

LEGEND

- 617 Existing Contour Interval
- Proposed Drainage Area Divide
- Proposed Drainage Flow Direction
- Proposed Drainage Watershed
Proposed Drainage Area, AC
Proposed Flow, cfs
- Proposed Inlet Label
- Proposed Inlet
- Proposed Storm Pipe

AREA X IS DIVERTED AROUND ALLEY 8 & BY BERM AND WILL OVERLAND FLOW TO THE EXISTING POND. UPON DEVELOPMENT OF PHASE 7B AND PHASE 7C AREA X WILL BE COLLECTED BY INLETS AND PIPED UNDERGROUND.

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

DRAINAGE THEORY

Rational Method: $Q=CIA$
 Q ~ runoff [c.f.s.]
 C ~ runoff coefficient
 I ~ Intensity [in/hr]
 [(100yr) = 9.8 in/hr]
 A ~ Area [acres]

AS-BUILT DRAWINGS: 7/20/12

TO THE BEST OF JBI PARTNERS, INC. KNOWLEDGE HEREBY STATES 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.

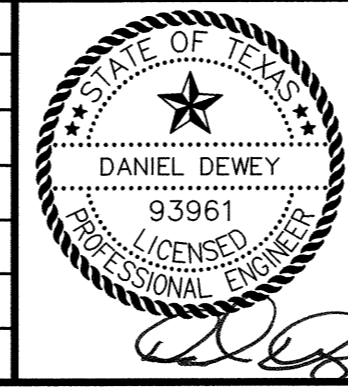
ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN.



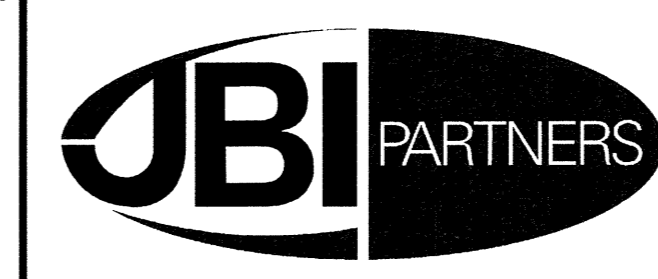
BENCHMARKS

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.



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DRAINAGE AREA MAP		PROJECT NO.
PHASE 7A		HOE132
Caruth Lakes Phase 7		SHEET NO.
City of Rockwall, Texas		9