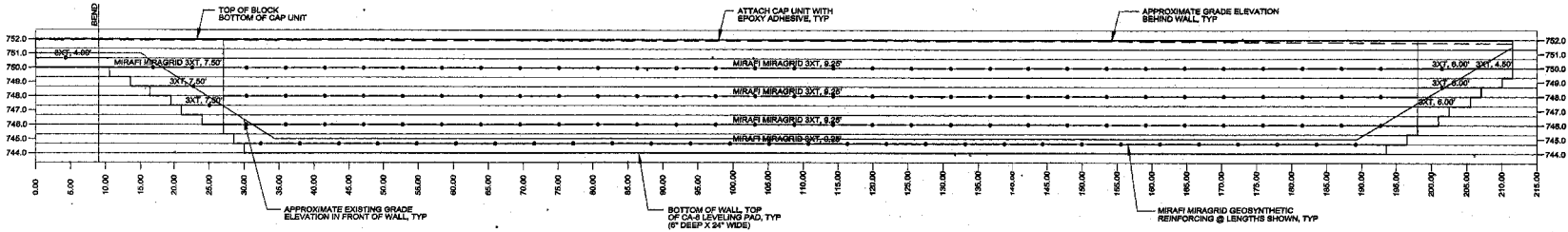


- DRAWING NOTES:**
1. DESIGN IS BASED ON C.M. LAVOIE & ASSOCIATES, INC. DRAWING 8 OF 1 DATED 06/18/06. THE CONTRACTOR SHALL REFERENCE THIS DRAWING AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR ADDITIONAL INFORMATION (SUCH AS LIGHT POLES, FENCE OR TREES NOT SHOWN ON THE REFERENCED DRAWING) PRIOR TO CONSTRUCTION.
 2. 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.
 3. 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 SOIL 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.
 4. THE RETAINING WALLS ARE DESIGNED FOR A UNIFORM PRESSURE/WEIGHT LOAD BURCHARGE OF 50 PSF.
 5. GEOSYNTHETIC REINFORCING SHALL BE MIRAFIX MIRAGRID SXT AS INDICATED ON THE PANEL ELEVATIONS.
 6. WALLS FOR THE DETENTION BASH ARE DESIGNED ASSUMING A 30° PERCHED WATER PRESSURE.
 7. THE GENERAL CONTRACTOR SHALL FORWARD THESE DRAWINGS TO ALL PARTIES RESPONSIBLE FOR THE DESIGN OF THIS SITE.
- CS&N NO. 05035

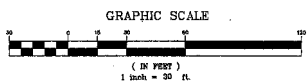
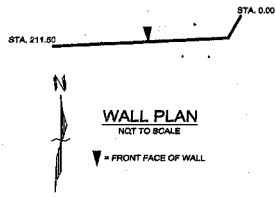


FRONT PANEL ELEVATION OF WALL
(HORIZONTAL SCALE: 1/8" = 1'-0")
(VERTICAL SCALE: 1/4" = 1'-0")

APPROXIMATE QUANTITIES

CAP	71 SF
BLOCK	1,515 SF
REINFORCING (SXT)	770 LB
3/4" DRAINAGE AGGREGATE	67 CY
BASE COURSE (CA-8)	8.5 CY

(NOTE: DRAINAGE AGGREGATE INCLUDES INFILL)



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NELSON MEADOW 11 7-21-06 PER VILLAGE REVIEW
10 5-23-06 PER VILLAGE REVIEW
9 6-1-06 PER VILLAGE REVIEW

WEST SIDE OF CARPENTER STREET
DOWNERS GROVE, ILLINOIS

RETAINING WALL PANEL ELEVATION DRAWN BY: MJM CHECKED BY: MJM
SCALE: N.T.S. DATE: 08-01-06

JOB NUMBER:	SHEET
04-89	17 OF 17

Consulting Civil Engineers
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C.M. Lavoie
& Associates, Inc.

JOB NUMBER:	DATE	REVISION
1	2-18-03	PER VILLAGE & CLIENT REVIEW
2	4-22-03	PER VILLAGE & SANITARY DISTRICT
3	6-28-05	PER VILLAGE REVIEW
4	7-01-05	PER VILLAGE REVIEW
5	8-15-05	PER VILLAGE REVIEW
6	8-26-05	PER VILLAGE REVIEW
7	9-22-05	PER VILLAGE REVIEW