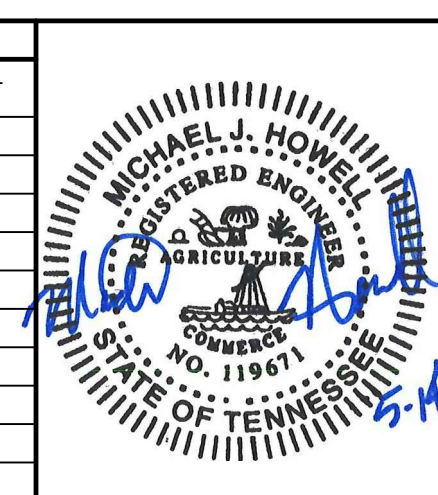


| DRAIN PIPE TABLE |              |     |              |      |      |            |         |          |       |          |          |
|------------------|--------------|-----|--------------|------|------|------------|---------|----------|-------|----------|----------|
| FROM             | INVERT ELEV. | TO  | INVERT ELEV. | SIZE | TYPE | LENGTH FT. | SLOPE % | D.A. ac. | Q cfs | CAP. cfs | VEL. fps |
| 1                | 328.50       | D87 | 326.50       | 15"  | RCP  | 83.4       | 2.40%   | 1.97     | 6.120 | 10.03    | 6.48     |
| 3                | 305.50       | 2   | 304.69       | 18"  | RCP  | 161.6      | 0.50%   | 2.12     | 4.890 | 7.45     | 4.73     |
| 4                | 306.00       | 3   | 305.75       | 15"  | RCP  | 50.4       | 0.50%   | 0.16     | 1.030 | 4.59     | 3.97     |

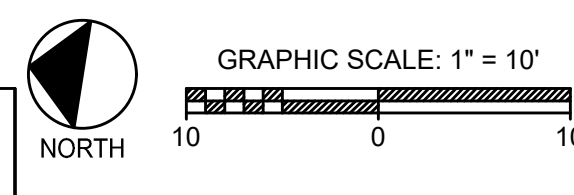
| DRAIN STRUCTURE TABLE |              |          |       |              |            |              |            |           |           |
|-----------------------|--------------|----------|-------|--------------|------------|--------------|------------|-----------|-----------|
| NO.                   | TYPE         | D.A. ac. | Q cfs | TC/RIM ELEV. | FL IN:     | FL OUT       | DETAIL NO. | NORTHING  | EASTING   |
| D87                   | EX 3x3 INLET | 0.45     | 1.77  | 331.00       | 15" 326.50 | EX18" 325.18 | C1/C4.0    | 356569.19 | 857374.37 |
| 1                     | 3x3 INLET    | 1.52     | 6.12  | 332.10       | 15" 328.50 |              | C2/C4.1    | 356647.13 | 857404.02 |
| 2                     | TYPE E HW    | -----    | 0.00  | 306.90       | 18" 304.69 |              | B1/C4.1    | 355094.86 | 858037.83 |
| 3                     | 3x3 INLET    | 1.96     | 3.86  | 309.00       | 15" 305.75 | 18" 305.50   | C2/C4.1    | 355255.12 | 858017.40 |
| 4                     | NO.12 INLET  | 0.16     | 1.03  | 308.74       | 15" 306.00 |              | D1/C4.0    | 355304.45 | 858027.93 |

| REVISION |                       |               |
|----------|-----------------------|---------------|
| ITEM NO. | DESCRIPTION OF CHANGE | APPROVAL DATE |
|          |                       |               |
|          |                       |               |
|          |                       |               |



SHEET 6 OF 8  
 DIVISION OF ENGINEERING  
**PLAN & PROFILE**  
 LOCATION: C.O.S. 'F' - SOUTH OF MAPLE GLEN COURT  
 SURVEY: MLS DATE: 03/18/19 BOOK:  
 DRAWN BY: A2H DATE: 05/08/19 SCALE: AS NOTED  
 DESIGN BY: A2H DATE: 05/08/19 PROJECT: 18390  
 REVIEWED BY:

THE GROVE AT LAKELAND  
 STORM DRAINAGE ADDITIONS  
 ENGINEER: A2H, INC.



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D1 PLAN & PROFILE - OFF STREET DRAINAGE

CITY ENGINEER DATE