

Ms. Marian Massoth
Kansas Department of Transportation
June 22, 1993
Page 2

- B. This has been addressed in Addendum Item No. 3.j, 5.a(1), 5.a(2), and 5.c. Note that an intercept ditch has been substituted for hay bales.
- C. This work will be performed by the Developer.
- D. See Restrictive Covenants attached.
- E. See Builders Requirements attached.
- F. The Developer will be meeting with builders prior to commencing construction.
- G. See Addendum Item 4, Certification Notice.
- H. The Developer will pursue this at the appropriate time.

If there are any questions regarding these matters, please contact the undersigned.

Very truly yours,

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.



Michael W. Berry, P.E.
Manager
Land Development Division

MWB:st

Encl.

cc: Mr. Reg Boothe, Forest Lakes, Inc.
Mr. Marvin Schellenberg, Forest Lakes, Inc.
Mr. M.E. Lindebak, City Engineer

**STORM WATER POLLUTION
PREVENTION PLAN**

**FOREST LAKES
AN ADDITION TO
WICHITA, KANSAS**

**MARCH 30, 1993
REVISED JUNE 21, 1993**

FOREST LAKES ADDITION STORM WATER POLLUTION PREVENTION PLAN

I. SITE DESCRIPTION

- A. Forest Lakes Addition is a residential, single-family subdivision comprised of 286 lots divided into 5 phases. The phases are to be developed as follows:

Phase I: Start date - June 15, 1993; completion date - June 30, 1994.

Phase II: Start date - July 1, 1994; completion date - June 30, 1995.

Phase III: Start date - July 1, 1995; completion date - June 30, 1996.

Phase IV: Start date - July 1, 1996; completion date - June 30, 1997.

Phase V: Start date - July 1, 1997; completion date - June 30, 1998.

For each phase of this development, the construction activities will include the installation of infrastructure improvements and utilities to serve the subdivision, as well as drainage facilities.

- B. For each phase of the development, the sequence of activities relative to disturbing the soil are as follows:

1. Installation of sanitary sewer.
2. Clearing and grading for storm water drain projects which include ponds, open channels, and weir structures.
3. Installation of underground power facilities for the subdivision.
4. Installation of telephone cables and equipment for the subdivision.
5. Installation of cable TV cables and equipment for the subdivision.
6. Construction of water distribution system for the subdivision.
7. Construction of storm water sewers to drain the street improvements in the subdivision.
8. Grading and construction of streets in the subdivision.
9. Installation of gas distribution system for the subdivision.

C. Summary of Areas.

<u>Phase</u>	<u>Total Area</u>	<u>Disturbed Area</u>
I	27 Acres	23 Acres
II	18 Acres	5 Acres
III	29 Acres	17 Acres
IV	17 Acres	5 Acres
V	<u>19 Acres</u>	<u>7 Acres</u>
TOTAL	110 Acres	57 Acres

D. Soil types are silty clays and, in accordance with the soil borings presented in a report dated October 20, 1992, from Allied Laboratories (previously submitted). The estimated runoff coefficient for each phase is the same because it is all single-family residential development and is estimated to be 0.44. To the best of our knowledge, there is no existing information regarding the quality of runoff from the site at present. The site currently is cultivated in either wheat or milo and would have runoff characteristics similar to any other agricultural area in Sedgwick County.

E. Reference is made to the annotated drawing entitled "Drainage Plan - Forest Lakes." This map is a topographic site map which shows the proposed development in all its phases. On this site map, highlighted in pink, are all the areas of soil disturbance. Please note that after construction of all infrastructure and utility improvements are complete, all the area shaded in pink will be seeded and mulched as a stabilization measure. All areas not highlighted in pink will not be disturbed for the infrastructure and street improvements for the project.

This map also depicts the drainage patterns and storm sewers for the proposed project. This includes three detention ponds which serve as flood control structures to minimize the increase of runoff which results from urbanization. The accompanying drainage study report entitled "Drainage Plan and Supporting Calculations" indicates that the 100 year discharge off the site after development will be less than that under existing conditions.

Reference is made to a drawing entitled "Detailed Drainage Plan." This drawing indicates the slopes of the site for each individual lot after development is complete.

F. The runoff from this site is conveyed through a series of detention ponds and control structures to 29th Street North. It is discharged beneath 29th Street North in a triple 8' x 3' reinforced concrete box culvert to the south roadside ditch of 29th Street

North. This ditch in turn flows eastward and discharges into another detention pond which was constructed with Reflection Ridge 6th Addition. This pond discharges beneath Ridge Road into an existing former sand pit lake which lies on the Big Slough.

To best of our knowledge, there are no wetland acres on the site.

II. CONTROLS

A. Construction Phase Controls.

1. Stabilization Practice Controls. Each of the 5 phases is to be constructed in a similar manner. In the rear lot easement area, sanitary sewers, power, telephone, and cable TV are all constructed underground. Thirty days after the last utility is constructed, this area will be seeded and mulched or otherwise stabilized, weather permitting.

Ponds and drainage structures will be constructed concurrently. The bank slope areas will be protected with seeding and mulching as soon as construction is complete and weather permits. The top of the slope will be protected with a temporary erosion control intercept ditch to prevent erosion down the slope (see Figure A and Addendum Item 5.a(2)2). The water's edge will be protected from erosion with a strip of stone riprap.

Prior to establishment of vegetation on the pond banks, off-site stormwater will be diverted around the pond construction area (see Figure B). As storm sewer inlets are constructed, inlet protection measures will be installed immediately after the inlet has been backfilled in accordance with the detail sheets entitled "Erosion Control Details - Inlet Protection."

Street pavement, water distribution, and gas distribution systems are all constructed in street rights-of-way. The street area, of course, receives paving which protects it from erosion. The area behind the curb will be seeded and mulched or otherwise stabilized 14 days after the last utility is constructed, weather permitting.

Storm sewers which discharge directly to the 29th Street road ditch (basins 4, 10, and 11) will be protected with silt fence and with rock riprap for velocity dissipation.

Rear yard easement areas contain sanitary sewer, power, telephone, and cable television facilities. These areas will be seeded and mulched or otherwise stabilized 14 days after utility construction is complete, weather permitting.

During home construction, builders will be required to institute BMPs as outlined in the Builders Requirements.

2. **Structural Practices.** The proposed Forest Lakes has 3 detention ponds. Pond No. 1 provides 6 acre-feet of storage or 0.9 inch per acre drained. Pond No. 2 provides 19 acre-feet of storage or 1.7 inches per acre drained. Pond No. 3 provides 17 acre-feet of storage or 1.06 inches per acre drained. Each of these ponds was designed as a flood control measure to minimize the increase in runoff rates which normally occurs with urbanization. The accompanying report entitled "Drainage Plan and Supporting Calculations for Forest Lakes" dated February 1, 1993, indicates that the peak flood discharge after development is less than existing conditions for the 5, 10, 50 and 100 year design storms. Complete HEC-1 computer model input and output data are provided in the mentioned report.
3. **Storm Water Management.** The project incorporates several features which will minimize the runoff of pollutants after construction is complete. These include the following:
 - a. Seeding and mulching of disturbed areas along utility installation locations and along the street locations by the Developer.
 - b. Seeding, and mulching of the banks adjacent to the ponds by the City contractor.
 - c. Installation of riprap (erosion control blanket) at the water's edge for each pond by the City contractor.
 - d. Installation of temporary erosion control intercept ditches at the top of the bank slope of the pond by the City contractor.
 - e. Installation of sediment barriers (silt fence) at key discharge points into the pond.
 - f. For those lots under the ownership of the developer, each vacant lot will be seeded and mulched as weather conditions permit. In addition, after lots are sold to other parties, homebuilders will be required to stabilize the site during construction and seed or sod each lot.
 - g. Regarding velocity dissipation devices, for each pipe discharging to either an open channel ditch or pond, there will be riprap installed at the outlet to dissipate the velocity to below erosive conditions.

- h. This project is the first to be developed in Forest Lakes Addition. No previous development has taken place on this site; therefore, there is no data on existing storm water control structures.

B. Other Controls.

1. The Forest Lakes Addition lies within the city limits of Wichita, Kansas; therefore, all activities on the project will conform to waste disposal and sanitary sewer regulations as set forth by the City of Wichita. No septic sewer systems exist on site and none are anticipated as part of this development. See Addendum Item 3.a and Builders Requirements Item h.
2. Construction vehicles to the Forest Lakes Addition will access the site via 29th Street North. 29th Street North is an existing unpaved road. No access directly onto paved roads will be allowed. See Addendum Items Nos. 3.b, 3.g and 3.h and Builders Requirements Item c.
3. The City of Wichita currently has no local sediment erosion control procedures above and beyond those required by the Kansas Department of Health and Environment. At the review of the final plat of this development at the Metropolitan Area Planning Commission, it was agreed that the developer would submit application to the Kansas Department of Health and Environment for an NPDES permit for construction and to comply with any requirements set forth in the permit. No other local regulations apply to this development.

III. OTHER PROVISIONS

A. Maintenance.

1. Turfed Areas. The primary stabilization measure on the project will be seeding, fertilizing, and mulching. Maintenance on this measure will consist of periodic mowing and re-seeding and re-establishment of any areas where good turf cover does not develop.
2. Inlet Protection. Inlet protection measures will have the sediment removed and the device restored to its original condition whenever the accumulation of sediment reaches 1/3 to 1/2 the design height of the device. Filter fabric, when used, will be replaced immediately after it becomes clogged.
3. Rock Riprap. Stone riprap will be installed at outlet points from storm sewer systems and along the banks of the storm water detention ponds. Each site will be visually inspected on a regular basis and any sites where erosion occurs will be repaired in a timely manner as required.

4. Sediment Barrier (Silt Fence). These devices will have the sediment removed and the device restored to its original condition when sediment has reached 1/3 to 1/2 the bale height. All sediments removed shall be properly disposed of and sediment barriers shall be maintained in place until the drainage area is completely stabilized.
5. Storm Water Detention Ponds. Storm water detention ponds have been designed for the primary purpose of flood control. They have the additional purpose of settling out sediments which may be carried in the storm water which runs through the ponds. The ponds are to be protected from collection of sediment by several measures to be incorporated into the site: seeding, fertilizing, and mulching of disturbed areas; hay bale barriers to protect the bank slope; riprap along the pond water's edge; and inlet protection devices at the inlets on the storm water sewer systems.

The design depth for the ponds below the static pool is 7' as a minimum. This depth provides a significant amount of sediment storage. The concept to be incorporated into this project is to minimize sediment discharged into the ponds by stabilization of the pond bank proper, and by prevention of sediment from entering the storm sewer systems which discharge into the ponds. Therefore, the seven feet of sediment storage appears to be more than adequate to provide for any sedimentation which may occur during the duration of project construction.

Each contractor/subcontractor on the project will be required to sign a certification similar to that provided for the EPA General Permit Article IV.E.2 (Federal Register, Vol. 57, No. 175, p. 41222).

- B. Inspections. Storm water pollution prevention measures are to be periodically inspected and inspected after every storm. Repairs will be made as necessary to insure that the function of the device is maintained.
- C. Contractor/Subcontractor Identification. As outlined in Item I.B, there are several different stages of construction during the development. These construction projects are to be constructed under either contracts with the City of Wichita or by the various utility companies. The public improvements will be constructed under the competitive bid process. Therefore, it is impossible to identify who is responsible for the construction at this time. The developer can notify KDHE of the various contractors involved at the time the bids are taken and the project awarded to the contractor.
- D. Non Storm Water Discharges. The following non storm water discharges are anticipated during the development of this site:
 1. Discharges from fire fighting activities, if any.

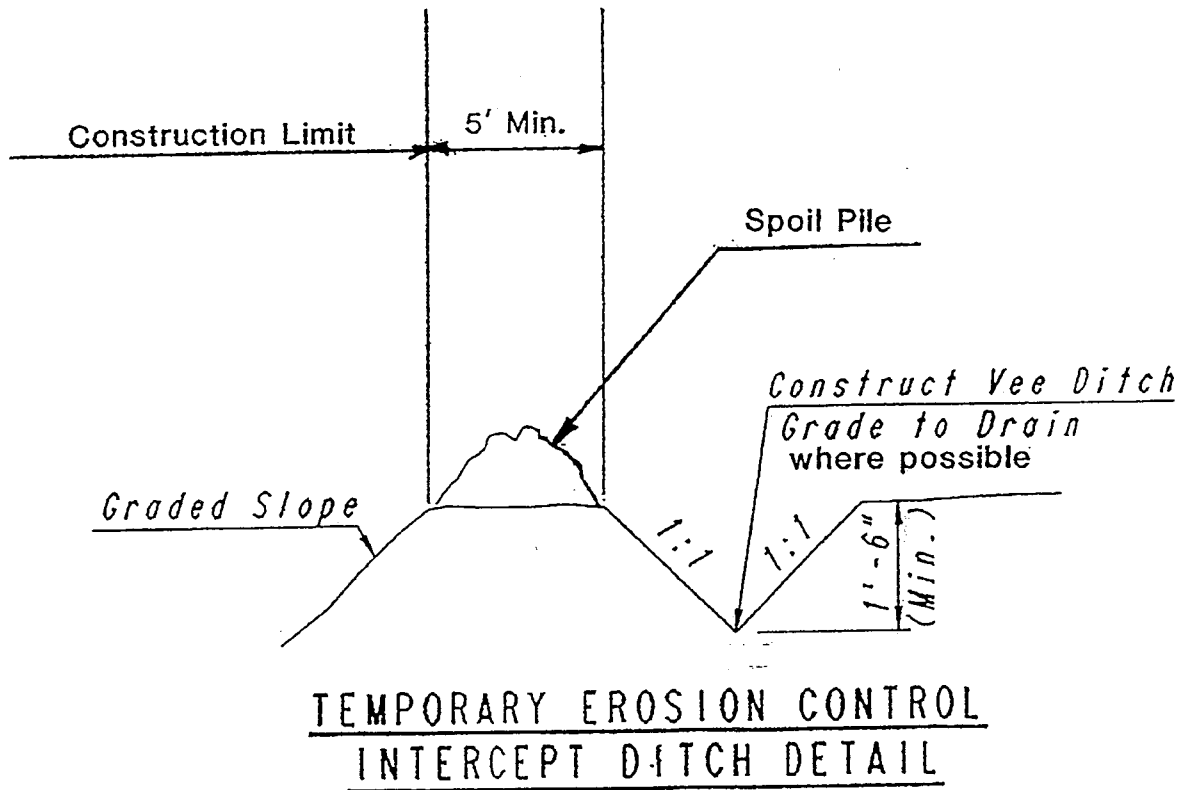
2. Fire hydrant flushings.
3. Water line flushing and testing, including chlorination of the water line after its initial construction.
4. Groundwater from construction sites and their dewatering activities.
5. Foundation or footing drains.
6. Irrigation water where required to establish turf areas.
7. Exterior building wash down.
8. Pavement wash waters.
9. Air conditioning condensate.

E. **Material Management.** The following materials are anticipated to be stockpiled on site during the construction of the infrastructure and the utility improvements:

1. PVC pipe for sanitary sewer and water line construction.
2. Cast iron castings for storm sewer and water line construction.
3. Reinforced concrete pipe for storm sewer construction.
4. Fabricated reinforcing steel bars to be used in construction of concrete structures.
5. Cables used for installation of cable television, power, and telephone.
6. Sand used for backfilling of trenches, leveling of bases, etc.
7. Crushed limestone used in the construction of pavement subbase.
8. Geosynthetic stabilization materials.

Best Management Practices to be instituted are given in Addendum Items 3.c, 3.d, 3.e, 3.f, 3.i, and 3.j for City infrastructure construction and Builders Requirements Items d, e, f, and g for individual home construction.

Restrictive covenants to be filed on the development will set forth certain measures to be taken by homeowners to protect the environment. These are given in the Restrictive Covenants attached.



NOTE: Temporary Erosion Control Intercept Ditch to be constructed around the excavation perimeter prior to commencement of excavation operations, except where removal of existing trees would be required to construct the ditch. Excavated material to be placed in a spoil pile adjacent to the ditch as shown, and is not to be removed from the project site. This work is to be considered incidental to "Clearing Right-of-Way and Site Preparation".

FIGURE A

Diversion Channel to be constructed
by the Developer

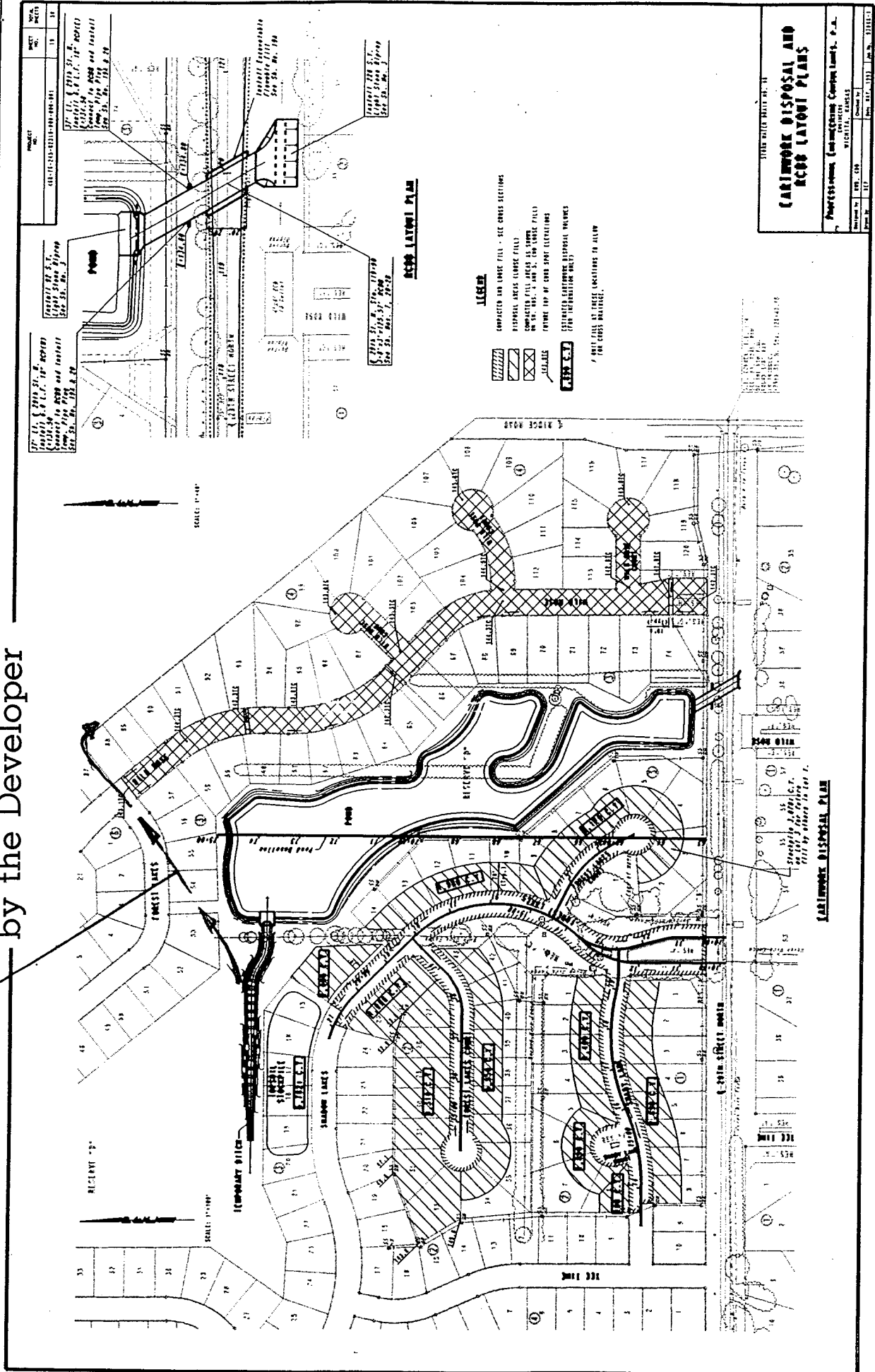


FIGURE B

WICHITA, KANSAS
ADDENDUM NO. 3
TO THE PROPOSAL

Storm Water Drain #98 to serve part of Forest Lakes Addition
PROJECT NO. 468-82310 (750422)

TO BE BID: JUNE 25, 1993

The following changes and additions shall be made to the plans and proposal.

1. There will be a pre-bid conference at 10:00 a.m. on Wednesday, June 23, 1993 in the First Floor Board Room at City Hall. The purpose of the meeting will be to discuss the NPDES permit requirements which will be the Contractor's responsibility.
2. **NPDES PERMIT REQUIREMENTS:** Pursuant to the provisions of the Federal Clean Water Act, the Developer has applied to the Kansas Department of Health and Environment (KDHE) for a permit to discharge stormwater from this development under the National Pollution Discharge Elimination System (NPDES). The provisions of this program require the Contractor for the project to institute certain Best Management Practices (BMPs) as he/she undertakes the work, in order to reduce the amount of pollutants, including construction debris and sediment, which ultimately discharge to the surface waters and/or groundwaters. The BMPs applicable to this City contract are outlined in this addendum. Other NPDES permit responsibilities fall to the Developer, to other City contractors, to home building contractors, and to the ultimate homeowner.
3. **BEST MANAGEMENT PRACTICES:**
 - a. The Contractor shall provide and maintain in a neat, sanitary condition such accommodations for the use of his employees as may be necessary to comply with the requirements of the Federal, State or local health agencies.
 - b. The Contractor shall access the construction site(s) via 29th Street North. To minimize tracking of dirt and mud onto paved surfaces, no access directly from Ridge Road is permitted.
 - c. All materials stored on site will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure. Petroleum products will be stored in tightly sealed containers which are clearly labeled. On-site fuel storage areas shall be protected by containment dikes.
 - d. No materials or substances such as paints, petroleum products, solvents, detergents, concrete drum wash water or other liquids will be disposed of in the storm sewer system or into any drainage way.
 - e. Spills of toxic or hazardous materials will be reported to the appropriate state or city agency, regardless of size.
 - f. All waste materials will be collected and stored in a securely lidded metal dumpster until transported off site for disposal.
 - g. Work areas and/or Haul Roads shall be disced and/or watered as required to prevent blowing dust.

- h. The Contractor's staging area and access route shall be located on stabilized surfaces. Minimum stabilization shall consist of KDOT Type B compaction and 2 inches of surfacing aggregate material similar to KDOT SA-1, 3, or X. Parking of company and/or employee vehicles on bare earth surfaces will not be permitted. Stabilization of surfaces and their on-going maintenance shall be the Contractor's responsibility. The Developer will make available site(s) on Lots 8 through 26, Block 4, Forest Lakes Addition, for use by the Contractor(s) for staging area(s).
- i. Unless otherwise approved by the Engineer, on-site fueling of vehicles and equipment shall not be performed within 150 feet of any water body or drainage system inlet.
- j. For all seeding and mulching work performed under this project, whether paid for under the bid item "Site Restoration" or performed under City of Wichita Administrative Regulation AR 78, application of fertilizers, herbicides or pesticides will be prohibited.

The Contractor shall further be required to obtain this certification from any subcontractors he/she may employ which are involved with construction activities which disturb the surface of the earth.

- k. In the event dewatering is required, the Contractor shall develop a dewatering plan to minimize the amount of sediments discharged off site. This plan will be submitted to the Engineer for review and approval of the sediment control measures.
4. **NOTICE:** Prior to award of the Contract, the Contractor will be required to sign the following statement:

I certify, under penalty of law, that I understand the terms and conditions of the National Pollution Discharge Elimination System (NPDES) permit incorporated into the bidding documents for this project that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Name: _____ Date: _____
 Title: _____
 Company Name: _____
 Address: _____ Phone: _____
 Subdivision Name: _____

5. **REVISIONS TO STORM WATER DRAIN 98 PLANS:**

a. Plan Sheet #1

- (1) Delete the tenth (10th) paragraph of the General Notes dealing with seeding in its entirety, and replace with the following:

"The following areas shall be seeded and mulched within fourteen (14) days after completion of final grading operations, weather permitting: Pond bank areas above the Erosion Control Blanket, including the utility easements immediately adjacent; Temporary Ditch and Berm; Compacted Fill areas on Wild Rose and Wild Rose Courts (3); and the Contractor's Haul Roads on site.

"All disturbed areas greater than five acres in size will be seeded and mulched within fourteen (14) days after grading operations temporarily or permanently cease. Seeding and mulching shall be performed in accordance with the City of Wichita's Standard Specifications and in accordance with City of Wichita Administrative Regulation AR 78 which governs cleanup and restoration following construction, except that no fertilizers, herbicides, or pesticides will be used. All costs associated with this work shall be considered incidental to the lump sum price bid for 'Site Restoration'."

- (2) Delete the 13th paragraph of the General Notes dealing with the earthwork construction sequence in its entirety, and replace with the following:

"Earthwork Construction Sequence:

1. Tree, Brush and Debris Removal.
2. Construct Temporary Erosion Control Intercept Ditch around the entire pond perimeter. (See Figure A for detail and notes)
3. Construct embankments for streets as shown on Plan Sheets 10-18.
4. Construct embankments on Wild Rose and Wild Rose Courts (3) as shown on Plan Sheet 19.
5. Waste of excess excavation material in Blocks 1, 2, and 3 as shown on Sheet 19."

b. Plan Sheet #8

Add the following note to this sheet:

"A diversion channel and ditch plug is to be constructed by others from approximately Sta. 94+00 to the north and east to the Missouri Pacific Railroad right-of-way. The Contractor shall coordinate his work as required with this construction. Eradication of the ditch plug and diversion channel will be the responsibility of the Developer."

c. Plan Sheet #19A

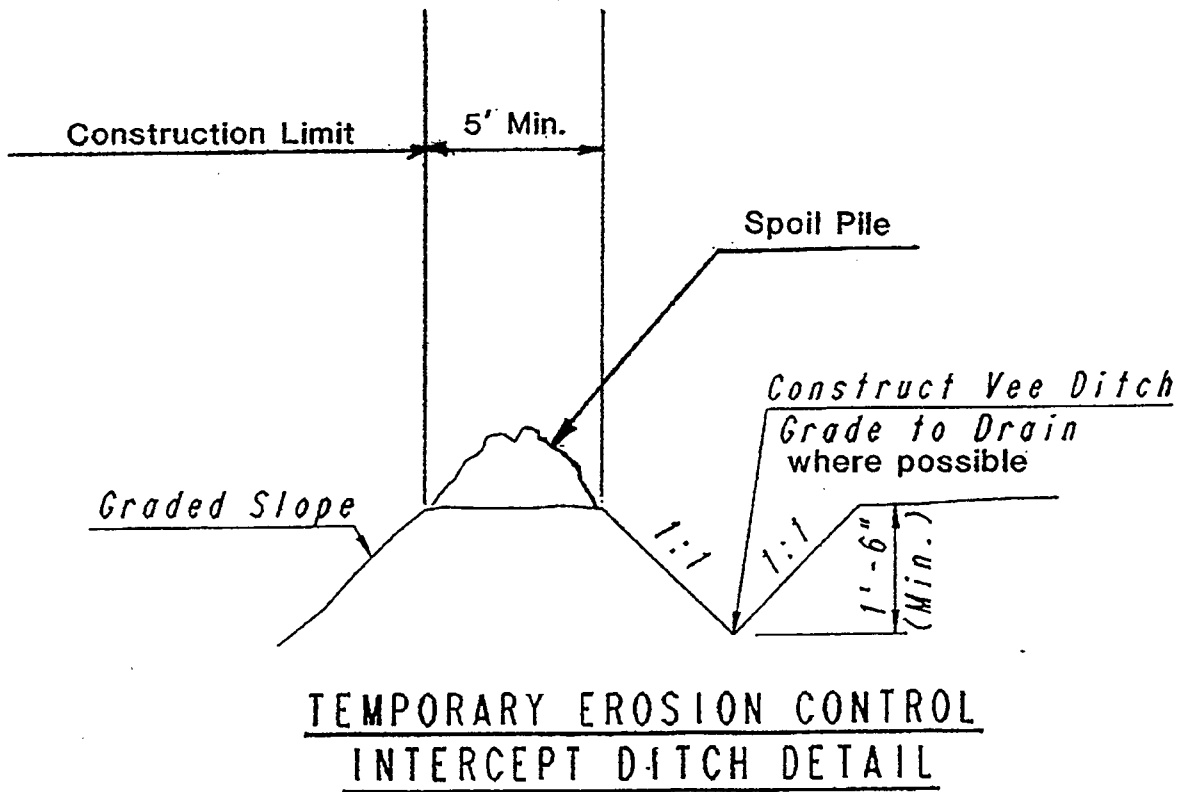
Add the following to the General Notes for Sediment Barriers:

"5. CONSTRUCTION SEQUENCE

Sediment Barrier at the RCBB site is to be erected as soon as excavation for the structure is complete and prior to placement of the seal course. This barrier may be temporarily removed for placement of concrete or rip rap, but will be reset at the end of each day's work.

Sediment Barrier at the Temporary Ditch location is to be erected as soon as the temporary ditch has been excavated.

All other Sediment Barriers are to be erected prior to the commencement of excavation operations."



NOTE: Temporary Erosion Control Intercept Ditch to be constructed around the excavation perimeter prior to commencement of excavation operations, except where removal of existing trees would be required to construct the ditch. Excavated material to be placed in a spoil pile adjacent to the ditch as shown, and is not to be removed from the project site. This work is to be considered incidental to "Clearing Right-of-Way and Site Preparation".

FIGURE A

Addendum #3
June 21, 1993
Page 4

Each bidder is required to acknowledge receipt of this Addendum by his signature affixed hereto and to file same with and attached to his bid. Any Bid Proposal that is returned without all addenda signed and included in the Proposal can be considered an invalid Proposal.

June 21, 1993

Mike Lindebak
City Engineer

* * * * *

The undersigned acknowledges receipt of this Addendum and the bid submitted herewith is in accordance with the information, instructions and stipulations set forth herein.

Date _____

Signature of Bidder

By _____

Title _____

BUILDERS REQUIREMENTS

FOREST LAKES ADDITION

Pursuant to the provisions of the federal Clean Water Act, the Developer has applied to the Kansas Department of Health and Environment (KDHE) for a permit to discharge stormwater from this development under the National Pollution Discharge Elimination System (NPDES). The provisions of this program require the general contractor for home construction to institute certain Best Management Practices (BMPs) as he/she undertakes the work, in order to reduce the amount of pollutants, including construction debris and sediment, which ultimately discharge to the surface waters and/or groundwaters. The BMPs applicable to the Builder are outlined herein. Other NPDES permit responsibilities fall to the Developer, to City contractors, to other home building contractors, and to the ultimate homeowner.

BEST MANAGEMENT PRACTICES

- a. During construction and until final seeding, the general contractor shall provide and maintain temporary stabilization of all disturbed ground with mulch or other surface treatment.
- b. During construction and until final seeding, the general contractor shall place hay bales secured by stakes or silt fence along the perimeter of the construction site next to the street curb or paved driveway.
- c. Vehicles must be kept off all unpaved areas unless required by construction activity. Parking of vehicles is limited to the streets or paved driveways only. The paved street adjacent to the lot shall be swept daily to remove any excess mud, dirt, or rock tracked from the site.
- d. All materials stored on-site will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure. Petroleum products will be stored in tightly sealed containers which are clearly labeled.
- e. No materials or substances such as paints, petroleum products, solvents, detergents, concrete drum wash water or other liquids will be disposed in the storm sewer system or other drainage ways.
- f. Spills of toxic or hazardous material will be reported to the appropriate state or city agency, regardless of size.
- g. All waste materials will be collected and stored in a securely lidded metal dumpster until transported off-site for disposal.
- h. The Builder shall provide and maintain in a neat, sanitary condition such accommodations for the use of his employees as may be necessary to comply with the requirements of the federal, state and local health agencies.

NOTICE: Prior to closing, the Builder will be required to sign the following statement:

I certify under penalty of law that I understand the terms and conditions of the National Pollution Discharge Elimination System (NPDES) permit outlined above for this project that authorizes the stormwater discharges associated with industrial activity from the construction site identified as part of this certification.

Name: _____

Title: _____

Date: _____

Company Name: _____

Address: _____

Phone Number: _____

Address of Site: _____

The Builder is further required to obtain this certification from any subcontractors he/she may employ which are involved with construction activities which disturb the surface of the earth.

RESTRICTIVE COVENANTS

FOREST LAKES ADDITION

The property owner is hereby bound to the following requirements:

- i. No herbicides, pesticides or fertilizers will be applied to the earth's surface until vegetation has reached a good stand.
- ii. Subsequent to this establishment of vegetation, any application of herbicides, pesticides or fertilizers will be in strict accordance with EPA or KDHE requirements which may be in place at that time.
- iii. In the event a spill of toxic materials occurs on the property, the landowner will agree to contact the appropriate government agency and to clean up such spills in accordance with KDHE requirements.
- iv. No materials or substances such as paints, petroleum products, solvents, detergents, concrete drum wash water or other liquids will be disposed in the storm sewer system or into any drainage way.

June 22, 1993

Ms. Marian Massoth
Environmental Engineer
Industrial Programs Section
Bureau of Water
Kansas Department of Health and Environment
Forbes Field, Building 740
Topeka, KS 66620-0001

Reference: Stormwater Application for Construction Activity
Forest Lakes Development
PEC File No. 36-93225-3114

Dear Ms. Massoth:

Pursuant to the agreements made at our meeting of June 17, 1993, transmitted herewith are the following items relative to the referenced project:

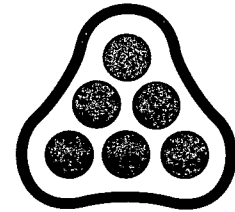
1. Revised Storm Water Pollution Prevention Plan (SWPPP) documentation, including Figures A and B.
2. Addendum No. 3, which addresses NPDES permit responsibility on the part of the City of Wichita contractors.
3. Builders Requirements, which addresses NPDES permit responsibility on the part of individual home builders.
4. Restrictive Covenants, which addresses responsibilities of individual homeowners.

Please note that the following documents originally submitted on March 30, 1993 have not been reprinted:

"Drainage Plan - Forest Lakes" drawing.
"Detailed Drainage Plan" drawing.
Soil report dated October 20, 1992.
"Drainage Plan and Supporting Calculations" report.
"Sediment Control Details - Inlet Protection" drawing.

Referencing my memorandum of June 18, 1993, those items have been addressed as follows:

- A. A diversion channel will be constructed by the Developer. This is noted in Item 5.b of Addendum #3.



PROFESSIONAL
ENGINEERING
CONSULTANTS
PROFESSIONAL ASSOCIATION

