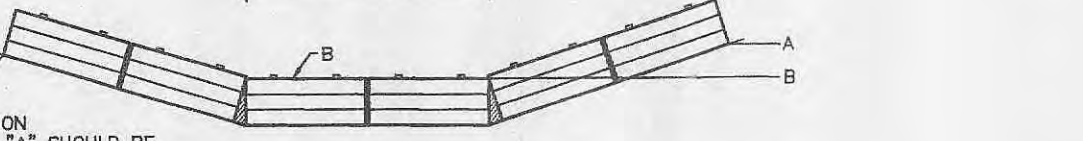
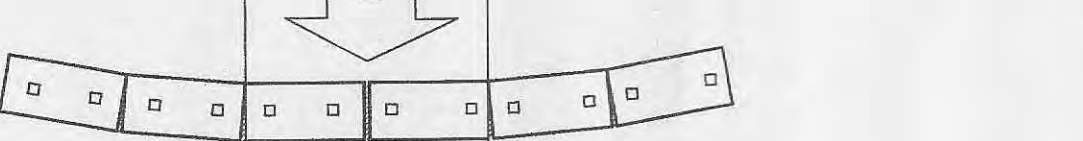
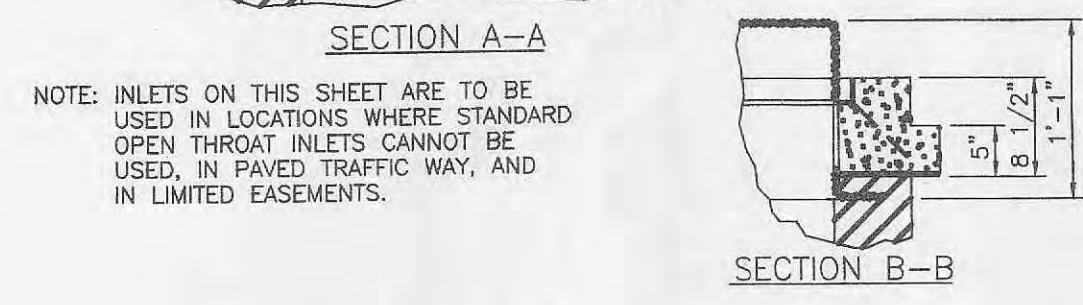
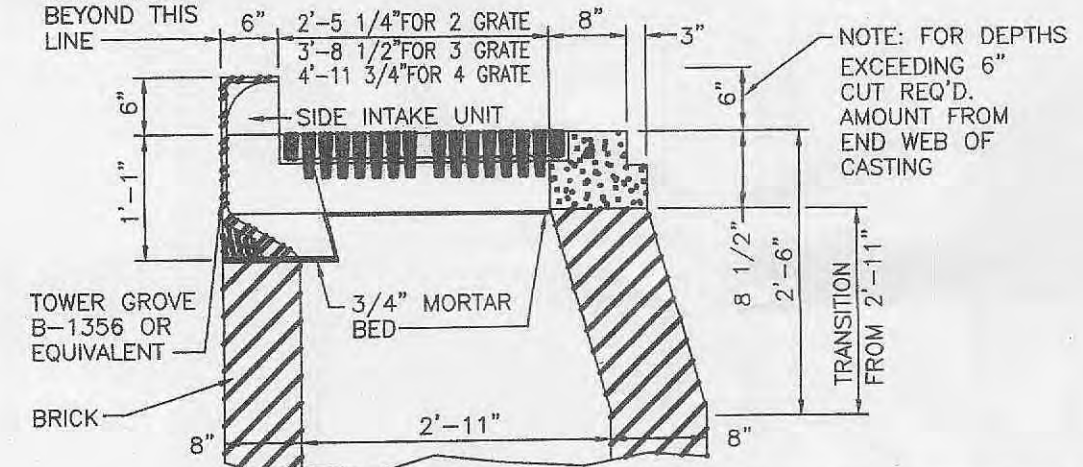
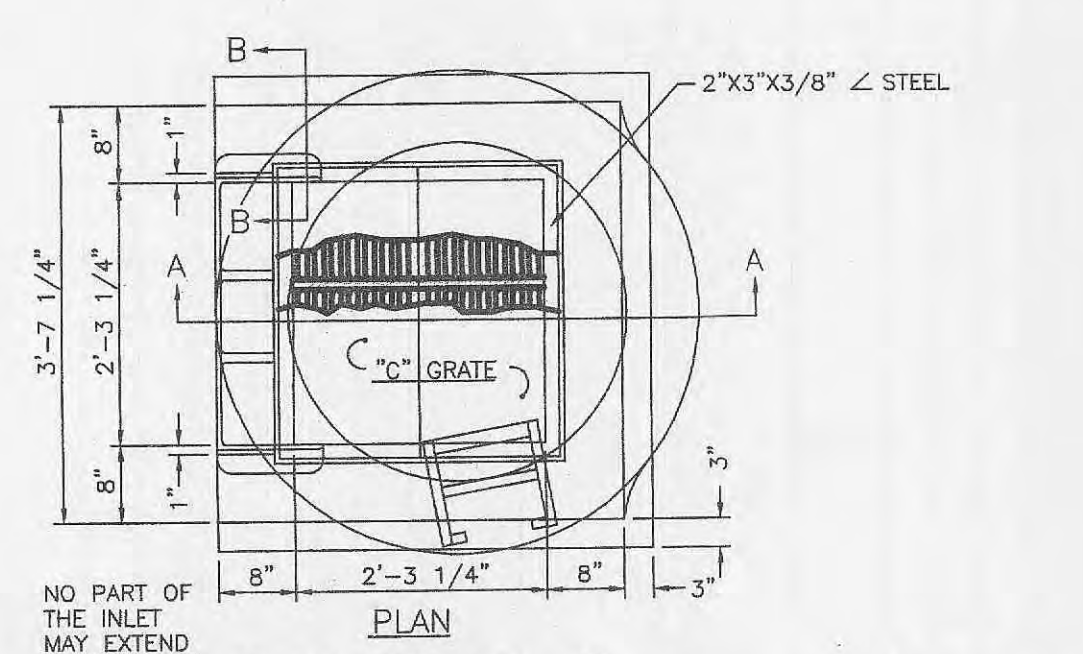
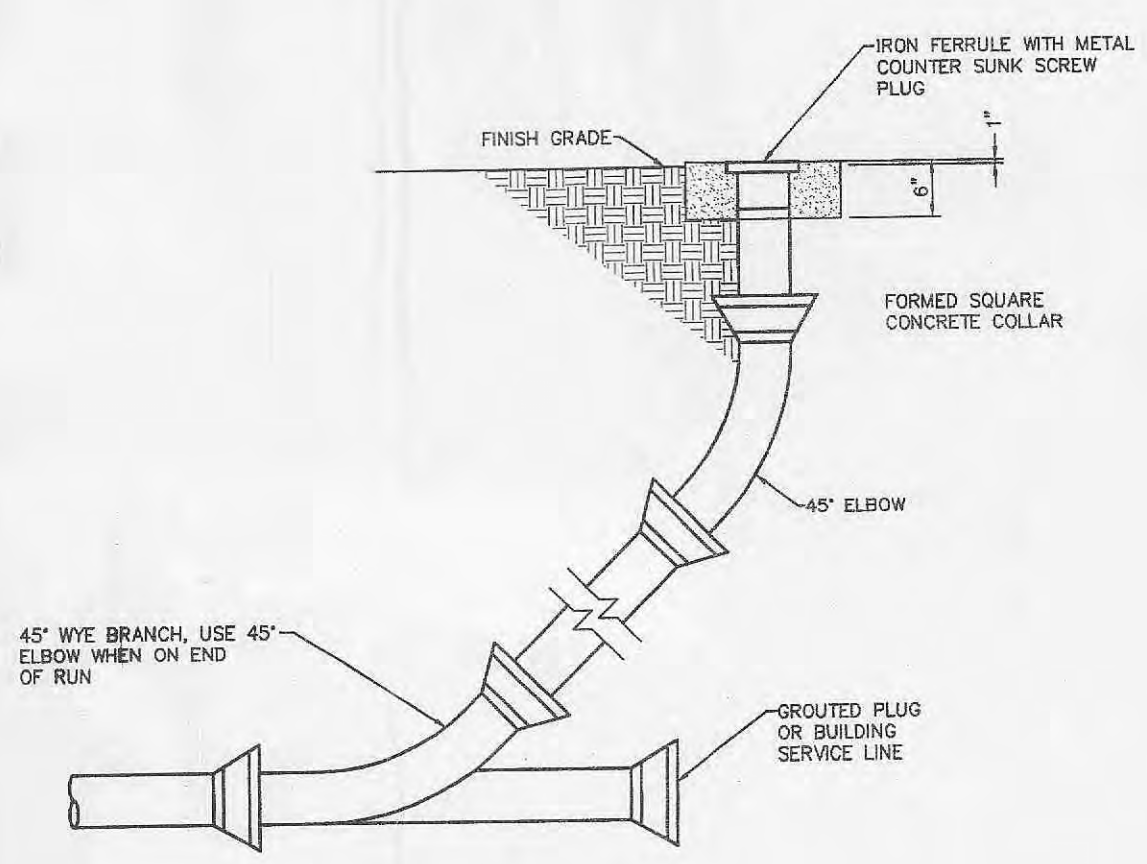
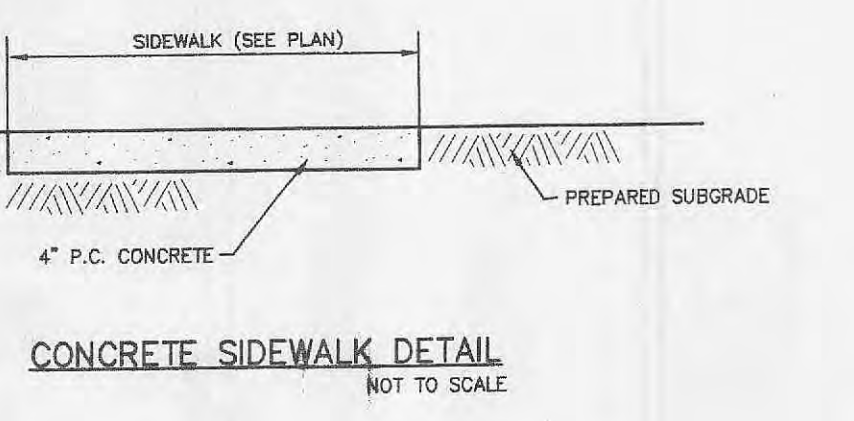
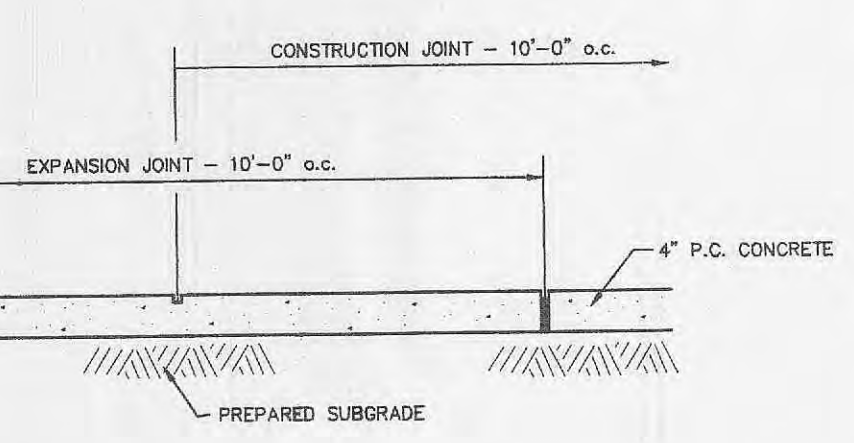
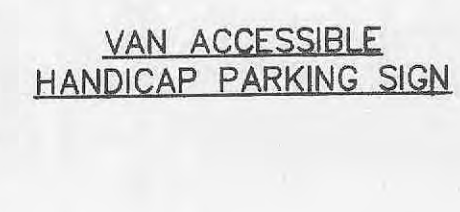
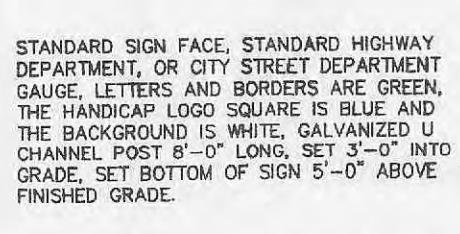
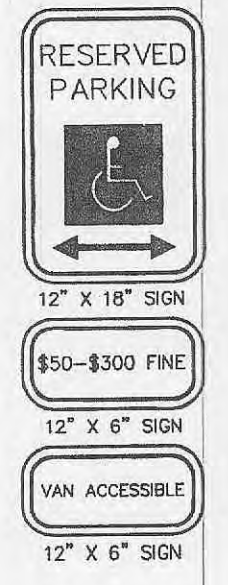
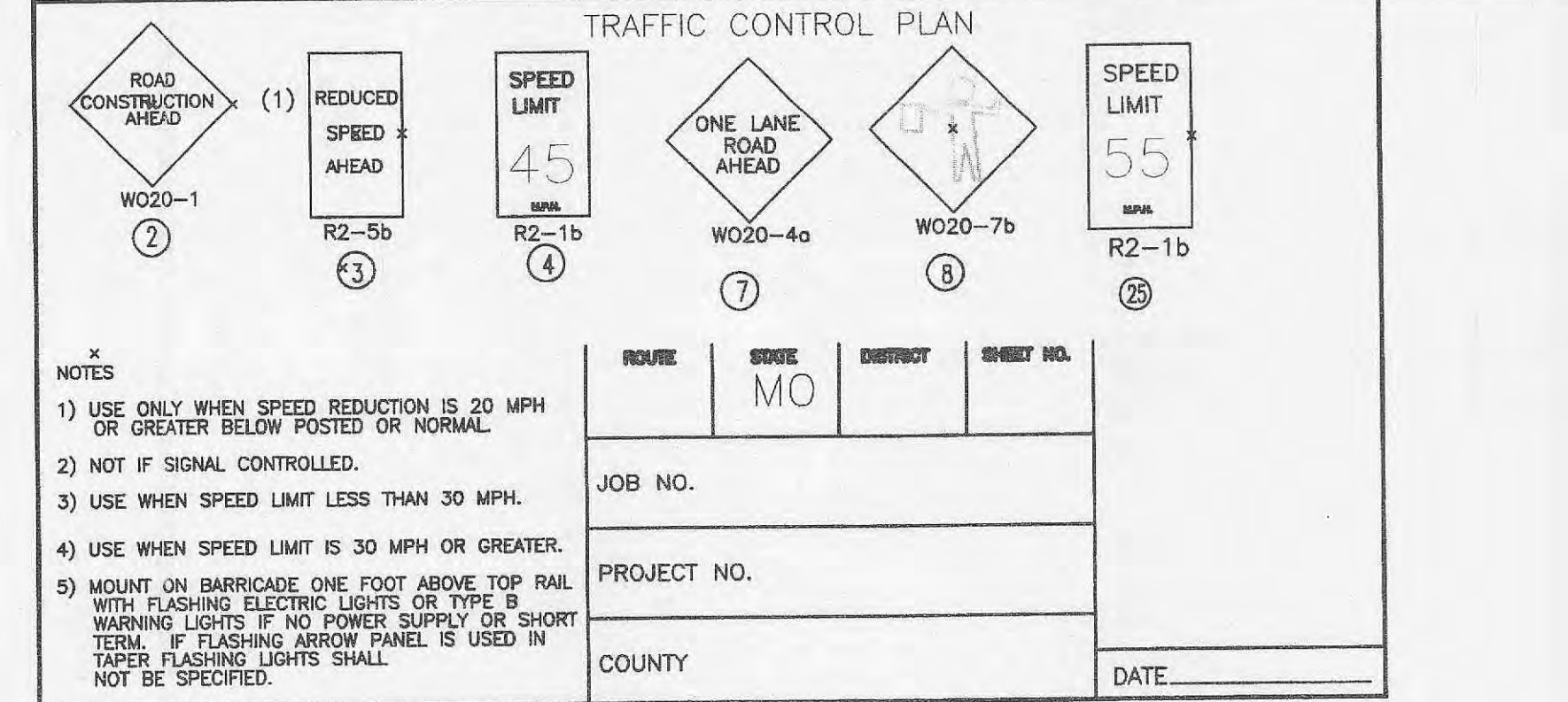
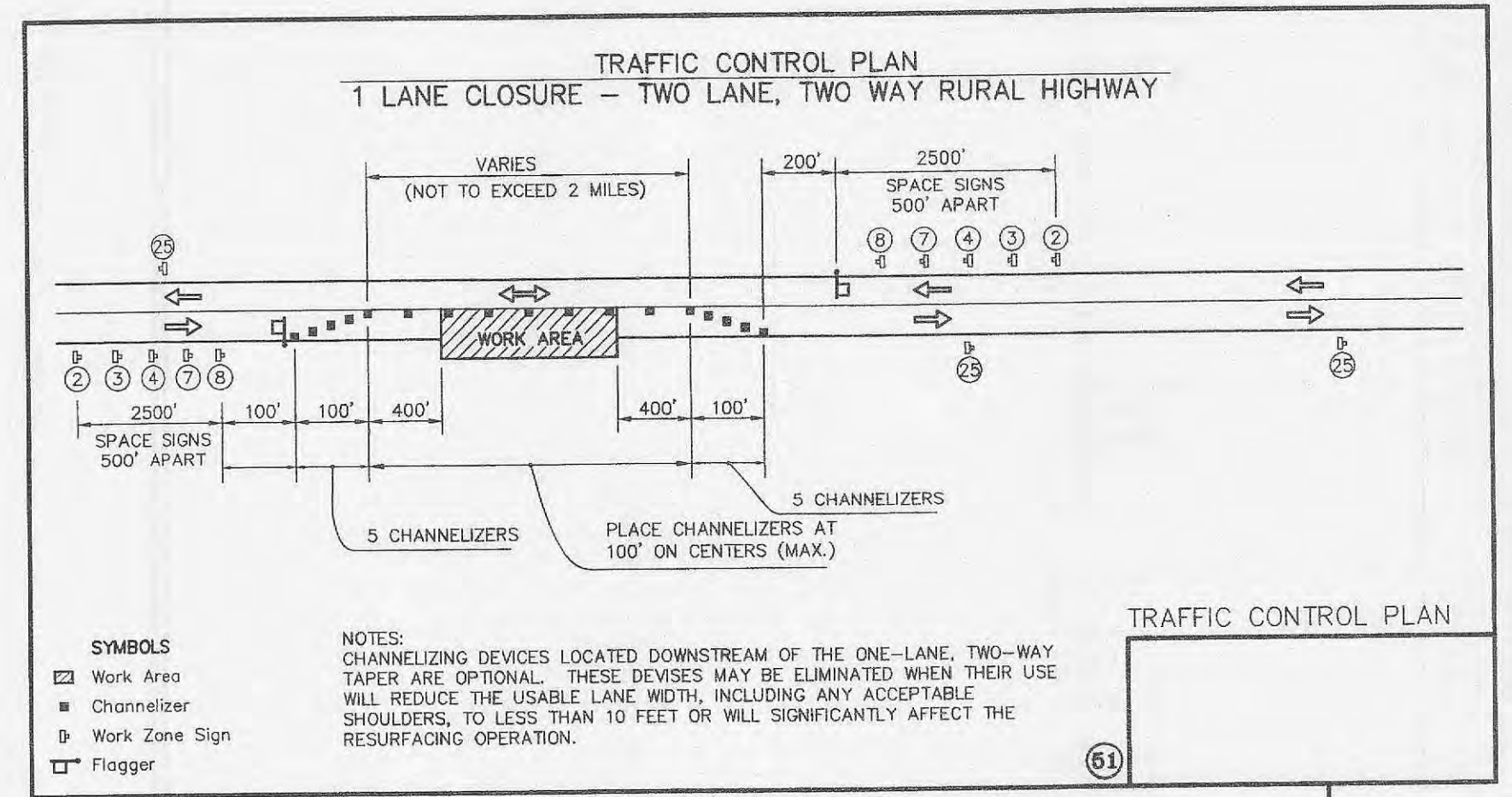


TABLE NO. 1
PAYLINE WIDTHS OF TRENCH AND
PAY-QUANTITIES OF CONCRETE

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

CONSTRUCTION SPECIFICATIONS

1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Twenty (20) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. 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.
6. 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.
7. 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.
8. 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.
9. Periodic inspection and needed maintenance shall be provided after each rain.

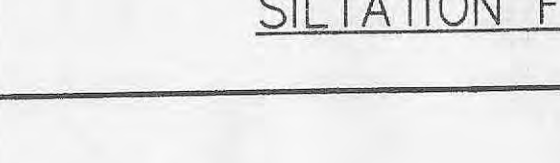
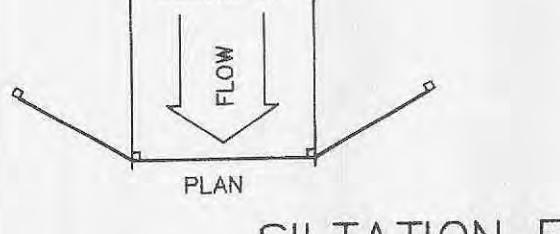
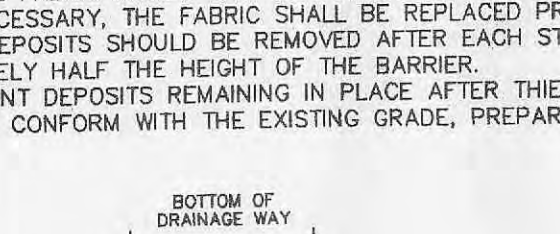
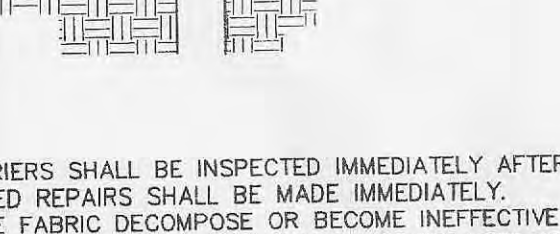
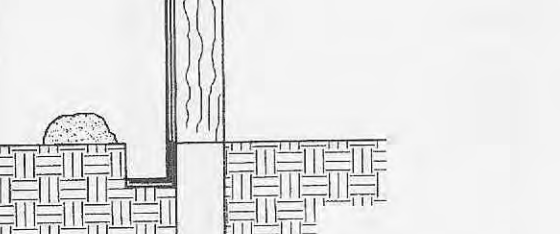
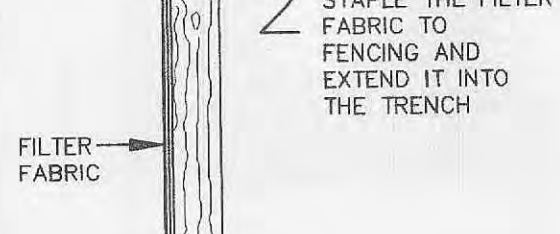
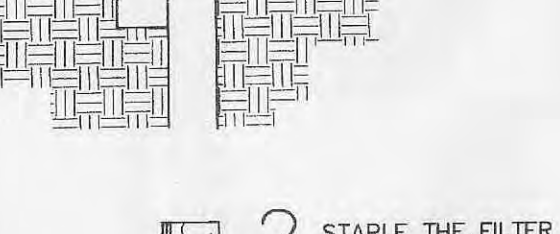
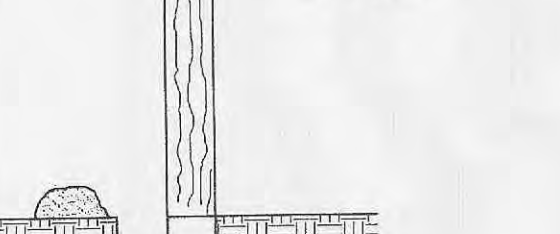
STABILIZED CONSTRUCTION ENTRANCE/WASHDOWN AREA

NOT TO SCALE

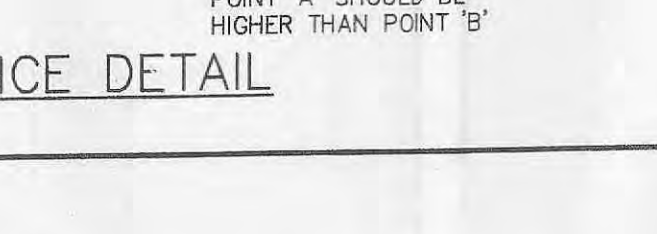
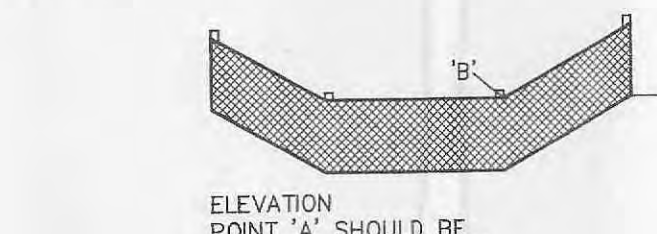
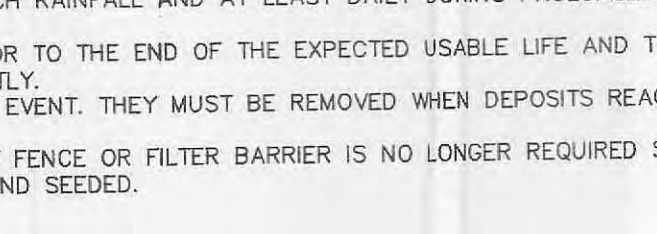
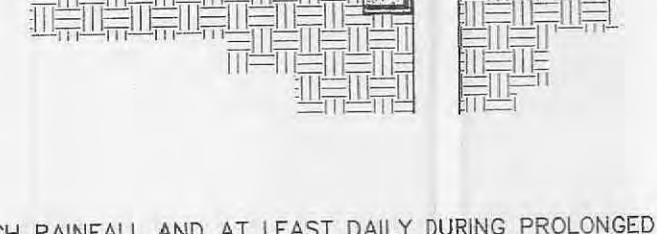
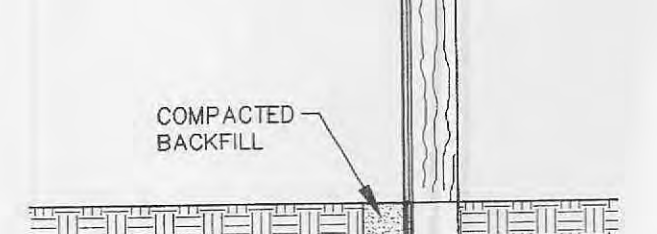
PLACEMENT AND CONSTRUCTION OF STRAW BAIL BARRIER

NOT TO SCALE

1. SET POSTS AND EXCAVATE A 4" X 4" TRENCH UPSLOPE AND ALONG THE LINE OF THE POSTS.



2. STAPLE THE FILTER FABRIC TO FENCING AND EXTEND IT INTO THE TRENCH.



3. BACKFILL THE TRENCH AND COMPACT THE EXCAVATED SOIL.

