

| EXISTING | LEGEND | PROPOSED |
|----------|-----------------|----------|
| --- | PROPERTY LINE | --- |
| --- | PAVEMENT | --- |
| --- | CONTOUR | --- |
| --- | FLOW | --- |
| --- | EXIST DIVIDE | --- |
| --- | DRAINAGE DIVIDE | --- |
| | DRAINAGE AREA # | 1 |
| | ACREAGE | 1.42 |

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 C4.2 FOR POST-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.

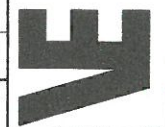
| STORM WATER RUNOFF DATA (PRE-DEVELOPED CONDITIONS) | | | | | | | COMMENT |
|--|--------------|------|----------|--------------|------------|--|--------------------------------------|
| DRAINAGE AREA | AREA (Acres) | C* | Tc (Min) | I100 (in/hr) | Q100 (cfs) | | |
| 1 | 1.42 | 0.90 | 10 | 9.8 | 12.5 | | TO EXISTING 27" RCP |
| 2 | 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 E |
| B | 0.72 | 0.90 | 10 | 9.8 | 6.4 | | TO AREA H |
| C | 0.92 | 0.90 | 10 | 9.8 | 8.1 | | TO AREA D & H |
| D | 0.28 | 0.90 | 10 | 9.8 | 2.5 | | TO AREA H |
| E | 0.62 | 0.90 | 10 | 9.8 | 5.5 | | TO AREA 1 |
| H | 0.08 | 0.90 | 10 | 9.8 | 0.7 | | TO AREA 1 |
| OS1 | 0.02 | 0.90 | 10 | 9.8 | 0.2 | | TO AREA 1 |
| OS2 | 0.13 | 0.90 | 10 | 9.8 | 1.1 | | TO AREA 1 |
| 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 |

* C VALUE OBTAINED FROM EXISTING DRAINAGE AREAS A6 & A4c FROM RECORDED DRAWINGS FROM RIDGE ROAD TOWN CENTER BY HALF ASSOCIATES, INC., DATED 02/08/06.

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 06/27/85.

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.

| NO. | DATE | APP. |
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| | | |



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

PRE-DEVELOPED DRAINAGE AREA MAP

LOT 1, BLOCK A
 BW PLUS EXECUTIVE RESIDENCY
 ROCKWALL, TEXAS

Scale: 1" = 40'
 Prepared by: JJV
 Checked by: JJV
 Date: 12/04/2017

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