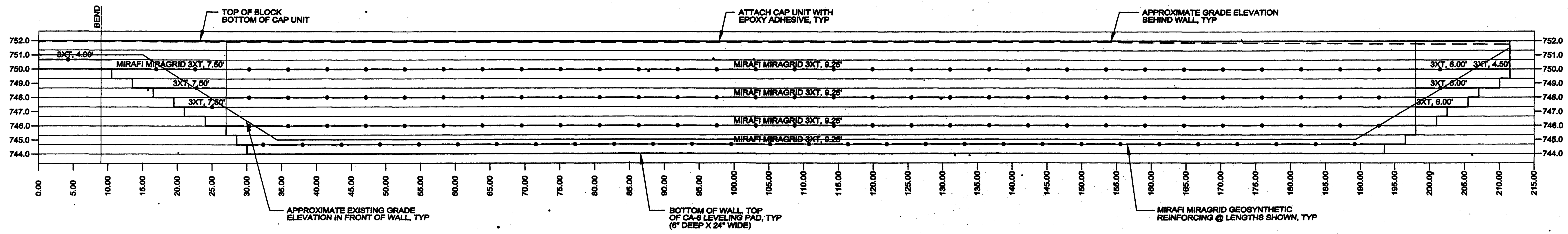


- DRAWING NOTES:**
- DESIGN IS BASED ON C.M. LAVOIE & ASSOCIATES, INC. DRAWING 8 OF 12 DATED 05/18/05. THE CONTRACTOR SHALL REFERENCE THAT DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR ADDITIONAL INFORMATION (SUCH AS LIGHT POSTS, FENCE OR TREES NOT SHOWN ON THE REFERENCED DRAWING) PRIOR TO CONSTRUCTION.
  - A GLOBAL STABILITY ANALYSIS OF THE RETAINING WALLS HAS BEEN PERFORMED FOR THE PRODUCTION OF THESE RETAINING WALL DOCUMENTS BASED UPON THE SOIL INFORMATION OUTLINED BELOW. THE FACTOR OF SAFETY IS 1.3 MINIMUM.
  - FOR PURPOSES OF DESIGNING THE WALLS FOR INTERNAL, EXTERNAL AND FACING STABILITY, THE SITE SOIL HAS BEEN ASSUMED TO HAVE AN INTERNAL ANGLE OF FRICTION OF 27° WITHOUT THE USE OF ANY COHESION. FOR THE GLOBAL STABILITY ANALYSIS, AN ANGLE OF FRICTION OF 27° AND A COHESION OF 40 PSF HAS BEEN ASSUMED. SITE SOIL SHALL HAVE A MINIMUM ALLOWABLE BEARING CAPACITY OF 3,000 PSF. THE ABOVE PARAMETERS ARE ASSUMED TO EXIST IN THE FOUNDATION, REINFORCED AND RETAINED SOIL ZONES. NO SOILS INFORMATION HAS BEEN PROVIDED TO THE ENGINEER AT THIS TIME. IT IS THE RESPONSIBILITY OF THE OWNER AND/OR THE PROJECT GEOTECHNICAL ENGINEER TO INVESTIGATE AND CONFIRM THE ABOVE VALUES AS APPROPRIATE FOR THE DESIGN, AND TO INFORM THE ENGINEER IF THE DESIGN REQUIRES ALTERATION FOR LESS FAVORABLE PARAMETERS.
  - THE RETAINING WALLS ARE DESIGNED FOR A UNIFORM PRESSURE/LIVE LOAD SURCHARGE OF 80 PSF.
  - GEOSYNTHETIC REINFORCING SHALL BE MIRAFI MIRAGRID 3XT AS INDICATED ON THE PANEL ELEVATIONS.
  - WALLS FOR THE DETENTION BASIN ARE DESIGNED ASSUMING A 36" PERCHED WATER PRESSURE.
  - THE GENERAL CONTRACTOR SHALL FORWARD THESE DRAWINGS TO ALL PARTIES RESPONSIBLE FOR THE DESIGN OF THIS SITE.
- CSDI NO. 05035

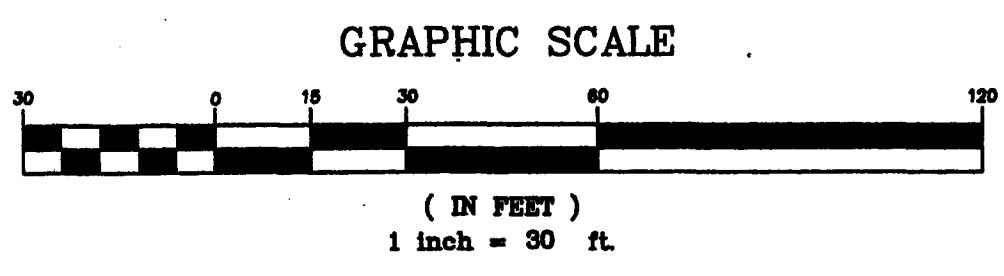
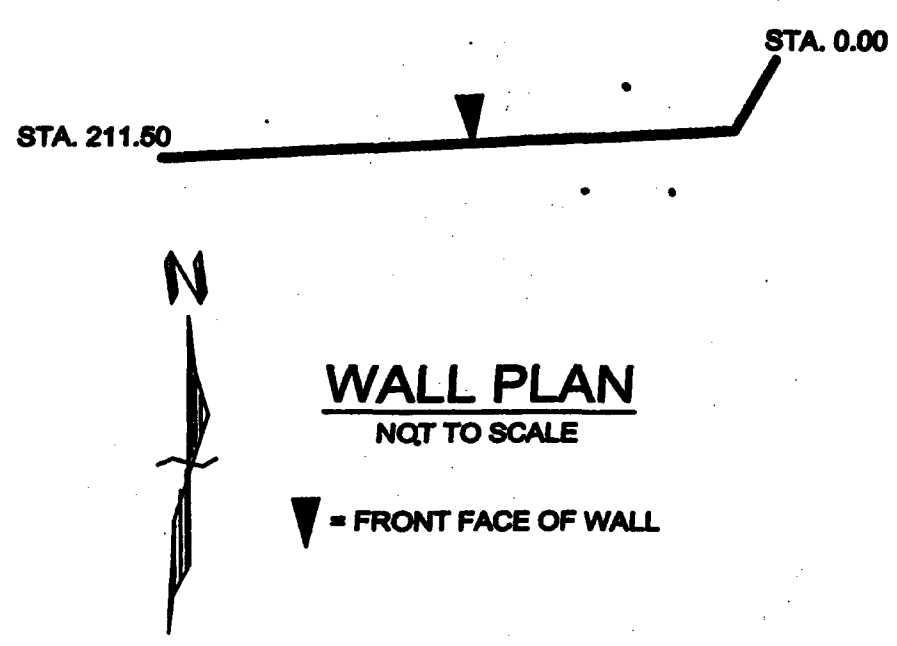


**FRONT PANEL ELEVATION OF WALL**  
(HORIZONTAL SCALE: 1/8" = 1'-0")  
(VERTICAL SCALE: 1/4" = 1'-0")

**APPROXIMATE QUANTITIES**

CAP:	71 SF
BLOCK:	1,515 SF
REINFORCING (3XT):	770 SY
3/4" DRAINAGE AGGREGATE:	87 CY
BASE COURSE (CA-6):	8.5 CY

(NOTE: DRAINAGE AGGREGATE INCLUDES INFILL)



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12 10-24-06 PER VILLAGE REVIEW

**NELSON MEADOW**  
WEST SIDE OF CARPENTER STREET  
DOWNERS GROVE, ILLINOIS

11 7-21-06 PER VILLAGE REVIEW  
10 5-23-06 PER VILLAGE REVIEW  
9 4-5-06 PER VILLAGE REVIEW

**RETAINING WALL PANEL ELEVATION**

DRAWN BY: MJM CHECKED BY: MJM  
SCALE: N.T.S. DATE: 08-01-05  
JOB NUMBER: 04-239 SHEET 17 OF 17

#	DATE	DESCRIPTION
1	2-16-05	PER VILLAGE & CLIENT REVIEW
2	4-12-05	PER VILLAGE & SANITARY DISTRICT
3	6-02-05	PER VILLAGE REVIEW
4	7-01-05	PER VILLAGE REVIEW
5	8-08-05	PER VILLAGE REVIEW
6	9-15-05	PER VILLAGE REVIEW
7	9-28-05	PER VILLAGE REVIEW
8	12-05-05	PER VILLAGE REVIEW

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