



0 50 100 200
 (IN FEET)
 1 inch = 100 ft.

LEGEND

- 617 --- Existing Contour Interval
- Proposed Drainage Area Divide
- Proposed Drainage Flow Direction
- 16J
1.48
7.25 Proposed Drainage Watershed
Proposed Drainage Area, AC
Proposed Flow, cfs
- A Proposed Inlet Label
- Proposed Inlet
- Proposed Storm Pipe

Contractor to field verify all existing underground utilities & report any discrepancies or conflicts to Engineer prior to any installation.

Contractor to call for locates 48 hrs. prior to beginning construction. Contractor shall be responsible for repairing utilities damaged during construction.
 Atmos Gas 1-800-344-8377
 Southwestern Bell Telephone 1-800-395-0440
 ONCOR Electric 1-800-233-2133
 Texas One 1-800-245-4545

DRAINAGE THEORY

Rational Method: $Q=CIA$

Q ~ runoff [c.f.s.]
 C ~ runoff coefficient
 C(developed) = 0.5
 I ~ Intensity [in/hr]
 I(100yr) = 9.8in/hr
 A ~ Area [acres]

**FOR INFORMATION ONLY.
 NOT REVIEWED**

BENCHMARKS

1. X-chiseled in CL of Alley East of Morningstar Drive within the third lot north of Midnight Pass. Elevation = 513.26
2. PK Nail in CL of Caruth Lane & Alley intersection 150 feet +/- east of Morningstar Drive. Elevation = 491.68

NO.	REVISIONS DURING CONSTRUCTION	BY	DATE	NO.	SUBMITTALS	DATE

The seal appearing on this document was authorized by DANIEL DEWEY, P.E. 93961. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

Daniel Dewey 7-20-12



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AS-BUILT DRAWINGS: 7/20/12

TO THE BEST OF JBI PARTNERS, INC. KNOWLEDGE HEREBY STATES THE THIS PLAN IS AS-BUILT. THE INFORMATION PROVIDED IS BASED ON CONSTRUCTION STAKING AND PAD VERIFICATION AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

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.

DRAINAGE AREA MAP		PROJECT NO.
Overall Phase 7		HOE132
Caruth Lakes Phase 7		SHEET NO.
City of Rockwall, Texas		10

Drawing: H:\Projects\HOE132\DWG\HOE132-DA.dwg Saved By: cdewey Save Time: 3/7/2012 2:36 PM Plotted by: cdewey Plot Date: 7/19/2012 3:58 PM