

**ACS  
DESIGN**

ENGINEERING • SURVEYING  
LANDSCAPE ARCHITECTURE  
CONSTRUCTION MANAGEMENT

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THE Coves at Smith Mountain Lake

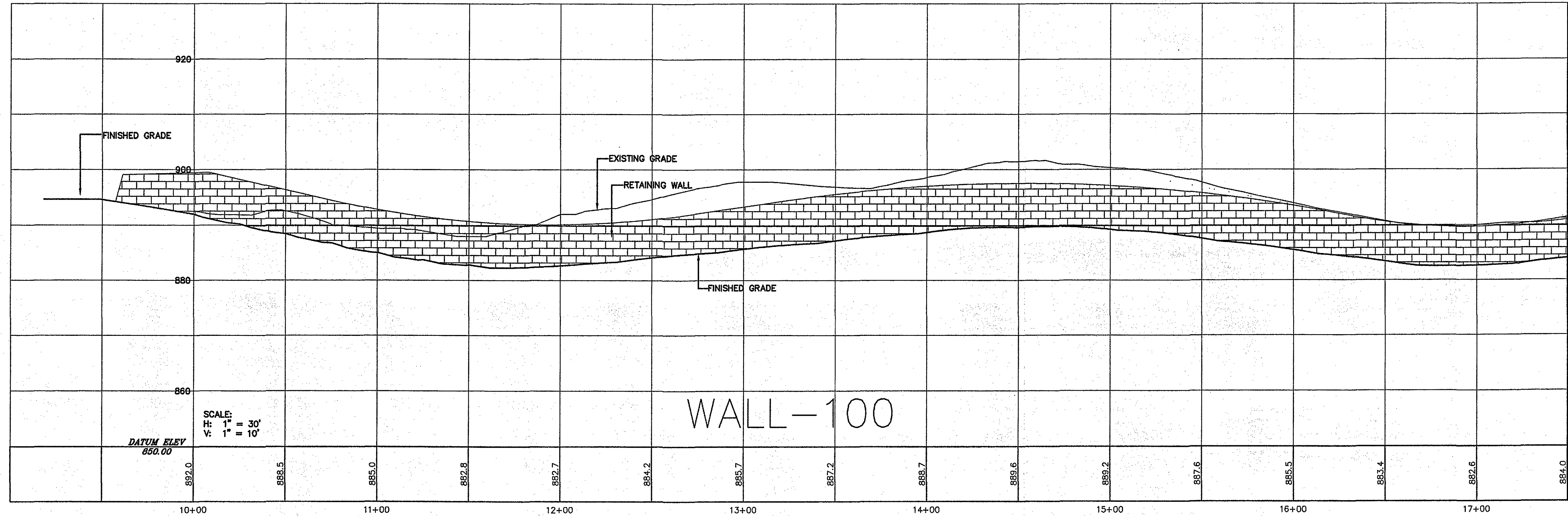
**The Coves at Smith Mountain Lake**  
**Optima Properties-Smith Mountain Lake, LLC**  
**Franklin County, Virginia**

DRAWN BY: dne  
DESIGNED BY: dne  
CHECKED BY: XXX  
DATE: 15 May 2006  
JOB NUMBER: 06271

REVISIONS:	
No. 1	04/16/2007
Grading Plan Revisions	
No. 2	05/11/2007
GRADING PLAN REVISIONS	
No. 3	
No. 4	

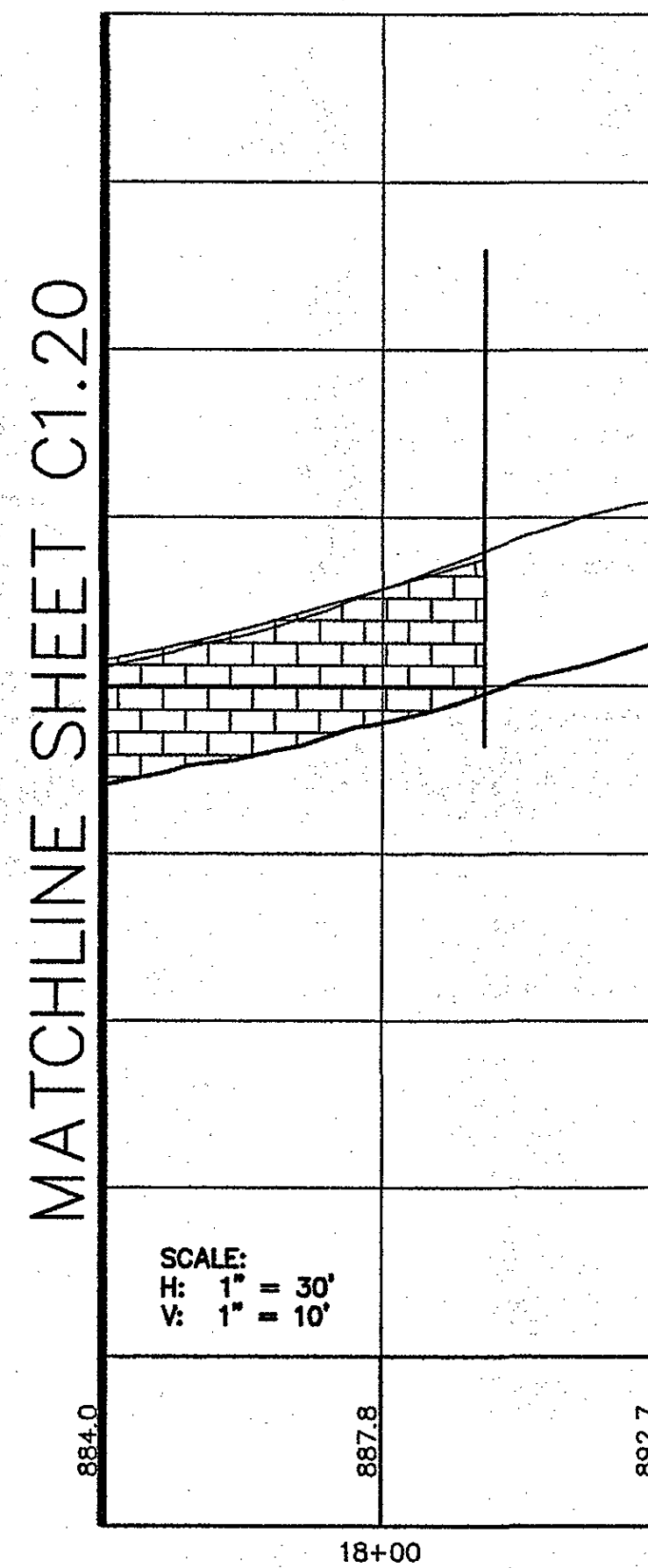
SHEET NO:  
**C1.20**

Retaining Wall  
Profiles

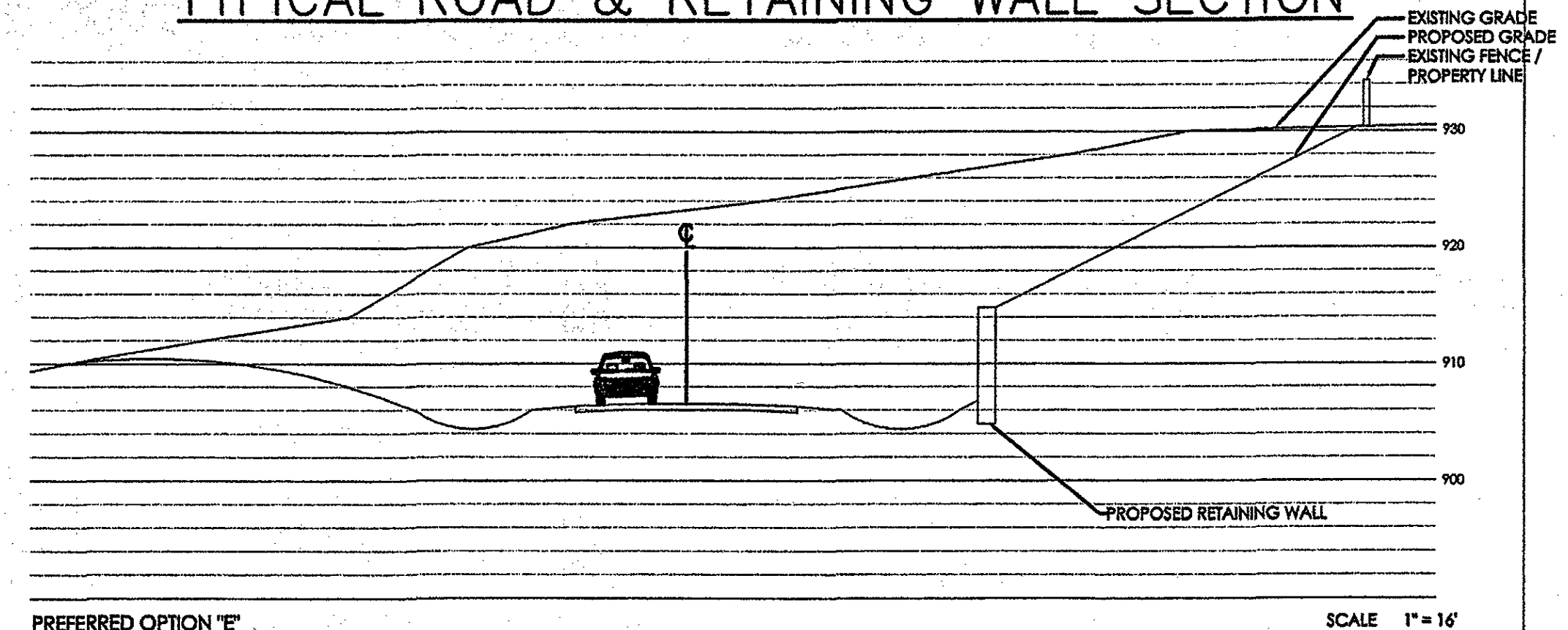


RETAINING WALL GENERAL NOTES:

1. REFER TO SITE PLAN FOR LOCATION OF PROPOSED RETAINING WALLS.
2. RETAINING WALLS SHOWN IN PROFILE ARE CONSIDERED MAJOR SITE RETAINING WALLS DUE TO PROPOSED HEIGHT, LENGTH, AND LOCATION. THE SITE PLAN WILL REFLECT THE LOCATION OF SMALLER UNNAMED WALLS THAT SHALL BE CONSTRUCTED BASED UPON FIELD GRADING CONDITIONS.
3. RETAINING WALL CONTRACTOR SHALL SUBMIT ENGINEERED DRAWINGS FOR EACH RESPECTIVE RETAINING WALL HAVING A HEIGHT GREATER THAN 6 FEET. ENGINEERED DRAWINGS SHALL BE SUBMITTED TO ACS DESIGN FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
4. RETAINING WALLS SHALL REFLECT GABION STYLE DESIGN. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH SPECIFIC GABION FILL MATERIALS FOR REVIEW AND APPROVAL. THE OWNER SHALL HAVE FINAL APPROVAL AUTHORITY RELATIVE TO GABION MATERIAL AND COLOR SELECTION.
5. REFER TO PROJECT SPECIFICATIONS FOR GABION WALL CONSTRUCTION
6. THE CONTRACTOR SHALL SUBMIT AN ALTERNATE BID ITEM FOR RETAINING WALL CONSTRUCTION USING SEGMENTAL OR MODULAR RETAINING WALL. OWNER SHALL SELECT MATERIAL AND COLOR. WALLS SHALL USE THE VERSA-LOCK SYSTEM OR APPROVED EQUAL.



TYPICAL ROAD & RETAINING WALL SECTION



PREFERRED OPTION 'E'

- NOTES:
1. ROAD CUT @ STA. PT. 26.87 CLIFFS DRIVE
  2. (1) 8' TALL GABION WALL WITH 1:2 SLOPE AT TOP OF WALL
  3. EASING OF CUT ON LAKE SIDE OF ROAD