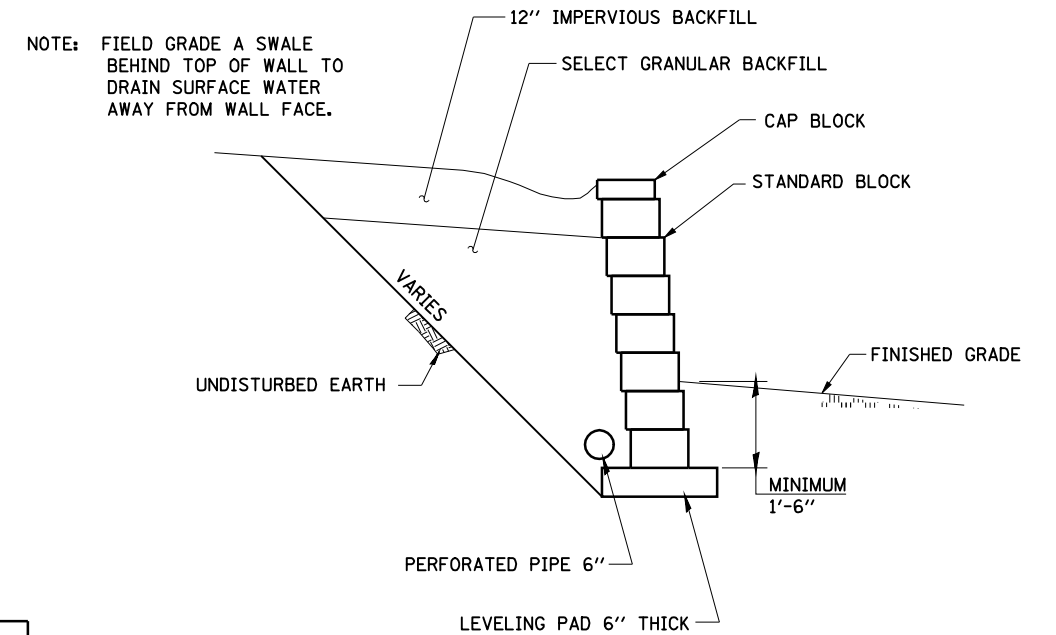
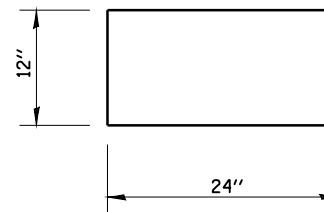


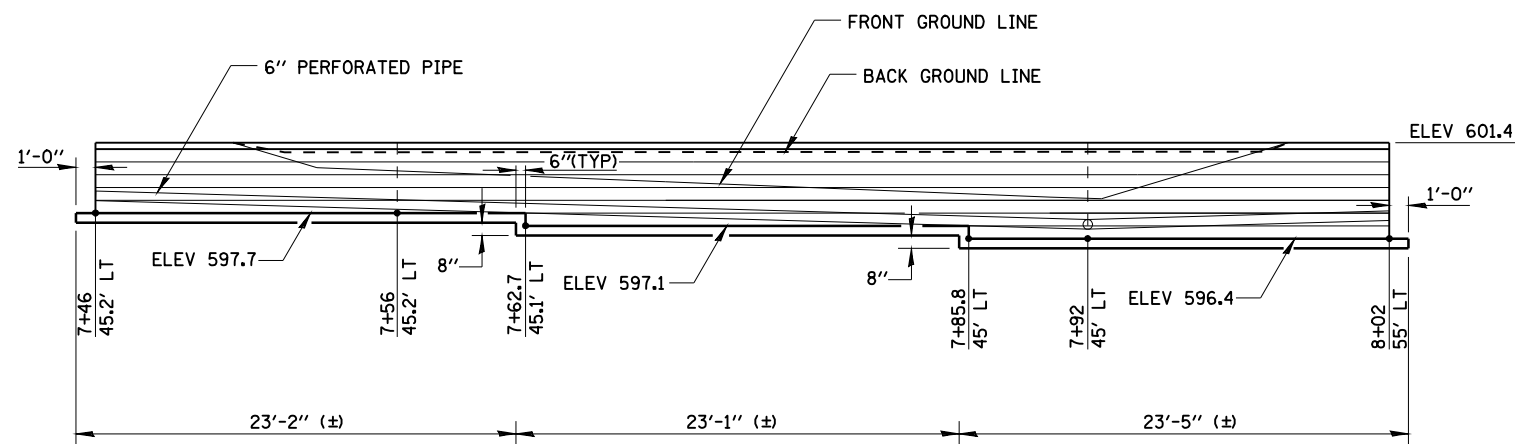
PLAN VIEW



TYPICAL WALL SECTION



MAXIMUM BLOCK FACE DIMENSION



ELEVATION VIEW

(UNFOLDED ELEVATION VIEW ALONG FRONT FACE OF WALL)

QUANTITIES

SEGMENTAL CONCRETE BLOCK WALL 292 SQ FT

NOTE: THE COST OF THE EXCAVATION, BACKFILL, DRAIN PIPE, AND LEVELING PAD ARE INCLUDED IN THE COST FOR SEGMENTAL CONCRETE BLOCK WALL.

THE COLOR OF THE BLOCK SHALL MATCH THE COLOR OF THE EXISTING LANDSCAPING BLOCKS AS CLOSELY AS POSSIBLE.

THE CONTRACTOR IS RESPONSIBLE FOR THE SELECTION AND DESIGN OF AN APPROPRIATE WALL SYSTEM ACCORDING TO THE SPECIAL PROVISION FOR SEGMENTAL CONCRETE BLOCK WALL. THE CONTRACTOR SHALL SUBMIT THE REQUIRED SHOP PLANS AND DESIGN CALCULATIONS TO THE ENGINEER. NO WORK OR ORDERING OF MATERIALS SHALL BE DONE UNTIL THE PROPOSED DESIGN AND MATERIALS ARE APPROVED BY THE ENGINEER IN WRITING.

GEOTECHNICAL DESIGN DATA

RETAINED SOIL: SILTY CLAY
 $\gamma = 120$ pcf
 $C = 0$ $\phi = 26^\circ$
 BEARING CAPACITY:
 $Q_{ALLOWABLE} = 1.2$ tsf

FILE NAME = C:\Projects\d652204\cummins_final\d67289-sht-details.dgn	USER NAME = laughlinr1	DESIGNED - AAN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BLOCK WALL DETAIL				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 10.0000' / IN.	CHECKED - NAK	DRAWN - AJH	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	662	2-2(RS) & 3-1, 2(RS-10, TS-5)	SANGAMON	181	135
PLOT DATE = Mar-18-2008 11:43:44AM	DATE - 2/13/08	REVISOR -	REVISOR -		CONTRACT NO. 72889									
												FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	