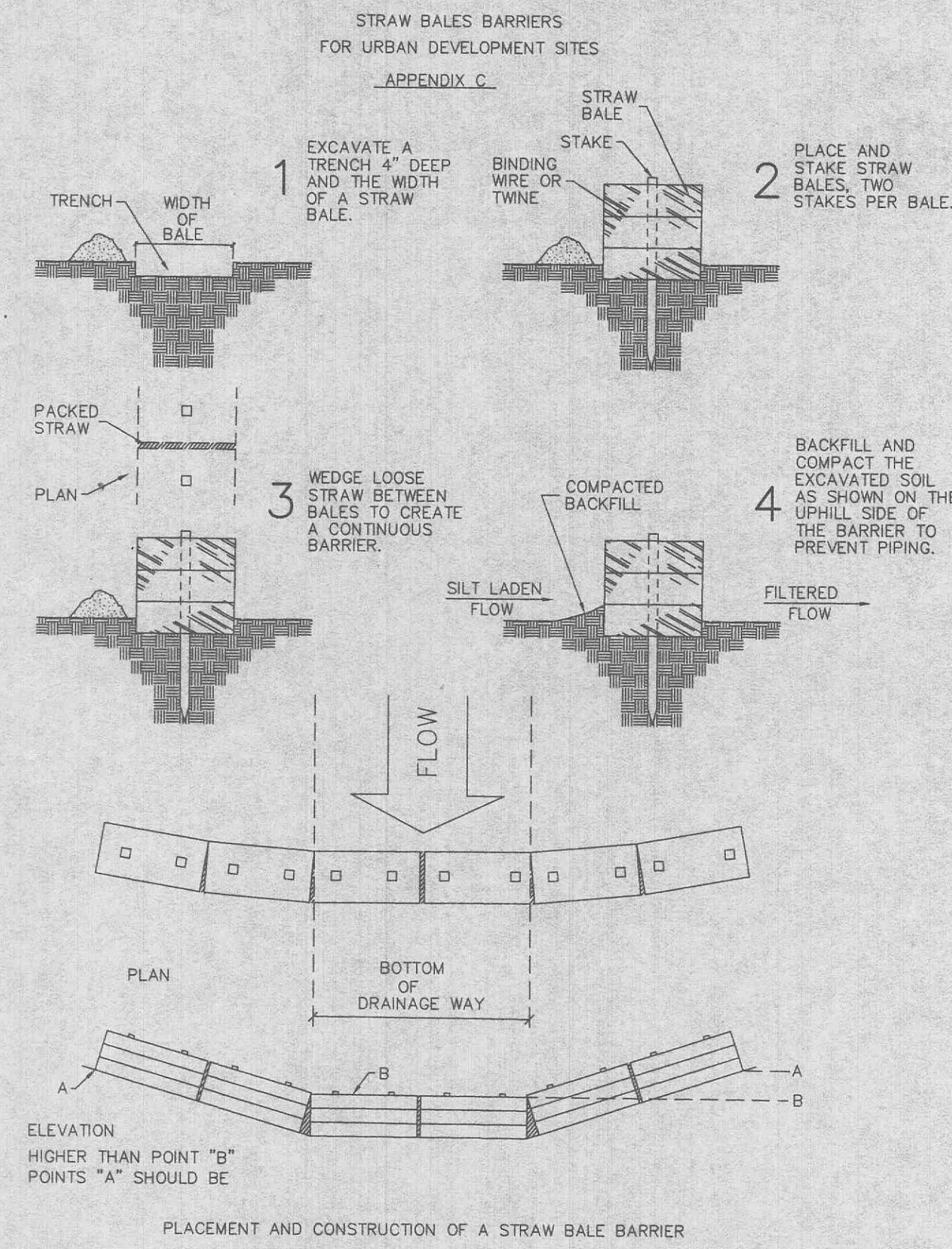
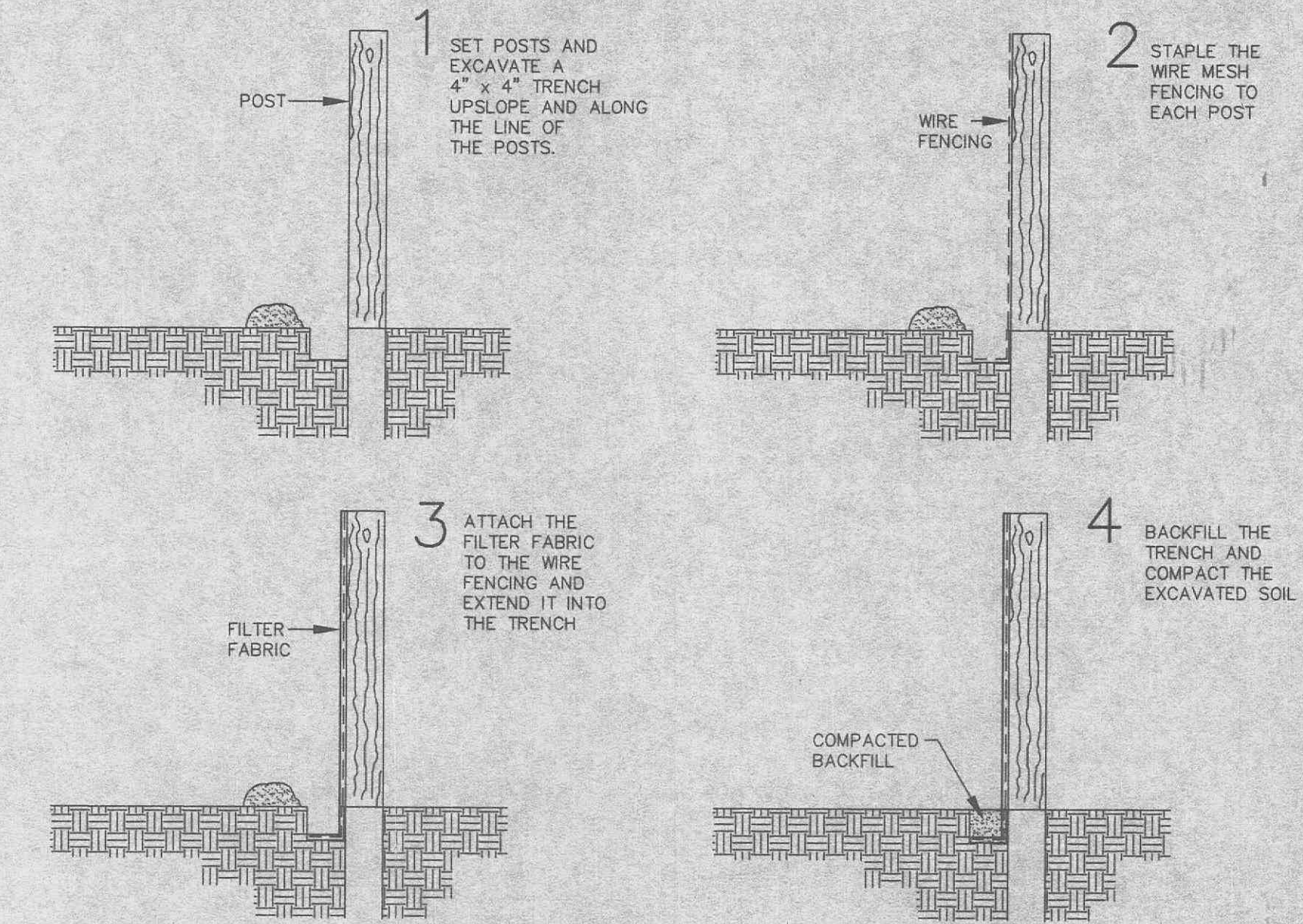


STORM SEWER PROFILES

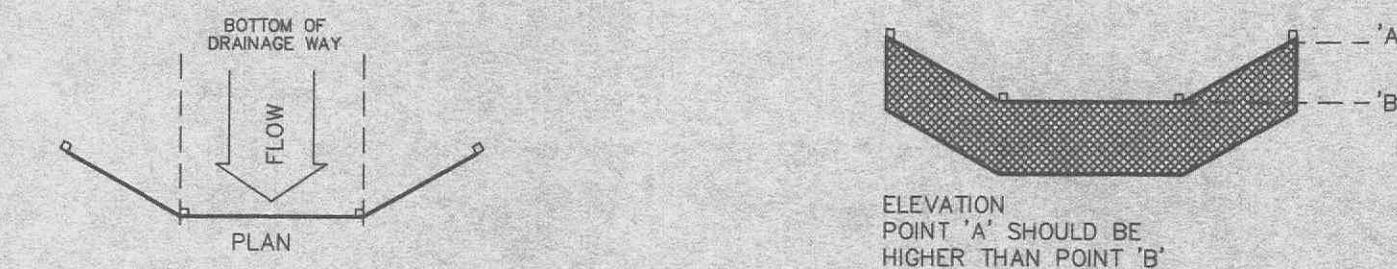
HORIZONTAL SCALE: 1" = 60'
VERTICAL SCALE: 1" = 10'



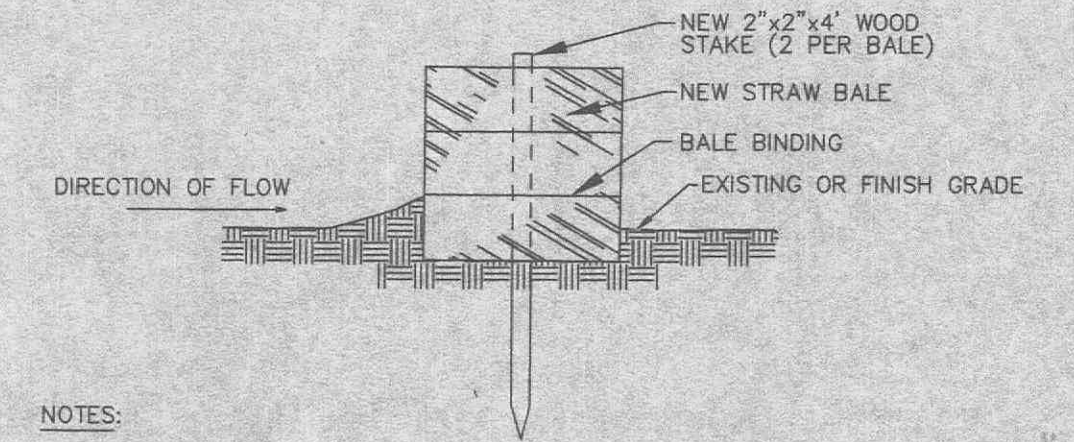
PLACEMENT AND CONSTRUCTION OF A STRAW BALE BARRIER



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 SEED.

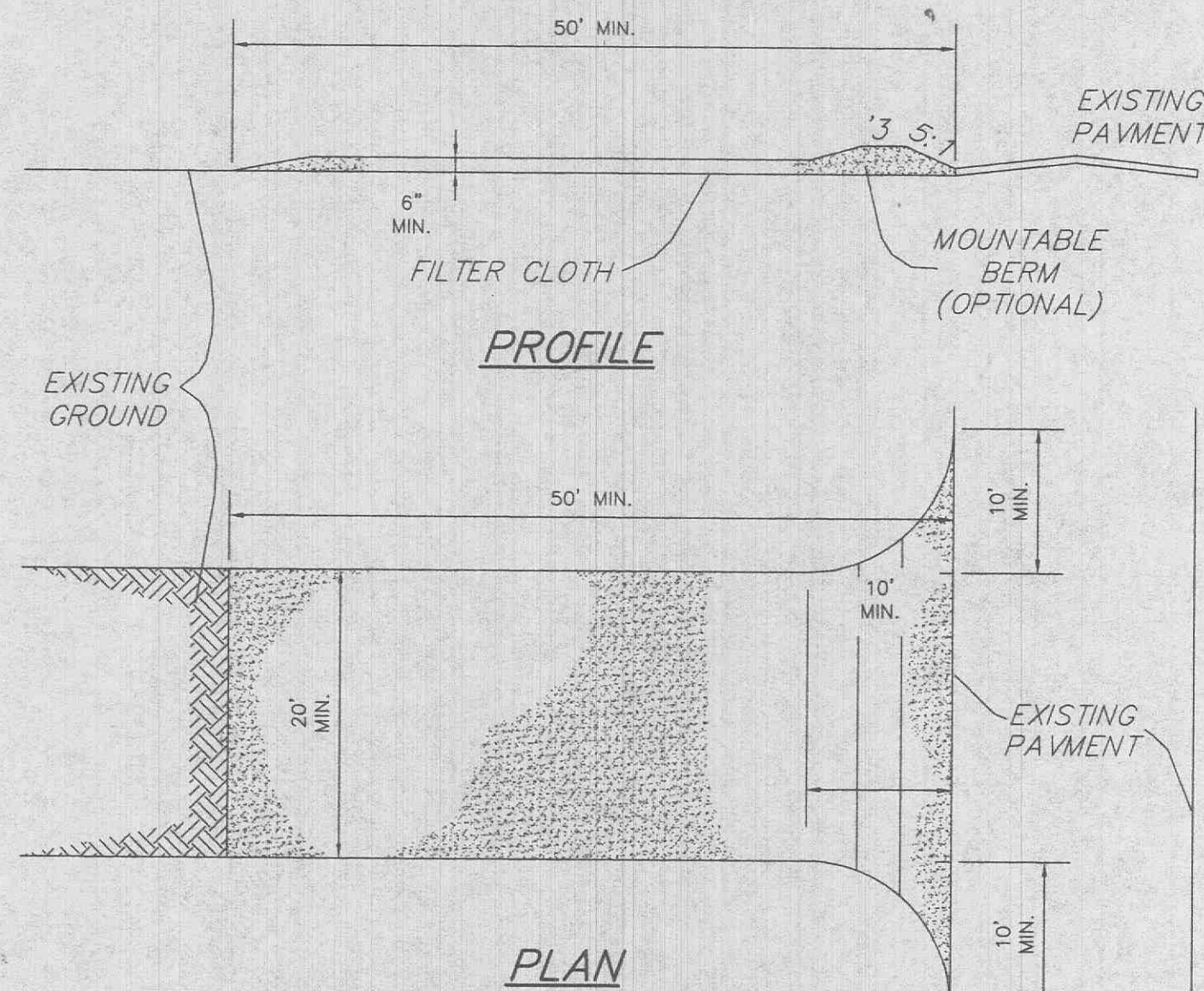


SILTATION FENCE DETAIL



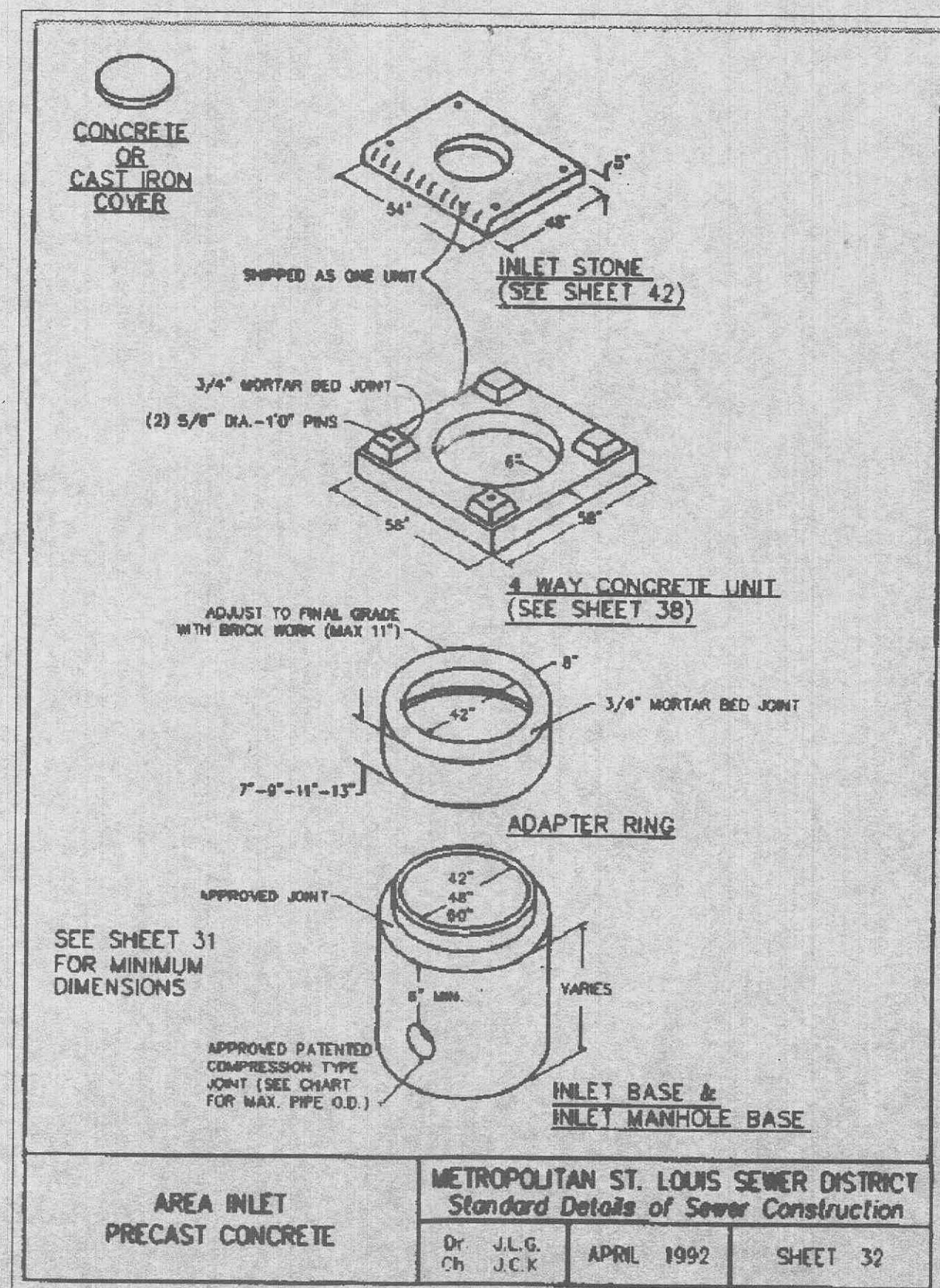
- NOTES:
1. STRAW BALES, NOT HAY BALES SHALL BE USED.
 2. BUTT ENDS OF BALES TIGHTLY TOGETHER.
 3. INSTALL BALES WITH BINDING AROUND SIDES, NOT TOP AND BOTTOM.
 4. FILL ANY GAP BETWEEN BALES BY WEDGING LOOSE STRAW BETWEEN THEM.

SEDIMENT BARRIER NOT TO SCALE

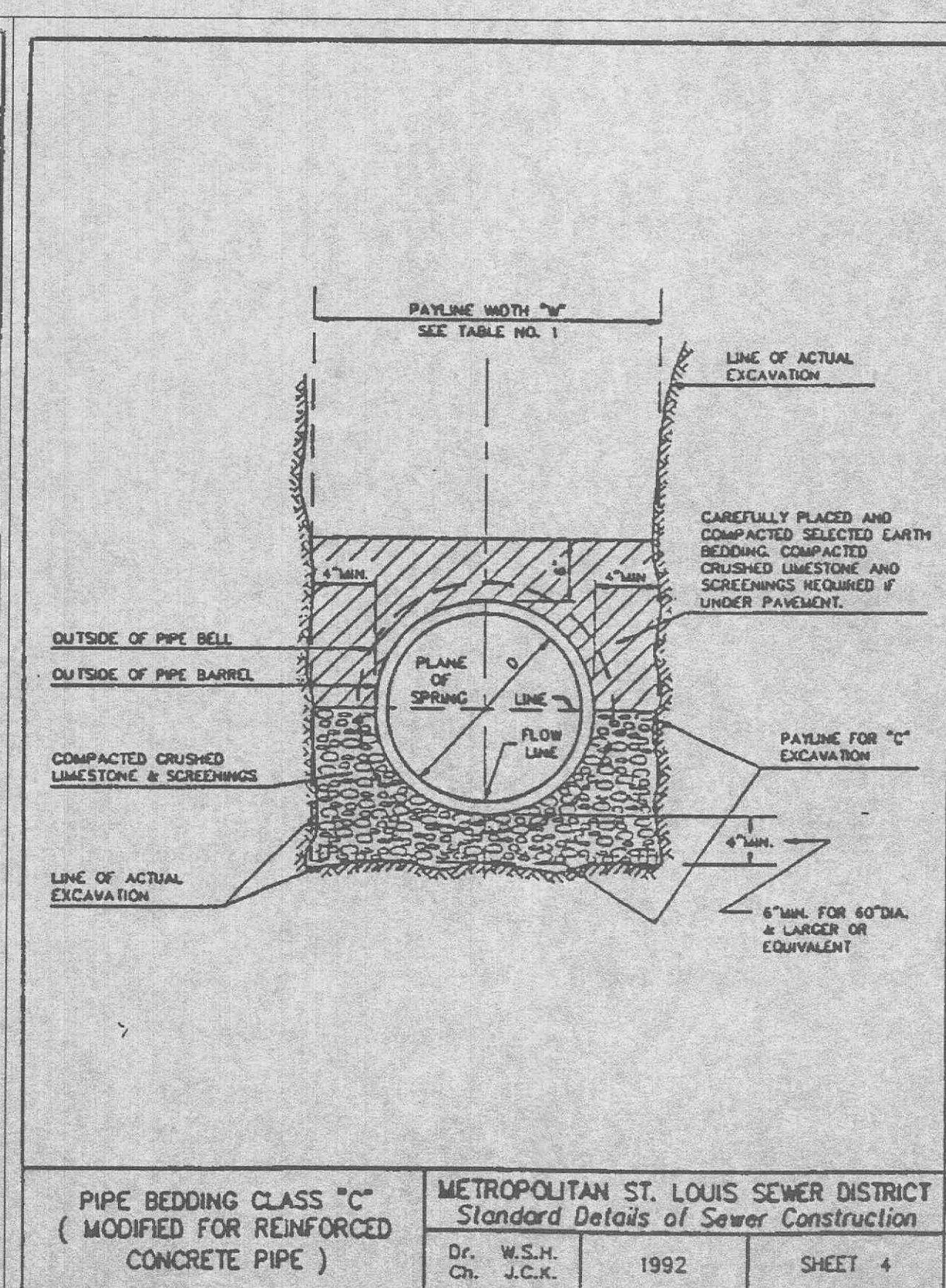


1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Twenty (20) foot minimum, but not less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

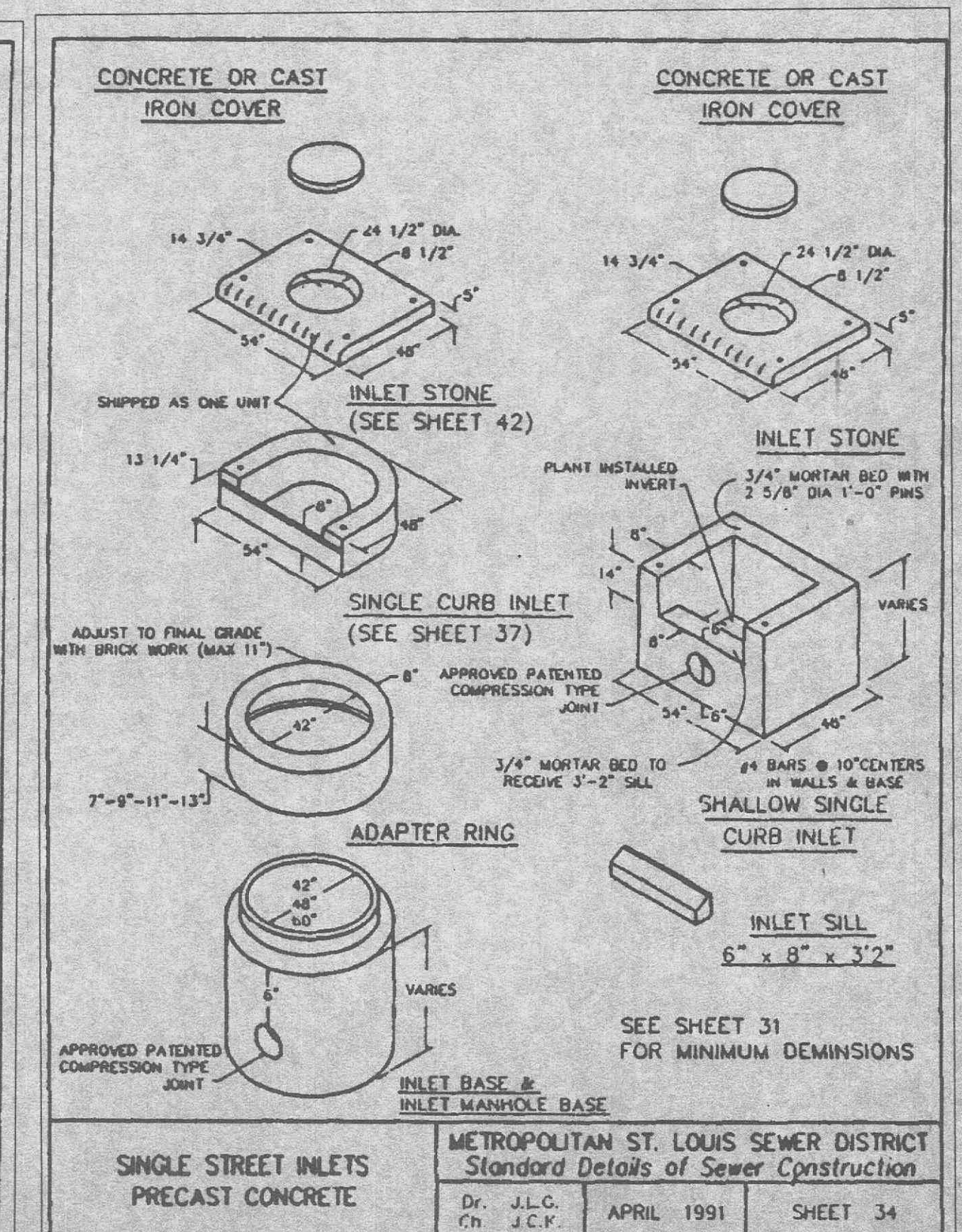
STABILIZED CONSTRUCTION ENTRANCE/WASHDOWN AREA
NOT TO SCALE



AREA INLET PRECAST CONCRETE METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction



PIPE BEDDING CLASS "C" (MODIFIED FOR REINFORCED CONCRETE PIPE) METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction



SINGLE STREET INLETS PRECAST CONCRETE METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction

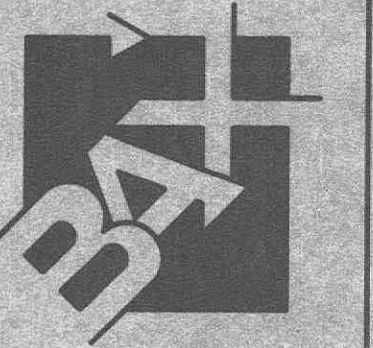
PREPARED FOR:
T.R. HUGHES
239 FOX HILL ROAD
ST. CHARLES, MO 63301
(314) 940-9300

DISCLAIMER OF RESPONSIBILITY
I hereby certify that the documents indicated to be authorized by me and are limited to the work shown on the drawings. I am not responsible for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.

Copyright 1999
The Engineering Company, Inc.
All Rights Reserved

REVISIONS

| | |
|---------|----------------|
| 9-15-99 | MISC REVISIONS |
| | |
| | |
| | |



ENGINEERING
PLANNING
SURVEYING
1062 South Cloverleaf Drive
St. Peters, MO. 63376-6445
314-928-5582
FAX 928-1718

8-27-99
DATE
97-92031
PROJECT NUMBER
6 OF 6
SHEET OF
92031CON.DWG
FILE NAME
SCL CLH
DRAWN CHECKED