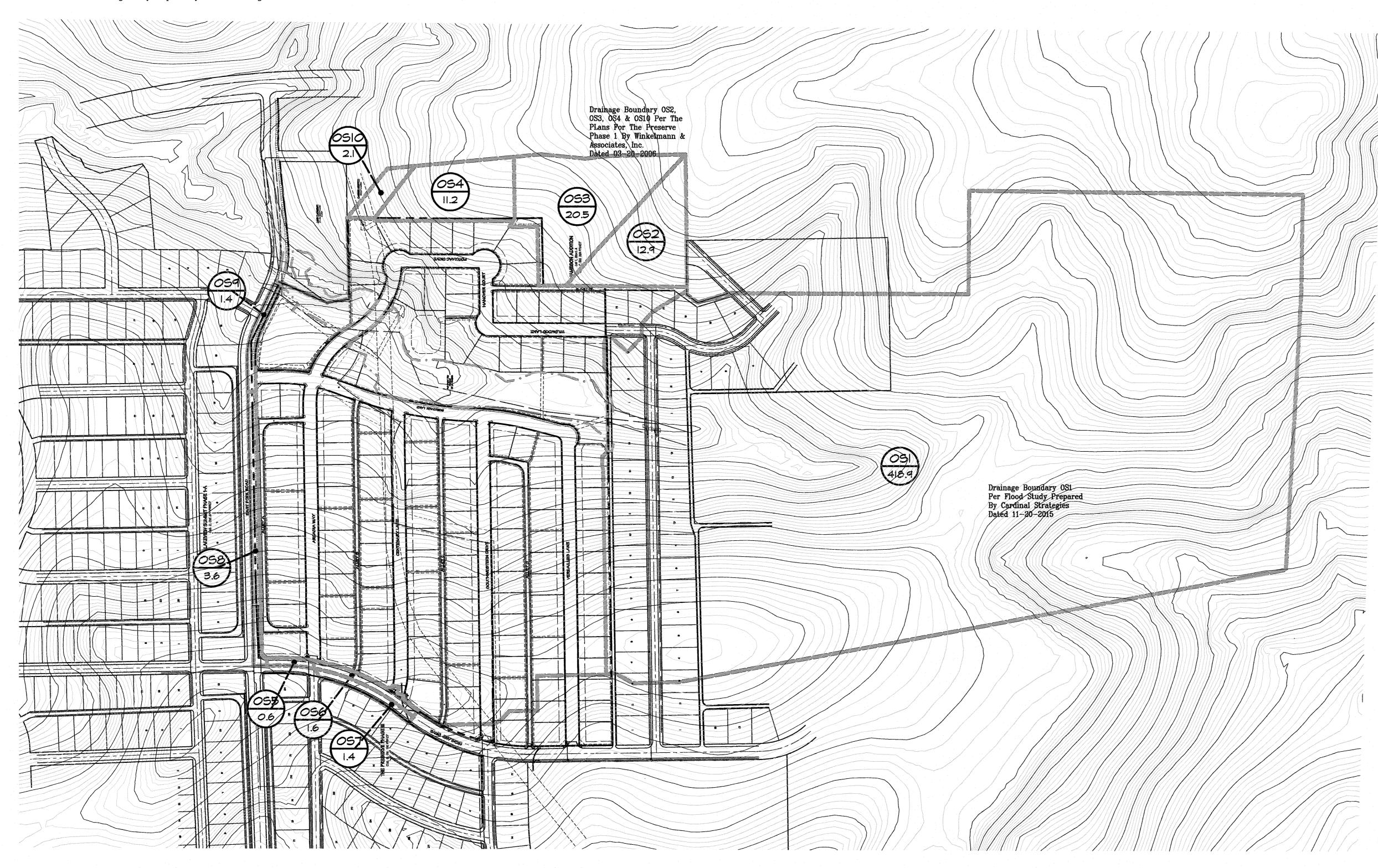
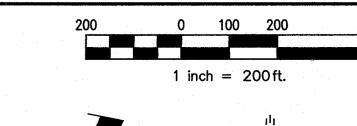
Drainage Area Table						
Drainage Basin	Area (Acres) "A"	Runoff Coefficient "C"	Intensity (In./Hr.)	Storm Design Frequency (Yr)	Time Conc. (Min.) "Tc"	Discharge (C.F.S.) "Q"
0S1	85.50	0.50	9.80	100	** 10	418.9
0S2	2.64	0.50	9.80	100	10	12.9
0S3	4.19	0.50	9.80	100	10	20.5
0S4	2.29	0.50	9.80	100	10	11.2
0\$5	0.12	0.50	9.80	100	10	0.6
0S6	0.32	0.50	9.80	100	10	1.6
0S7	0.28	0.50	9.80	100	10	1.4
0S8	0.74	0.50	9.80	100	10	3.6
0S9	0.29	0.50	9.80	100	10	1.4
0S10	0.44	0.50	9.80	100	10	2.1

\*\* Reference Drainage Study Prepared By Cardinal Strategies For Exact To







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765 Custer Road, Suit

11/29/16

SE

PRESERVE CITY OF ROCK CKWALL COUNT ALL DRAINAGE

**PHA** 

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

## CAUTION !!! EXISTING UTILITIES

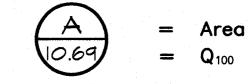
EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO 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



= Drainage Area Divide

= Existing Contours
= Proposed Contours
= Direction Of Flow

Inlet Number

Subdivision

C = 0.50  $I_{100} = 9.80$   $T_{c} = 10$  min.

Scale: 1"=200'

Drawn By: GD

Checked By: GTH

Sheet 30

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