



SEVERAL WATERSHED PROTECTION DISTRICT CALCULATIONS FOR REQUIRED CLEAR DISTANCES

| STATION | CREEK | ELEV. @ CREEK | ELEV. OF DRY | PERCENT OF SLOPE |
|---------|-------|---------------|--------------|------------------|
| 1       | 3475  | 354.5         | 60           | 4.0              |
| 2       | 3485  | 355.0         | 55           | 3.3              |
| 3       | 3498  | 358.0         | 52           | 3.3              |
| 4       | 3508  | 362.4         | 48           | 6.5              |
| 5       | 3506  | 359.1         | 53           | 5.7              |
| 6       | 3522  | 356.7         | 42           | 2.5              |
| 7       | 3530  | 357.2         | 42           | 2.8              |

SLOPE AVERAGE = 3.8 ÷ 7 STATIONS = 4.4  
 4.4 x 7 FACTOR = 30.8 FT.  
 REQUIRED CLEAR DISTANCE = 30.8 FT. + 36.7 FT. = 67.5 FT.



**BAHLEN / AUSTIN FOODS - PROPOSED SPECIALITY FOODS FACILITY**  
 MACGREGOR PARK - CARY, NORTH CAROLINA

**BELGAN CORPORATION**  
 10000 ANDERSON WAY, CINCINNATI, OHIO 45242

THIS DOCUMENT SHALL BE USED ONLY FOR:  
**PLAN APPROVAL**

DRAWN: EAM/RECH  
 CHECKED: LW/GLLIAM  
 DATE: 6-9-86  
 ISSUED: PLANNING REVIEW

REVISIONS

| NO. | DATE | NO. | DATE |
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PROJECT NUMBER  
**3840**

DRAWING TITLE  
**W.P.D. REQUIREMENTS**

SHEET  
**2.1**  
 OF