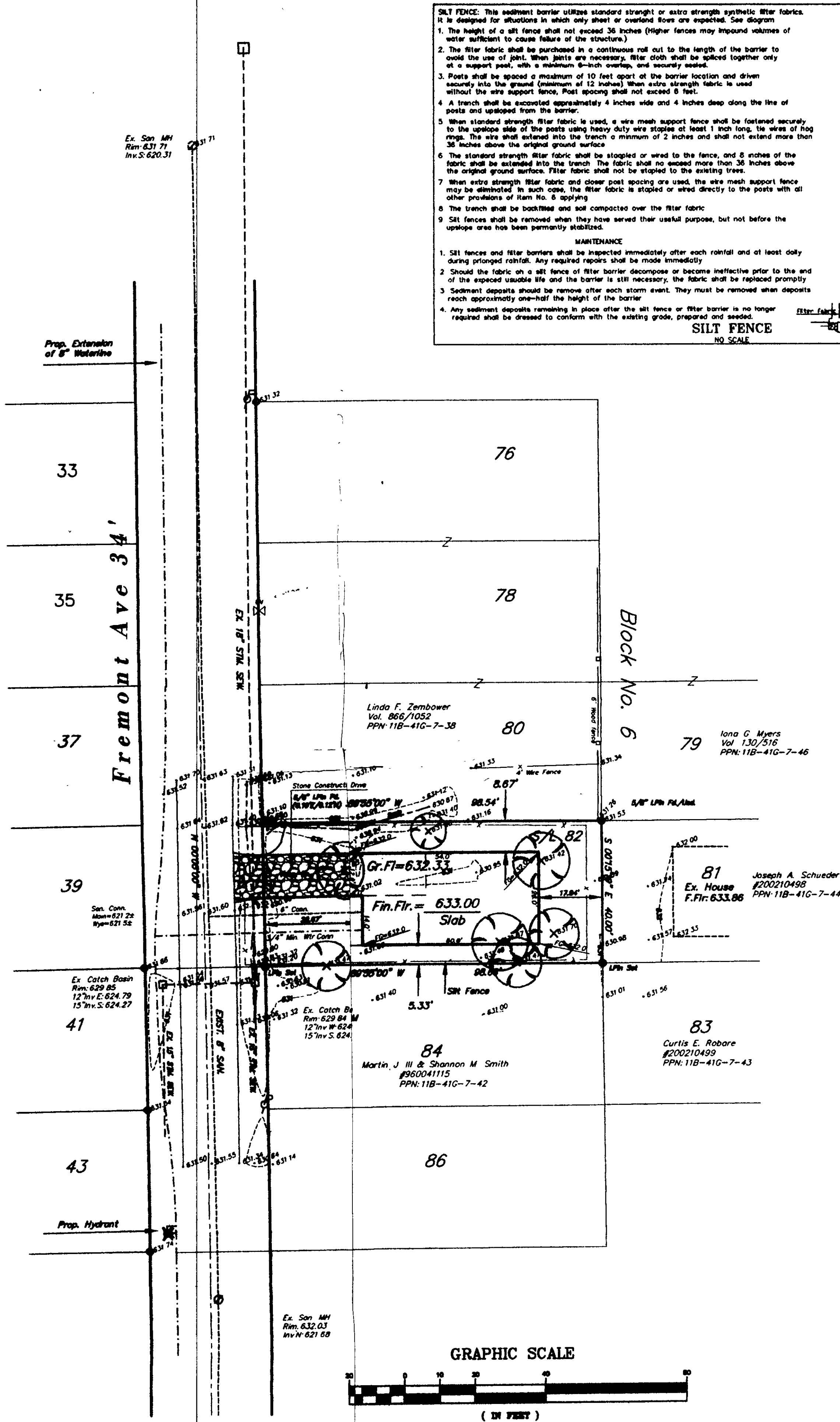


Block No. 5



SILT FENCE This sediment barrier utilizes standard straight or extra strength synthetic filter fabrics. It is designed for situations in which only sheet or overland flows are expected. See diagram.

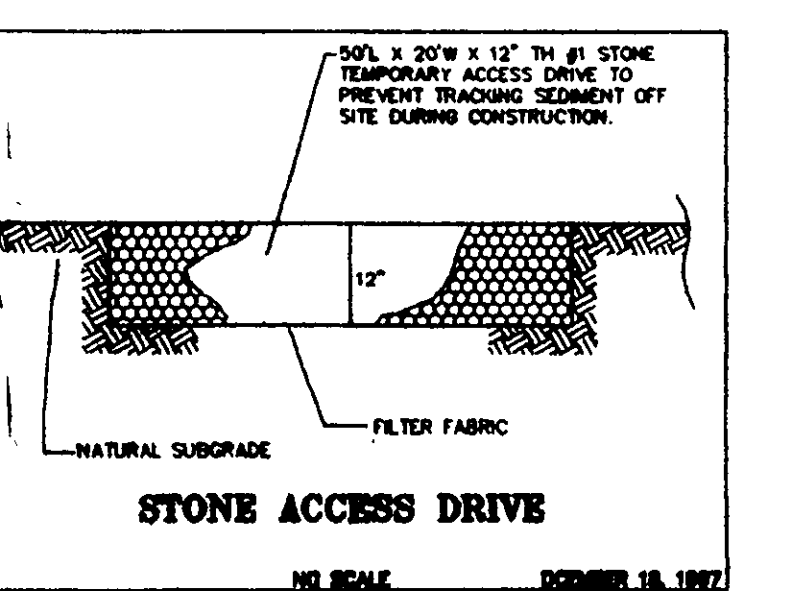
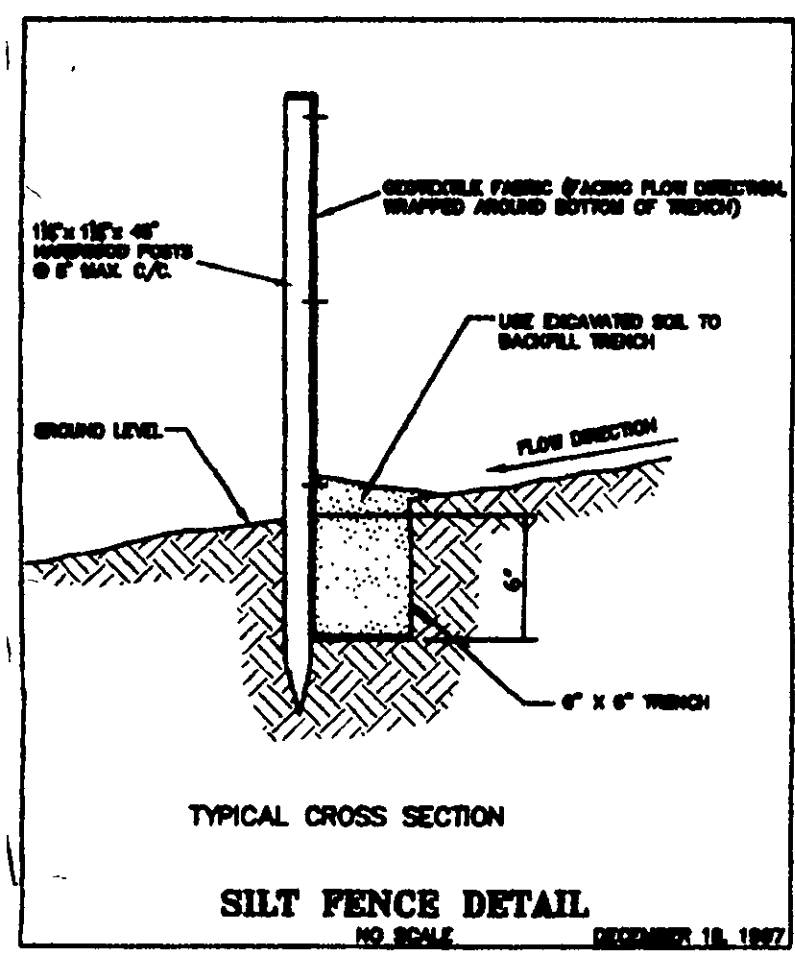
- The height of a silt fence shall not exceed 36 inches (higher fences may impound volumes of water sufficient to cause failure of the structure).
- The filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid the use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6-inch overlap, and securely sealed.
- Posts shall be spaced a maximum of 10 feet apart at the barrier location and driven securely into the ground (maximum of 12 inches) when extra strength fabric is used without the wire support fence. Post spacing shall not exceed 6 feet.
- A trench shall be excavated approximately 4 inches wide and 4 inches deep along the line of posts and upland from the barrier.
- When standard strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upland side of the posts using heavy duty wire staples at least 1 inch long, 16 wires of hog ring. The wire shall extend into the trench a minimum of 2 inches and shall not extend more than 36 inches above the original ground surface.
- The standard strength filter fabric shall be stapled or wired to the fence, and 6 inches of the fabric shall be extended into the trench. The fabric shall not exceed more than 36 inches above the original ground surface. Filter fabric shall not be stapled to the existing trees.
- When extra strength filter fabric and closer post spacing are used, the wire mesh support fence may be eliminated. In such case, the filter fabric is stapled or wired directly to the posts with all other provisions of Item No. 6 applying.
- The trench shall be backfilled and soil compacted over the filter fabric.
- Silt fences shall be removed when they have served their useful purpose, but not before the upland area has been permanently stabilized.

MAINTENANCE

- Silt fences and filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.
- Should the fabric on a silt fence or filter barrier decompose or become ineffective prior to the end of the expected usable life and the barrier is still necessary, the fabric shall be replaced promptly.
- Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier.
- 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.

SILT FENCE
NO SCALE
March 1, 1994

NOTES: DRIVE APRON AND SIDEWALK @ APRON TO BE 6" THICK CONCRETE;
-4' CONC. WALK TO BE 4" THICK
-DOWNSPOUTS TO BE OUTLETTED TO SPLASHBLOCKS



EROSION CONTROL PLAN & SCHEDULE

SILT FENCE TO BE INSTALLED PRIOR TO ANY EARTHWORK ACTIVITY, IN LOCATION SHOWN ON PLANS, PER DETAIL.

STONE SHALL BE INSTALLED IN FUTURE DRIVEWAY AREA 20 FEET WIDE AND 50 FEET LONG TO PREVENT VEHICLES FROM TRACKING SEDIMENT OFF THIS SITE. INGRESS AND EGRESS TO BE LIMITED TO THIS AREA ONLY.

SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL THROUGHOUT ALL PHASES OF EARTH DISTURBING ACTIVITY. SETTLING FACILITIES, PERIMETER CONTROLS, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING AND WITHIN SEVEN (7) DAYS FROM THE START OF GRADING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE DISTURBED AREA IS PERMANENTLY RESTABILIZED.

DISTURBED AREAS SHALL HAVE SOIL STABILIZATION WITHIN NO MORE THAN SEVEN (7) DAYS IF THEY ARE TO REMAIN BURNING UNDISTURBED FOR MORE THAN THIRTY-FIVE (35) DAYS. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN NO MORE THAN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE, AND SHALL ALSO BE APPLIED WITHIN NO MORE THAN SEVEN (7) DAYS TO DISTURBED AREAS WHICH MAY NOT BE AT FINAL GRADE, BUT WILL REMAIN EXPOSED FOR LONGER THAN THIRTY-FIVE (35) DAYS.

STABILIZATION OF CRITICAL AREAS WITHIN 50 FEET OF ANY STREAM OR WETLAND SHALL BE TEMPORARILY STABILIZED WITHIN TWO (2) DAYS OF DISTURBANCE. IF AREA WILL REMAIN PRACTICALLY FOR FORTY-FIVE (45) DAYS OR LONGER, CONSTRUCTION VEHICLES SHALL AVOID STREAMS AND WETLAND AREAS. IF ANY ACTIVE DRAINAGE MAY BE CROSSED BY CONSTRUCTION VEHICLES REPEATEDLY DURING CONSTRUCTION, AN APPROVED TEMPORARY STREAM CROSSING SHALL BE CONSTRUCTED.

SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED TO PREVENT SOIL LOSS. STABILIZATION SHALL BE REQUIRED IF STOCKPILES ARE LOCATED WITHIN CRITICAL AREAS NEAR STREAM OR WETLANDS, OR IF DETERMINED BY THE ADMINISTRATOR THAT SEDIMENT FROM STOCKPILES WILL LEAVE THE SITE.

SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED BY THE OWNER OR HIS/HER AGENT EVERY SEVEN (7) DAYS AND WITHIN 24 HOURS OF A 0.5" OR GREATER RAINFALL EVENT. A WRITTEN LOG OF THESE INSPECTIONS AND IMPROVEMENTS TO CONTROLS SHALL BE KEPT ON SITE. THESE INSPECTIONS SHALL INCLUDE THE DATE OF INSPECTION, NAME OF INSPECTOR, WEATHER CONDITIONS, THE ACTIONS TAKEN TO CORRECT ANY PROBLEMS AND THE DATE ACTIONS WERE TAKEN.

MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACES WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, OR ONTO PUBLIC ROADS. WHERE SOIL IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE, THE ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY AS NECESSARY. SOIL SHALL BE REMOVED FROM PAVED SURFACES BY SHOVELING OR SWEEPING. STREET WASHING SHALL BE ALLOWED ONLY AFTER MOST SEDIMENT HAS BEEN REMOVED BY SHOVELING OR SWEEPING.

THE ABOVE SPECIFIED EROSION CONTROL STANDARDS ARE GENERAL GUIDELINES AND SHALL NOT LIMIT THE RIGHT OF THE COUNTY TO IMPOSE, AT ANY TIME, ADDITIONAL, MORE STRINGENT REQUIREMENTS. NOR SHALL THE STANDARDS LIMIT THE RIGHT OF THE COUNTY TO WAIVE, IN WRITING, INDIVIDUAL REQUIREMENTS.

PERMANENT SEEDING TO BE INSTALLED AFTER ALL CONSTRUCTION ACTIVITY IS COMPLETE.

SEEDING AND MOWING/SWARDS

SEEDING CONTROL SHALL BE ACCOMPLISHED BY SEEDING AND MOWING IMMEDIATELY UPON COMPLETION OF EXCAVATION OF FILL AND FINISHED GRADING IN ACCORDANCE WITH ITEM NO. 654 DOT CONSTRUCTION AND MATERIAL SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

THE FOLLOWING MIXTURE SHALL BE USED FOR SEEDING IN ACCORDANCE WITH DOT ITEM 659:

KENTUCKY BLUE GRASS- 40%
CREEPING RED FESCUE- 40% 34/ 1000 S.F.
PERENNIAL RYEGRASS- 20%
FERTILIZER- 20% 1000 S.F. (12-12-12)
MULCH-STRAW/ 3 TONS/ ACRE

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, RECORDED BY 6, 1, OR 2, CONTAINS AND REPRESENTS THE TRUE AND CORRECT REPRESENTATION OF THE ACTUAL FIELD SURVEY MADE BY ME ON THE 28th DAY OF SEPTEMBER, 1994, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXIST AS SHOWN HEREON.

Joseph R. Gillis, Jr.
Professional Engineer

NOTE: THE CONTRACTOR/BUILDER SHALL NOTIFY THE APPROVING ENGINEER IF GROUNDWATER IS OBSERVED DURING THE EXCAVATION OF THE BASEMENT.

-Contractor To Verify Depth And Location Of Utility Connections;
-See Architect Plans For Complete House Dimensions.

EXISTING UNDERGROUND UTILITIES NOTE:

THE SIZE & LOCATION, BOTH HORIZONTAL AND VERTICAL, OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS AND VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL. HOWEVER, LDC INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

2 WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
888 UTILITIES PROTECTION SERVICE

SITE PLAN

FOR : Painesville Area Habitat For Humanity

301 Washington St. Painesville, OH 44130

82 Painesville on the Lake 82-4 0 19

SUBJECT NO. 2002R064666 VOL. 1 SHEET 1

1994

LDC DESIGN CONSULTANTS
www.LDCinc.net
ENGINEERS • PLANNERS • SURVEYORS

5101 East Avenue, Suite 200-1000 Painesville, OH 44130
TEL: (440) 333-0463 FAX: (440) 333-0460
(440) 333-0461 (440) 333-0475

1471 East Main Street, Suite 1000 Painesville, OH 44130
TEL: (440) 333-0463 FAX: (440) 333-0460
(440) 333-0461 (440) 333-0475

DESIGN CERTIFICATION

THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Joseph R. Gillis, Jr.
Professional Engineer

CHECK LIST

1. EROSION CONTROL PLAN ()
2. SEDIMENT CONTROL PLAN ()
3. SEEDING AND MOWING/SWARDS PLAN ()
4. STONE ACCESS DRIVE PLAN ()
5. SILT FENCE DETAIL ()
6. TYPICAL CROSS SECTION ()
7. GRAPHIC SCALE ()
8. NOTES ()
9. LEGEND ()
10. BENCHMARK ()
11. SUBJECT PARCEL INFO ()
12. 2 WORKING DAYS BEFORE YOU DIG ()
13. EXISTING UNDERGROUND UTILITIES NOTE ()



"AS BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE GRADING INFORMATION IS EXISTING AS SHOWN ON THE PLAN AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXIST AS SHOWN HEREON.

LEGEND		DRAWN BY	DATE
EXISTING	Gr	Jp	9/2/94
PROPOSED	P	Gr	9/2/94
PROPOSED	Gr	Gr	9/2/94
PROPOSED	Gr	Gr	9/2/94
PROPOSED	Gr	Gr	9/2/94
PROPOSED	Gr	Gr	9/2/94
PROPOSED	Gr	Gr	9/2/94
PROPOSED	Gr	Gr	9/2/94
PROPOSED	Gr	Gr	9/2/94
PROPOSED	Gr	Gr	9/2/94

BENCHMARK

TBM: Rim of Catch Basin at corner of S/L 82 & 84 as shown
Elevation: 629.84

Grading Plan Approved as shown and/or noted
JAMES R. GILLIS, P.E.
Lake County Engineer

Subject Parcel Info
S/L 82
Painesville Area Habitat For Humanity
#2002R064666
PPN: 11B-41G-7-41

APPROVED
PAINEVILLE TOWNSHIP
ZONING DEPARTMENT

APPROVED
PAINEVILLE TOWNSHIP
ZONING DEPARTMENT

LDC
HABIT-0301