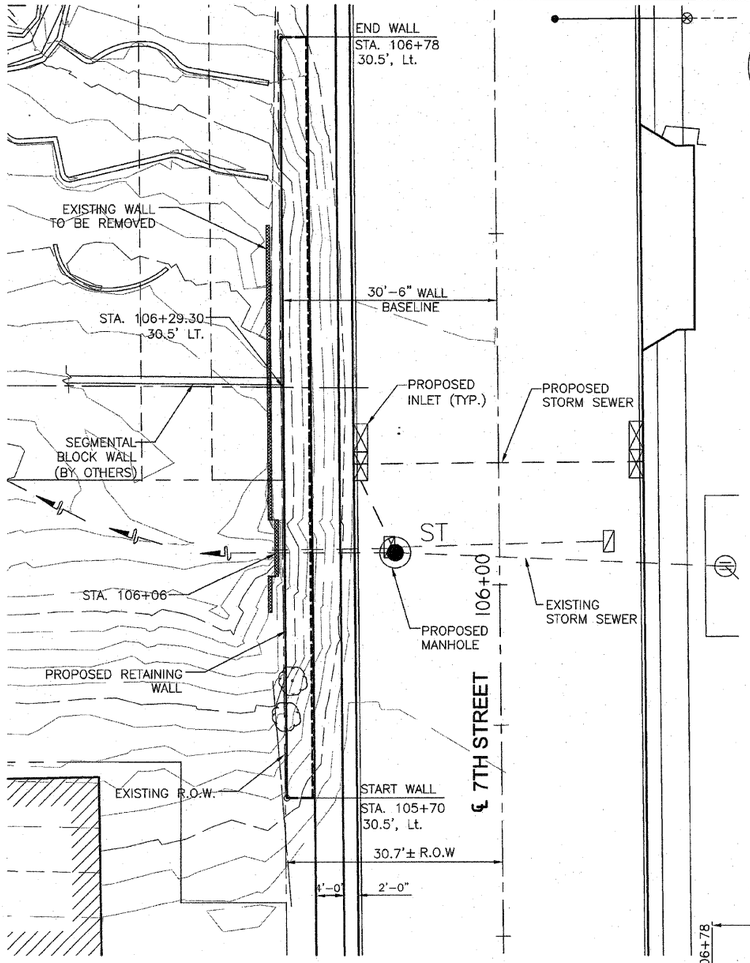
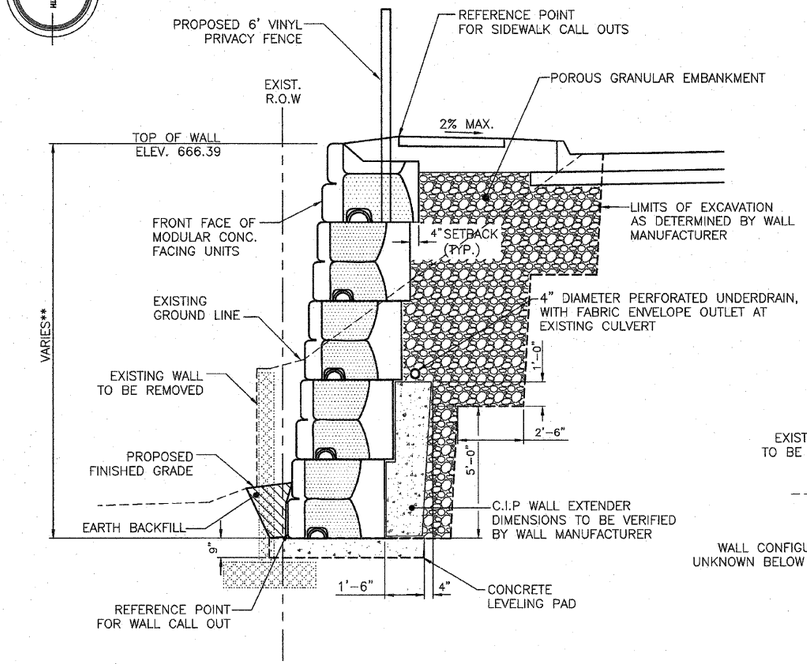
85460



PLAN-RETAINING WALL

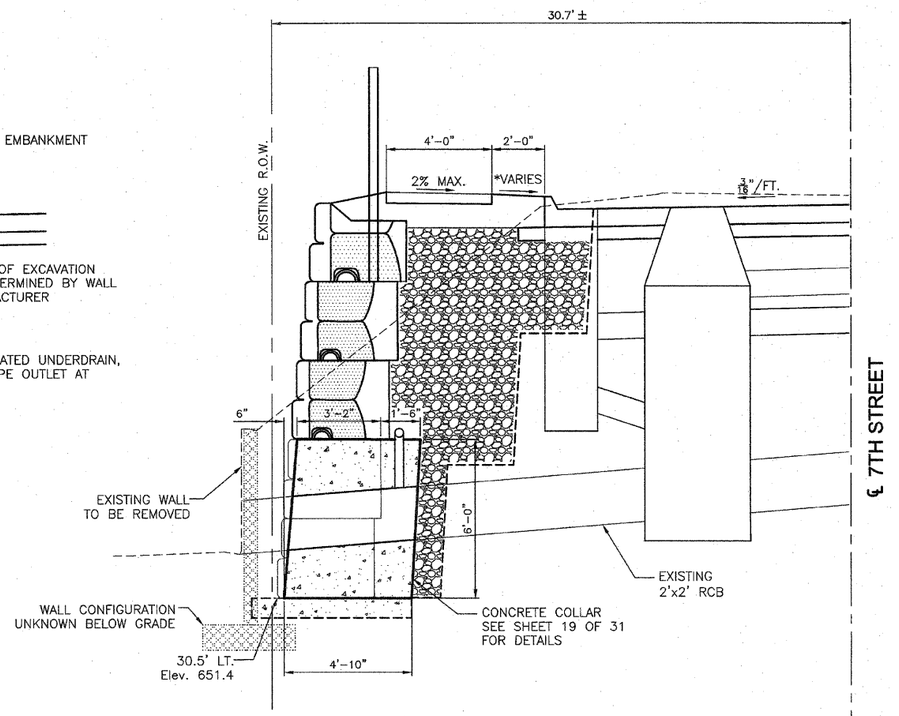
SCALE 1" = 10'-0"



TYPICAL SECTION-RETAINING WALL

SCALE 3/8" = 1'-0"

NOTE: COORDINATE COLOR AND PATTERN WITH ENGINEER PRIOR TO ORDERING MATERIALS



SECTION-RETAINING WALL STA. 106+06

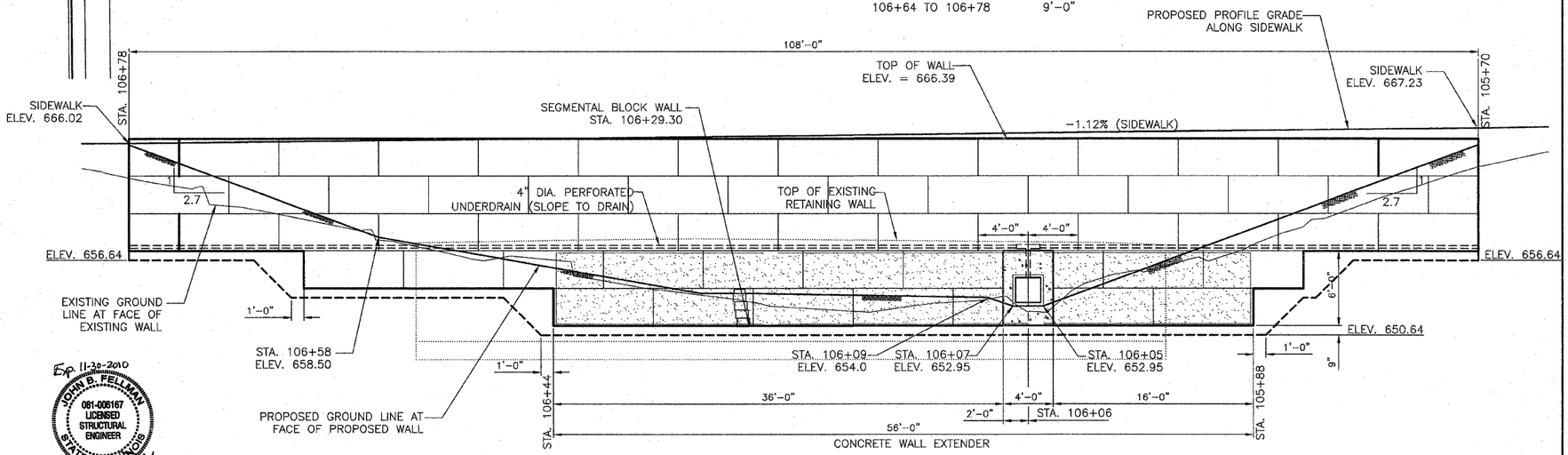
SCALE 3/8" = 1'-0"

**STA.	WALL HEIGHT
105+70 TO 105+84	9'-0"
105+84 TO 105+88	12'-0"
105+88 TO 106+44	15'-0"
106+44 TO 106+64	12'-0"
106+64 TO 106+78	9'-0"

*6% STA. 106+78
0% STA. 105+70

BILL OF MATERIAL

PRECAST MODULAR RETAINING WALL	SQ.FT.	1,380
RETAINING WALL REMOVAL	SQ.FT.	480
PIPE UNDERDRAINS, 4" SPECIAL	FOOT	111
CONCRETE COLLAR	CU.YD.	4.0
REINFORCEMENT BARS	POUND	160
BOX CULVERT REMOVAL	FOOT	2.0
POROUS GRANULAR EMBANKMENT	TONS	410



ELEVATION-RETAINING WALL

SCALE 1"=20'-0"

Exp. 11-30-2010
JOHN B. FELLMAN
061-006167
LICENSED
STRUCTURAL
ENGINEER
STATE OF ILLINOIS
5-12-2009

Missman
STANLEY & ASSOCIATES, P.C.

A08X010

CITY OF MOLINE
DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION
3635 4TH AVENUE, MOLINE, IL 61265
(309) 797-0700

CITY ENGINEER - SCOTT HINTON, P.E.

PLAN AND SECTIONS

PRECAST MODULAR RETAINING WALL

Date	Revision

Date 5/12/2009	Sheet 18 OF 34
Scale AS NOTED	
MFT PROJ. #	DESIGNER JBF

Stone Strong, 5/12/2009 4:01:24 PM