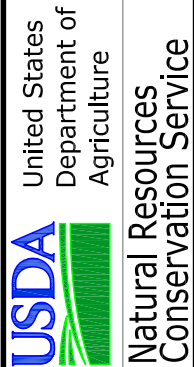


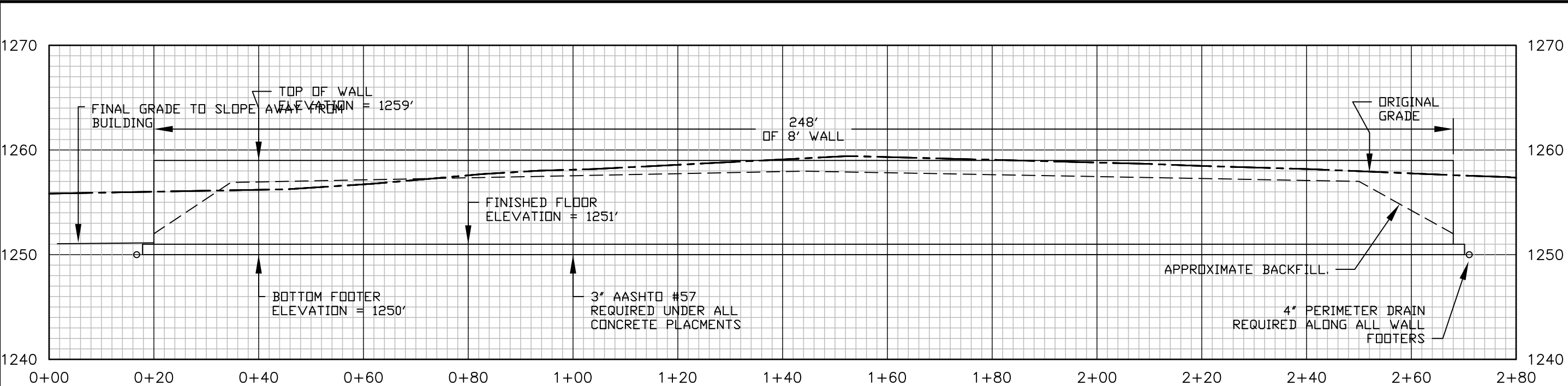
CASSILYN SCHWEIGHOFER
40 SCALE PLAN VIEW



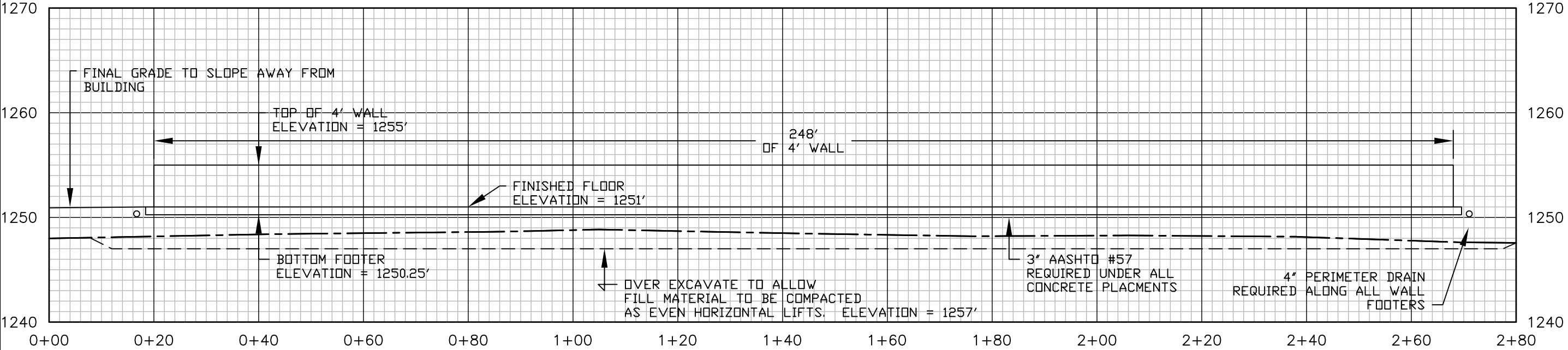
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SHEET	OF

DESIGNED	DATE
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APPROVED	

WAYNE COUNTY, PA



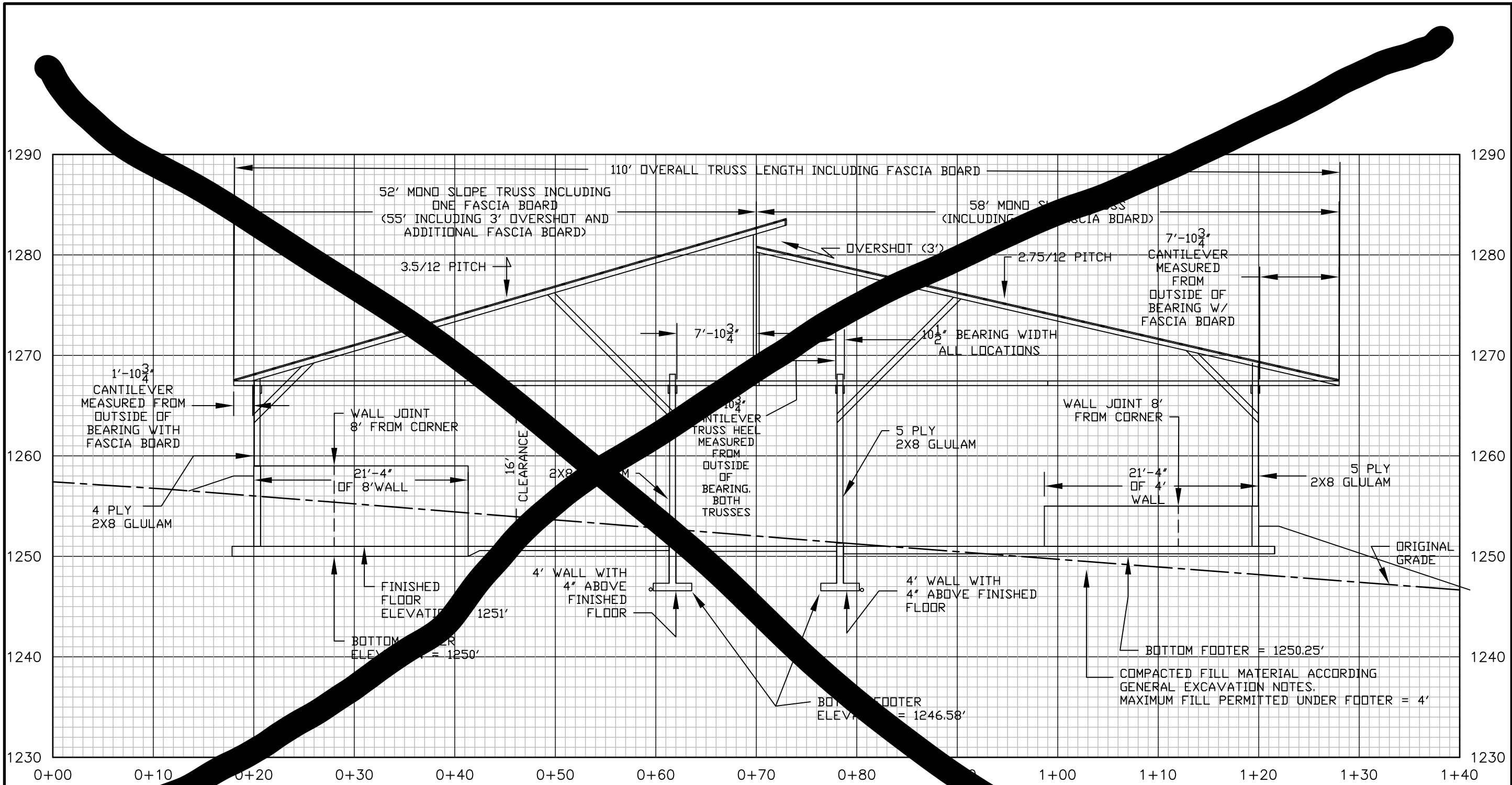
1 PROFILE



2 PROFILE

 United States Department of Agriculture Natural Resources Conservation Service	FILE NO.	DATE
	DRAWING NO.	DESIGNED
	SHEET	DRAWN
	OF	CHECKED
WAYNE COUNTY, PA		APPROVED

CASSILYN SCHWEIGHOFER
PROFILE 1 & 2



3 PROFILE

Please see Profile 3 Revised Drawing

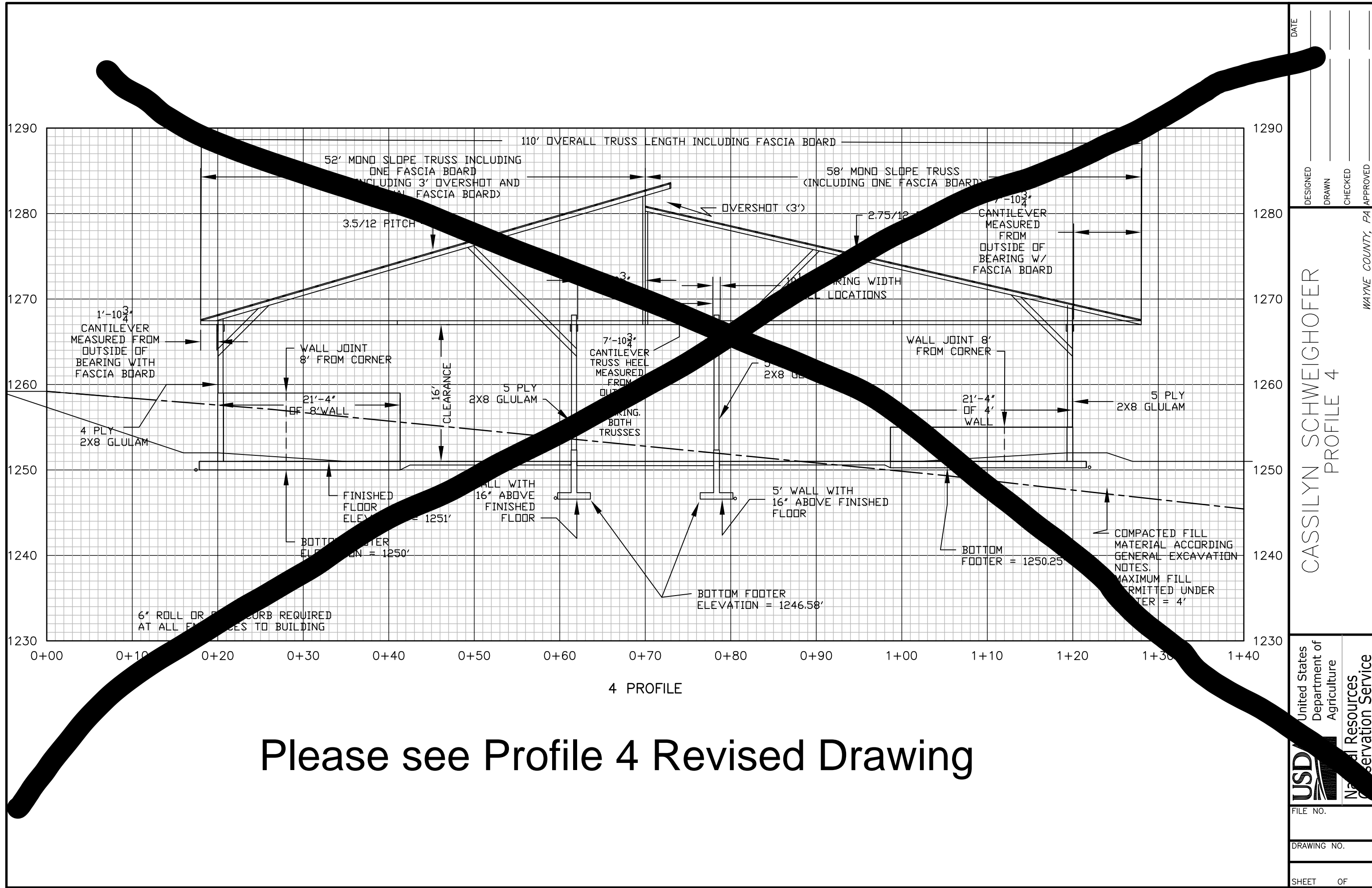
DATE	DESIGNED	DRAWN	CHECKED	APPROVED

United States
Department of
Agriculture

CASSILYN SCHWEIGHOFER
PROFILE 3

Wayne County, PA

FILE NO.	
DRAWING NO.	
SHEET	OF



Please see Profile 4 Revised Drawing

CASSILYN SCHWEIGHOFER
PROFILE 4

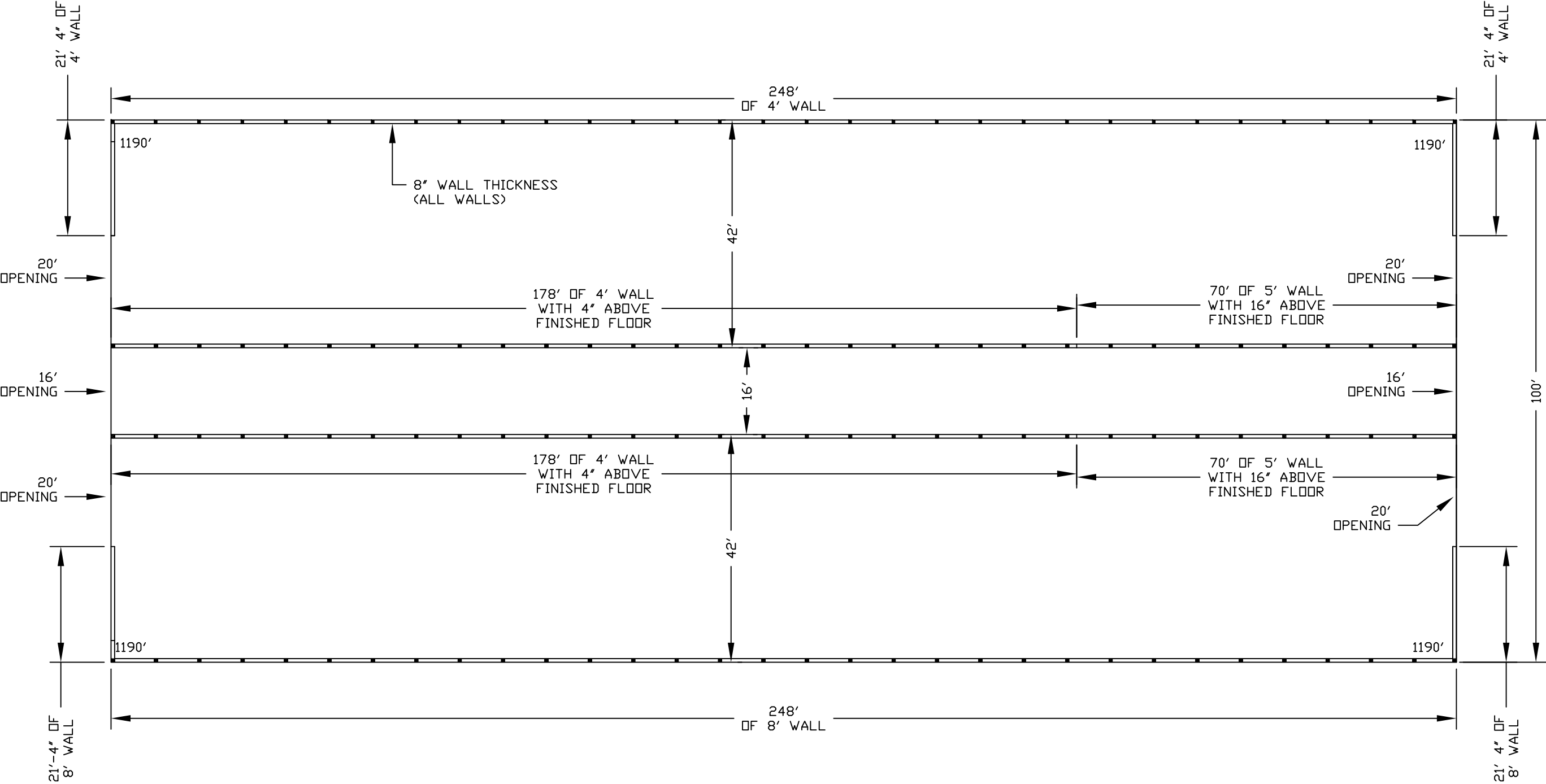


FILE NO.
DRAWING NO.
SHEET OF

DATE
DESIGNED
DRAWN
CHECKED
APPROVED

WAYNE COUNTY, PA

3" AASHTO #57 STONE REQUIRED
UNDER ALL CONCRETE PLACEMENTS.
6" ROLL CURB REQUIRED AT ALL
OPENINGS.



CASSILYN SCHWEIGHOFER
CONCRETE LAYOUT



FILE NO. _____

DRAWING NO. _____

SHEET _____ OF _____

DESIGNED _____

DRAWN _____

CHECKED _____

APPROVED _____

DATE _____

WAYNE COUNTY, PA

Gravity Flow

Project Name: CASSY SCHWEIGHOFOR
Project Description: _____

Location: 10" FINAL OUTLET
Practice: 620

Designed by: aw

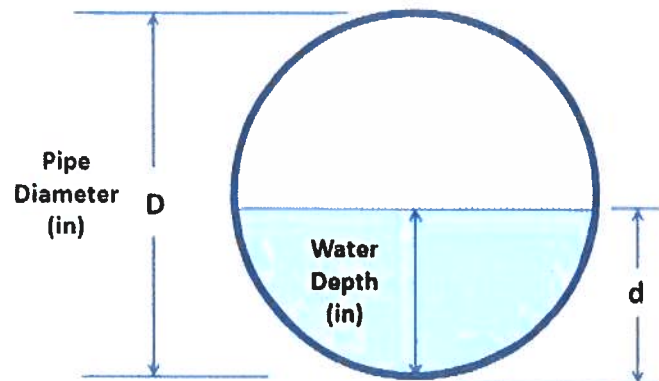
Date: _____

Checked by: _____

Date: _____

Approved by: _____

Date: _____



$$Q = \frac{1.486}{n} A r^{2/3} s^{1/2}$$

Inputs

Pipe Diameter : 10.00 in

Water Depth : 8.00 in

Pipe Slope : 0.0250 ft/ft

Manning's n : 0.011

Outputs

Hydraulic Radius : 0.25 ft

Flow Area : 0.47 sq ft

Capacity : 4.00 cfs

Velocity : 8.56 ft/sec

Critical Depth : 9.6 in

Req = 3.8 cfs ✓

*If one final outlet pipe
for roof runoff is preferred...*

Total Q from roof :

248' x 110' x .00014 = 3.8 cfs