

- MAXIMUM DRIVEWAYS
- MINIMUM SWALES
- EMERGENCY OVERFLOWS

LEGEND

- Existing Contours
- Proposed contours
- Grading limits
- Silt fence
- Soil Boring
- House Pad
- Finish Grade at Rear Building Type
- Finish Grade at Garage
- Proposed storm sewer

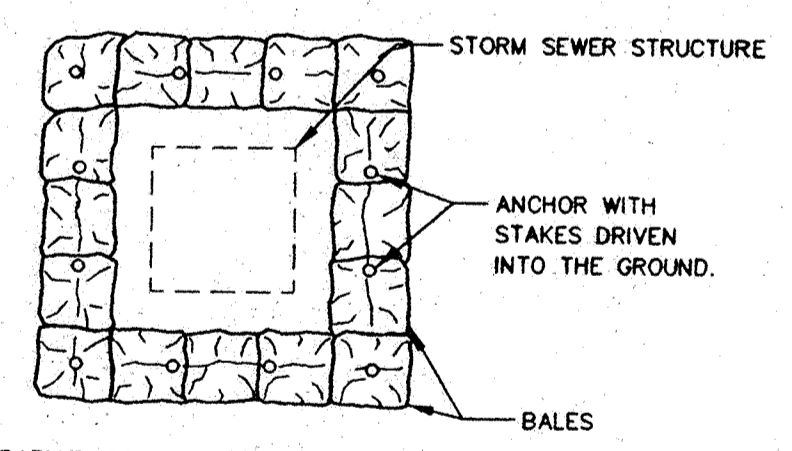
GRADING CONTRACTOR SHALL REMOVE TREES AS NECESSARY AND GRADE O.L. A FOR PATH CONSTRUCTION BY OTHERS.

NOTES:
 1. THE BALES SHOULD BE TRENCHED 4" INTO THE GROUND AND SHOULD BE STAKED BY STEEL FENCE POSTS OR 2" X 2" WOOD STAKES. THE STAKES SHOULD BE ANGLED TOWARDS THE PREVIOUSLY LAID BALE.
 2. SOIL SHOULD BE COMPACTED ON THE UPSLOPE SIDE OF BALES. LOOSE STRAW SHOULD BE WEDGED BETWEEN THE BALES.

Note:
 REAR LOTS CAN NOT BE GRADED BELOW THE 872.00 CONTOUR ALONG THE RIVER

Lowest floor must be higher than 869.5 ft

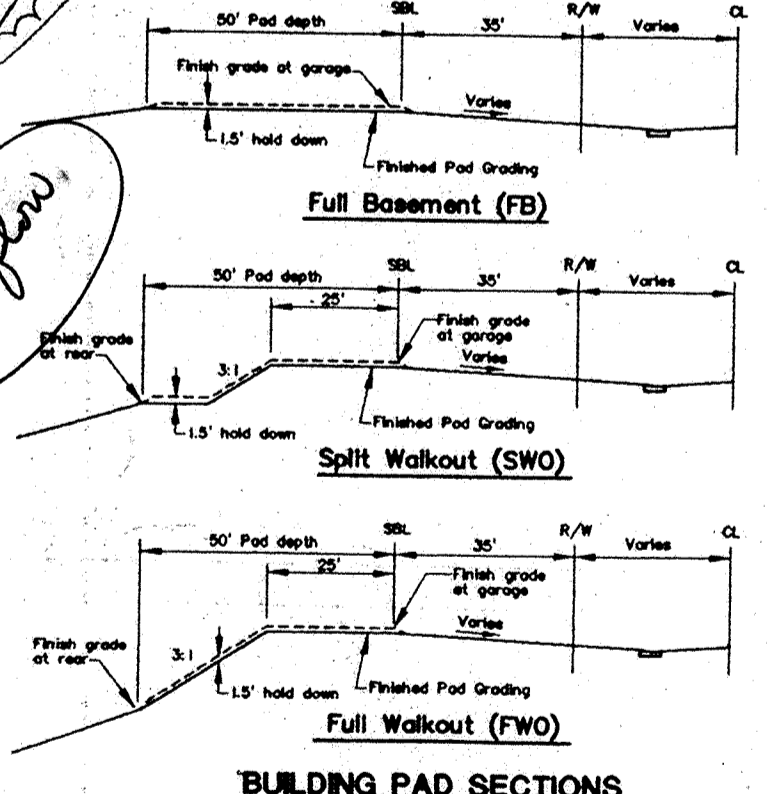
(TO BE PLACED AT ALL STORM SEWER STRUCTURES)



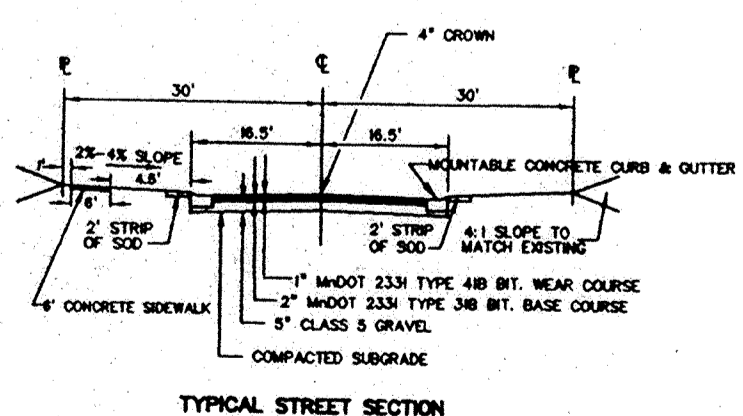
TEMPORARY BARRIER OF SEDIMENT CONTROL BALES TO PREVENT SEDIMENT - LADEN WATER FROM ENTERING STORM SEWER SYSTEM.

SUGGESTED PLACEMENT OF SEDIMENT CONTROL BALES AROUND EXISTING STORM SEWER INLETS.

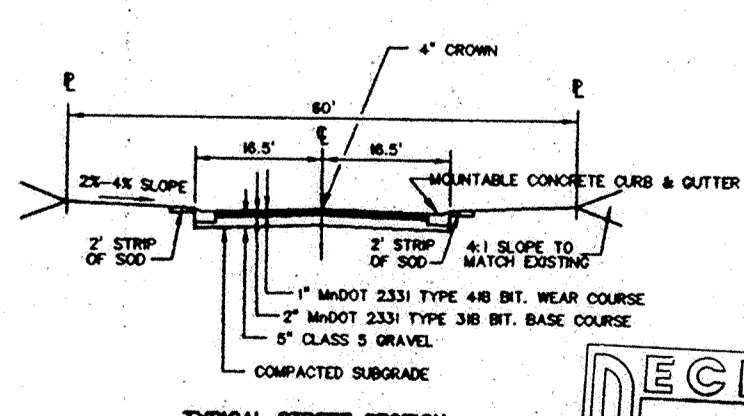
EROSION CONTROL MEASURES



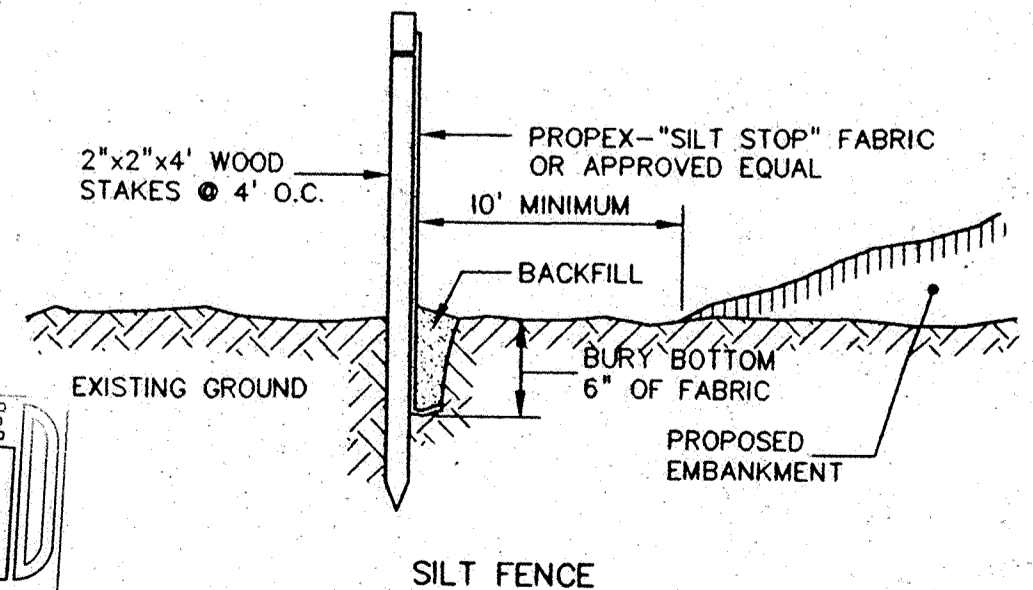
BUILDING PAD SECTIONS



TYPICAL STREET SECTION

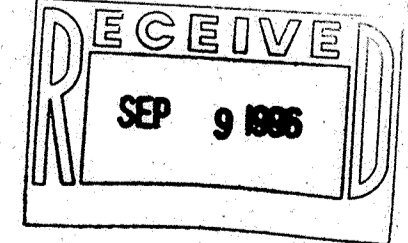
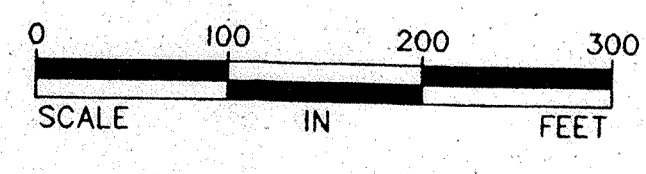


TYPICAL STREET SECTION



SILT FENCE

APPROVED
Paul A. King 9/10/96
 MSA Consulting Engineers, Inc



DATE: 4/27/95 DESIGN BY: TM DRAWN BY: PG, BG CHECKED BY: TM	I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Registered Engineer under the laws of the State of Minnesota.	John Oliver & Associates, Inc. Civil Engineering, Land Surveying, Land Planning 580 Dodge Avenue Elk River, MN 55330 (612)441-2072 (FAX)441-5685 201 W. Travelers Trail, Suite 200 Burnsville, MN 55337 (612)894-3045 (FAX)894-3049	MISSISSIPPI OAKS 2ND ADD. ELK RIVER, MN FOR MISSISSIPPI OAKS DEVELOPMENT CORPORATION, INC. GRADING, DRAINAGE & EROSION CONTROL PLAN
REVISIONS: 7/17/96 BORINGS, RW 8/13/96 CITY REV 8/30/96 L1-15, B3 9/6/96	Signed: <i>Paul A. King</i> Date: 7/3/96 Reg. No. 20383	DRAWING FILE: MS2-GRD.DWG	TEXT FILE: SHEET 1 OF 1 FILE NO. 6521.20-03