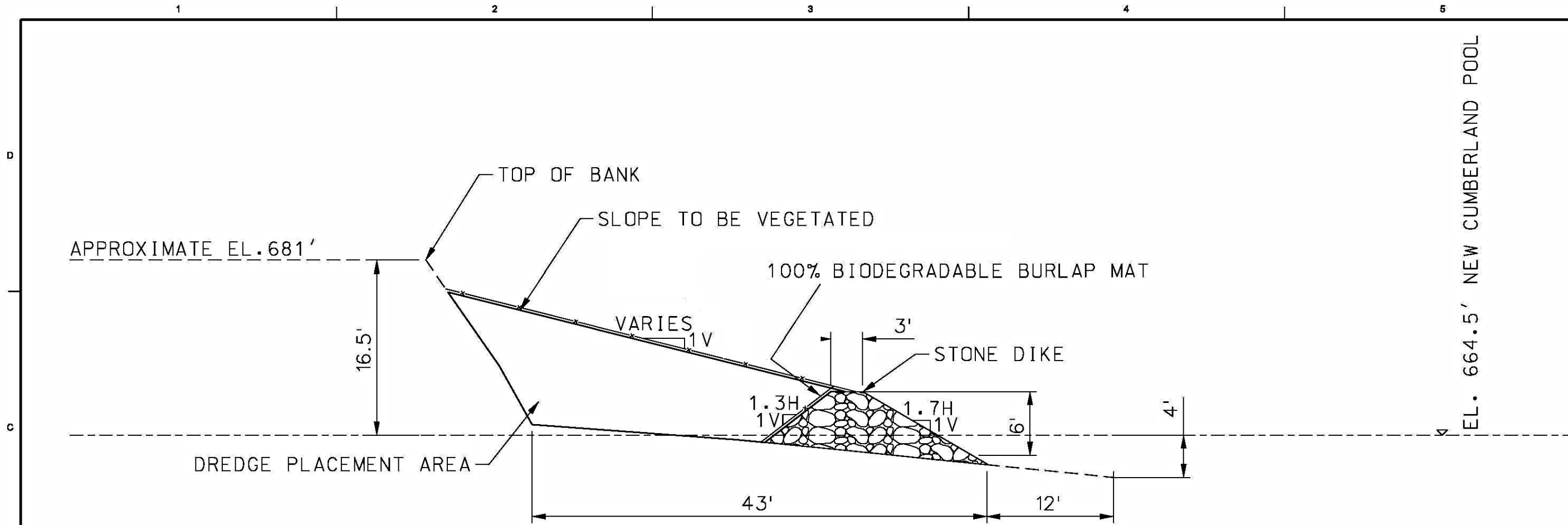
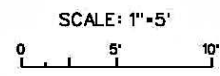


LRP-2007-1062



PHILLIS ISLAND AND GEORGETOWN ISLAND TYPICAL SECTION



NOTES

1. THE LOCATION OF THE STONE DIKE WILL BE ADJUSTED DURING CONSTRUCTION BASED ON TOPOGRAPHY AT THE TIME OF CONSTRUCTION.
2. THE CONTRACTOR SHALL RELOCATE SNAGS WITHIN THE WORK AREA AS REQUIRED TO FORM SUITABLE PLACEMENT FOR DIKES. THESE SNAGS AND WOODY DEBRIS SHALL BE PLACED LANDWARD OF THE DIKES AS REQUIRED BY THE CONTRACTING OFFICER.
3. THE CONTRACTOR SHALL PLACE ALL CLEAN FILL BEHIND THE LONGITUDINAL DIKES AS SHOWN. IF ADEQUATE QUANTITY OF DREDGED MATERIAL IS NOT AVAILABLE TO FILL TO THE PROPOSED LINES AND GRADES THE CONTRACTOR SHALL GIVE PRIORITY TO FILLING THE ENTIRE REACH TO THE DIKE CREST.
4. THE CONTRACTOR SHALL PROVIDE EROSION AND EROSION CONTROL DURING AND AFTER DREDGE MATERIAL PLACEMENT AND PROVIDE TEMPORARY VEGETATIVE COVER FOR ALL DISTURBED SOIL AREAS. THE CONTRACTORS SHALL INSTALL 100% BIODEGRADABLE BURLAP MAT ON THE LANDWARD SLOPE OF THE DIKE BEFORE DREDGE MATERIAL PLACEMENT. THE CONTRACTOR SHALL SEED 20 LB/ACRE OF ANNUAL RYE.

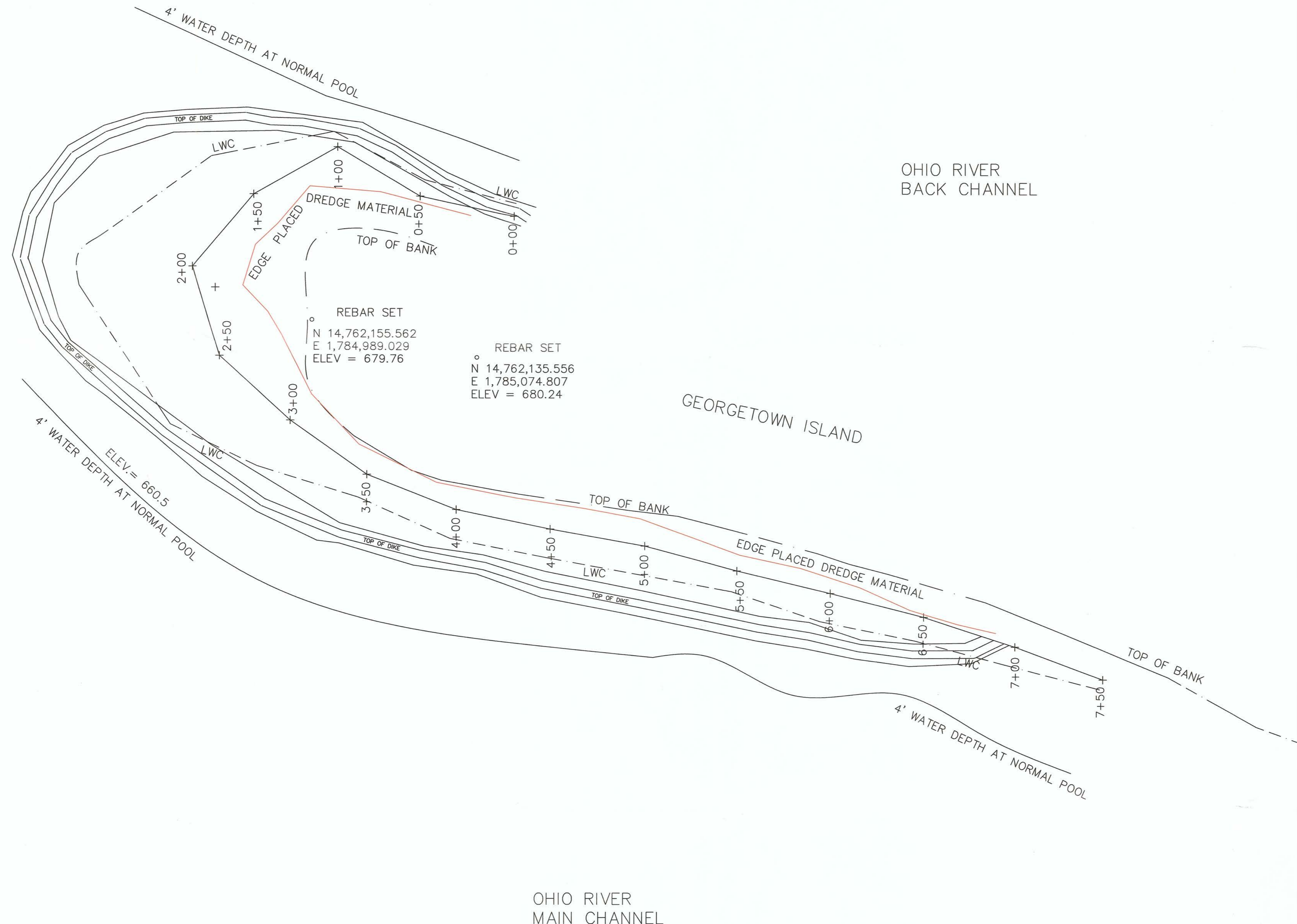


MARK	DESCRIPTION	DATE	APPL	MARK	DESCRIPTION	DATE	APPL

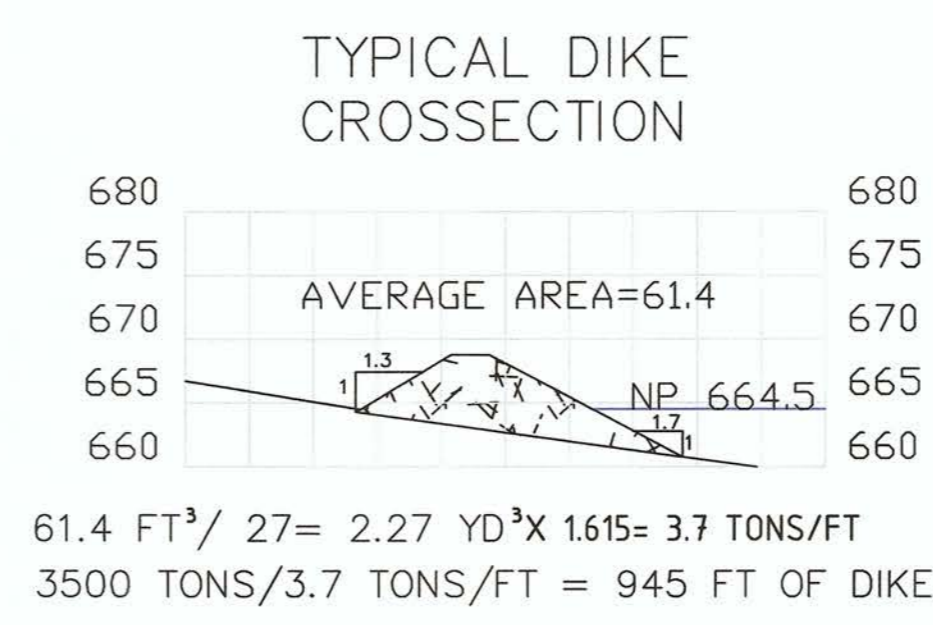
DESIGNED BY: BWS	DATE: 04/26/2013
DRAWN BY: BWS	SOLICITATION NO.:
SUBMITTED BY: BWS	CONTRACT NO.:
FILE NAME: Georgetown Island Sections 28 Apr 2013.dgn	FILE NUMBER:
ANNE D	

OHIO RIVER
OHIO RIVER ISLANDS NATIONAL WILDLIFE REF
PHILLIS ISLAND AND GEORGETOWN ISLAND
DIKE CONSTRUCTION AND
BENEFICIAL DREDGE
PLACEMENT

SHEET IDENTIFICATION
2
SHEET 2 OF 2

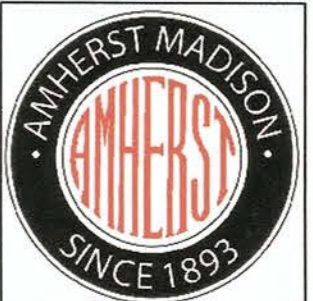


NOTE: SURVEY PERFORMED WITH TOPCON HYPER V BASE AND ROVER. HORIZONTAL AND VERTICAL CONTROL USED FOR THE SURVEY; IRON ROD FOUND NEAR HEAD OF ISLAND FIELD WORK PERFORMED 10-7-13



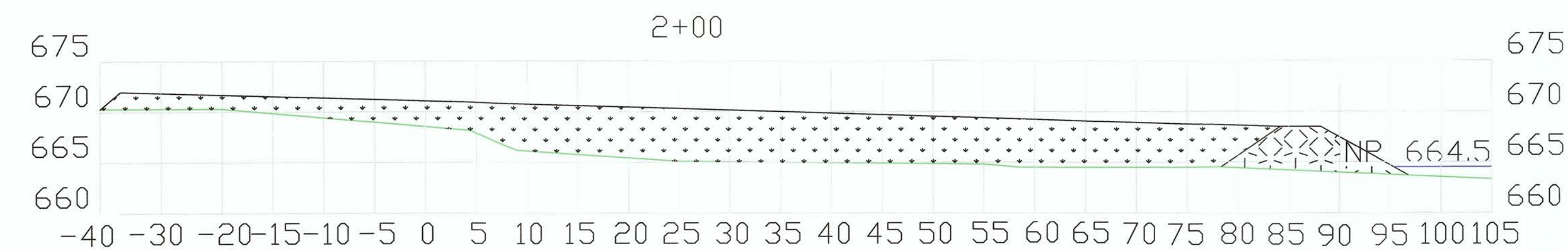
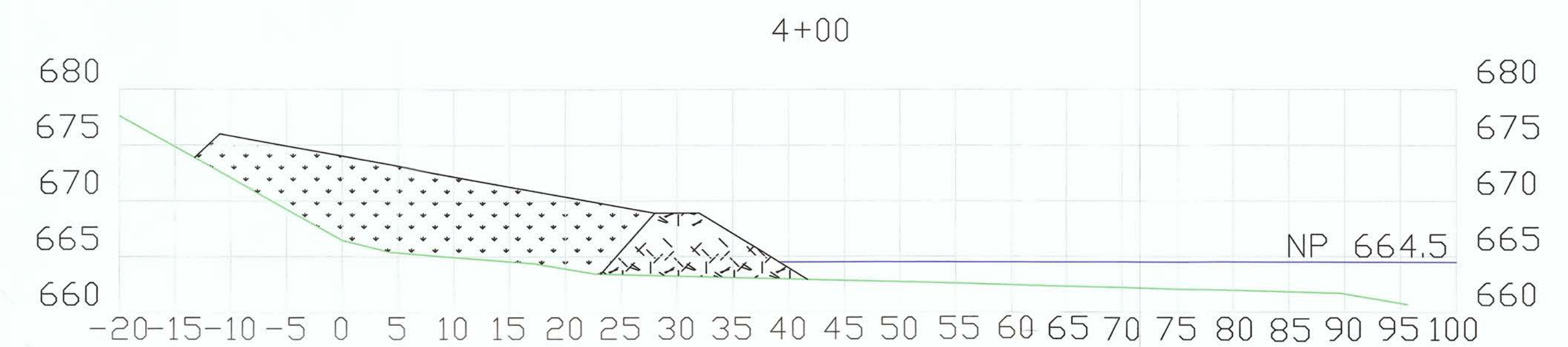
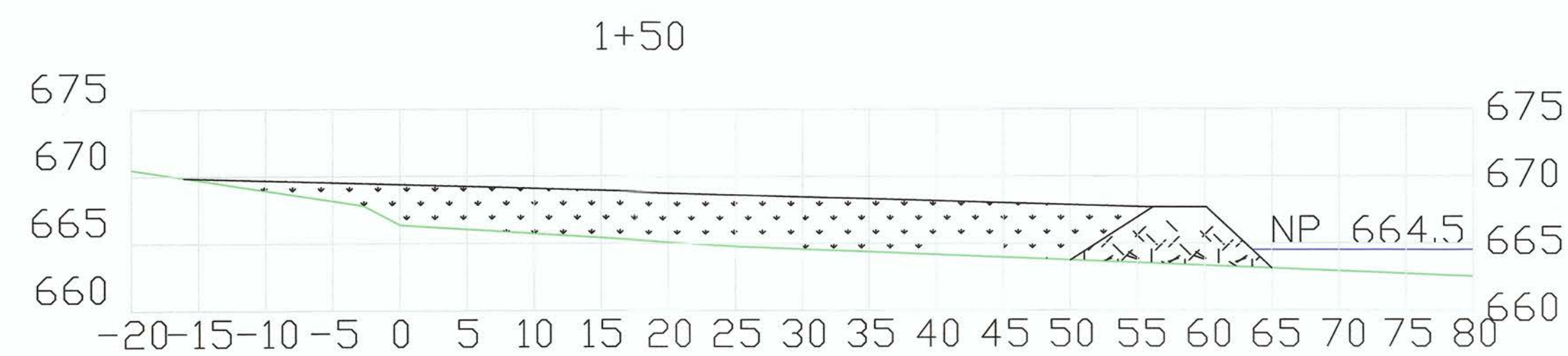
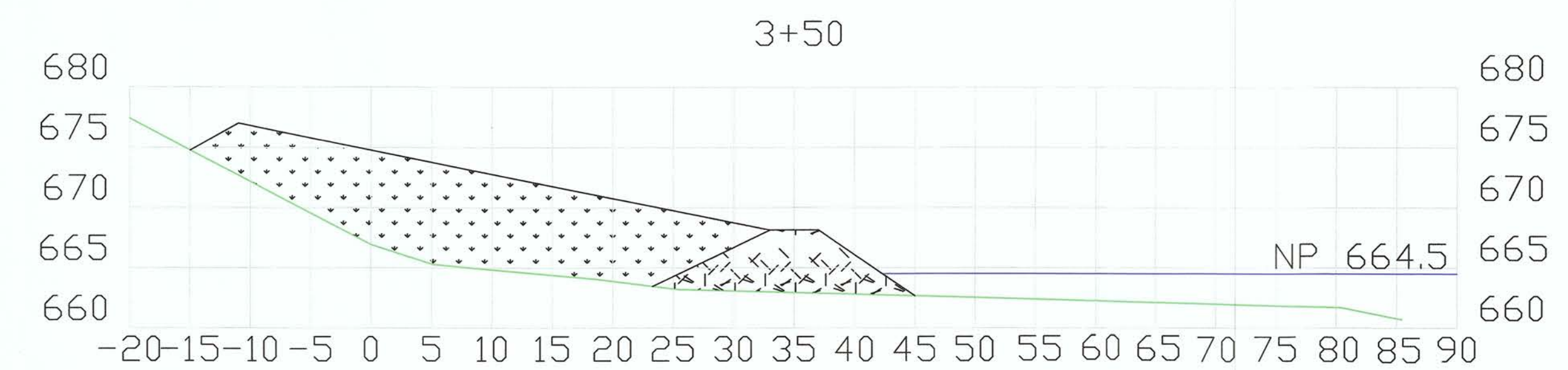
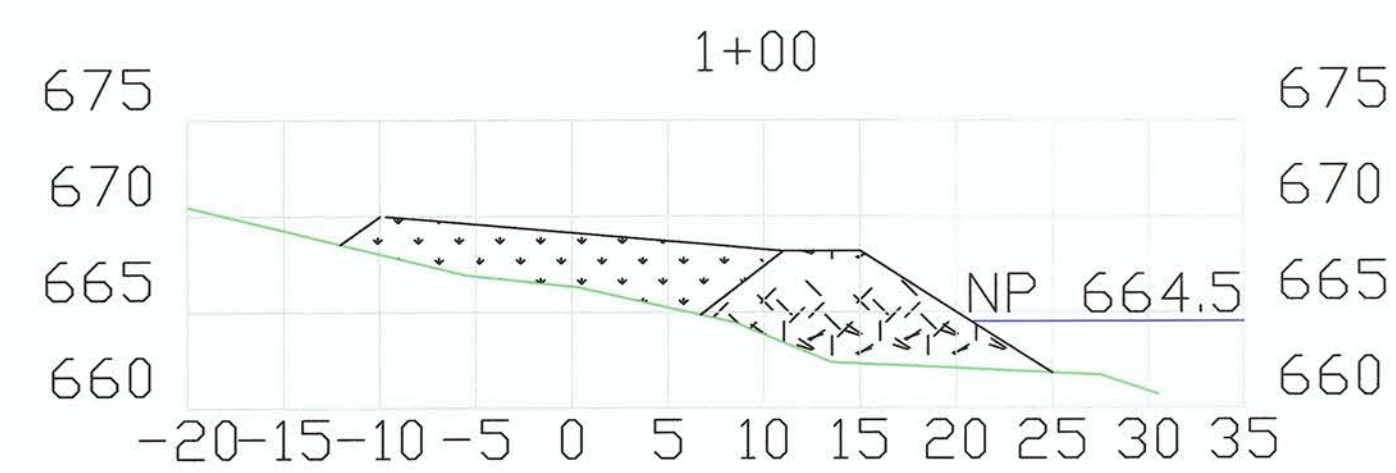
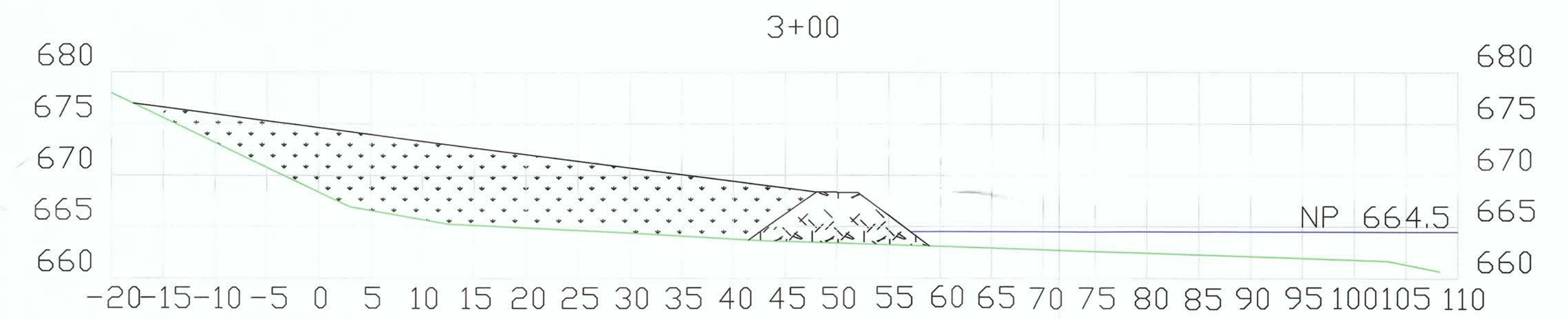
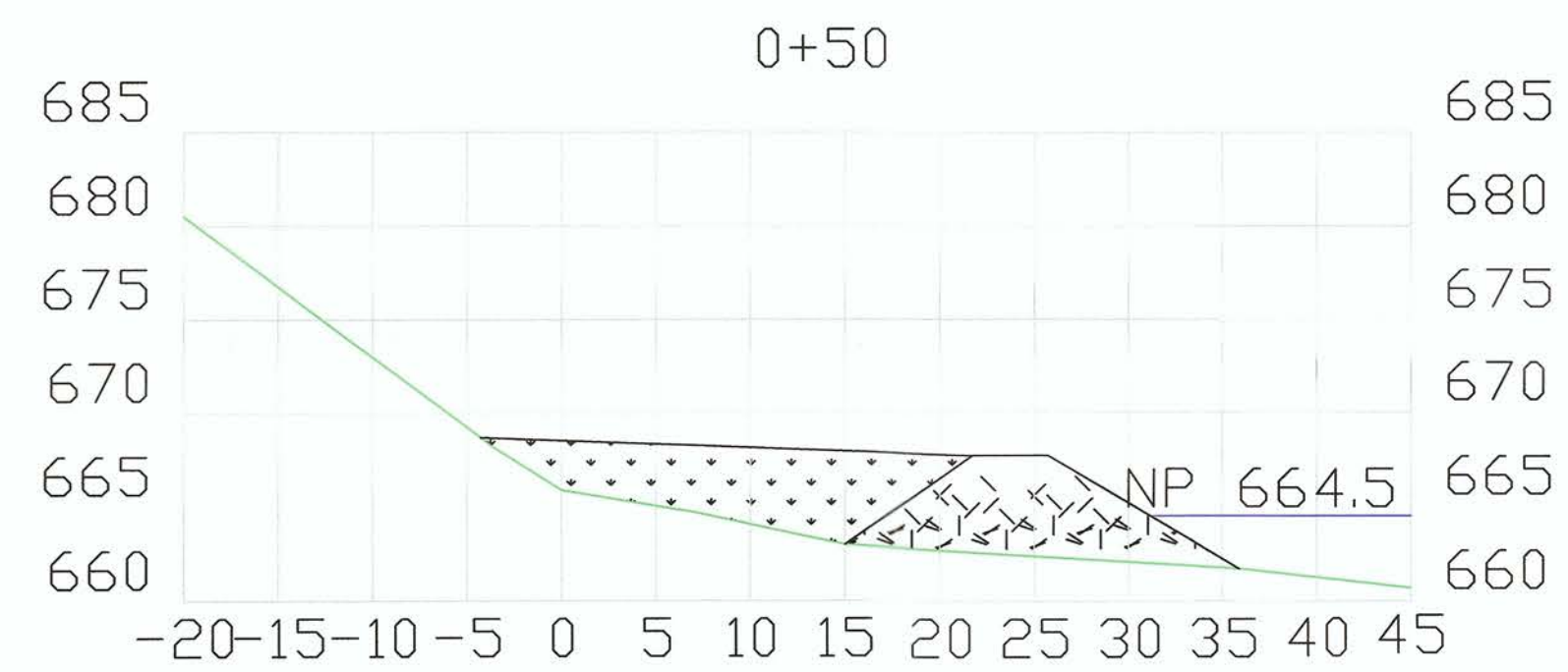
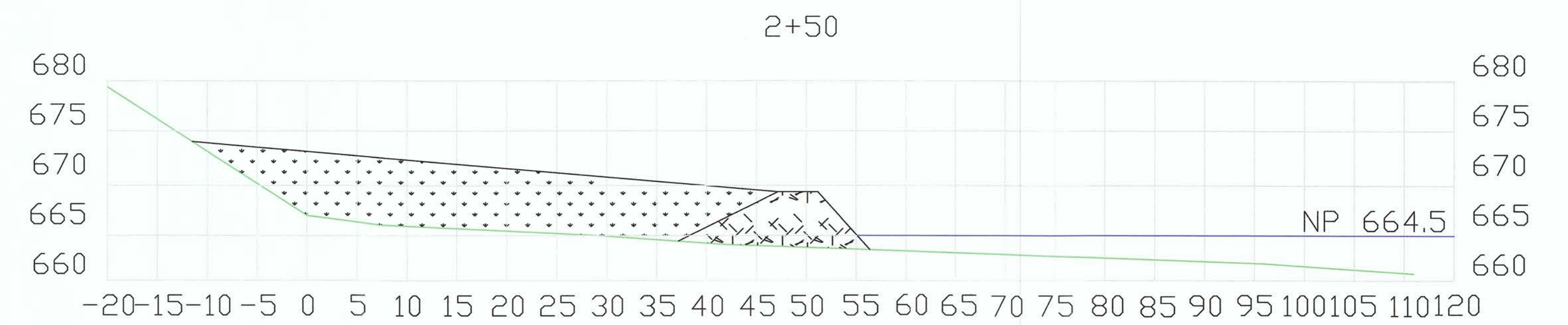
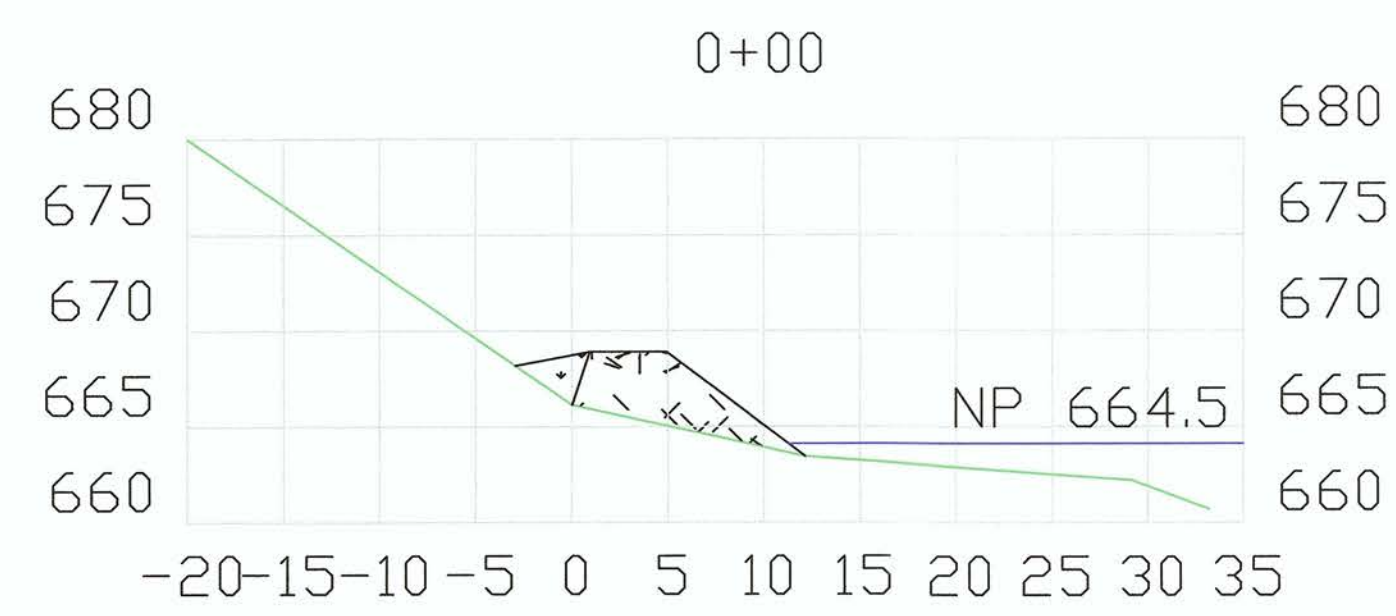
IRON ROD FOUND NEAR HEAD OF ISLAND SET BY SEASIDE ENGINEERING AND SURVEYING INC.
 N 14,761,923.430
 E 1,785,552.382
 ELEV = 679.07

GEORGETOWN ISLAND, OHIO RIVER RM 37.7
 EXISTING GROUND
 SOLICITATION NO. W911WN-10-D-007
 TASK ORDER NO. 0006

PREPARED BY:  AMHERSTMADISON, INC.
 NO. 2 PORT AMHERST
 CHARLESTON, WEST VIRGINIA 25306


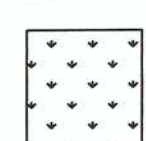

PLAN VIEW

PAGE : 1 OF 3
 SCALE 1"=30'
 DATE : FEBRUARY 2, 2014



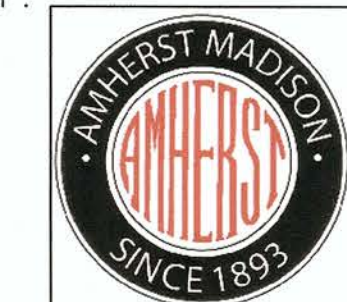
LEGEND

These standard symbols will be found in the drawing.

-  STONE PPLACED
-  PLACED DREDGE MATERIAL
-  ORIGINAL GROUND

GEORGETOWN ISLAND, OHIO RIVER RM 37.7
 EXISTING GROUND
 SOLICITATION NO. W911WN-10-D-007
 TASK ORDER NO. 0006

PREPARED BY :



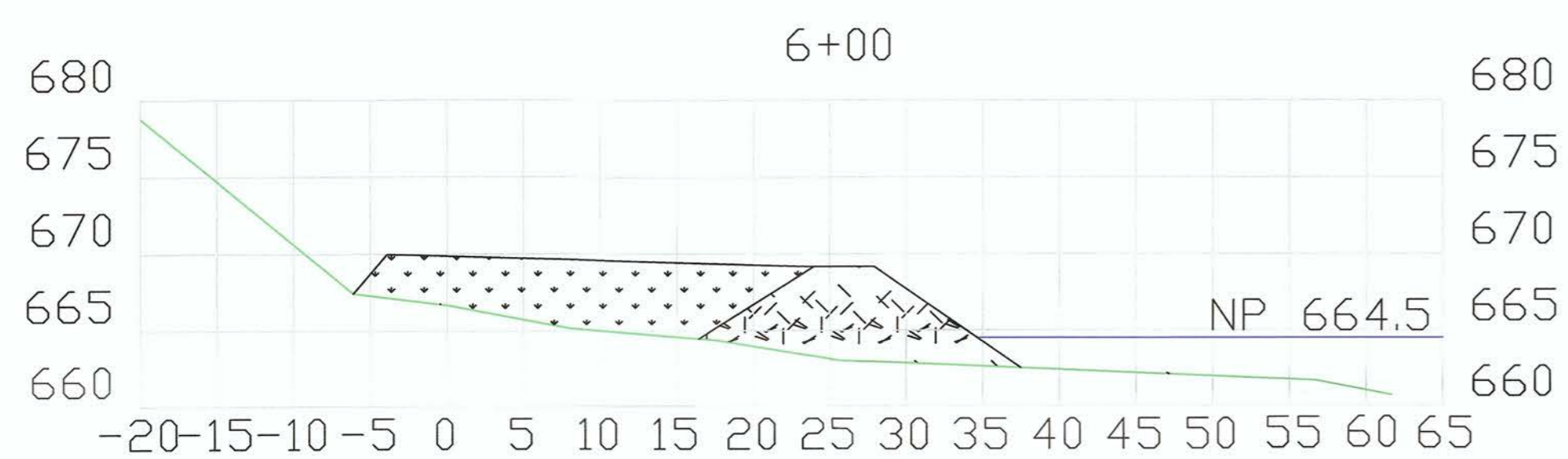
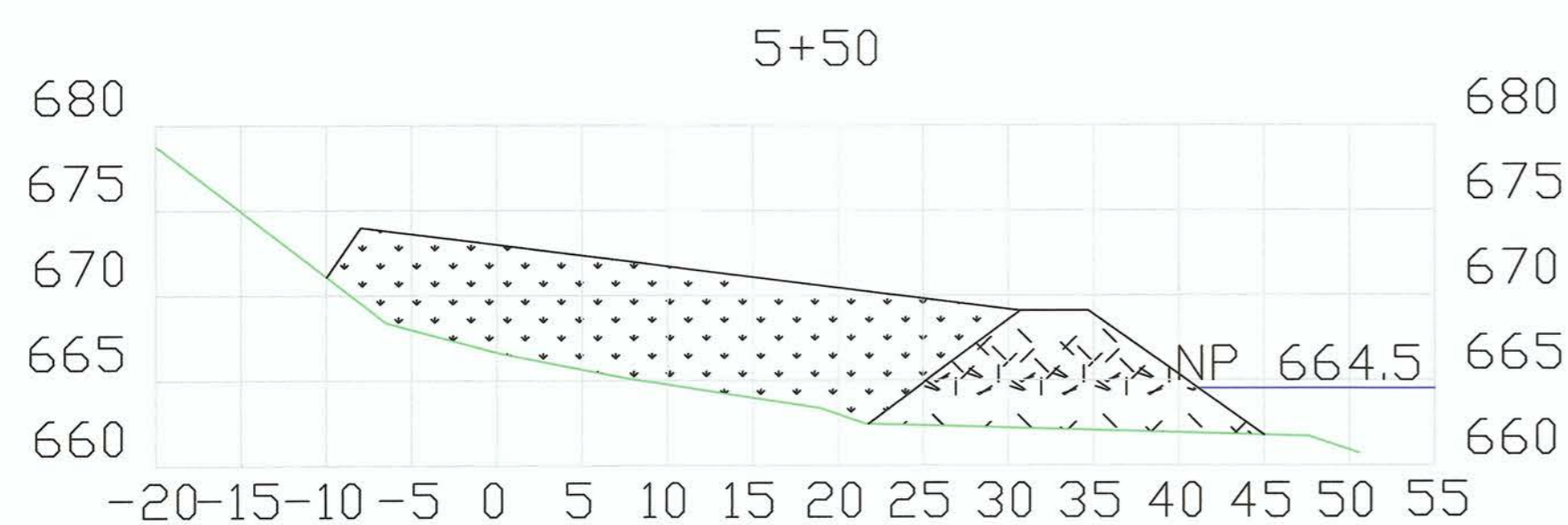
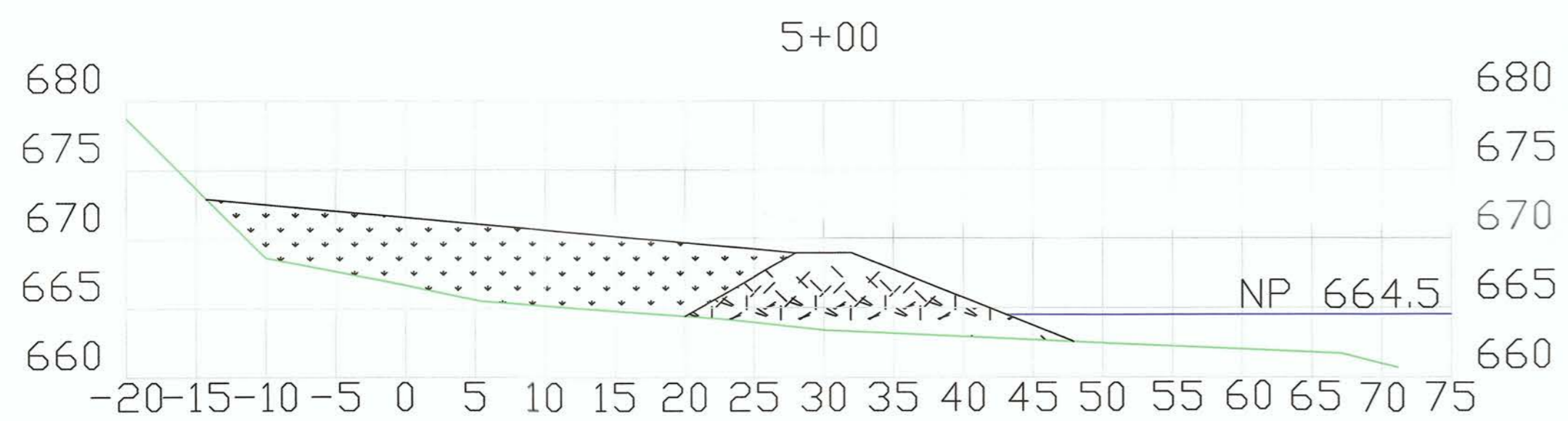
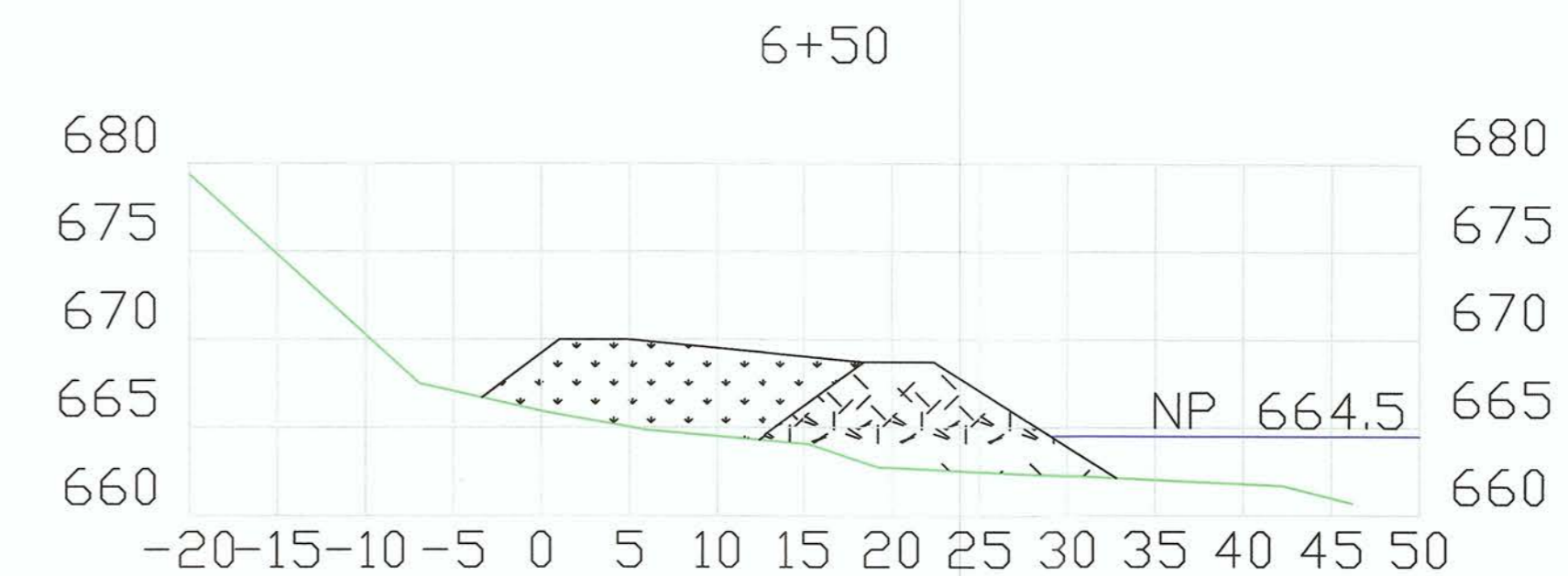
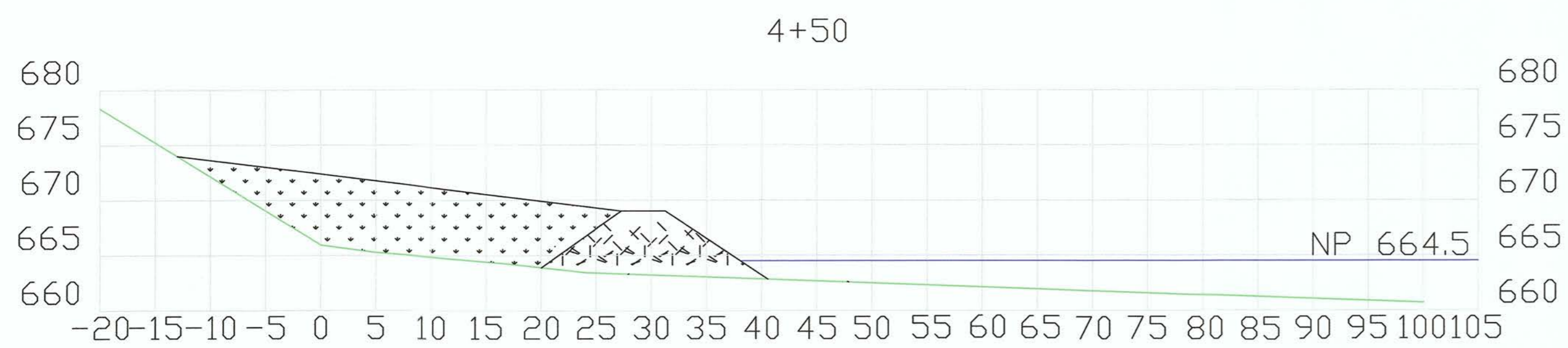
AMHERSTMADISON, INC.
 NO. 2 PORT AMHERST
 CHARLESTON, WEST VIRGINIA 25306

CROSS SECTIONS

PAGE : 2 OF 3


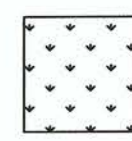

SCALE 1"=10'

DATE : FEBRUARY 2, 2014



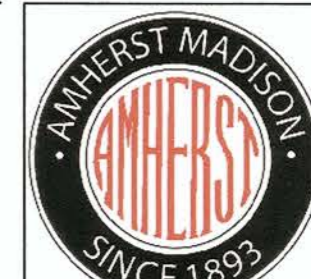
LEGEND

These standard symbols will be found in the drawing.

-  PROPOSED ROCK
-  PROPOSED DREDGE MATERIAL
-  ORIGINAL GROUND

GEORGETOWN ISLAND, OHIO RIVER RM 37.7
 EXISTING GROUND
 SOLICITATION NO. W911WN-10-D-007
 TASK ORDER NO. 0006

PREPARED BY :



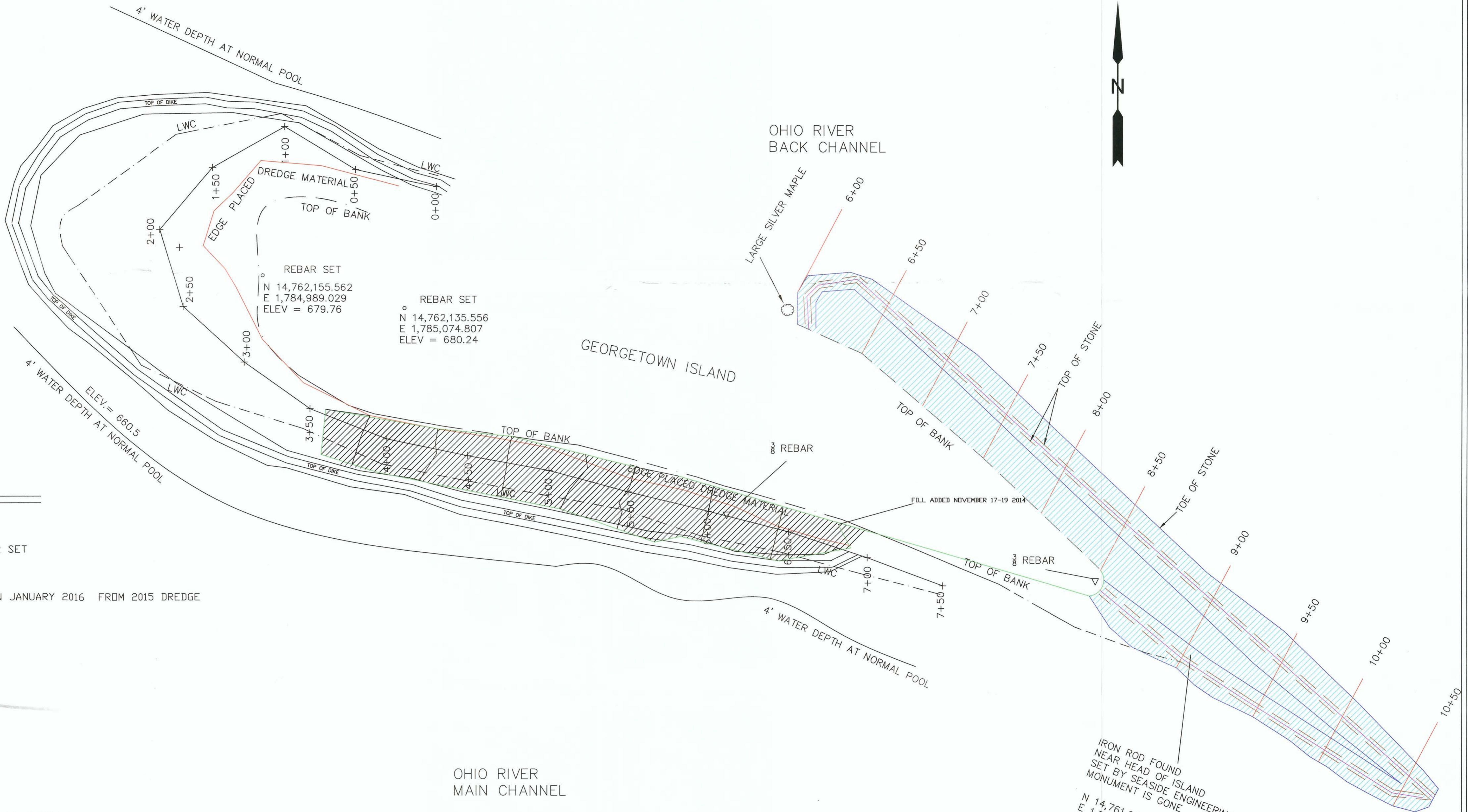
AMHERSTMADISON, INC.
 NO. 2 PORT AMHERST
 CHARLESTON, WEST VIRGINIA 25306

CROSS SECTIONS

PAGE : 3 OF 3

SCALE 1"=10'

DATE : FEBRUARY 2, 2014



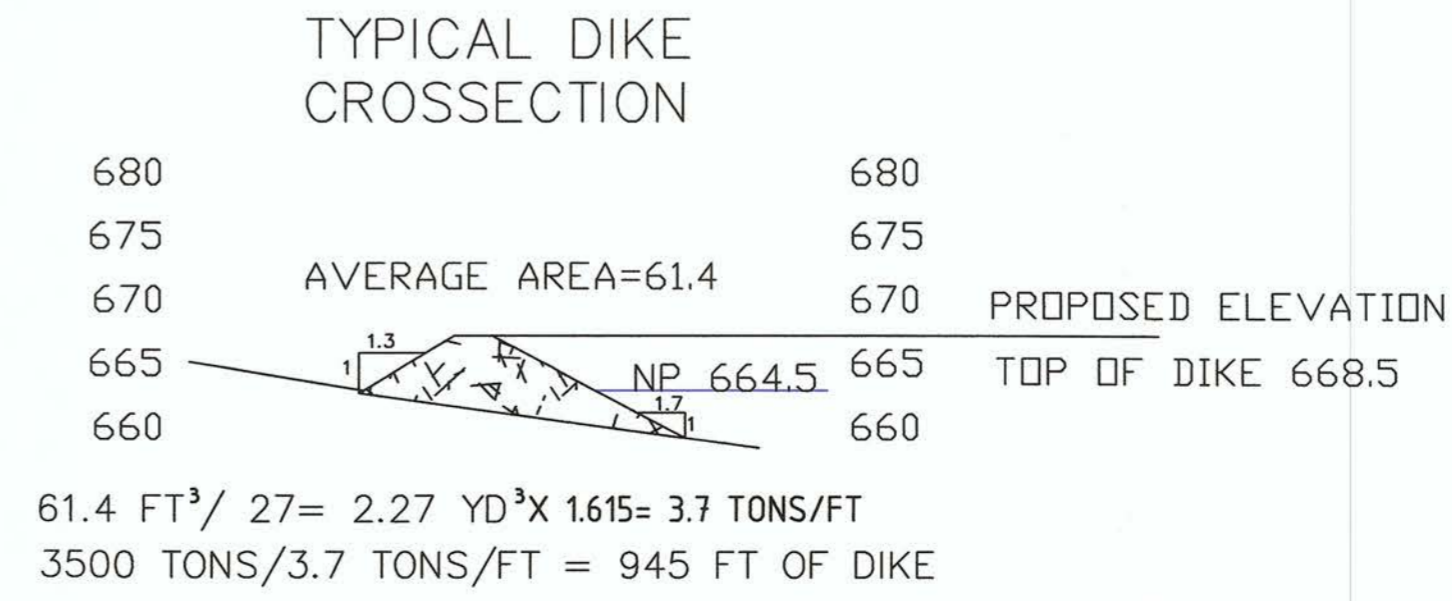
LEGEND

These standard symbols will be found in the drawing.

- ▽ PTS 400 AND 401 3/8 REBAR SET
- TOP OF BANK
- PLACED DREDGE MATERIAL IN JANUARY 2016 FROM 2015 DREDGE
- TOE OF STONE
- CENTERLINE DIKE
- TOP OF DIKE

- NOTE:
1. SURVEY PREFORMED WITH TOPCON HYPER V BASE AND ROVER. HORIZONTAL AND VERTICAL CONTROL USED FOR THE SURVEY; IRON ROD FOUND NEAR HEAD OF ISLAND FIELD WORK PREFORMED 10-7-13
 2. DIKE CONSTRUCTED JANUARY 2016 FROM USED DERRICK STONE TOP WIDTH VARIES FROM 3' TO 8' ; TOP DIKE ELEVATION VARIES FROM 666.9 TO 669.56; SIDE SLOPES VARY FROM 2:1 TO 1:1
 3. PLACED DREDGE MATERIAL FROM MAINTENANCE DREDGING OHIO AND MONONGAHELA RIVERS 2015

OHIO RIVER
MAIN CHANNEL



IRON ROD FOUND
NEAR HEAD OF ISLAND
SET BY SEASIDE ENGINEERING AND SURVEYING INC.
N 14,761,923.430
E 1,785,552.382
ELEV = 679.07

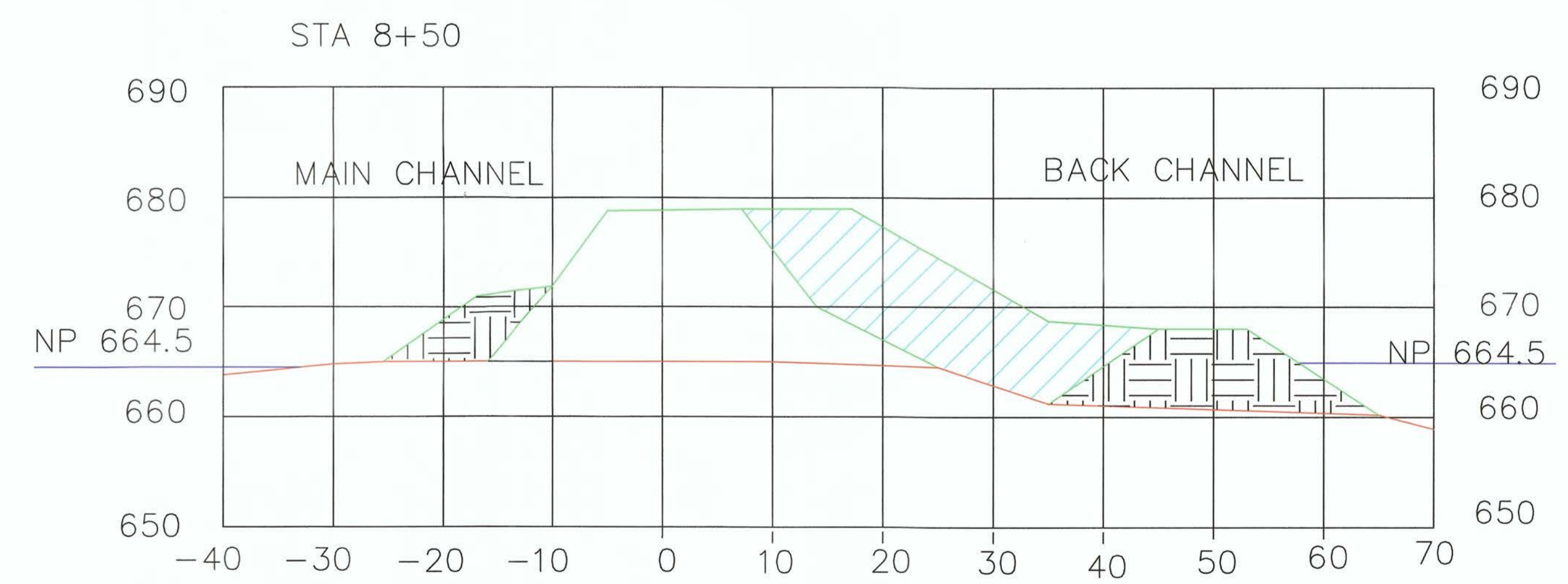
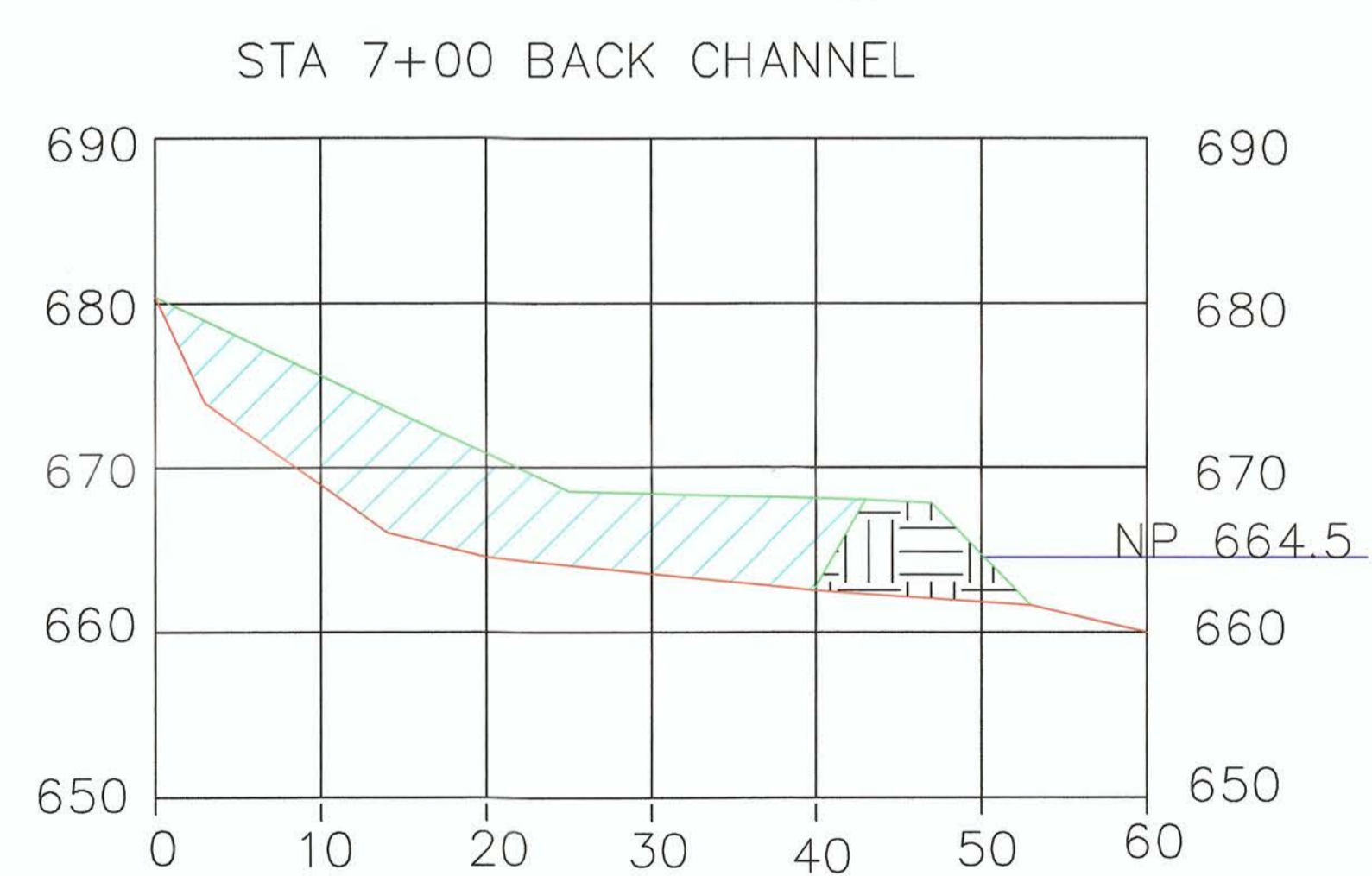
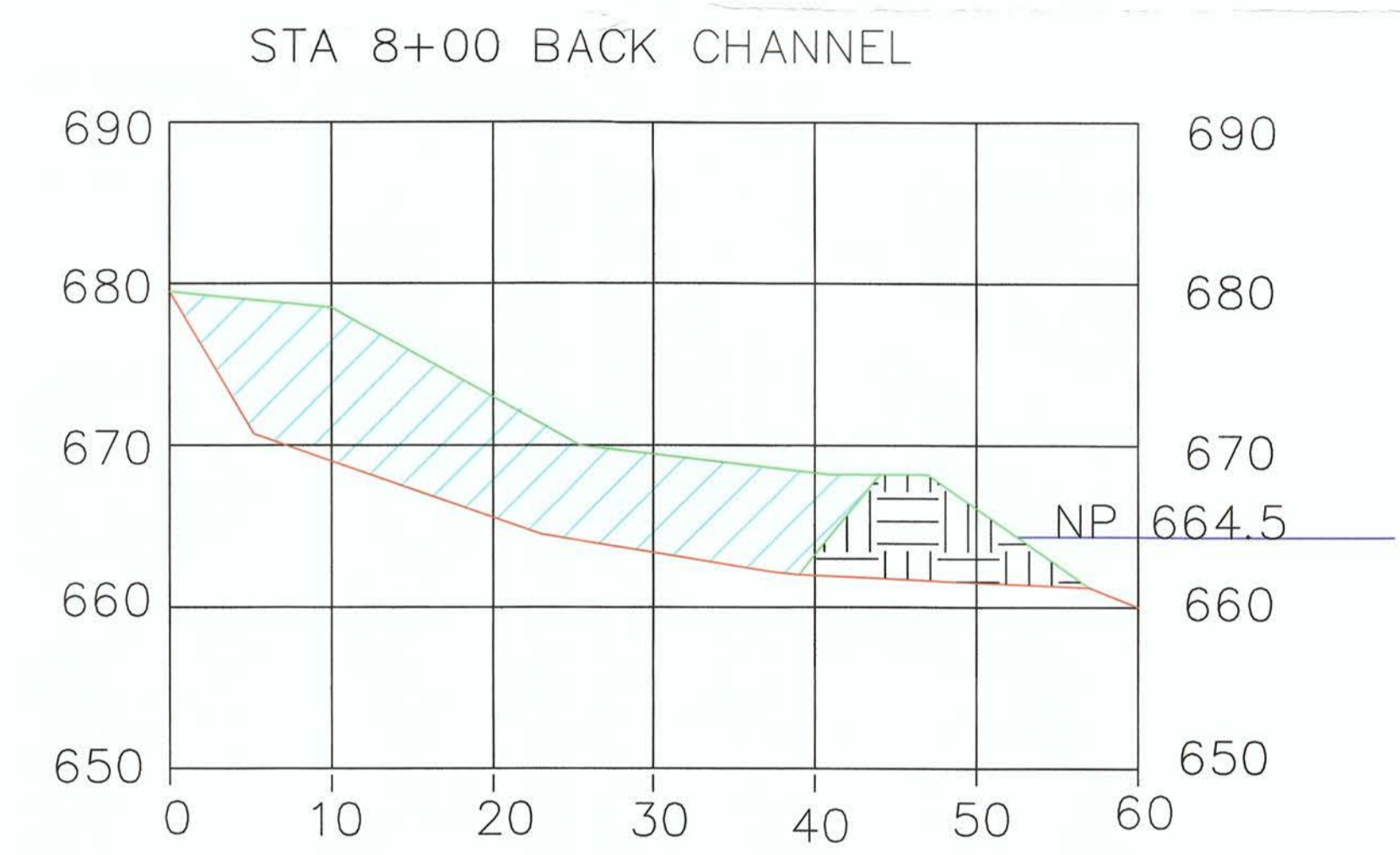
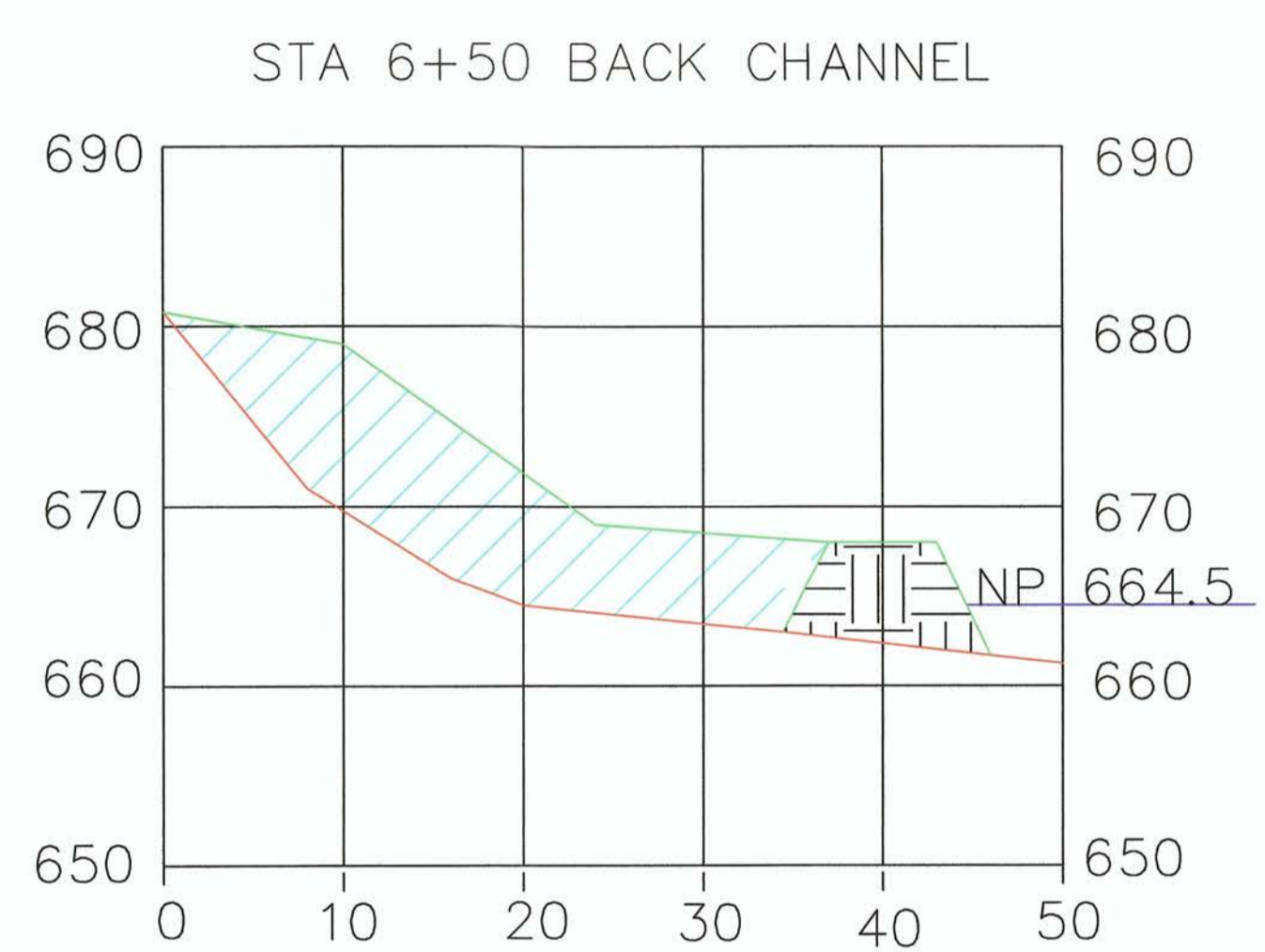
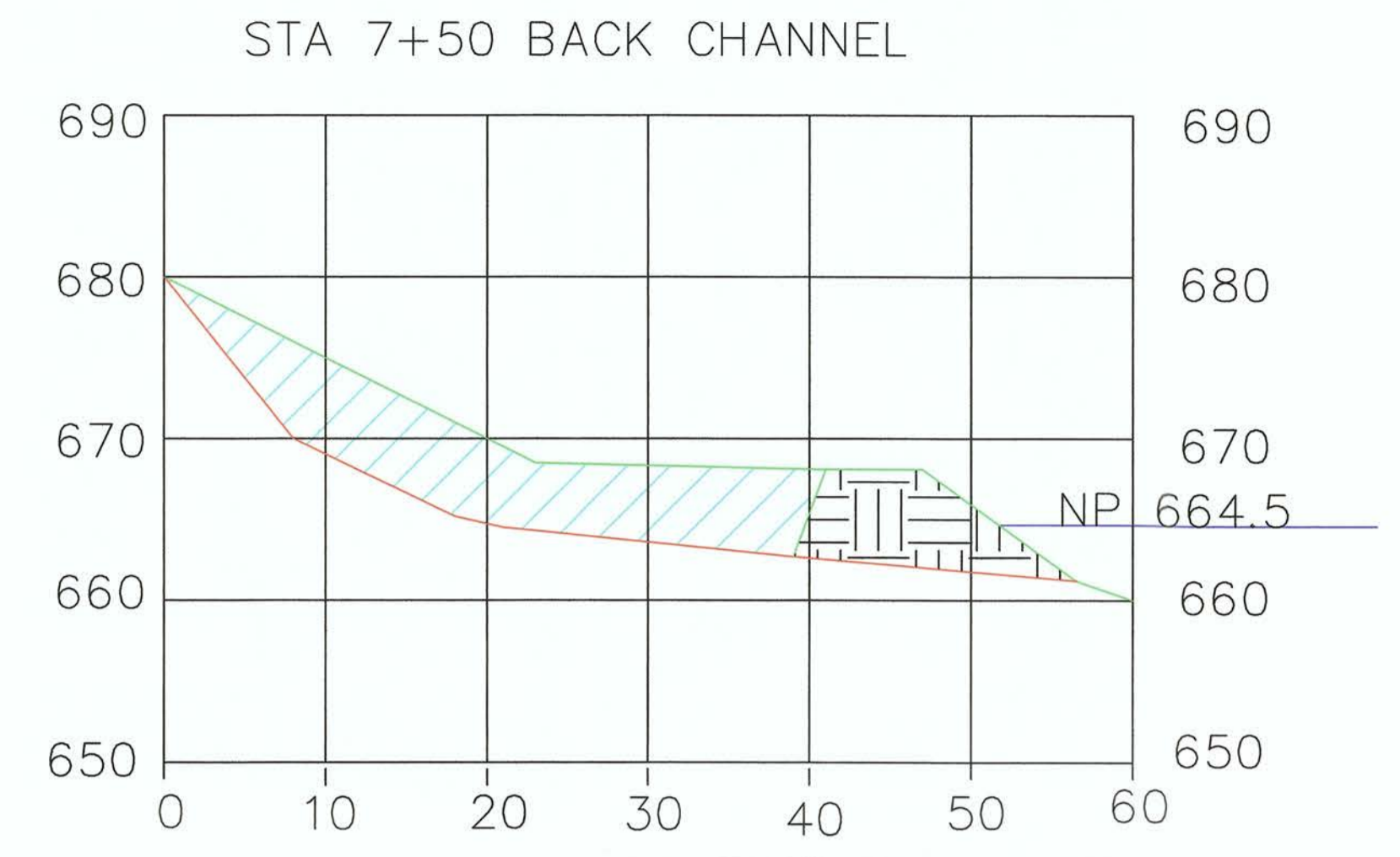
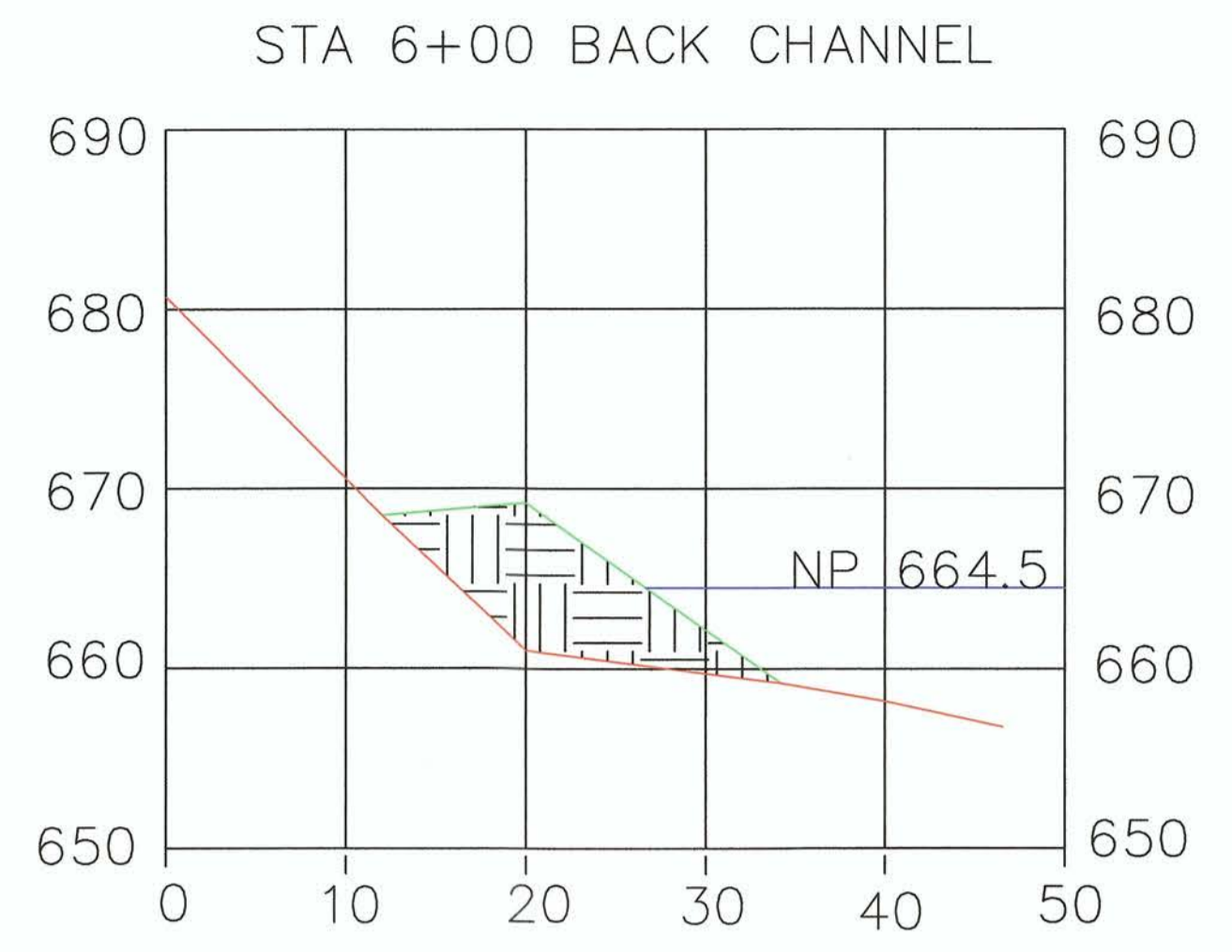
GEORGETOWN ISLAND, OHIO RIVER RM 37.7
EXISTING GROUND
SOLICITATION NO. W91237-12-D-0009-DV01

PREPARED BY:

AMHERSTMADISON, INC.
NO. 2 PORT AMHERST
CHARLESTON, WEST VIRGINIA 25306

PLAN VIEW

PAGE : 1 OF 1
SCALE 1"=30'
DATE : FEBRUARY 2, 2014
REVISED : JUNE 1, 2016



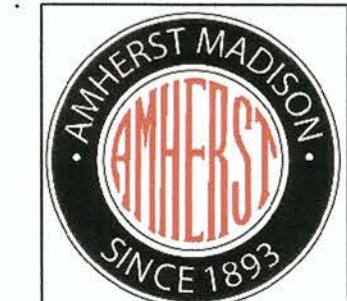
LEGEND

These standard symbols will be found in the drawing.

-  ORIGINAL GROUND
-  TOP OF STONE
-  NORMAL POOL 664.5
-  FILL MATERIAL
-  STONE PLACED

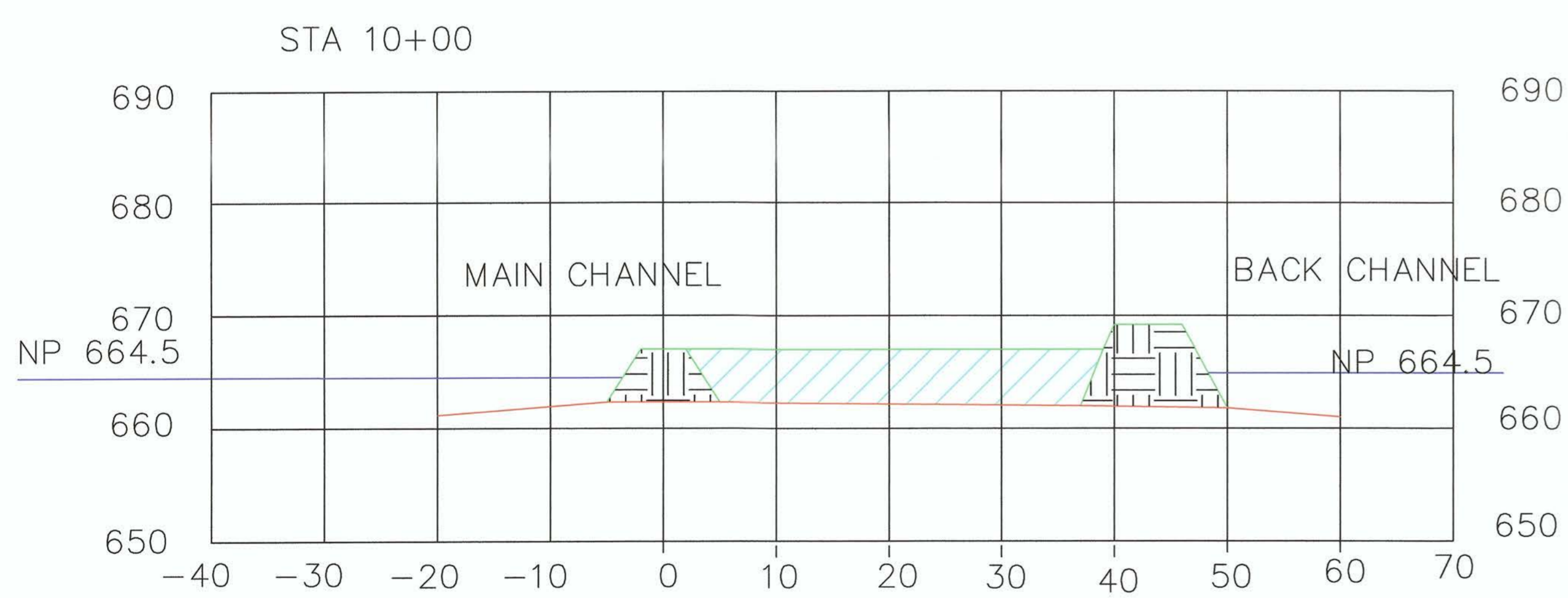
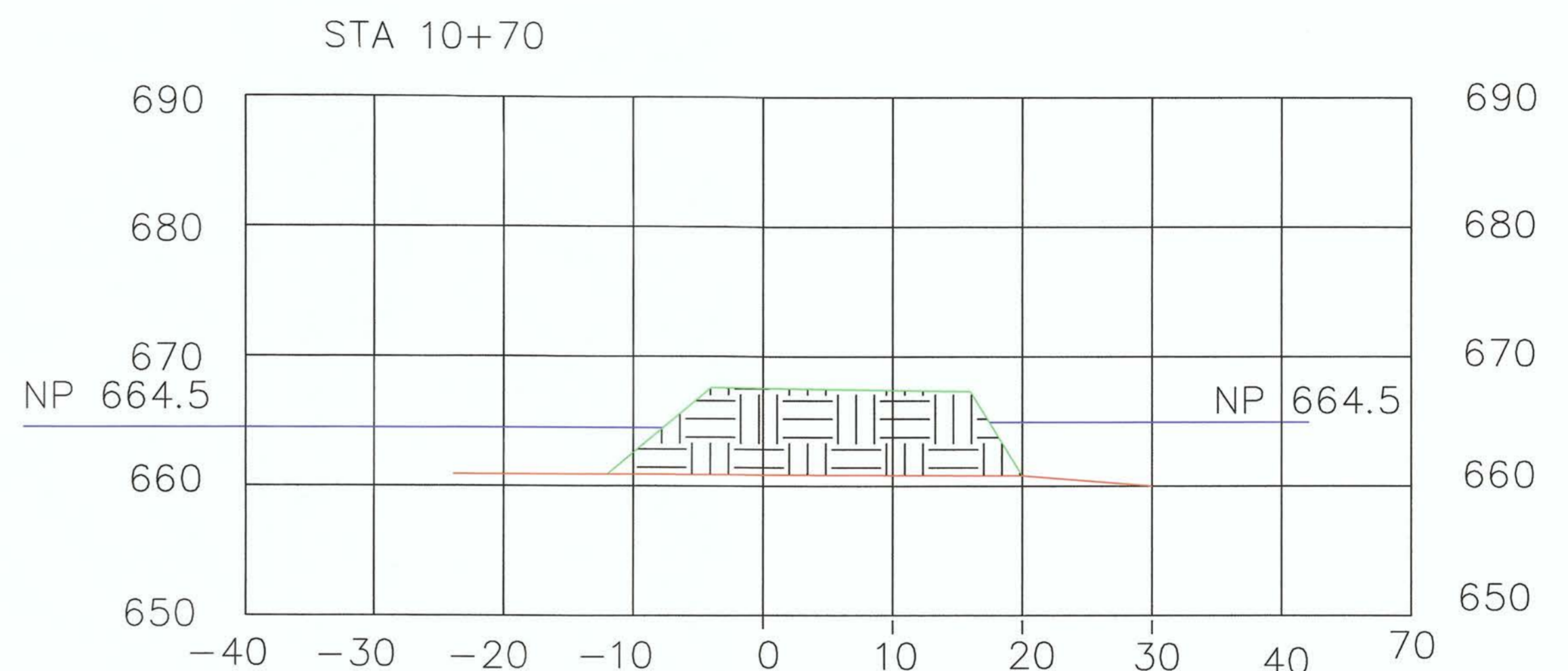
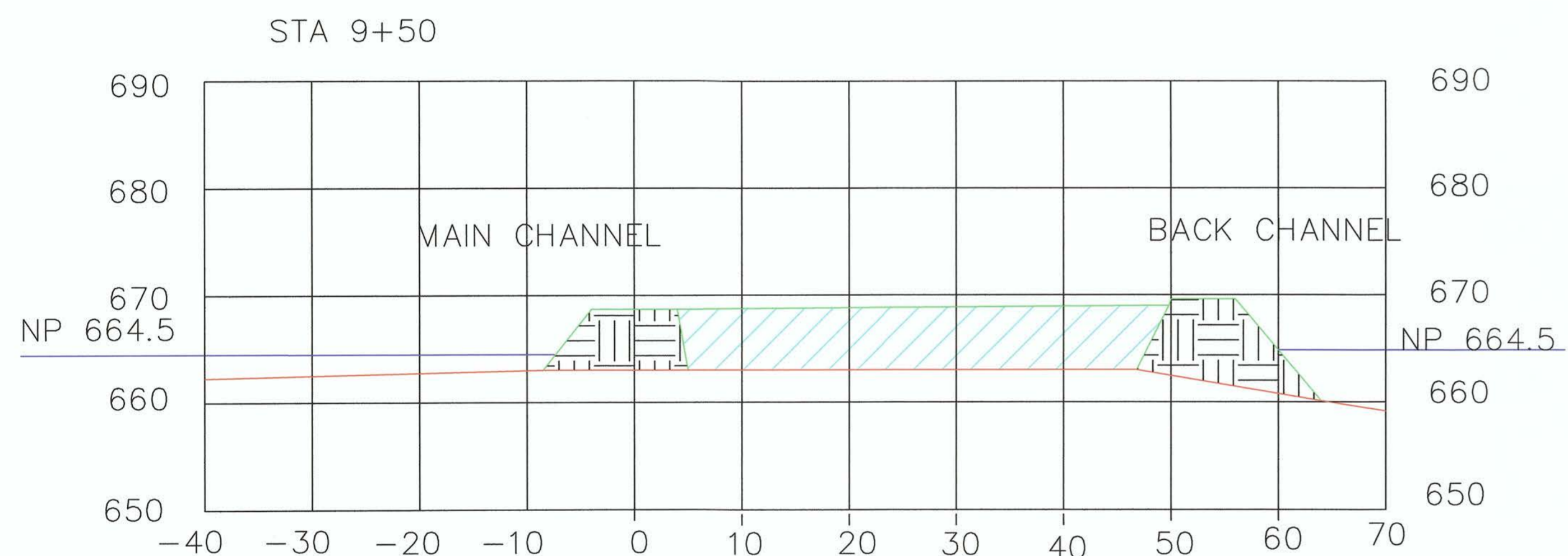
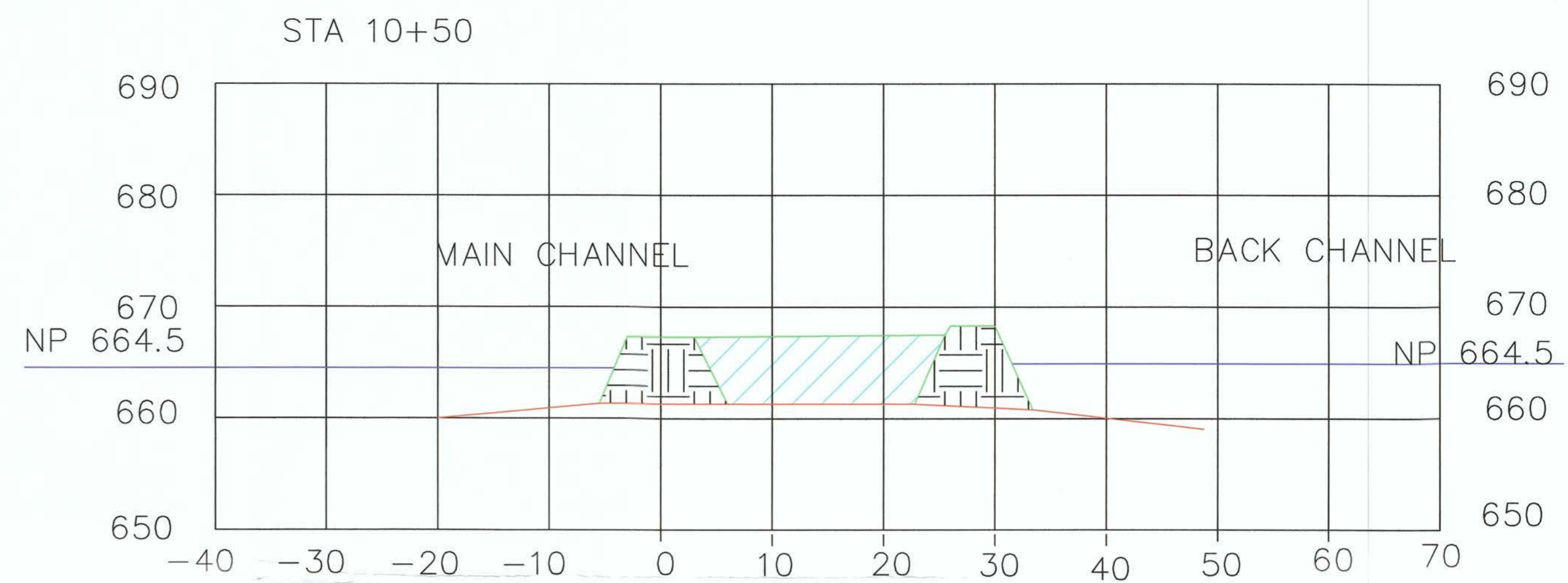
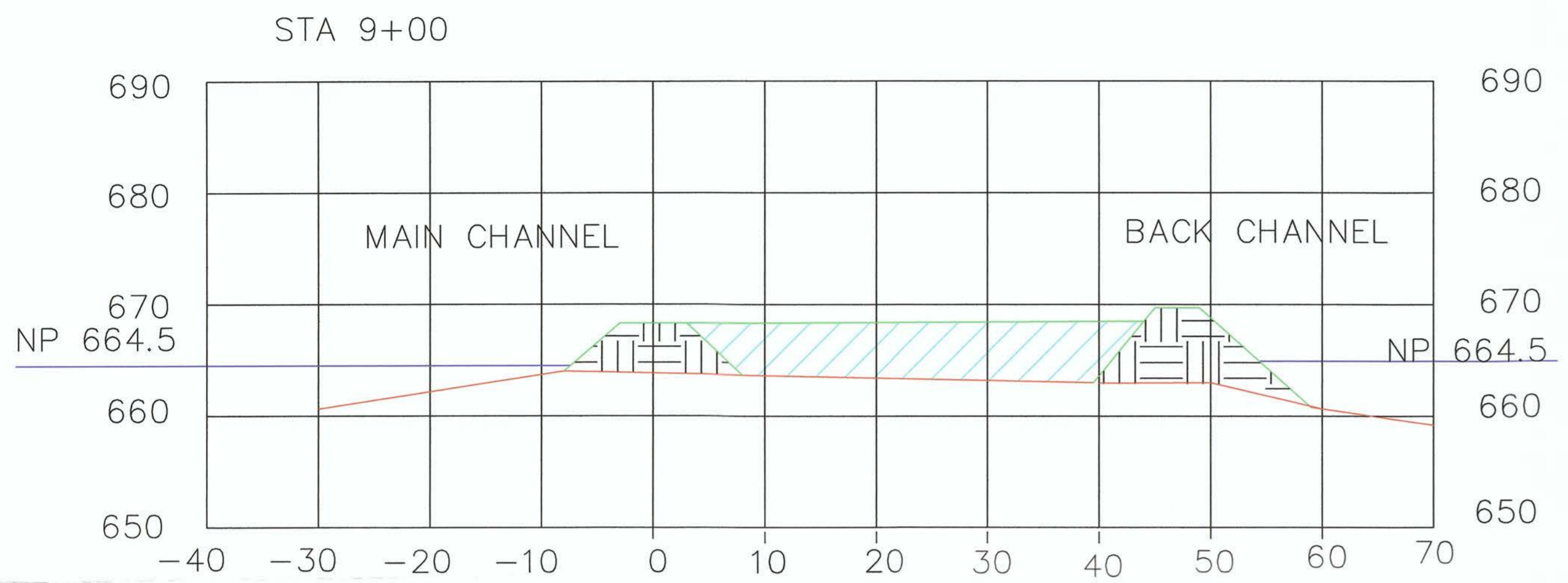
HORIZ AND VERT 1"=10'

GEORGETOWN ISLAND, OHIO RIVER RM 37.7
SOLICITATION NO. W91237-12-D-0009-DV01

PREPARED BY:  AMHERSTMADISON, INC.
NO. 2 PORT AMHERST
CHARLESTON, WEST VIRGINIA 25306

CROSS SECTION VIEW

PAGE : 1 OF 2
SCALE 1"=10'
DATE : JUNE 2, 2016

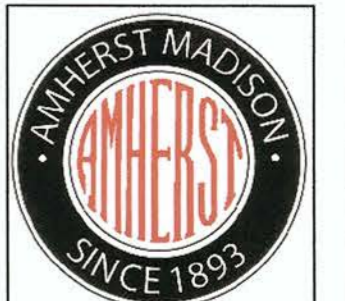


LEGEND

- These standard symbols will be found in the drawing.
- ORIGINAL GROUND
 - TOP OF STONE
 - NORMAL POOL 664.5
 - DREDGE MATERIAL
 - STONE PLACED

HORIZ AND VERT 1"=10'

GEORGETOWN ISLAND, OHIO RIVER RM 37.7
SOLICITATION NO. W91237-12-D-0009-DV01

PREPARED BY:  AMHERSTMADISON, INC.
NO. 2 PORT AMHERST
CHARLESTON, WEST VIRGINIA 25306

CROSS SECTION VIEW

PAGE : 2 OF 2
SCALE 1"=10'
DATE : JUNE 2, 2016