



| EXISTING | LEGEND          | PROPOSED |
|----------|-----------------|----------|
| ---      | PROPERTY LINE   | ---      |
| ---      | PAVEMENT        | ---      |
| -543-    | CONTOUR         | -42-     |
| ---      | FLOW            | ---      |
| ---      | EXIST DIVIDE    | ---      |
| ---      | DRAINAGE DIVIDE | ---      |
|          | DRAINAGE AREA # | 1        |
|          | ACREAGE         | 0.11     |

**BENCHMARKS:**  
 BM #1 - "X" CUT ON THE PAVEMENT ON THE WEST R.O.W. LINE OF VIGOR WAY, ±13.3 FEET NORTH OF THE MOST SOUTHEASTERN PROPERTY CORNER OF LOT 1, BLOCK A, COMFORT INN & SUITES ROCKWALL TOWNE CENTER  
 ELEVATION - 545.93 FEET

- NOTES**
- BOUNDARY SURVEY PREPARED BY PEISER & MANKIN SURVEYING, LLC, DATED 04/07/2017.
  - SEE SHEET C3 GRADING PLAN.
  - SEE SHEET C4.1 FOR PRE-DEVELOPED DRAINAGE AREA MAP.
  - SEE SHEETS C6.1 & C6.2 FOR DRAINAGE DESIGN.
  - CONTOURS SHOWN ON AREAS A, B, C, D, E, H, OS1, OS2 OS3 AND OS4 OBTAINED FROM NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS DFWMAPS.COM.

| STORM WATER RUNOFF DATA (POST-DEVELOPED CONDITIONS) |              |      |          |              |            |                                      |
|---|--------------|------|----------|--------------|------------|--------------------------------------|
| DRAINAGE AREA                                       | AREA (Acres) | C    | Tc (Min) | 1100 (in/hr) | Q100 (cfs) | COMMENT                              |
| 1   | 0.11         | 0.90 | 10       | 9.8          | 1.0        | TO 5' CURB INLET #5                  |
| 2   | 0.31         | 0.90 | 10       | 9.8          | 2.7        | TO 5' CURB INLET #4                  |
| 3   | 0.06         | 0.90 | 10       | 9.8          | 0.5        | TO POOL DECK DRAIN                   |
| 4   | 0.23         | 0.90 | 10       | 9.8          | 2.0        | TO ROOF DRAINS                       |
| 5   | 0.44         | 0.90 | 10       | 9.8          | 3.9        | TO 10' CURB INLET #1                 |
| 6   | 0.08         | 0.90 | 10       | 9.8          | 0.7        | TO ROOF DRAINS                       |
| 7   | 0.11         | 0.90 | 10       | 9.8          | 1.0        | TO SLOTTED DRAIN                     |
| 8   | 0.08         | 0.90 | 10       | 9.8          | 0.7        | TO VIGOR WAY                         |
| 9   | 0.32         | 0.90 | 10       | 9.8          | 2.8        | VIGOR WAY TO EXISTING DETENTION POND |
| A   | 0.51         | 0.90 | 10       | 9.8          | 4.5        | TO AREA 5 THRU AREA E TO INLET #2    |
| B   | 0.72         | 0.90 | 10       | 9.8          | 6.4        | TO AREA 3 THRU AREA H TO INLET #3    |
| C   | 0.92         | 0.90 | 10       | 9.8          | 8.1        | TO AREA 2 THRU AREA D TO INLET #3    |
| D   | 0.28         | 0.90 | 10       | 9.8          | 2.5        | TO AREA H TO INLET #3                |
| E   | 0.62         | 0.90 | 10       | 9.8          | 5.5        | TO INLET #2                          |
| H   | 0.08         | 0.90 | 10       | 9.8          | 0.7        | TO INLET #3                          |
| OS1   | 0.02         | 0.90 | 10       | 9.8          | 0.2        | TO AREA 3 TO INLET #1                |
| OS2   | 0.13         | 0.90 | 10       | 9.8          | 1.1        | TO AREA 2 TO INLET #4                |
| OS3   | 0.47         | 0.90 | 10       | 9.8          | 4.1        | TO I-30                              |
| OS4   | 0.81         | 0.90 | 10       | 9.8          | 7.1        | TO I-30 AND VIGOR WAY                |

RELEASED FOR CONSTRUCTION  
 ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN.

55.6  
 DRAINAGE AREAS A, B, C, D, E, AND H WERE OBTAINED FROM AS-BUILT PLANS, PLATE NO. 4, FOR WENDY'S BY DOWDEY, ANDERSON & ASSOCIATES, INC, DATED 06/27/05.

DRAINAGE AREAS OS1, OS2 AND OS3 OBTAINED FROM KWK KAR LUBE DOCUMENTS BY ENTERPRISE ENGINEERS, DATED 06/27/05.

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DEVELOPER:  
 JAGH HOSPITALITY  
 996 East I-30  
 Rockwall, TX 75087

POST-DEVELOPED DRAINAGE AREA MAP  
 LOT 1, BLOCK A  
 BW PLUS EXECUTIVE RESIDENCY  
 ROCKWALL, TEXAS

date: 11/14/17  
 assigned by: JLV  
 drawn by: JLV  
 checked by: JLV  
 1-011941-DRAINAGE AREA MAP.dwg  
 12/04/2017