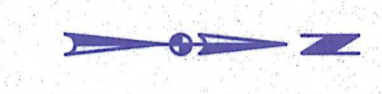


FOR APPROVAL
 DATE _____ BY _____

MAR 0 1998
 MAR 05 1998

Red Bank Road



SCALE 1" = 60'
 60 0 60 120

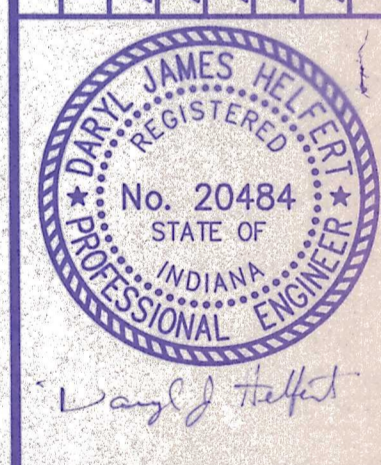
7.44± Acres Tract

LIMITS OF 100 YEAR FLOOD - ZONE A
 SCALED FROM FIRM MAP
 COMMUNITY PANEL 180256 0100 B
 DATED MARCH 19, 1982

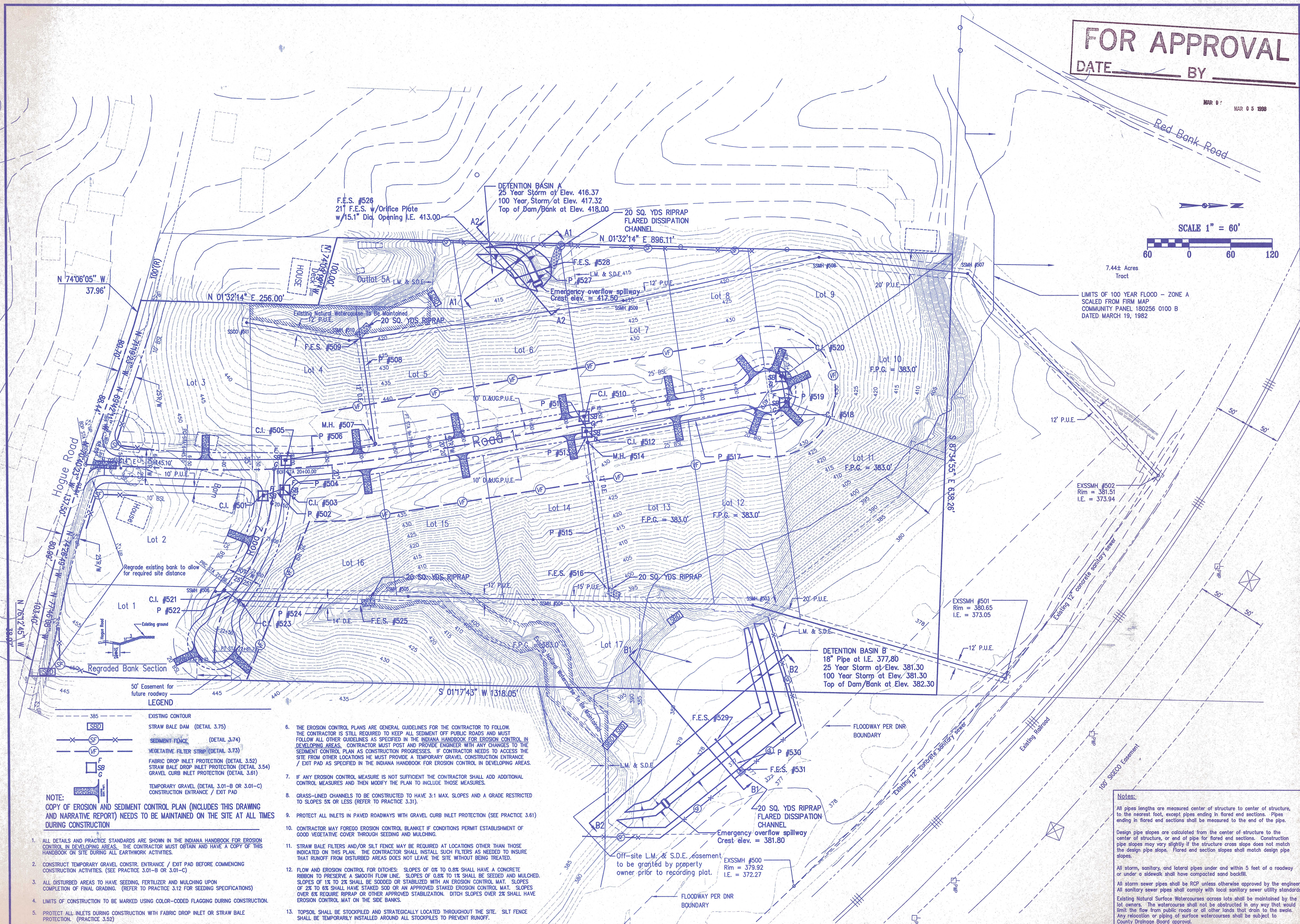
Morley and Associates, Inc.
 Consulting Engineers/Surveyors/Architects
 605 S.E. Martin Luther King Jr. Blvd.
 Evansville, Indiana 47713
 (812) 464-9566

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No.	By	Date	Description



Project: **Winstead Place Subdivision**
 Sheet Title: **Erosion Control Plan**
 Scale: 1" = 60'
 Job Number: 97-3724-1
 Drawn By: J.E.M. Date: 2/18/98
 Checked By: J.E.M. Filename: 3724BASE.DWG
 Sheet Number: 12 of 12



LEGEND

- 385 - EXISTING CONTOUR
- SB0 - STRAW BALE DAM (DETAIL 3.75)
- SF - SEDIMENT FENCE (DETAIL 3.74)
- VF - VEGETATIVE FILTER STRIP (DETAIL 3.73)
- F - FABRIC DROP INLET PROTECTION (DETAIL 3.52)
- SG - STRAW BALE DROP INLET PROTECTION (DETAIL 3.54)
- G - GRAVEL CURB INLET PROTECTION (DETAIL 3.61)
- TEMPORARY GRAVEL (DETAIL 3.01-B OR 3.01-C)
- CONSTRUCTION ENTRANCE / EXIT PAD

NOTE:
 COPY OF EROSION AND SEDIMENT CONTROL PLAN (INCLUDES THIS DRAWING AND NARRATIVE REPORT) NEEDS TO BE MAINTAINED ON THE SITE AT ALL TIMES DURING CONSTRUCTION

1. ALL DETAILS AND PRACTICE STANDARDS ARE SHOWN IN THE INDIANA HANDBOOK FOR EROSION CONTROL IN DEVELOPING AREAS. THE CONTRACTOR MUST OBTAIN AND HAVE A COPY OF THIS HANDBOOK ON SITE DURING ALL EARTHWORK ACTIVITIES.
2. CONSTRUCT TEMPORARY GRAVEL CONSTR. ENTRANCE / EXIT PAD BEFORE COMMENCING CONSTRUCTION ACTIVITIES. (SEE PRACTICE 3.01-B OR 3.01-C)
3. ALL DISTURBED AREAS TO HAVE SEEDING, FERTILIZER AND MULCHING UPON COMPLETION OF FINAL GRADING. (REFER TO PRACTICE 3.12 FOR SEEDING SPECIFICATIONS)
4. LIMITS OF CONSTRUCTION TO BE MARKED USING COLOR-CODED FLAGGING DURING CONSTRUCTION.
5. PROTECT ALL INLETS DURING CONSTRUCTION WITH FABRIC DROP INLET OR STRAW BALE PROTECTION. (PRACTICE 3.52)

6. THE EROSION CONTROL PLANS ARE GENERAL GUIDELINES FOR THE CONTRACTOR TO FOLLOW. THE CONTRACTOR IS STILL REQUIRED TO KEEP ALL SEDIMENT OFF PUBLIC ROADS AND MUST FOLLOW ALL OTHER GUIDELINES AS SPECIFIED IN THE INDIANA HANDBOOK FOR EROSION CONTROL IN DEVELOPING AREAS. CONTRACTOR MUST POST AND PROVIDE ENGINEER WITH ANY CHANGES TO THE SEDIMENT CONTROL PLAN AS CONSTRUCTION PROGRESSES. IF CONTRACTOR NEEDS TO ACCESS THE SITE FROM OTHER LOCATIONS HE MUST PROVIDE A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE / EXIT PAD AS SPECIFIED IN THE INDIANA HANDBOOK FOR EROSION CONTROL IN DEVELOPING AREAS.
7. IF ANY EROSION CONTROL MEASURE IS NOT SUFFICIENT THE CONTRACTOR SHALL ADD ADDITIONAL CONTROL MEASURES AND THEN MODIFY THE PLAN TO INCLUDE THOSE MEASURES.
8. GRASS-LINED CHANNELS TO BE CONSTRUCTED TO HAVE 3:1 MAX. SLOPES AND A GRADE RESTRICTED TO SLOPES 5% OR LESS (REFER TO PRACTICE 3.31).
9. PROTECT ALL INLETS IN PAVED ROADWAYS WITH GRAVEL CURB INLET PROTECTION (SEE PRACTICE 3.61)
10. CONTRACTOR MAY FORGO EROSION CONTROL BLANKET IF CONDITIONS PERMIT ESTABLISHMENT OF GOOD VEGETATIVE COVER THROUGH SEEDING AND MULCHING.
11. STRAW BALE FILTERS AND/OR SILT FENCE MAY BE REQUIRED AT LOCATIONS OTHER THAN THOSE INDICATED ON THIS PLAN. THE CONTRACTOR SHALL INSTALL SUCH FILTERS AS NEEDED TO INSURE THAT RUNOFF FROM DISTURBED AREAS DOES NOT LEAVE THE SITE WITHOUT BEING TREATED.
12. FLOW AND EROSION CONTROL FOR DITCHES: SLOPES OF 0% TO 0.8% SHALL HAVE A CONCRETE RIBBON TO PRESERVE A SMOOTH FLOW LINE. SLOPES OF 0.8% TO 1% SHALL BE SEEDED AND MULCHED. SLOPES OF 1% TO 2% SHALL BE SOODED OR STABILIZED WITH AN EROSION CONTROL MAT. SLOPES OF 2% TO 6% SHALL HAVE STAKED 500 OR AN APPROVED STAKED EROSION CONTROL MAT. SLOPES OVER 6% REQUIRE RIPRAP OR OTHER APPROVED STABILIZATION. DITCH SLOPES OVER 2% SHALL HAVE EROSION CONTROL MAT ON THE SIDE BANKS.
13. TOPSOIL SHALL BE STOCKPILED AND STRATEGICALLY LOCATED THROUGHOUT THE SITE. SILT FENCE SHALL BE TEMPORARILY INSTALLED AROUND ALL STOCKPILES TO PREVENT RUNOFF.

Notes:
 All pipes lengths are measured center of structure to center of structure, to the nearest foot, except pipes ending in flared end sections. Pipes ending in flared end sections shall be measured to the end of the pipe.
 Design pipe slopes are calculated from the center of structure to the center of structure, or end of pipe for flared end sections. Construction pipe slopes may vary slightly if the structure cross slope does not match the design pipe slope. Flared end section slopes shall match design pipe slopes.
 All storm, sanitary, and lateral pipes under and within 5 feet of a roadway or under a sidewalk shall have compacted sand backfill.
 All storm sewer pipes shall be RCP unless otherwise approved by the engineer. All sanitary sewer pipes shall comply with local sanitary sewer utility standards.
 Existing Natural Surface Watercourses across lots shall be maintained by the lot owners. The watercourse shall not be obstructed in any way that would limit the flow from public roads or all other lands that drain to the swale. Any relocation or piping of surface watercourses shall be subject to County Drainage Board approval.