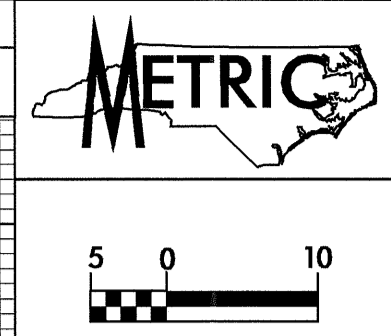


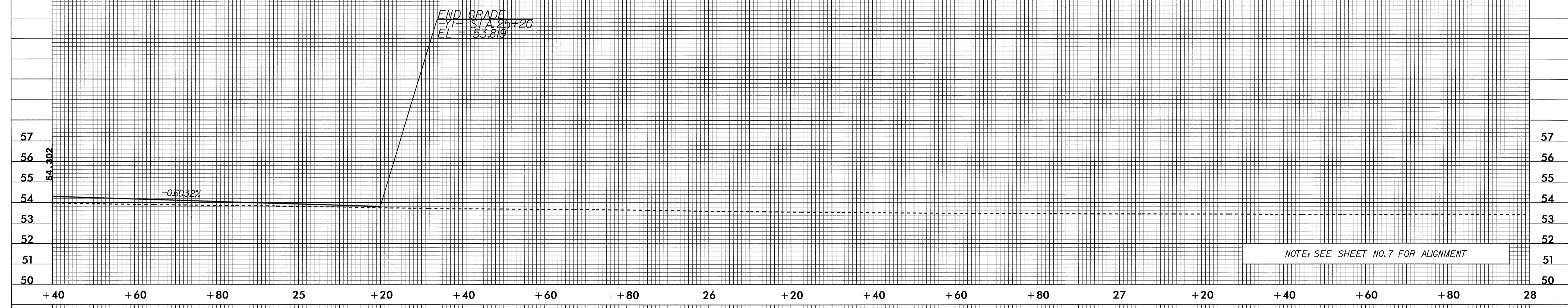
6/09/06

DITCH LEGEND
RIGHT DITCH



| | |
|---|---|
| PROJECT REFERENCE NO. R-0513A | SHEET NO. 43 |
| ROADWAY DESIGN ENGINEER <i>[Signature]</i> | HYDRAULICS ENGINEER <i>[Signature]</i> |
| <i>[Professional Seal]</i> | <i>[Professional Seal]</i> |
| TGS Engineers 975 Walnut Street, Suite 141 Cary, NC 27511 | |

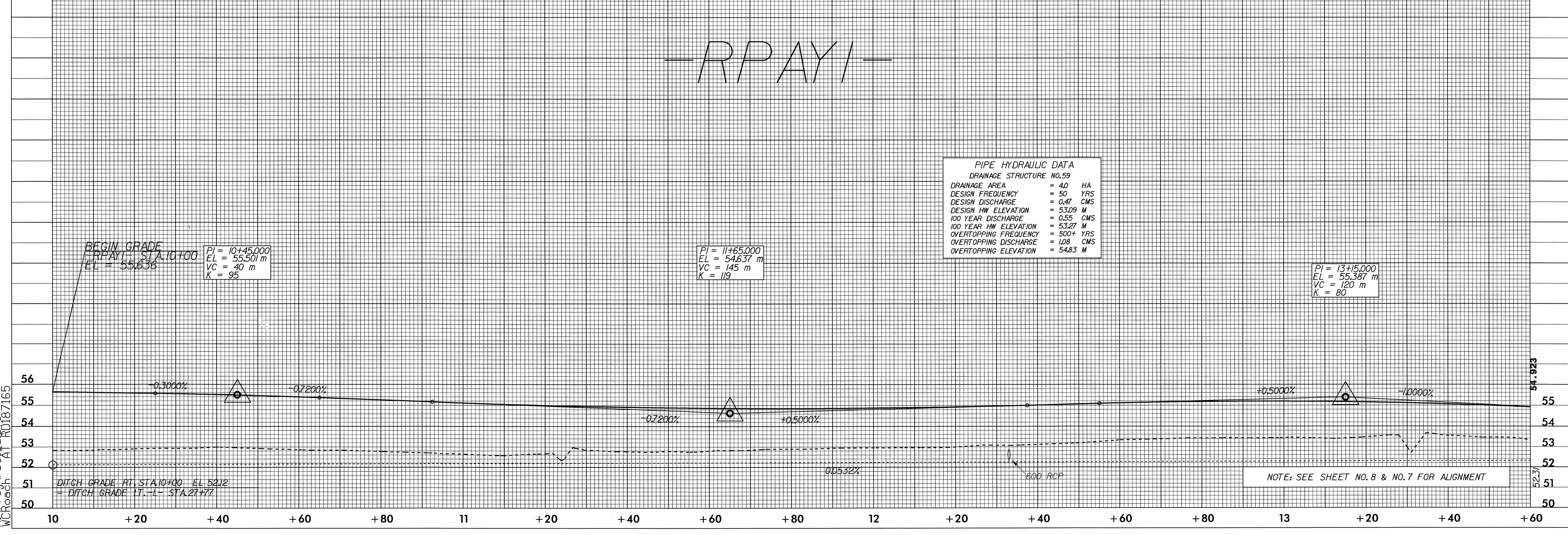
-YI-



-RPAYI-

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. 59

| | |
|-----------------------|------------|
| DRAINAGE AREA | = 40 HA |
| DESIGN FREQUENCY | = 50 YRS |
| DESIGN DISCHARGE | = 0.47 CMS |
| DESIGN HW ELEVATION | = 53.09 M |
| 100 YEAR DISCHARGE | = 0.55 CMS |
| 100 YEAR HW ELEVATION | = 53.27 M |
| OVERTOPPING FREQUENCY | = 500+ YRS |
| OVERTOPPING DISCHARGE | = 1.08 CMS |
| OVERTOPPING ELEVATION | = 54.83 M |



08-JUL-2004 14:52
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M\Roach AT RD187165