IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 (C1) MOORESVILLE 704-664-5281

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

PERMIT# 142773 PIN# 4730-36-5350 DATE 8-1-07

OWNER OR APPLICANT HIGHLAND HOME BUILDERS PHONE: Business 704-309-9173 Home 704-528-1428

ADDRESS 52 RIVER POINTE CT HICKORY NC 28601

LOCATION STATE PARK ROAD TO RUSHING WATER LANE, 4TH LOT ON RIGHT

SUBDIVISION TWIN CREEK BLOCK / SECTION II LOT 17 LOT AREA 0.9 ACRE SITE CLASS. PS DESIGN FLOW 480 L.T.A.R. 0.30 GPD/FT²

Septic Tank: 1000 Gallons: STB 1007 Date 11-2-07
Pump Tank: ____ Gallons: PT ____ Date ____
Pump Make: ____ Model ____ Serial No. ____
Nitrification Field: No Fields 1 Square Feet 1800 Linear Feet 300
No Lines SIX Trench Width 24" Max Trench Bottom Depth 28" Stone Depth 24"

☑ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI
System Description: 50% REDUCTION GRAVITY
Repair System Description: 50% REDUCTION LOW PRESSURE
Maintenance Agreement Required: ☐ Yes ☐ No

☑ Gravity ☐ Pressure ☐ Slab ☑ Crawl Space ☐ Basement w/plumbing ☐ Basement wo/plumbing

☑ House/Mod. Home ☐ Mobile Home ☐ Business ☐ Other
No. Bedrooms 4 No. Persons ____ No. Employees ____

Water Supply: ☐ Individual ☑ Public ☐ Community

Comments/Conditions: (1) INSTALL 50% REDUCTION SYSTEM ON CONTOUR USING 72 PPBPS PANELS (2) USE ONE FLOW DIVIDER TEE TO ACHIEVE EQUAL DISTRIBUTION INTO TWO EFFLUENT SPLITTERS (SUCH AS ZOELLER)

INITIAL SITE SKETCH

SEE ATTACHED "FAST TRACK" SITE PLAN PREPARED BY STEVEN PRICE, LSS PROJECT NUMBER: 5-1991

Comments/Conditions: (3) GRADE AREA BELOW LAST LINE (PINK) WHERE EMBANKMENT IS LOCATED TO UNIFORM SLOPE PRIOR TO ISSUANCE OF AUTHORIZATION TO CONSTRUCT

AS BUILT SKETCH

SYSTEM INSTALLED ACCORDING TO INITIAL SITE SKETCH

Permit can be suspended or revoked if any false information is supplied toward securing the permit/any unauthorized changes are made to the site/any unauthorized changes are made in the installation of the system. Improvement Permit with plat valid without expiration ☐ Improvement Permit with site plan valid for sixty months ☑ Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

Signed: ____ date 8-1-07 Installed by: DERRICK BARNES

Improvement Permit by: STEVE HEDRICK date 8-1-07 Operation Permit by: STEVE HEDRICK date 2-14-08

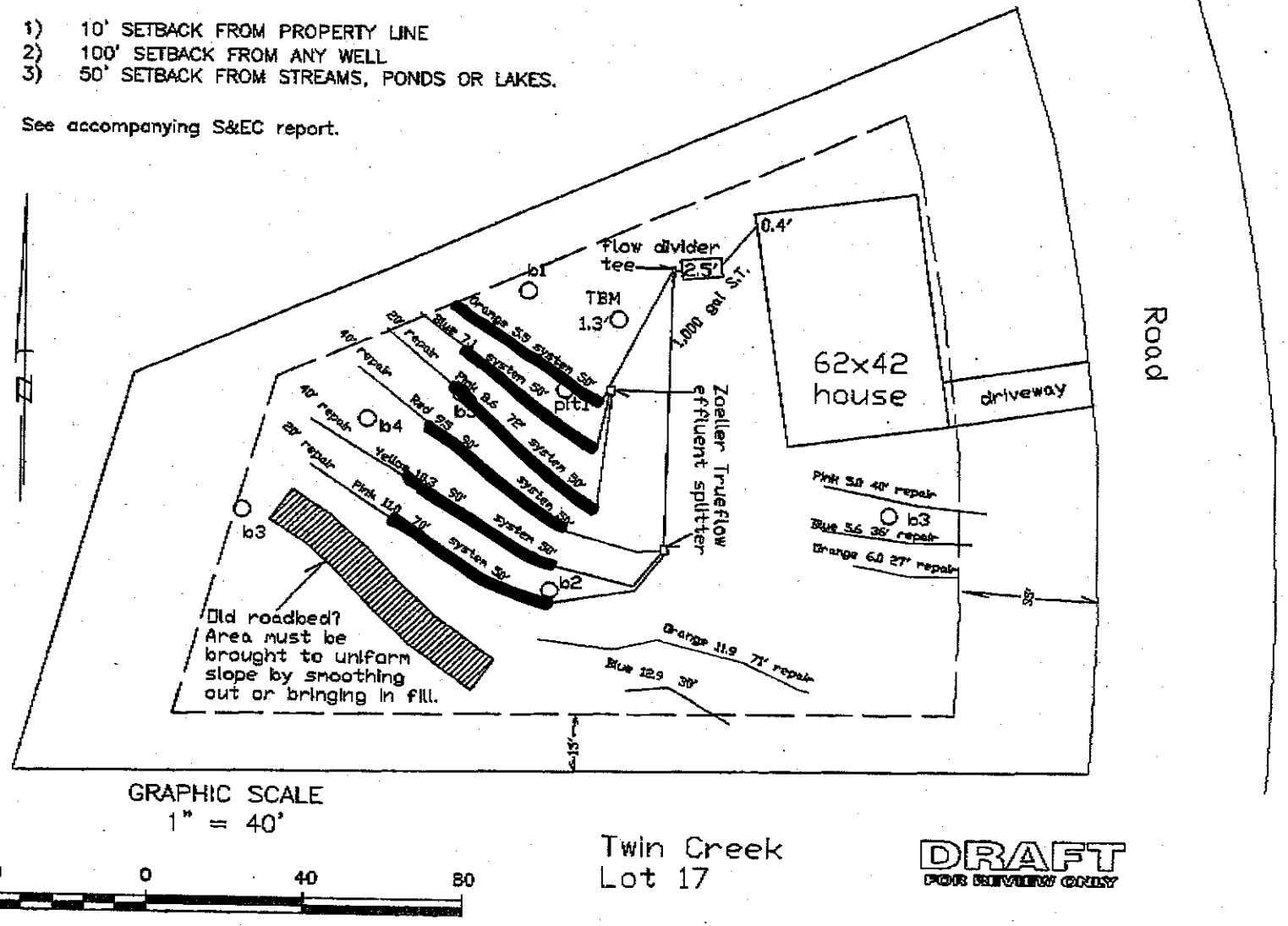
Authorization to Construct by: John Tillyman date 8/15/07. Existing System Inspection by: ____ date ____

HEALTH DEPT. COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK

**SUITABLE FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE, SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND TOPOGRAPHIC IRREGULARITIES.
THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS. SOME OTHER CONSIDERATIONS THAT AFFECT SITE SUITABILITY THAT SHOULD BE CONSIDERED IN DEVELOPMENT DESIGN ARE:

1) 10' SETBACK FROM PROPERTY LINE
2) 100' SETBACK FROM ANY WELL
3) 50' SETBACK FROM STREAMS, PONDS OR LAKES.

See accompanying S&EC report.



Twin Creek
Lot 17

DRAFT
FOR REVIEW ONLY

Soil & Environmental Consultants, PA
S&EC