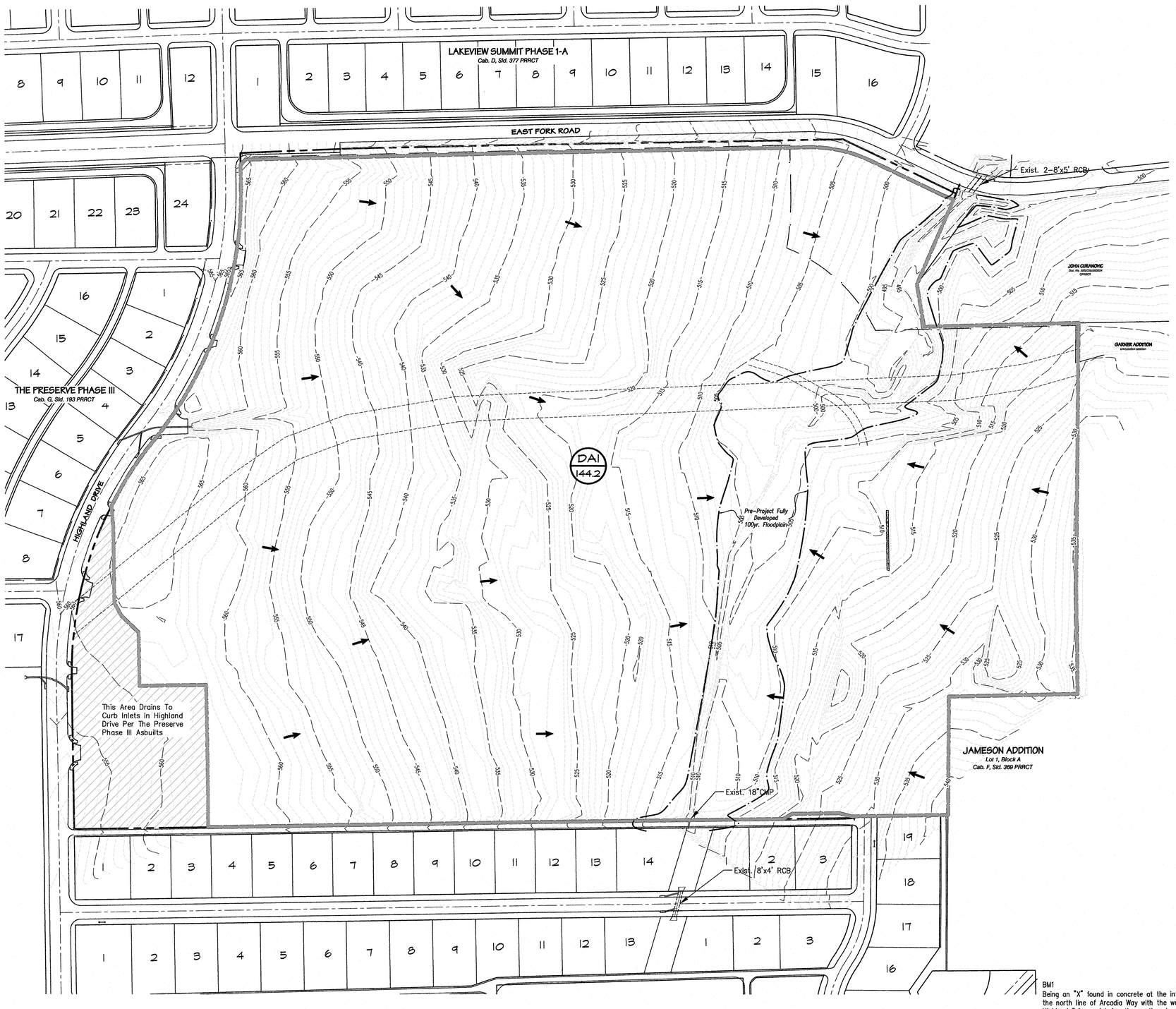

100 0 50 100 200

1 inch = 100ft.

Drainage Area Table						
Drainage Basin	Area (Acres) "A"	Runoff Coefficient "C"	Intensity (In./Hr.) "I"	Storm Design Frequency (Yr)	Time Conc. (Min.) "Tc"	Discharge (C.F.S.) "Q"
DA1	49.65	0.35	8.30	100	20	144.2

AS-BUILT DRAWINGS

THIS DRAWING HAS BEEN REVISED TO CONFORM TO THE CONSTRUCTION RECORDS PROVIDED BY THE CONTRACTOR. ALIGNMENT AND GRADES SHOWN ON THIS DRAWING WERE NOT FIELD VERIFIED BY THE ENGINEER.

Greg T. Helsel, P.E.

11/29/16

DATE

CAUTION !!!

EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

CALL 1-800-344-8377 (DIG-TESS) OR OTHER UTILITY LOCATION SERVICES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. SPIARS ENGINEERING, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES OR DEPICTING EXACT LOCATIONS OF UTILITIES ON DRAWINGS.

BM1
Being an "X" found in concrete at the intersection of the north line of Arcadia Way with the west line of Highland Drive and being the southeast corner of Lot 24, Block Q of the Preserve Phase III.
Elevation = 565.30

BM2
Being an "X" found in concrete at the intersection of the north line of East Fork Road with the west line of Calistoga Drive and being the southeast corner of Lot 16, Block X of Lakeview Summit, Phase One.
Elevation = 500.49

Legend

A / 10.69 = Area = Q_{100}

= Drainage Area Divide

560 = Existing Contours

560 = Proposed Contours

= Direction Of Flow

(34) = Inlet Number

Undeveloped

C = 0.35 I_{100} = 8.30 Tc = 20 min.

piars ENGINEERING
765 Custer Road, Suite 100 • Plano, TX 75075 • (972) 422-0077 • TBPE No. F-2121

STATE OF TEXAS
GREG T. HELSEL
120339
LICENSED PROFESSIONAL ENGINEER
10/26/15

THE PRESERVE PHASE 1
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS
EXISTING DRAINAGE AREA MAP

Issue Dates: 06-30-2015

Revisions | Date

Scale: 1"=100'

Drawn By: GD

Checked By: GTH

Sheet 29 of 62

SEI No. 13-141