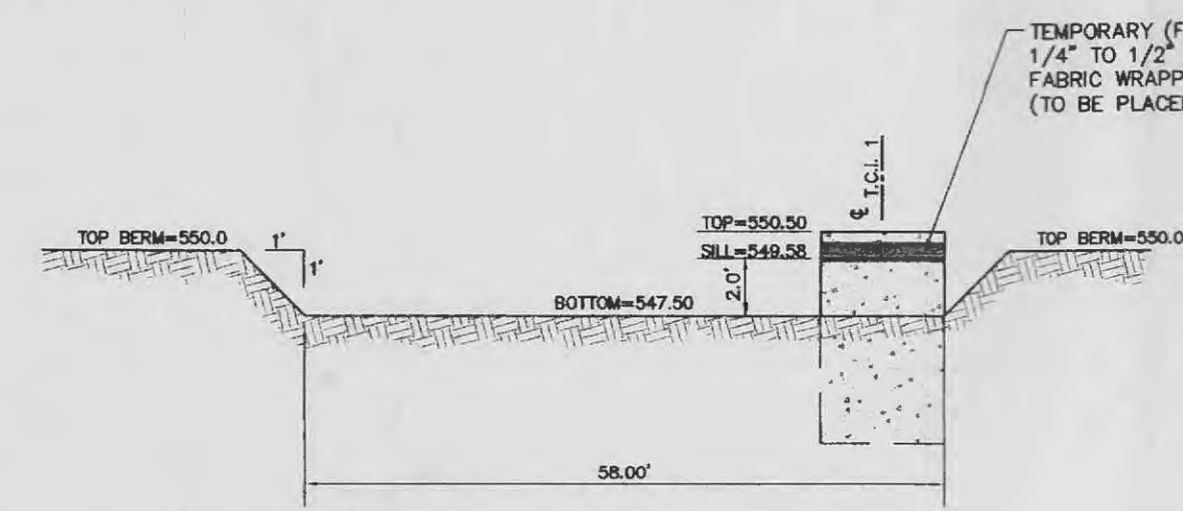
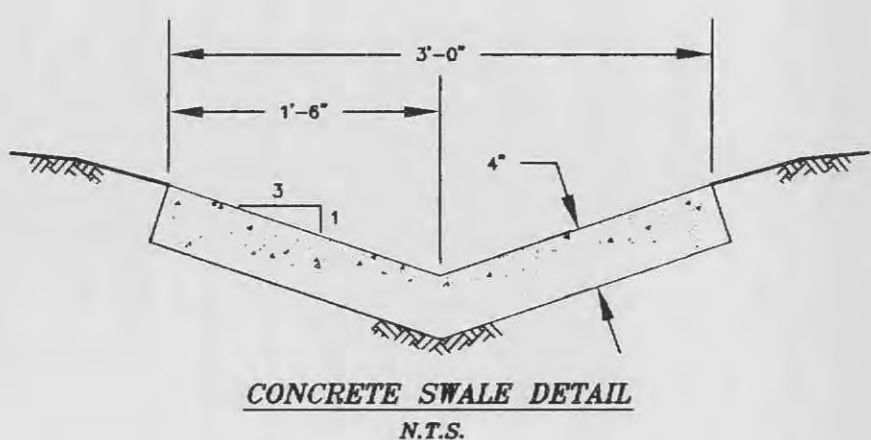
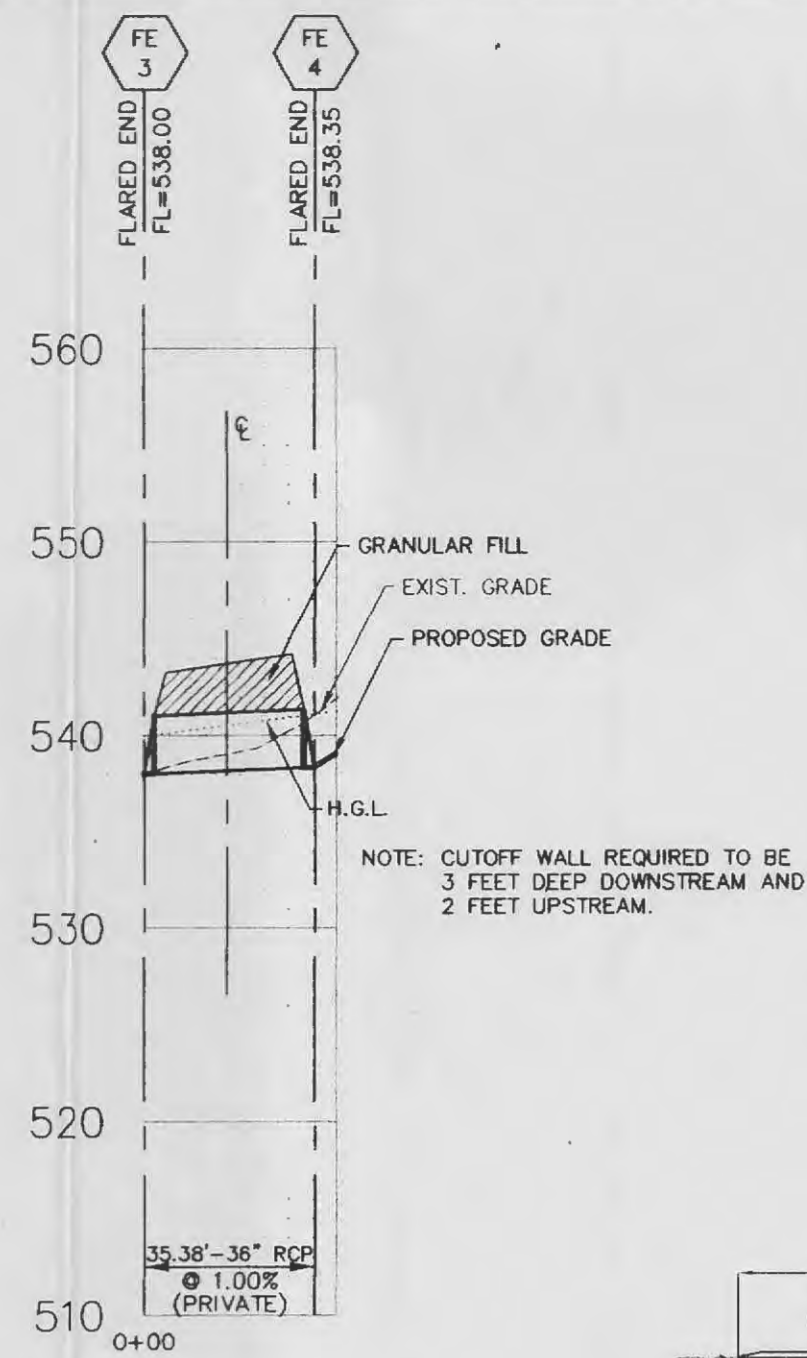
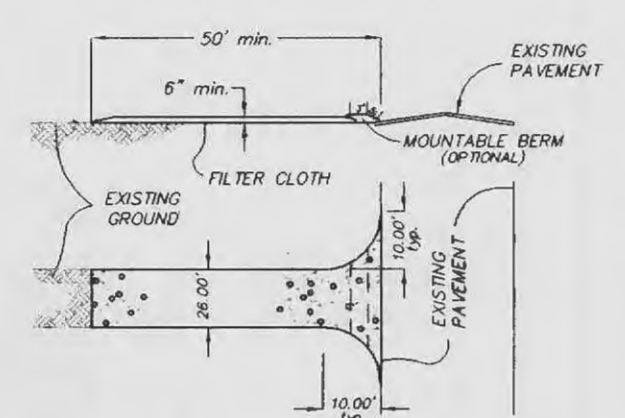


SCALE: 1" = 40' HORIZONTAL
1" = 10' VERTICAL



CROSS SECTION
STORM INLET SEDIMENT TRAP

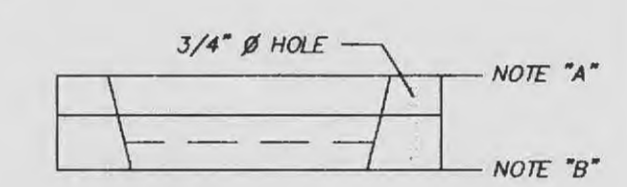
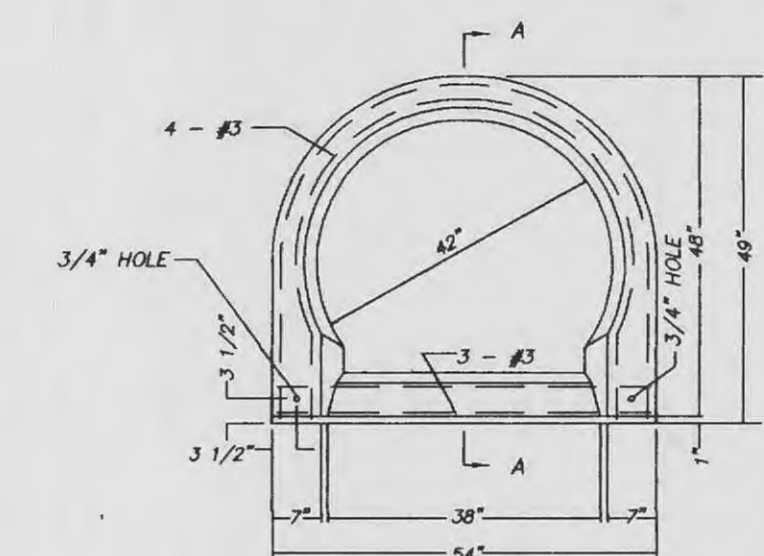
1. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
2. THE VOLUME OF SEDIMENT STORAGE SHALL BE 1800 CUBIC FEET PER ACRE OF CONTRIBUTORY DRAINAGE.
3. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
5. THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE CONSTRUCTED DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
6. ALL CUT SLOPES SHALL BE 1:1 OR FLATTER.



CONSTRUCTION SPECIFICATIONS

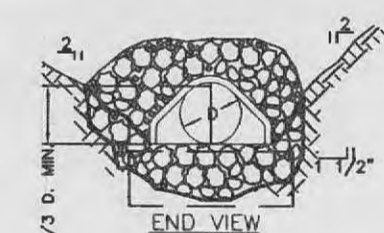
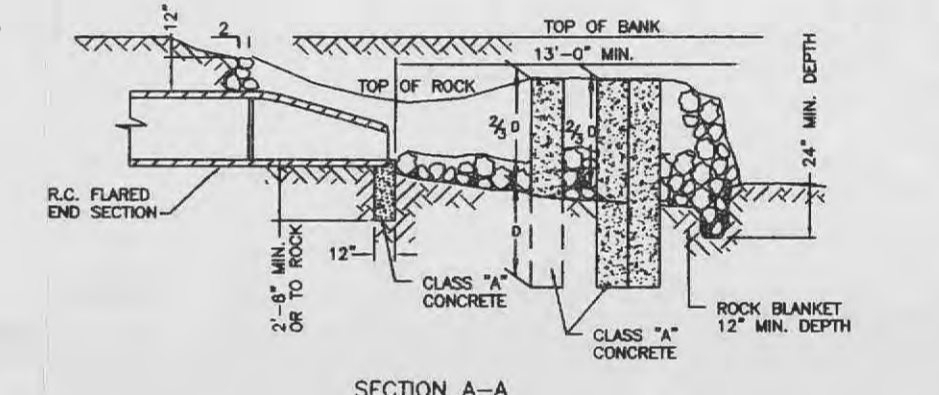
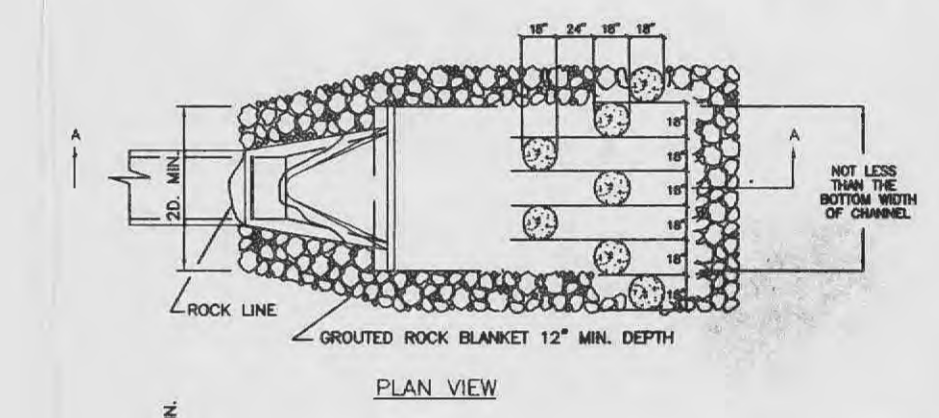
1. Stone Size: Use 2" stone or reclaimed or recycled concrete equivalent.
2. Length: As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness: Not less than six (6) inches.
4. Width: twenty six (26) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth: Will be placed over the entire area prior to placing of the 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 mounded berm with a 5:1 slope will be permitted.
7. Maintenance: The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto a public right-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 the public right-of-way must be removed immediately.
8. Washing: Wheels shall be cleaned to remove sediment prior to entrance onto the public right-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
N.T.S.

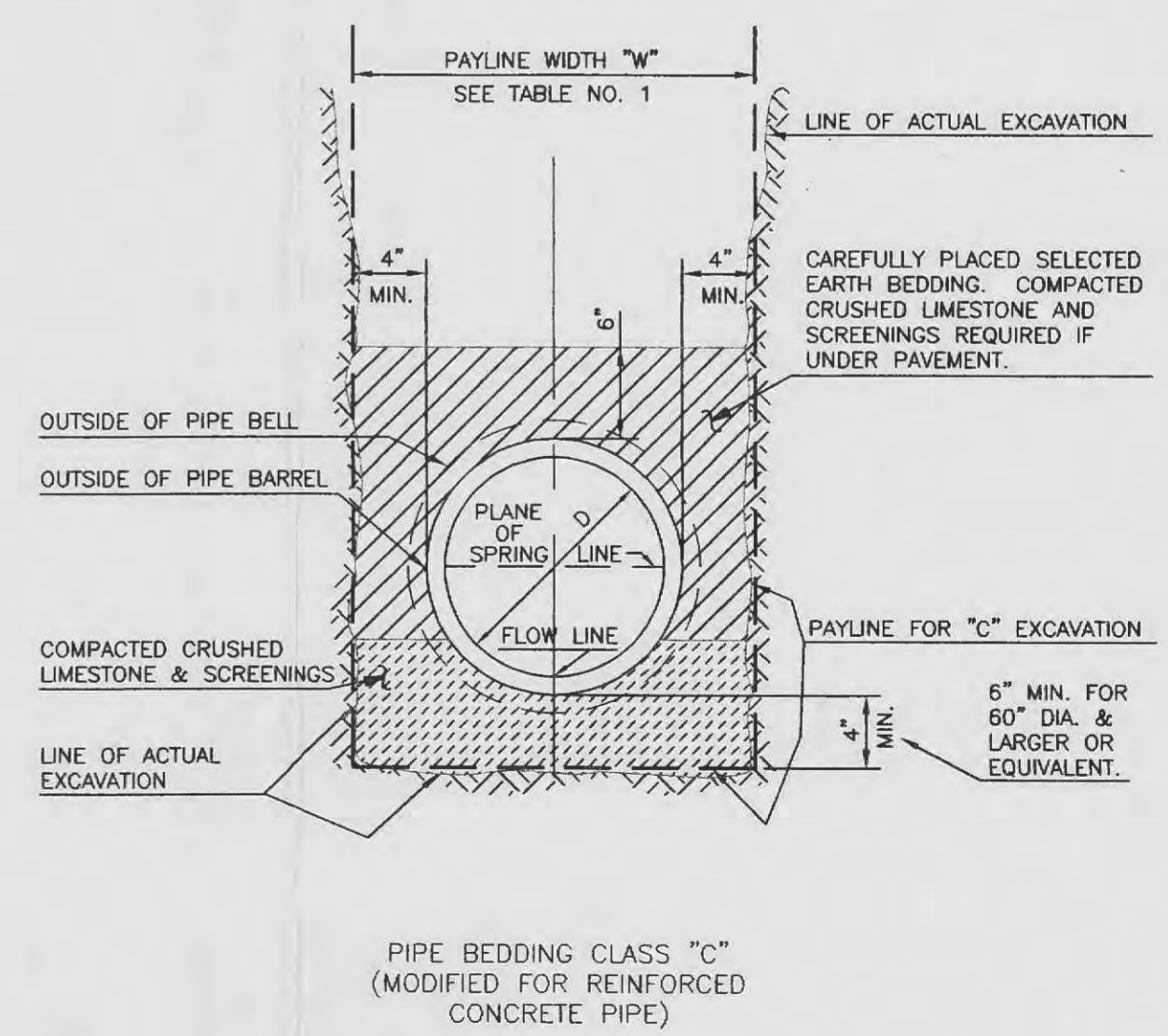
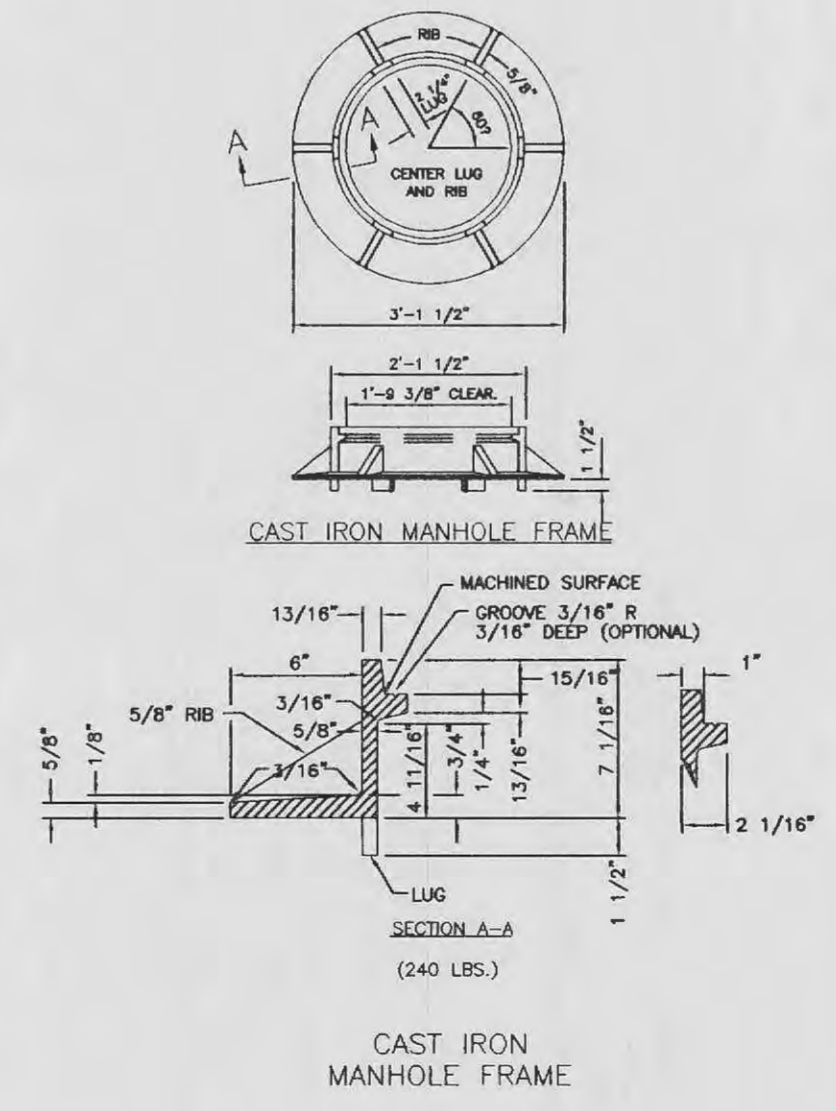
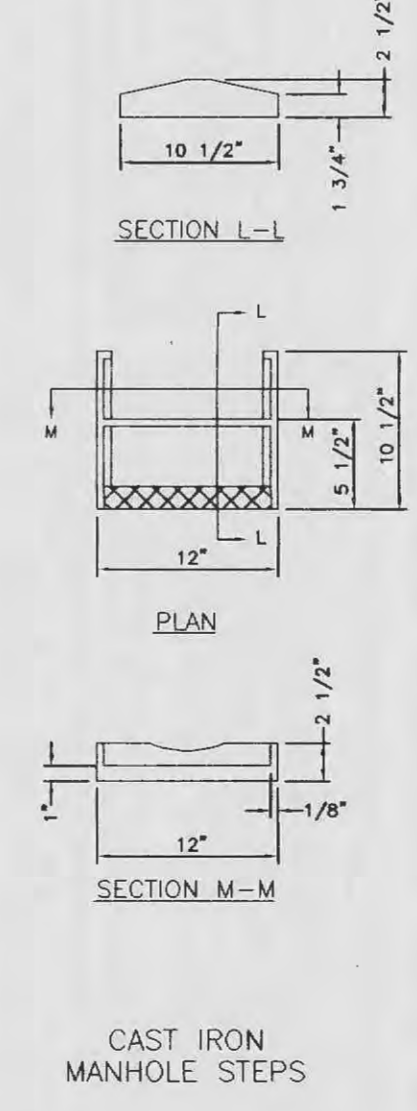
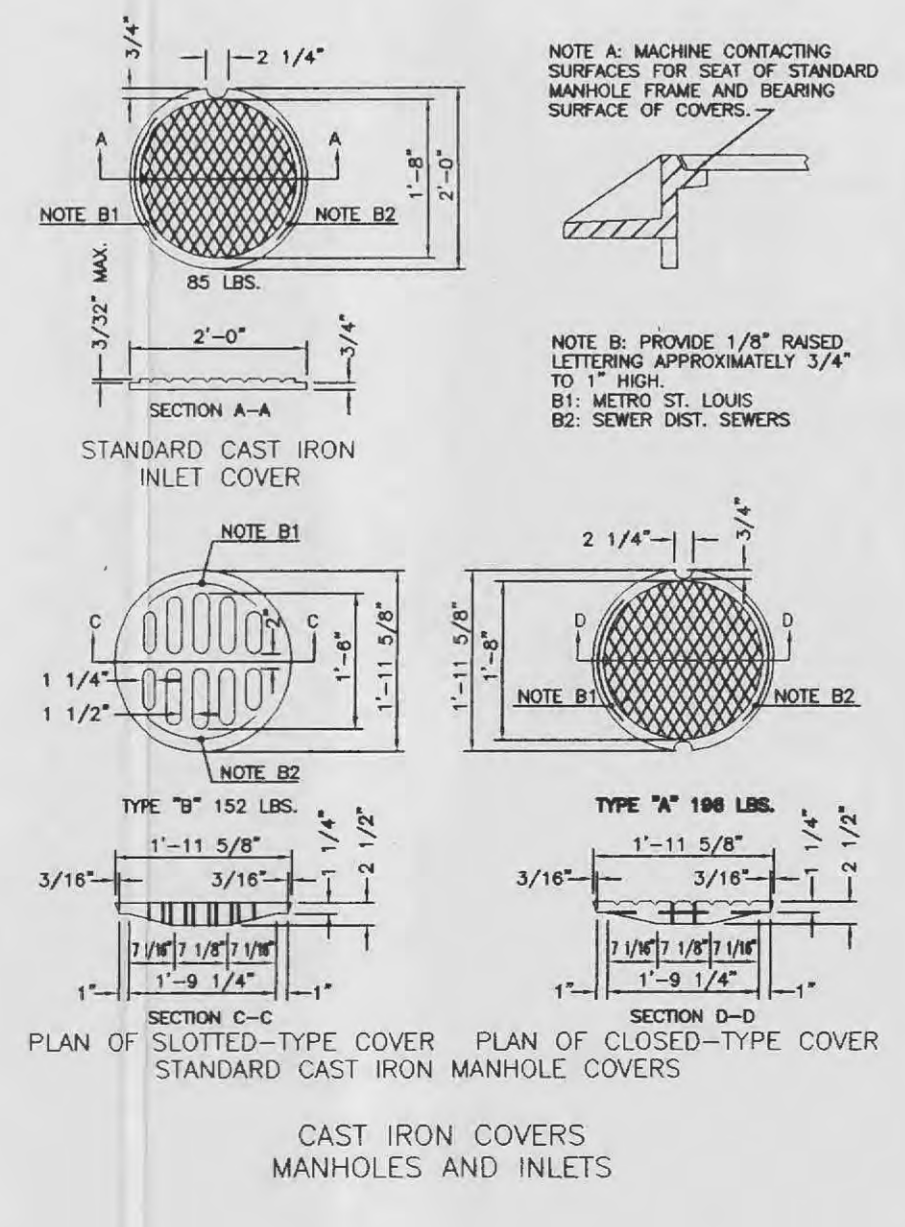
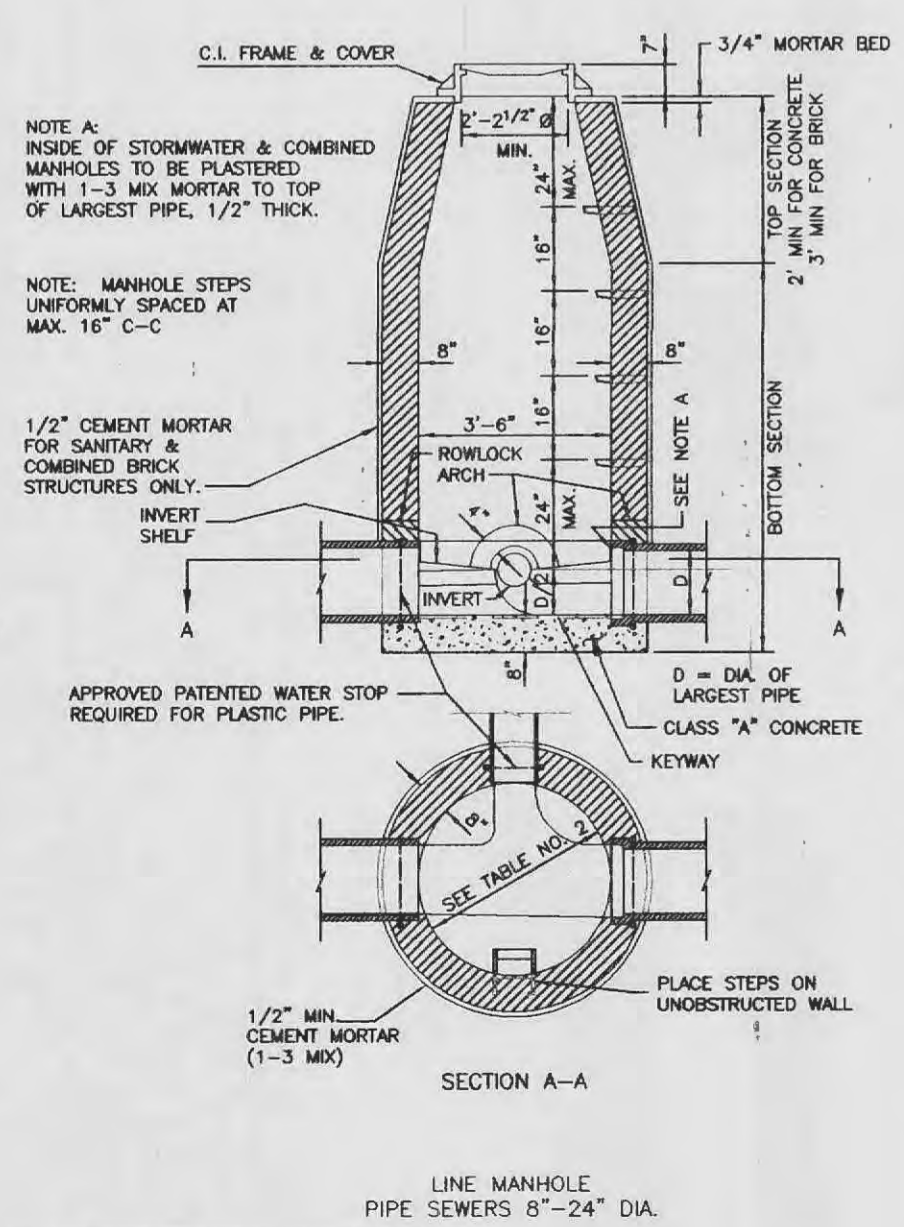


- NOTES
- A. SET STANDARD INLET STONE IN 3/4" MORTAR BED AND DOBEL WITH 5/8" o 1'-0" PINS AND GROUT.
 - B. RAISE TO FINAL GRADE WITH COURSES OF BRICK AND 3/4" MORTAR BED.
 - C. THIS UNIT TO BE USED WITH 42" L.D., POURED IN PLACE CONCRETE OR BRICK BASE.
 - D. 4000 P.S.I. CONCRETE REQUIRED.

PRE-CAST CONCRETE UNIT FOR
SINGLE CURB INLET



FLARED END SECTION



NOTE
Underground utilities and structures have been plotted from available information and therefore, their location must be considered approximate only. It is the responsibility of the individual contractors to notify the utility companies before actual construction.

PICKETT RAY & SILVER
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PLANNERS
LAND SURVEYORS
333 Mid Rivers Mill Drive
St. Peters, MO 65376
Phone (636) 397-1211
Fax (636) 397-1104

DRI-PORT MARINE
GRADING PLAN DETAILS SHEET
OF FALLON, MISSOURI
Prepared For:
MR. GREG MAZE
1500 S. OUTER ROAD
EUREKA, MO 63025
(636) 938-4970

REVISIONS	DATE	REVISION PER CITY'S COMMENTS
1	6.24.02	

ENGINEERS AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.
PICKETT, RAY & SILVER, INC.
HAROLD J. BRYANT
REGISTERED PROFESSIONAL ENGINEER
NO. 17751

DRAWN	J.M.W.	DATE	02.25.02
CHECKED	D.W.B.	DATE	02.25.02
PROJECT #	00214.DRPO.02C		
TASK #	1	FIELD BOOK	

DRI-PORT MARINE
GRADING PLAN DETAILS SHEET
SHEET 2 OF 2
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NOT APPROVED FOR CONSTRUCTION