

Notes:

- All construction work and materials shall conform to Town of Cary Standards and Specifications.
- Field verify top elevations of all yard inlets and catch basins.
- Place erosion control structures in best locations based on field conditions.
- The total disturbed area is 2.2 acres (Rec Area).
- Install block and gravel inlet protection around yard inlets (Detail 4.13). Install silt fence around catch basins.
- The project falls within the Jordan Lake watershed protection area, but by arrangement with the Stormwater Engineer, this phase does not require any watershed protection devices.
- There is no FEMA mapped floodplain on this site.
- ESTIMATED SEWER FLOW:
700 Residents x 10 GPD/Person = 3,000 GPD

Brookstone Rec Site Area - Storm Drainage Data

Inlet #	Intensity (in/hr)	Inlet Dr. Area (ac)	Total Dr. Area (ac)	C	Q10 (cfs)	Pipe (inches)	Min. Slope(%)
14	7.2	1.7	1.7	0.35	4.3	12	1.4
15	7.2	0.1	0.1	0.45	0.3	12	1.0
16	7.2	0.1	0.2	0.45	0.6	12	1.0
17	7.2	0.4	2.4	0.50	8.5	18	1.0
18	7.2	1.0	3.4	0.50	12.2	18	1.4



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(919) 387-1174



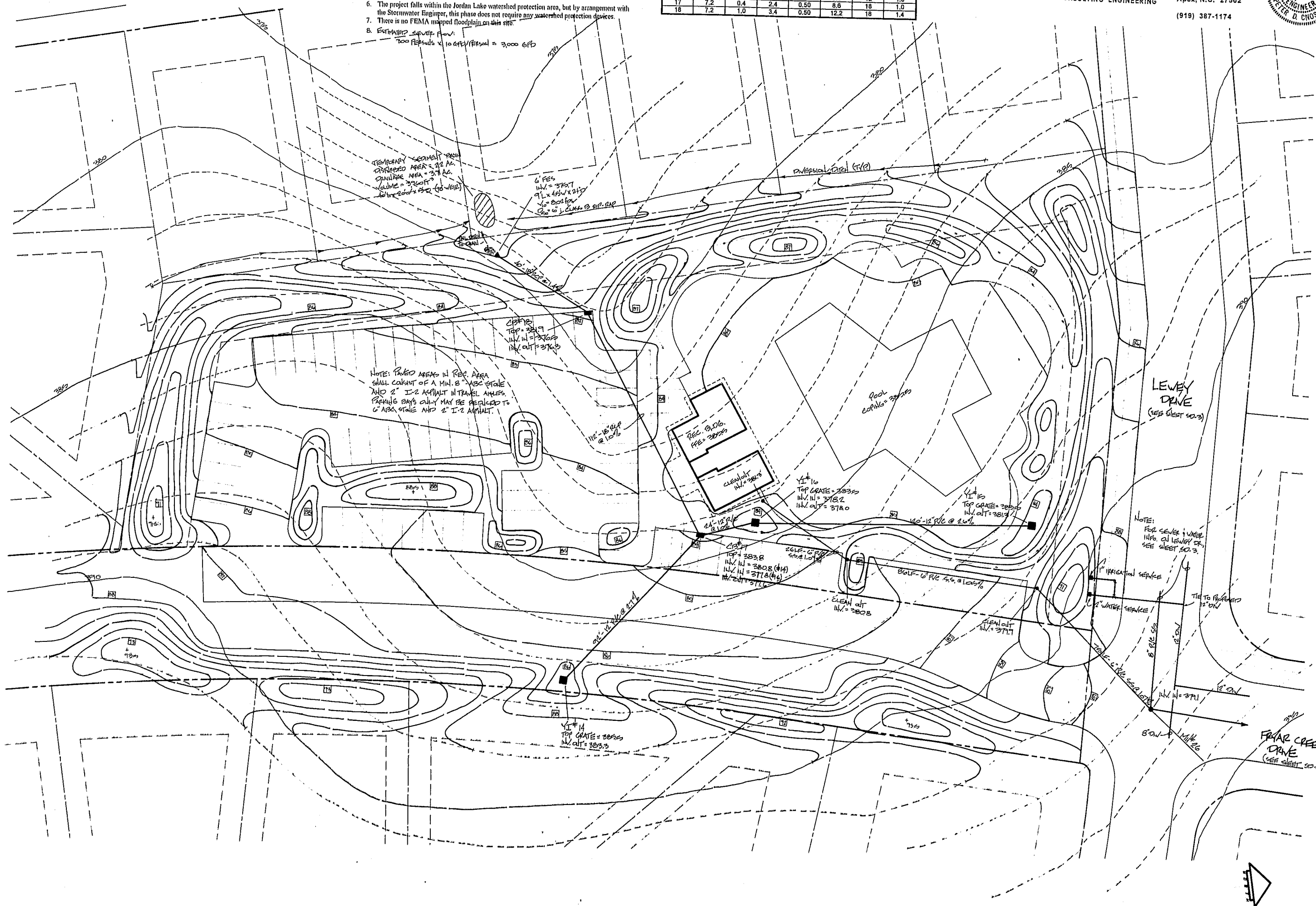
JERRY TURNER & ASSOCIATES

LANDSCAPE ARCHITECTURE
LAND PLANNING
ENVIRONMENTAL DESIGN

905 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
(919) 851-7150

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

BROOKSTONE RECREATION AREA
CARY, NORTH CAROLINA



REVISIONS:
3/19/96 Notes
4/2/96 Note & Title

DESIGNED BY: ML
TAS
SCALE: DATE
1"=20' 2/23/96

GRADING, UTILITY & EROSION CONTROL PLAN
CONSTRUCTION DRAWINGS
PAGE VIII

FILE NO.: 7412
JOB NO.: 2102.02
DATE: 2/23/96
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