



- LEGEND**
- 1/2" I.R.S. W/CAP → 1/2" IRON ROD SET WITH YELLOW CAP STAMPED "RPLS 3963"
  - DIRECTION OF FLOW
  - I.R.F. → IRON ROD FOUND
  - GW → GUY WIRE
  - PP → POWER POLE
  - LP → LIGHT POLE
  - EM → ELECTRIC METER
  - ICV → IRRIGATION CONTROL VALVE
  - B → BOLLARD
  - WM → WATER METER
  - SSMH → SANITARY SEWER MANHOLE
  - TPED → TELEPHONE PEDESTAL
  - XFR → ELECTRIC TRANSFORMER
  - MB → MAILBOX
  - WV → WATER VALVE
  - EBX → ELECTRIC BOX
  - FOM → FIBER OPTIC CABLE MARKER
  - A/C → AIR CONDITIONER UNIT
  - ES → ELECTRIC SWITCH
  - HW → HEADWALL
  - TS → TRAFFIC SIGN
  - WF → WATER FAUCET
  - FH → FIRE HYDRANT
  - FOV → FIBER OPTIC VAULT
  - CMP → CORRUGATED METAL PIPE
  - PVC → POLYVINYL CHLORIDE PIPE
  - ROP → REINFORCED CONCRETE PIPE
  - P.R.R.C.T. → PLAT RECORDS ROCKWALL COUNTY TEXAS
  - D.R.R.C.T. → DEEDS RECORDS ROCKWALL COUNTY TEXAS
  - — — → EDGE OF ASPHALT
  - - - - - → WIRE FENCE
  - - - - - → OVERHEAD ELECTRIC LINE
  - ◆ → PROPOSED FIRE HYDRANT
  - → CLEAN-OUT
  - FDC → FIRE DEPARTMENT CONNECTION

"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."

**RECORD DRAWINGS**

To the best of our knowledge Engineering Concepts & Design, L.P., hereby states that this plan is As-Built. This information provided is based on surveying at the site and information provided by the contractor.

*Todd Winters* 7-31-15  
TODD WINTERS DATE

**DRAINAGE CALCULATIONS**

AREA NO.	AREA (ACRES)	C	T <sub>c</sub> (MIN)	I <sub>10</sub> (IN/HR)	I <sub>25</sub> (IN/HR)	I <sub>100</sub> (IN/HR)	Q <sub>10</sub> (CFS)	Q <sub>25</sub> (CFS)	Q <sub>100</sub> (CFS)	COMMENTS
1	1.51	0.90	10	7.3	8.3	9.8	9.92	11.28	13.32	DOUBLE 10" CURB INLET
2	0.75	0.90	10	7.3	8.3	9.8	4.93	5.60	6.62	10" CURB INLET
3	0.18	0.90	10	7.3	8.3	9.8	1.18	1.34	1.59	ROOF DRAIN PIPES
4	0.03	0.90	10	7.3	8.3	9.8	0.20	0.22	0.26	AREA DRAIN

**BENCHMARK:**  
BM FOUND ON 10' RECESSED CURB INLET IN THE NORTH LINE OF RALPH HALL PARKWAY ADJACENT TO SITE. ELEVATION = 547.25

**ENGINEERINGCONCEPTS & DESIGN, L.P.**

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REVISIONS:

DRAWN: TONY DATE: JANUARY 08, 2015  
CHECKED: TW DATE:  
PROJECT NO.: 2109  
DWG FILE NAME: Z:\PROJECTS\02109\DWGS\SHEETS\07 DA MAP.DWG

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF CONSTRUCTION.

**DRAINAGE AREA MAP**

LOT 6, BLOCK 1  
HORIZON VILLAGE  
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

SHEET  
7  
OF  
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