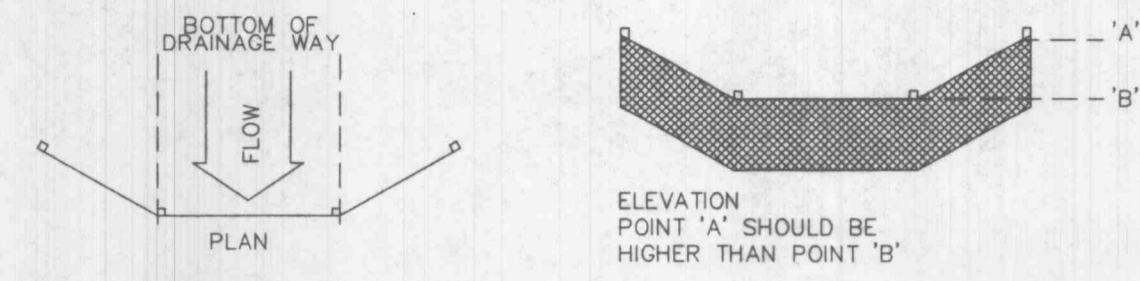
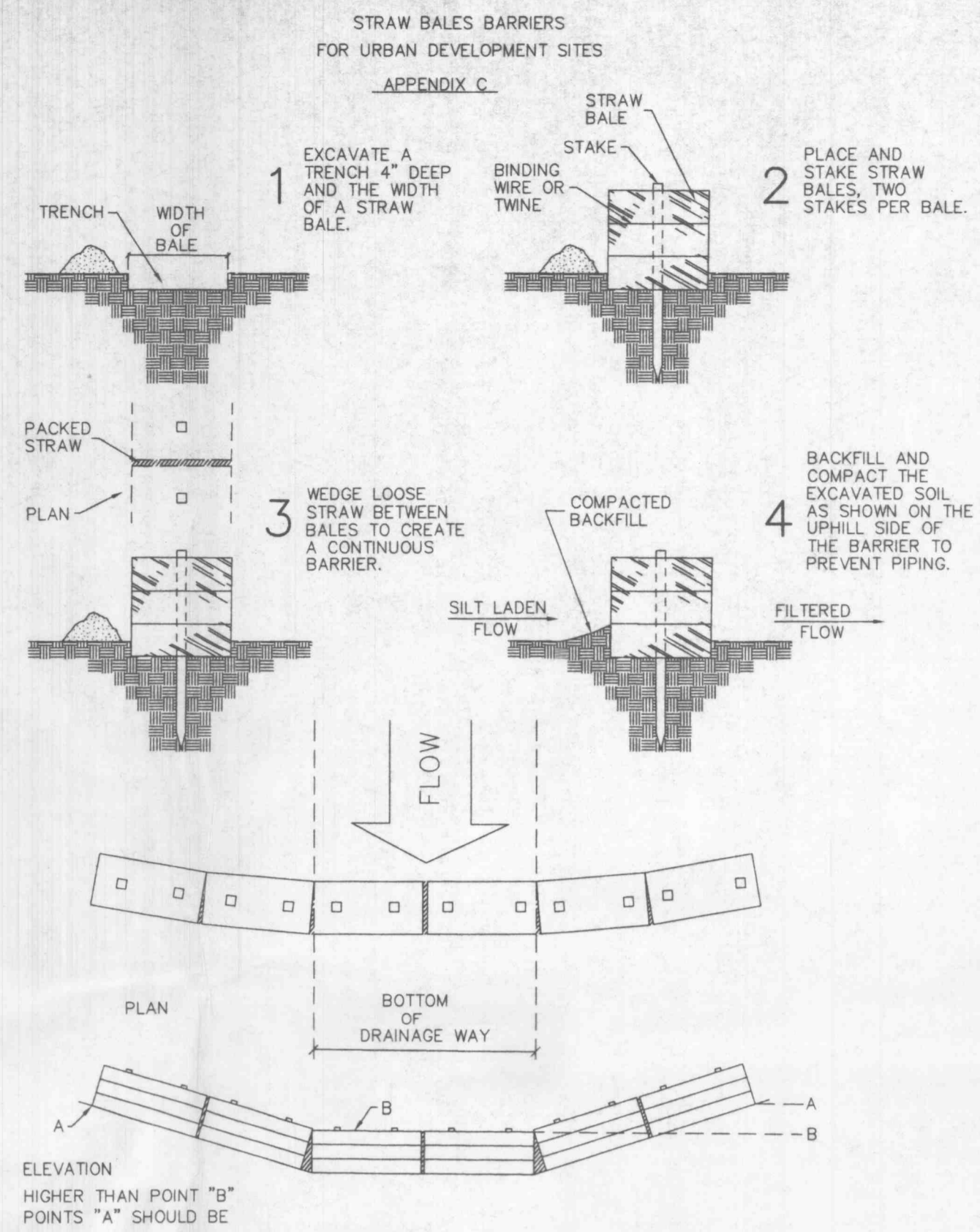


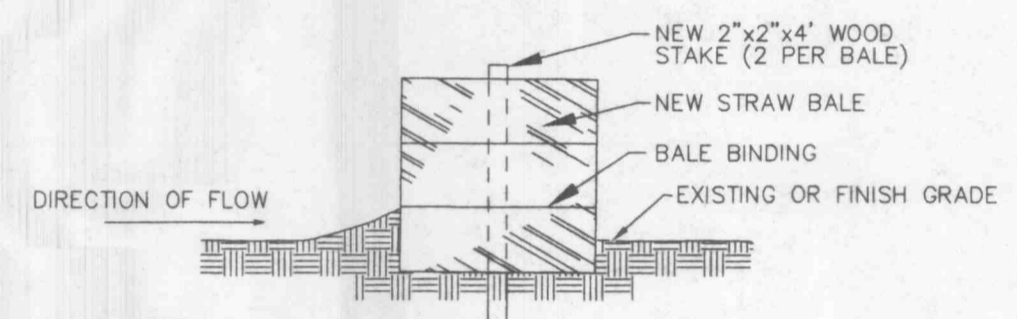
1. FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
2. SHOULD THE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE BARRIER.
4. 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**  
NOT TO SCALE

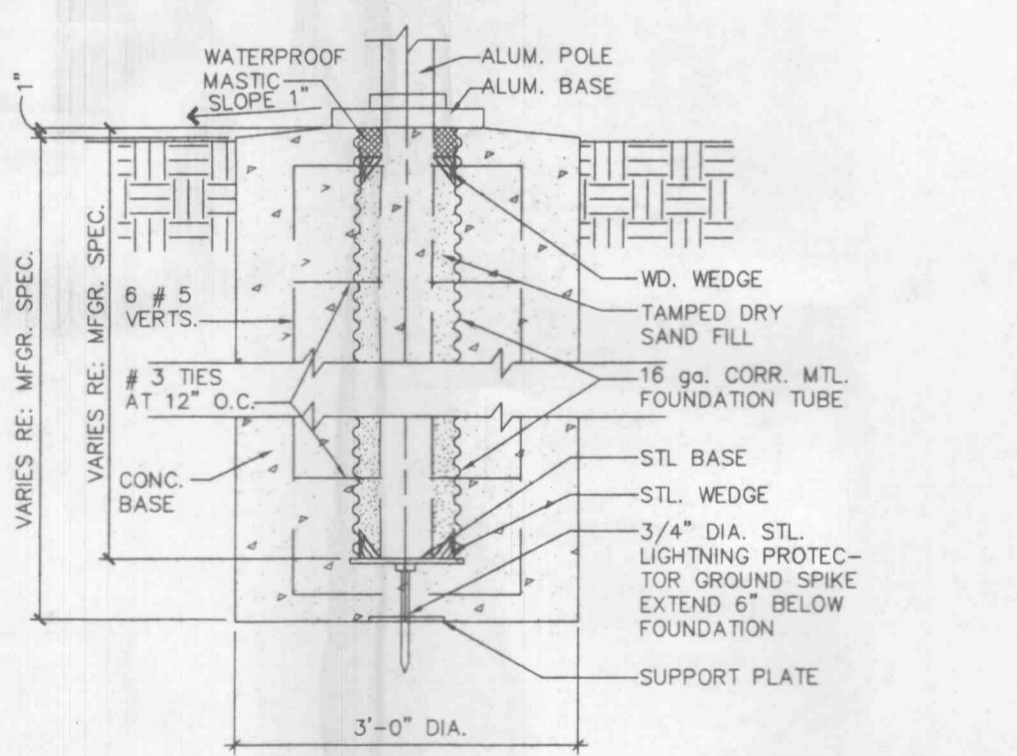


**APPENDIX C STRAW BALES BARRIERS FOR URBAN DEVELOPMENT SITES**

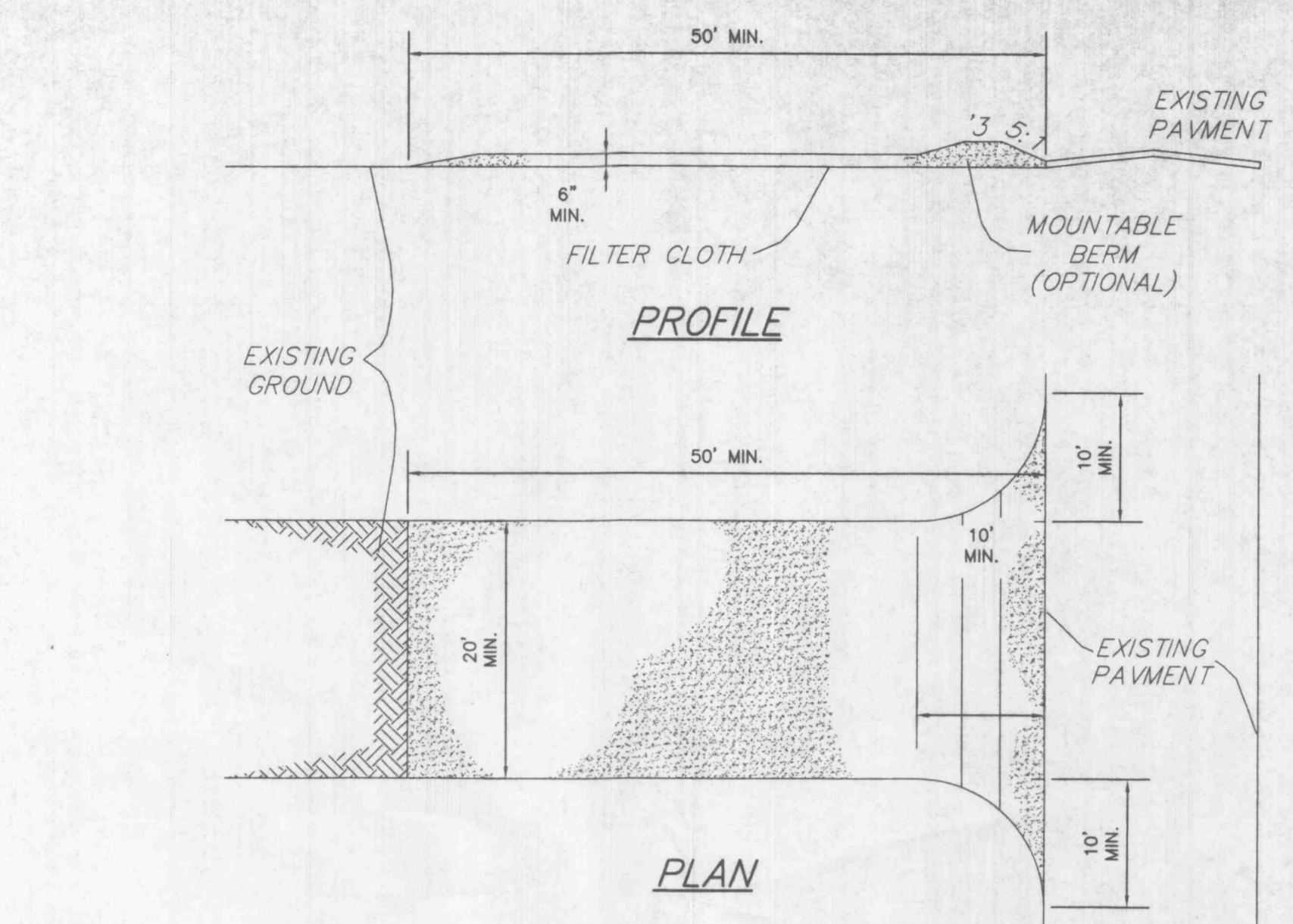


- NOTES:**
1. STRAW BALES, NOT HAY BALES SHALL BE USED.
  2. BUTT ENDS OF BALES TIGHTLY TOGETHER.
  3. INSTALL BALES WITH BINDING AROUND SIDES, NOT TOP AND BOTTOM.
  4. FILL ANY GAP BETWEEN BALES BY WEDGING LOOSE STRAW BETWEEN THEM.

**PLACEMENT AND CONSTRUCTION OF A STRAW BALE BARRIER**  
NOT TO SCALE

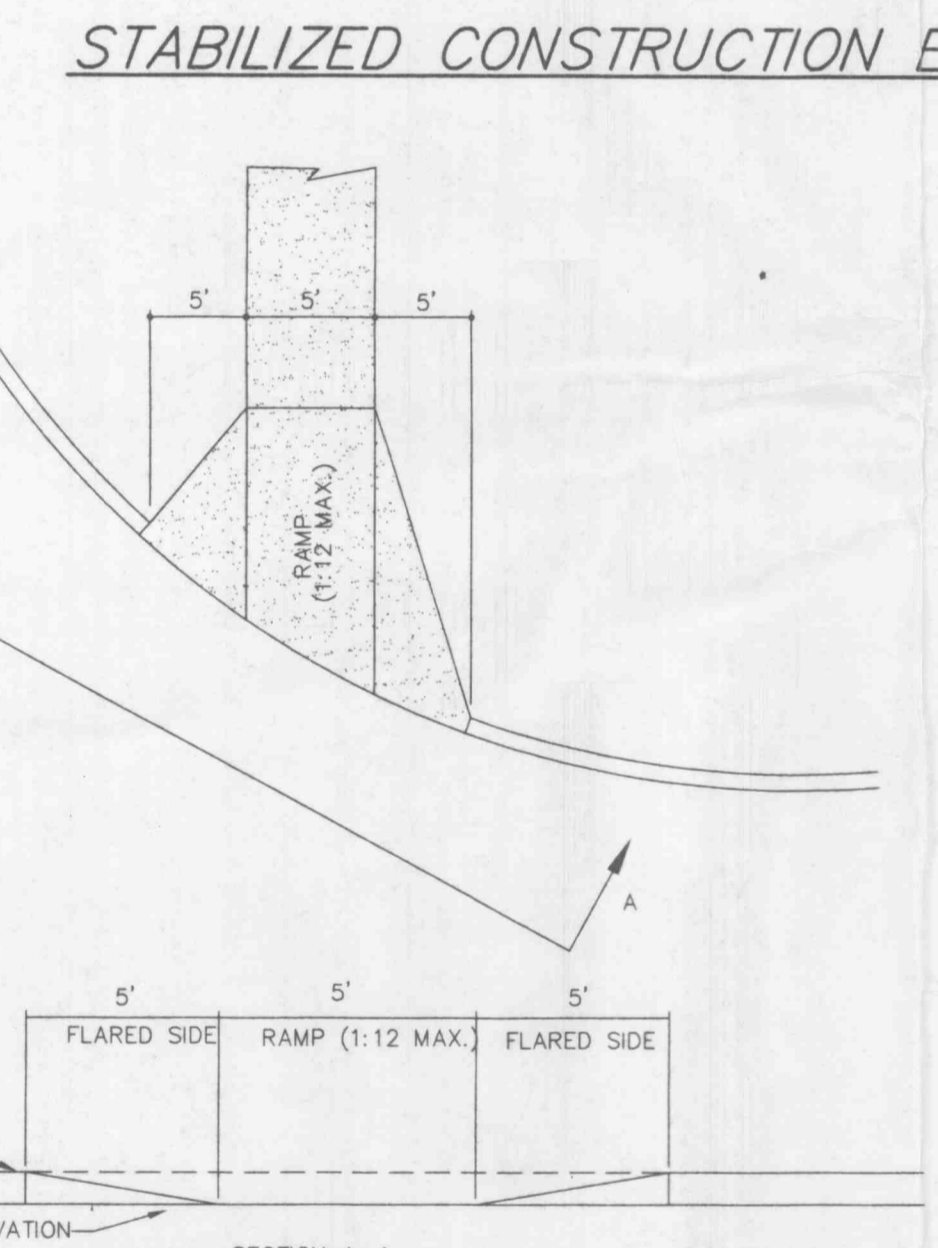


**SEDIMENT BARRIER**  
NOT TO SCALE

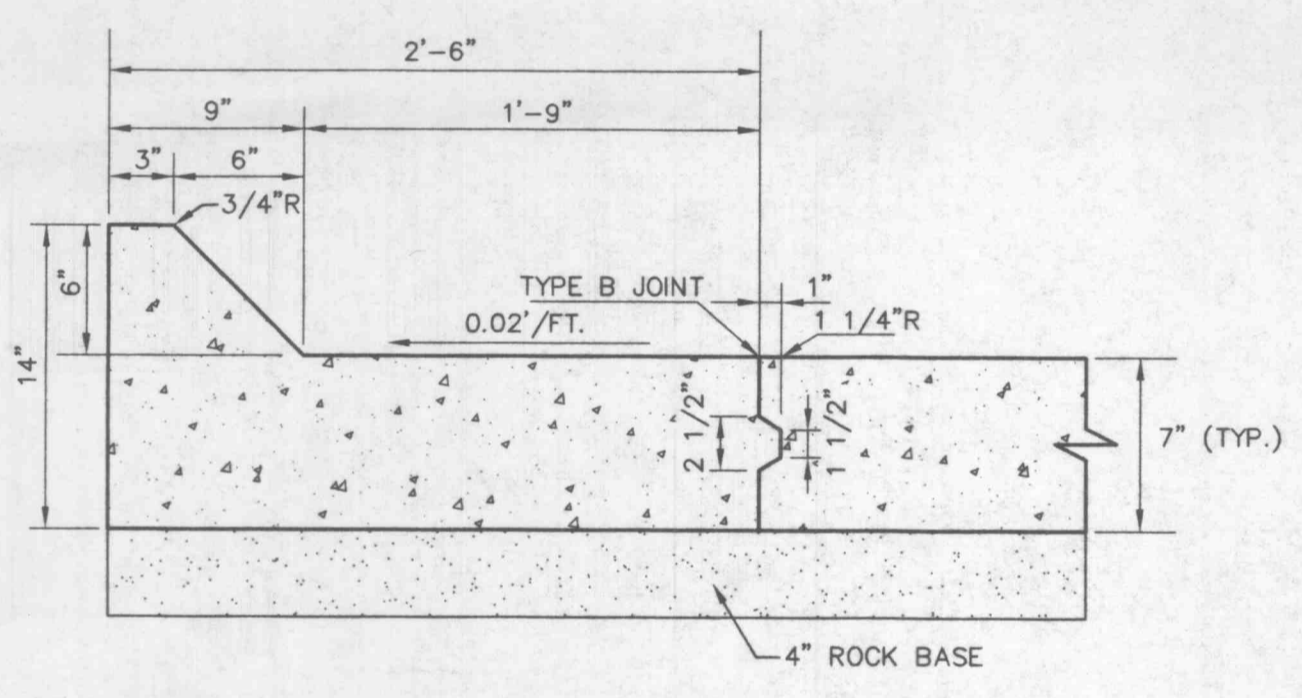


**STABILIZED CONSTRUCTION ENTRANCE/WASHDOWN AREA**  
NOT TO SCALE

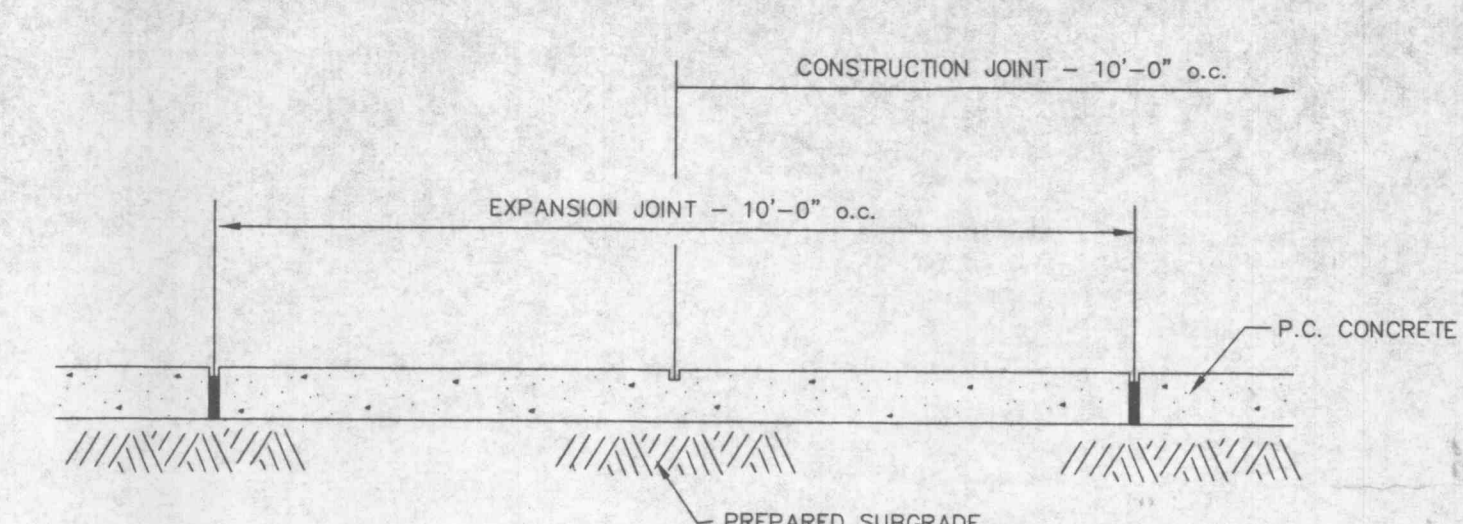
1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Twenty (20) foot minimum, but not less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



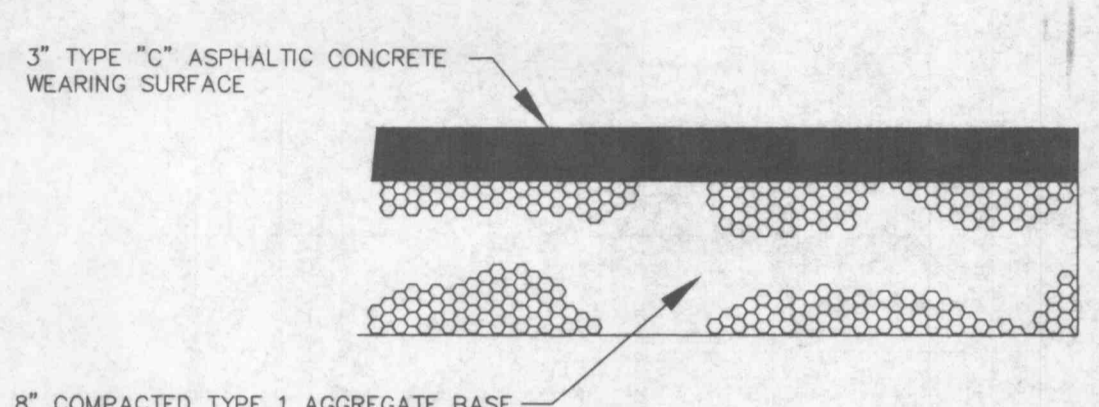
**HANDICAPPED RAMP DETAIL**  
NOT TO SCALE



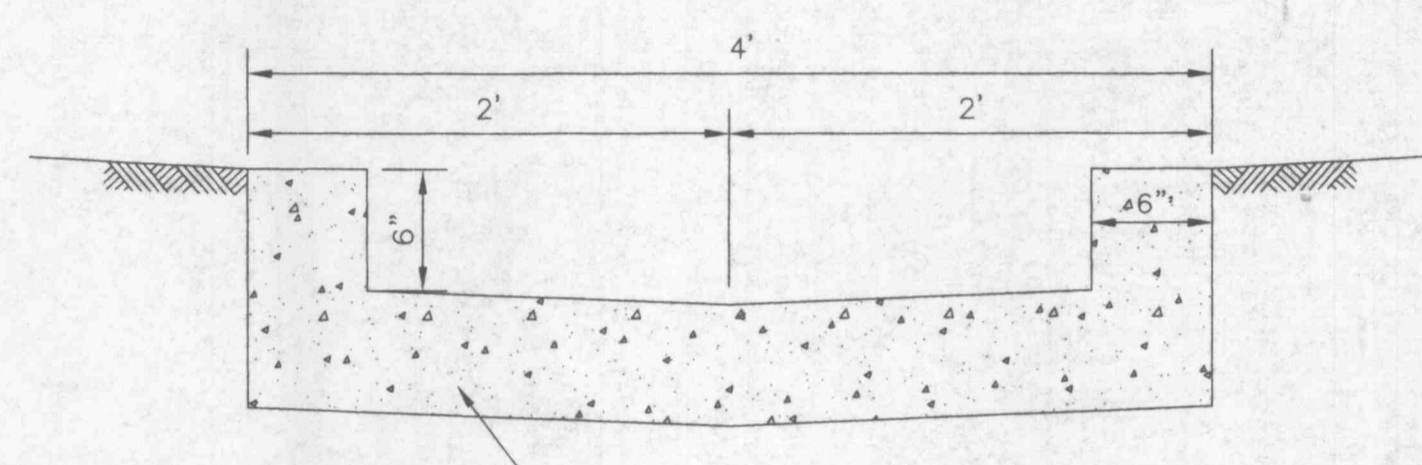
**TYPICAL CURB & GUTTER (MOUNTABLE)**  
NOT TO SCALE



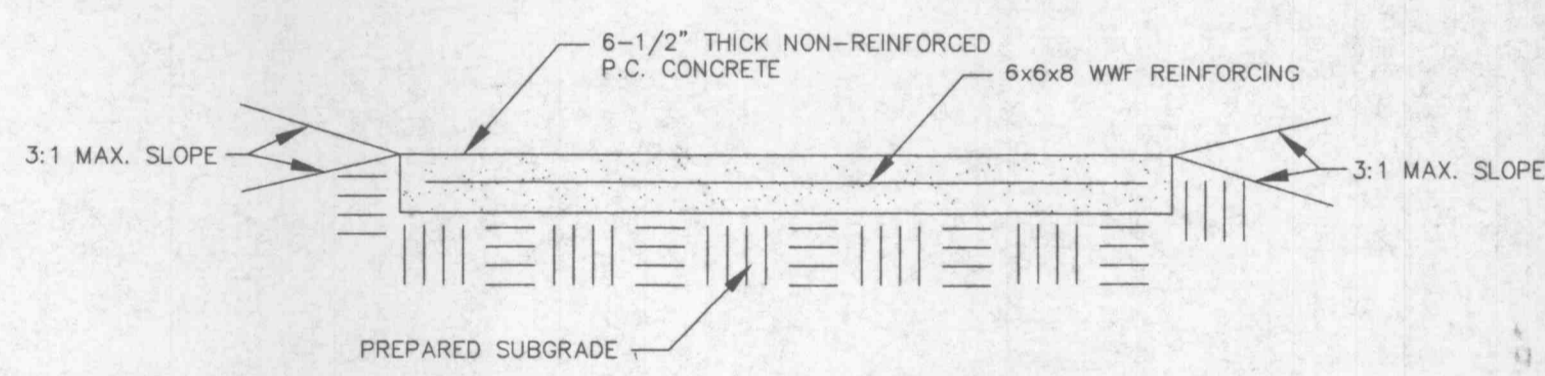
**CONCRETE SIDEWALK DETAIL**  
NOT TO SCALE



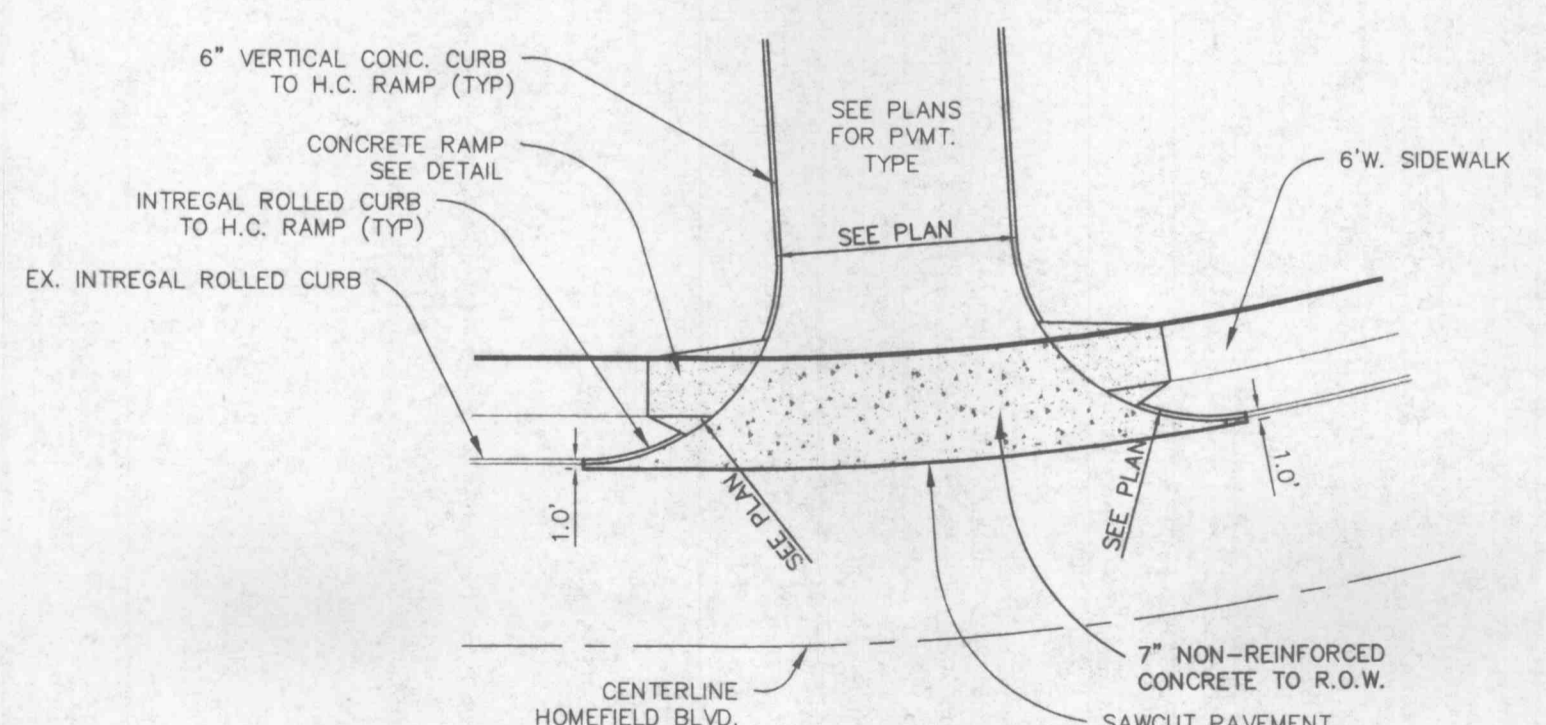
**ASPHALT PAVEMENT DETAIL**  
NOT TO SCALE



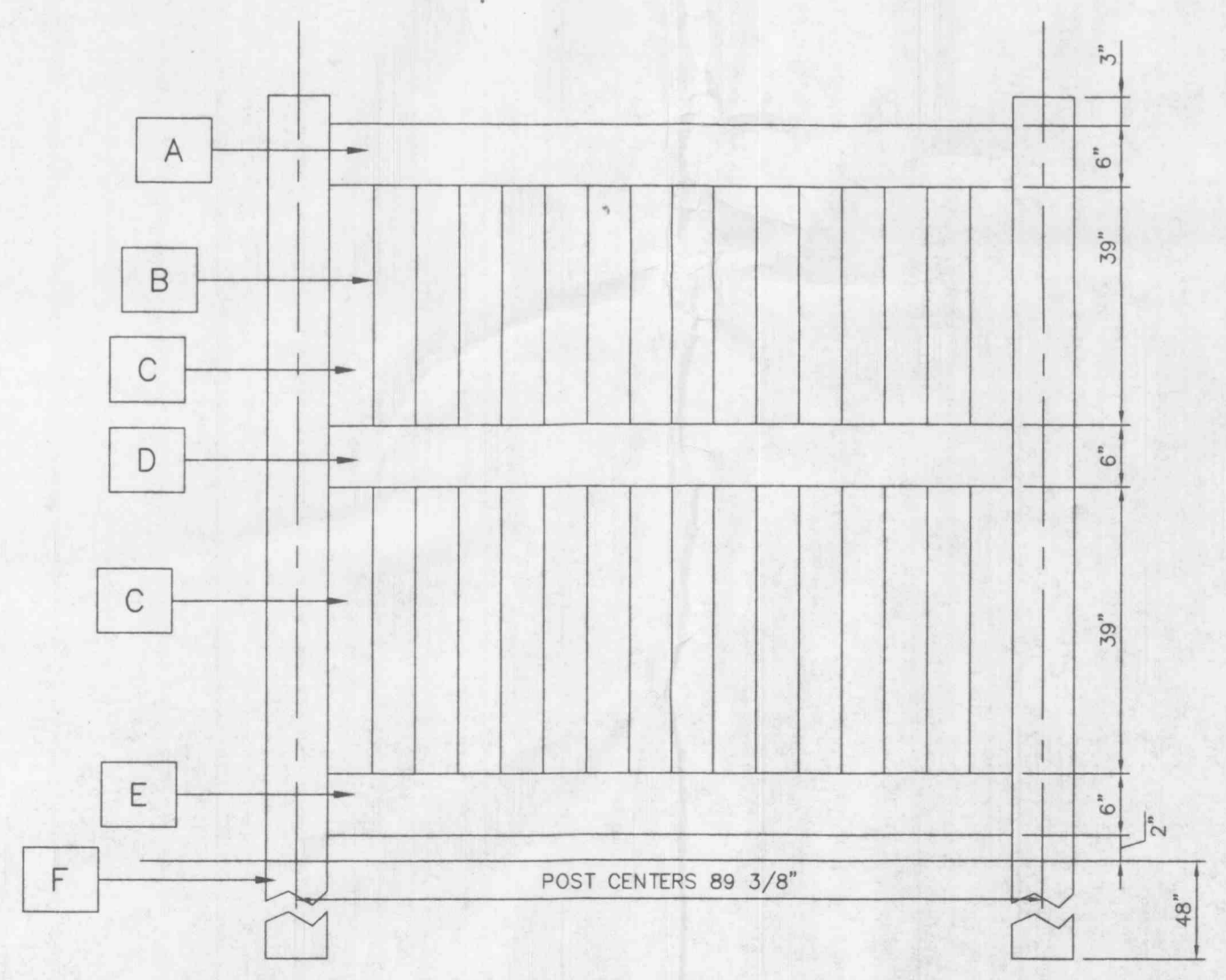
**CONCRETE SWALE**  
NOT TO SCALE



**CONCRETE PAVEMENT DETAIL**  
NOT TO SCALE



**TYPICAL ENTRANCE DETAIL**  
NOT TO SCALE



**8' HIGH WHITE VINYL PRIVACY FENCE**  
NOT TO SCALE

- A TOP RAIL 2" X 6" X 88" RIBBED CHANNELLED TO ACCEPT PICKETS INCLUDES REINFORCING CHANNEL
- B PICKET SPACING NONE
- C PICKETS 28 PIECES OF 7/8" X 6" X 42-1/2"
- D MIDDLE RAIL 2" X 6" X 88" RIBBED CHANNELLED TO ACCEPT PICKETS INCLUDES REINFORCING CHANNEL
- E BOTTOM RAIL 2" X 6" X 88" RIBBED CHANNELLED TO ACCEPT PICKETS INCLUDES REINFORCING CHANNEL
- F POST 6" X 6" X 144" FOR IN GROUND INSTALLATION 6" X 6" X 108" FOR ABOVE GROUND INSTALLATION

**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.

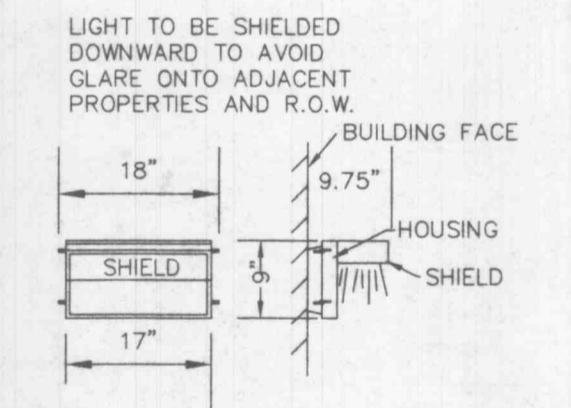
**TEMPORARY:**  
Wheat or Rye - 150 lbs./ac. (3.5 lbs. per sq. ft.)  
Oats - 120 lbs./ac. (2.75 lbs. per sq. ft.)

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

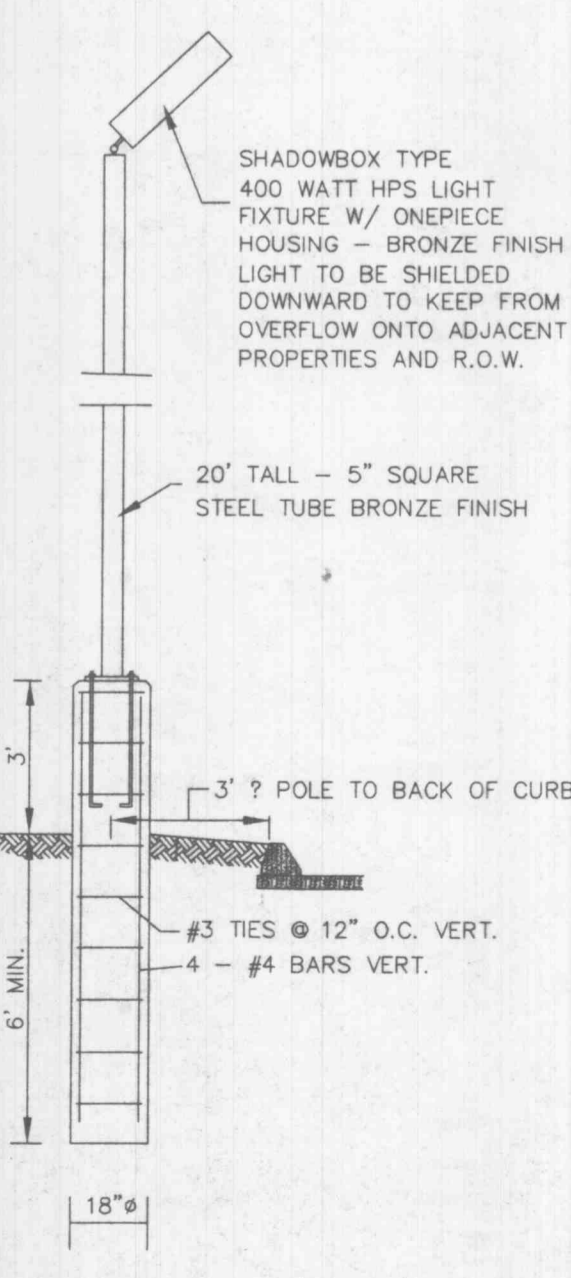
**MULCH RATES:**  
100 lbs. per 1000 sq. ft. (4,356 lbs. per ac.)

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

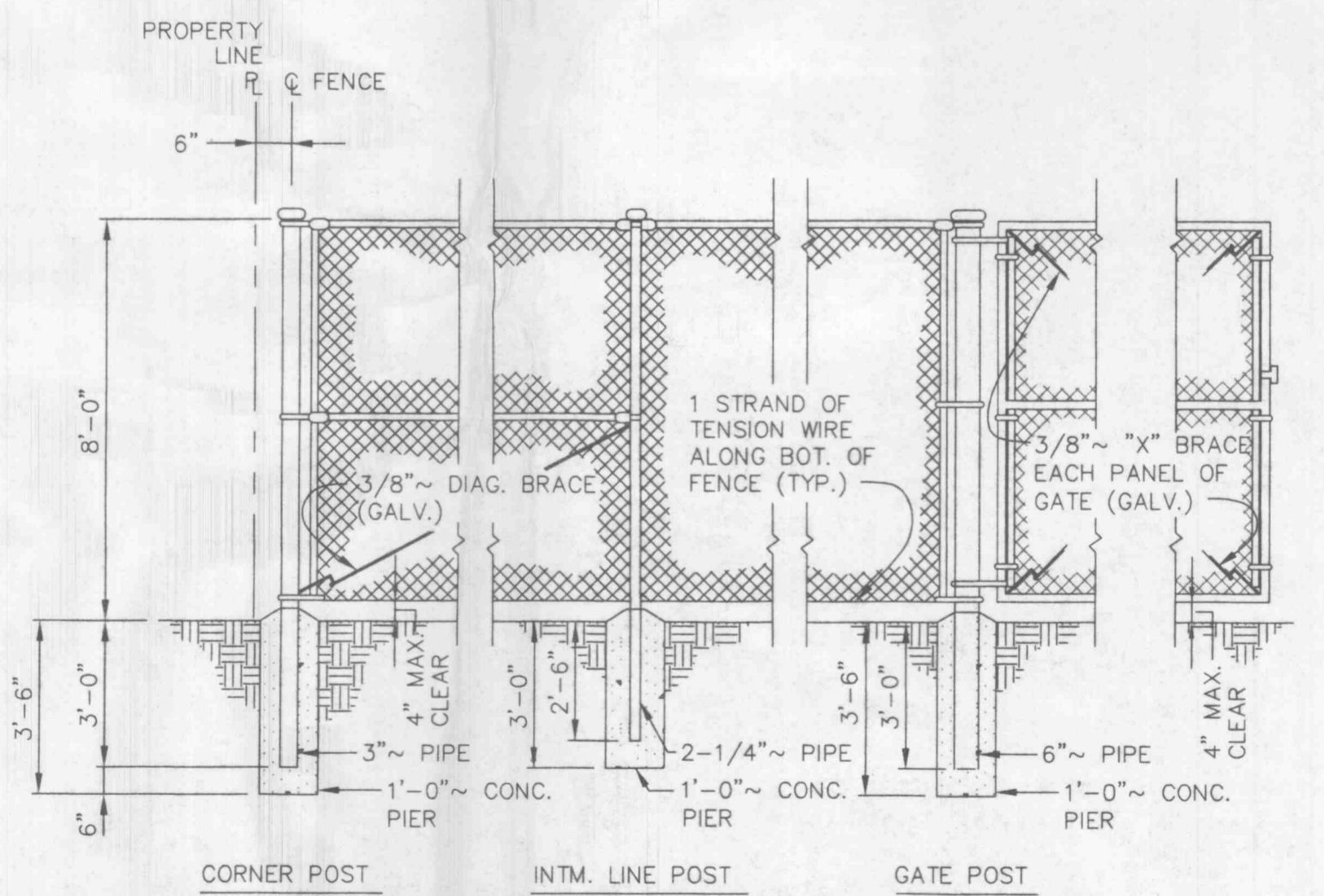
\* ENM = effective neutralizing material as per State evaluation of quarried rock.



**BUILDING MOUNTED LIGHT**  
NOT TO SCALE



**LIGHT POLE & BASE**  
NOT TO SCALE



**FENCE/GATE DETAIL**  
NOT TO SCALE

**DMA Design**  
A Division of The DMA Corporation  
architects engineers construction managers  
202 Transit St. Charles, Missouri 63301

**NEW ELEMENTARY SCHOOL FOR:  
FORT ZUMWALT SCHOOL DISTRICT**

ISSUED DATE REASON ISSUED

REV 1-28-00 PER CITY  
REV 1-5-00 PER CITY

Proj. No. Date: Plot: CONSTRUCTION DETAILS  
**C-6**

**ENGINEERING** 11-3-99 12-18-99  
**ENGINEERING PLANNING SURVEYING** DATE  
**PLANNING** 98-10001T PROJECT NUMBER  
1052 South Cloverleaf Drive St. Peters, MO. 63376-6445 (636) 928-5552 FAX 928-1718  
**SURVEYING** JLG CLH DRAWN CHECKED REVISIONS