

© JERRY TURNER & ASSOCIATES, INC. THIS DOCUMENT IS THE PROPERTY OF JERRY TURNER & ASSOCIATES. ALL RIGHTS ARE RESERVED AND ANY REPRODUCTION, REPRODUCTION, OR OTHER USE OF THIS DOCUMENT WITHOUT THE PRIOR PERMISSION OF JERRY TURNER & ASSOCIATES IS EXPRESSLY PROHIBITED.



JERRY TURNER & ASSOCIATES

LANDSCAPE ARCHITECTURE
LAND PLANNING
ENVIRONMENTAL DESIGN

905 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27608
(919) 651-7150

82 S.E. 6TH AVENUE
DELRAY BEACH, FLORIDA 33483
(407) 276-0453

PROJECT _____

**BROOKSTONE
PHASE VI-XIII**
CARY, NORTH CAROLINA

CONSULTING ENGINEER:

STUART M. JONES, P.E.
APEX, NC 27502
(919) 387-1774

REVISIONS _____

4/15/96 - EXISTING STRUCTURES,
DRAINAGE AREAS AND
405 AT 4E+10

CONSTRUCTION
DRAWINGS
PHASES VII - IX

DRAWN _____ CHECKED _____

SMJ

SCALE _____ DATE _____

1"=100' APRIL 13, 1996

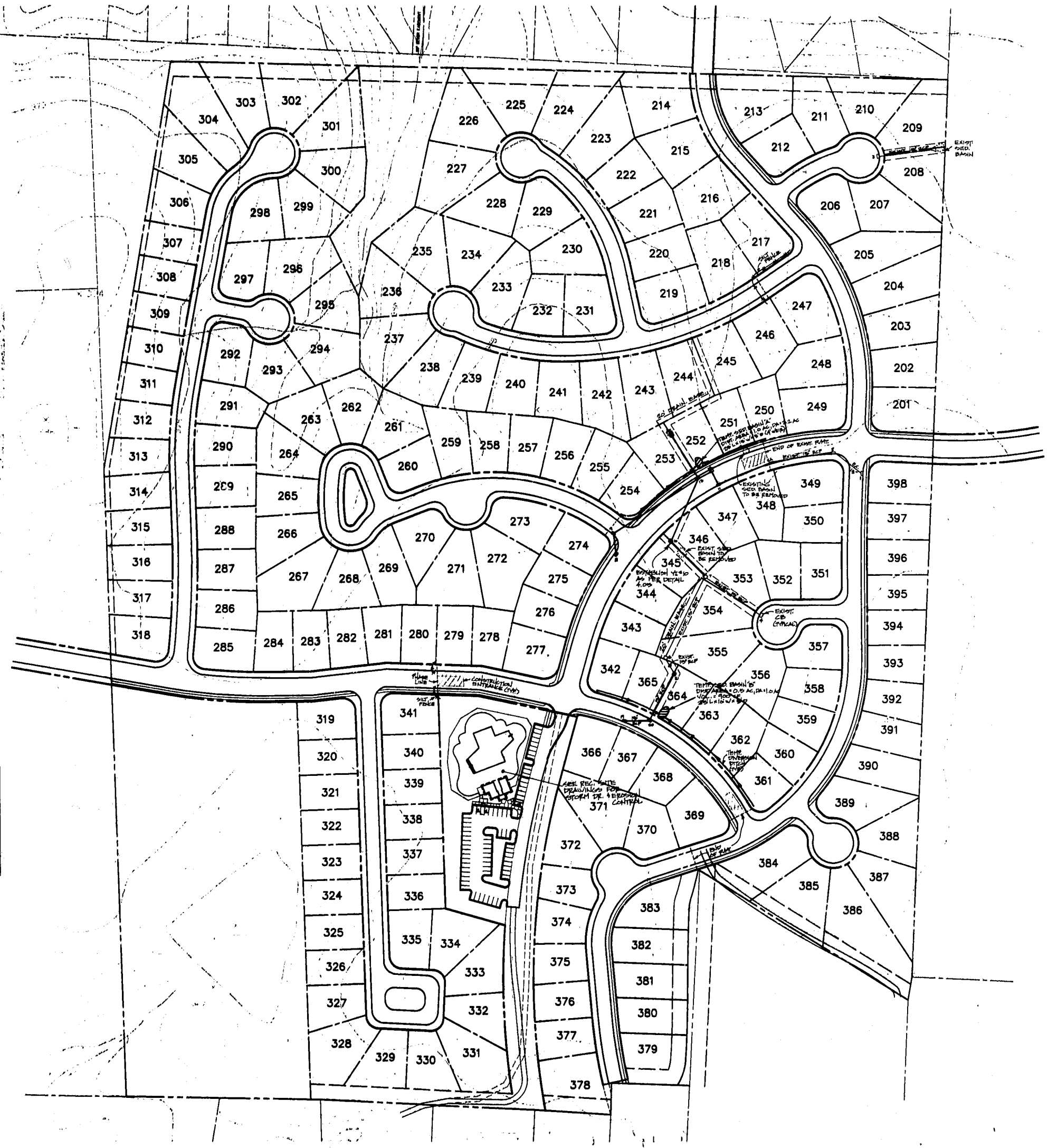
TITLE _____

STORM DRAINAGE
AND
EROSION CONTROL
PLAN

FILE NO. _____ JOB NO. _____

9412

SCALE _____ SHEET NO. _____



EROSION CONTROL NOTES:

1. All construction and materials shall conform to Town of Cary standards and specifications.
2. Place erosion control measures in best place based upon field conditions.
3. Owner is responsible for maintenance and installation of all temporary and permanent erosion control measures.
4. This project falls within the Jordan Lake watershed protection area, but by agreement with Town Stormwater Engineer, these phases do not require any watershed protection devices.
5. There is no FEMA mapped floodplain on this site.
6. Total disturbed area: Phase VII - 0.6 acres
Phase VIII - 1.4 acres (streets)
Phase VIII - 2.2 acres (rec site)
Total = 4.2 acres
7. This submittal is for the modifications to Phase VII, once approved, these plans will be combined with previously reviewed plans for Phase VIII into one approval.
8. Place block and gravel inlet protection around inlets 10 and 21, and install silt fence around all catch basins.

Brookstone Phases VII & VIII - Storm Drainage Data

Inlet #	Inlet Size (ft/ft)	Inlet Area (sq ft)	Total Dr. Area (ac)	C	Q10 (cfs)	Pipe (inches)	Min. Slope (%)
1	7.2	0.4	0.4	0.50	1.4	15	1.0
2	7.2	0.4	0.9	0.48	2.8	15	1.0
3	7.2	1.5	8.9	0.42	17.8	24	1.0
4	7.2	1.2	2.3	0.48	10.8	15	1.0
5	7.2	0.9	2.4	0.47	11.5	15	1.2
6	7.2	0.3	10.4	0.48	33.7	24	2.2
7	7.2	0.8	0.8	0.3	1.8	15	1.0
8	7.2	0.2	0.7	0.3	2.5	15	1.0
9	7.2	1.7	2.4	0.48	7.8	15	1.5
10	7.2	0.4	2.8	0.48	6.1	15	1.9