# Appendix B

# Engineering Drawings—Dam Specific

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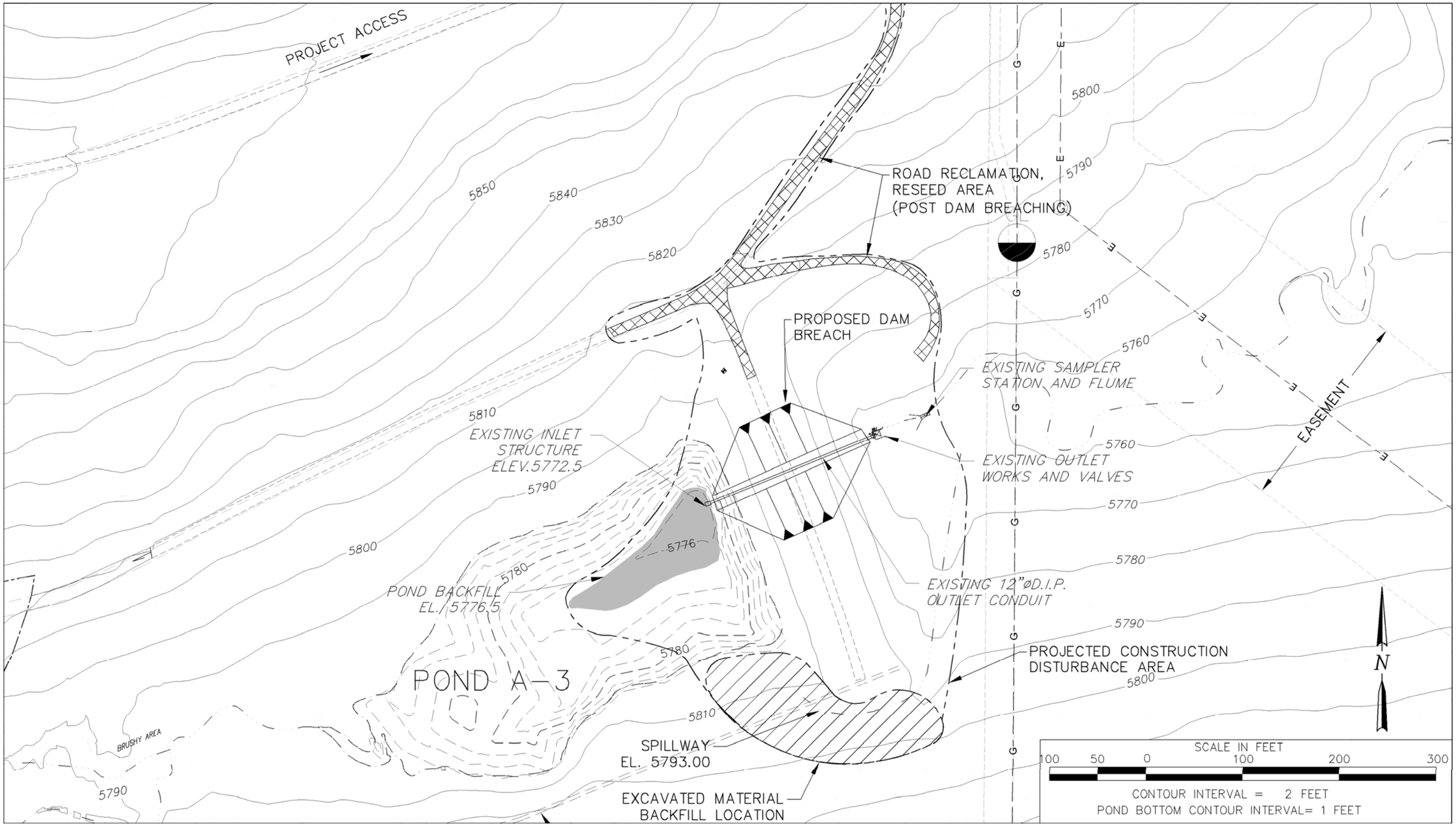
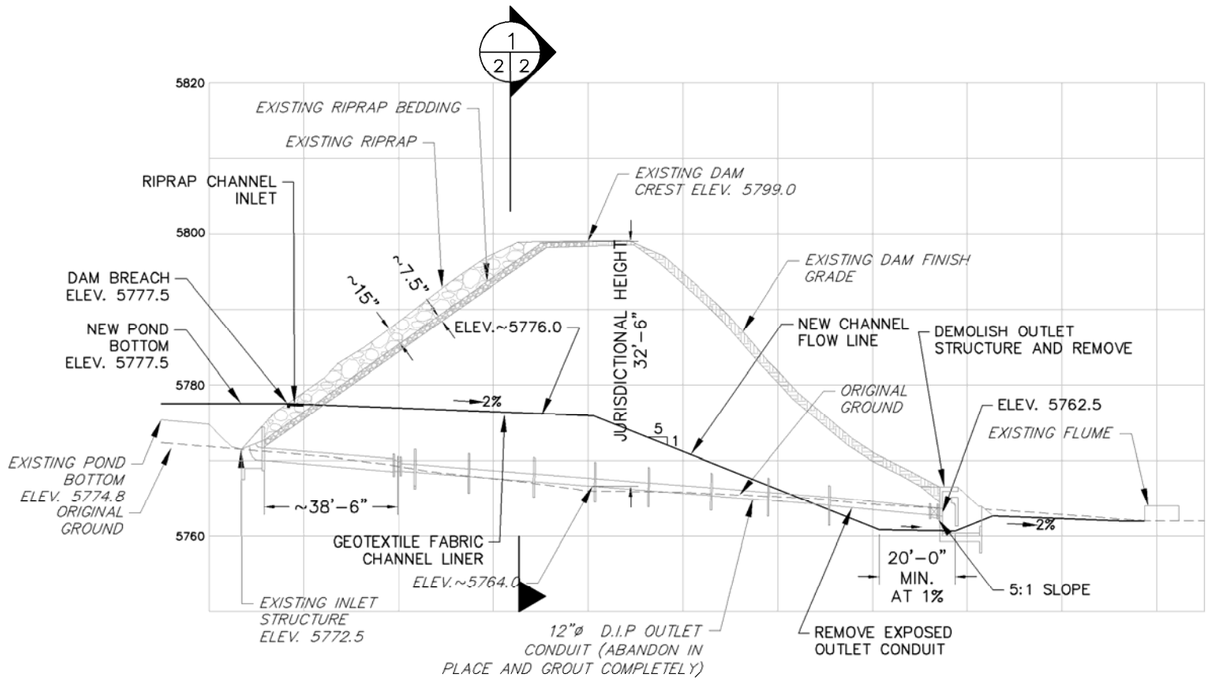
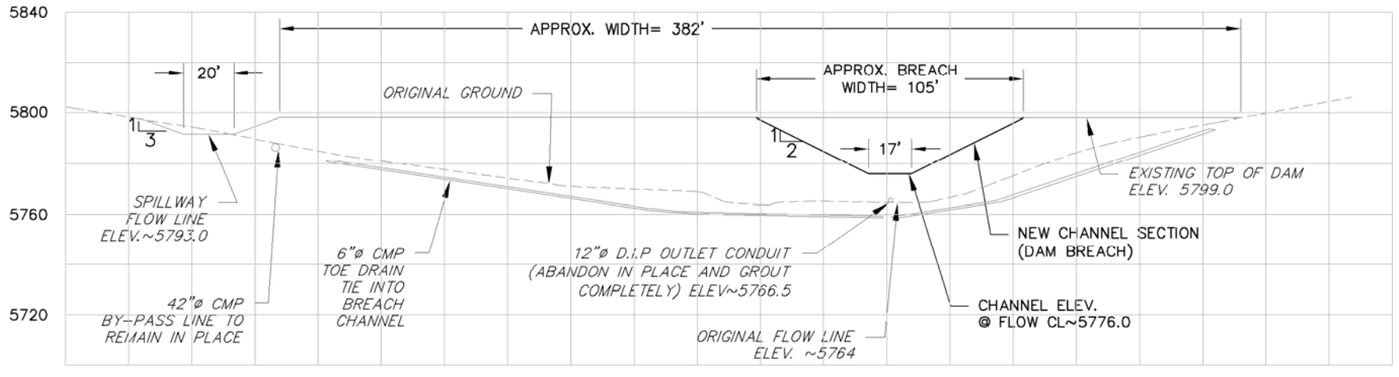

PROJECT ACCESS
ROAD RECLAMATION,
RESEED AREA
(POST DAM BREACHING)
PROPOSED DAM
BREACH
EXISTING SAMPLER
STATION AND FLUME
EXISTING INLET
STRUCTURE
ELEV.5772.5
EXISTING OUTLET
WORKS AND VALVES
EASEMENT
POND BACKFILL
EL. 5776.5
EXISTING 12"øD.I.P.
OUTLET CONDUIT
POND A-3
PROJECTED CONSTRUCTION
DISTURBANCE AREA
SPILLWAY
EL. 5793.00
EXCAVATED MATERIAL
BACKFILL LOCATION
BRUSHY AREA
5850
5840
5830
5820
5810
5800
5790
5780
5770
5760
5776
N
SCALE IN FEET
100 50 0 100 200 300
CONTOUR INTERVAL = 2 FEET
POND BOTTOM CONTOUR INTERVAL= 1 FEET




## DAM A–3 BREACH:
## CHANNEL PROFILE THROUGH DAM SECTION

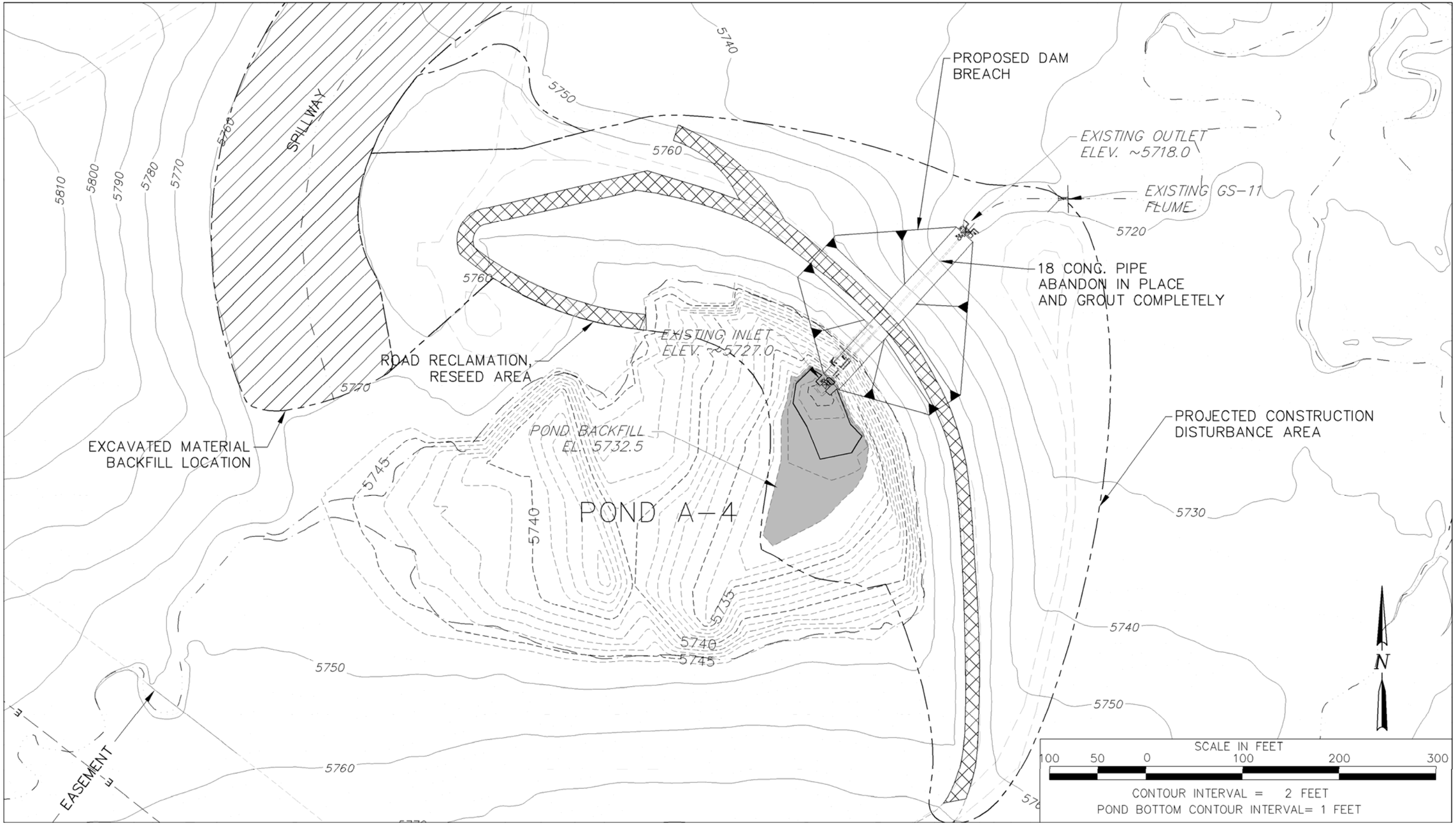
SCALE: HORIZONTAL 1" =40'
VERTICAL 1"=20'

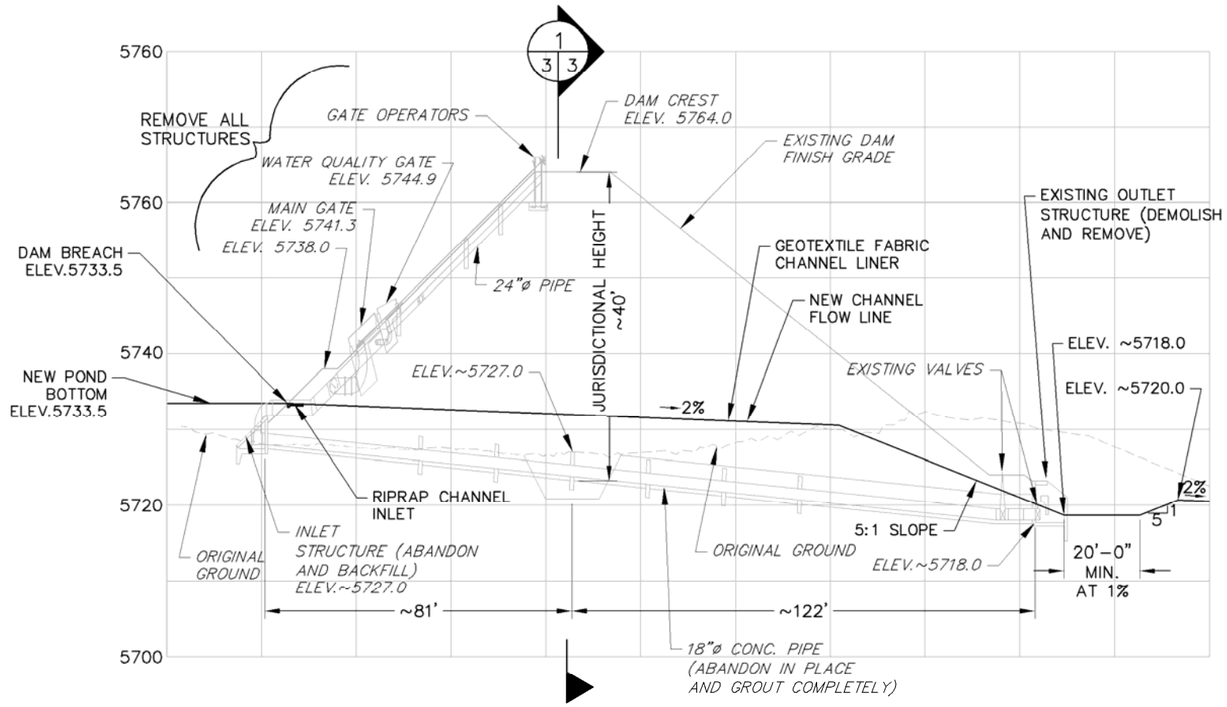



## DAM A–3 BREACH:
## SECTION THROUGH DAM PROFILE (LOOKING DOWNSTREAM)

1
2 2

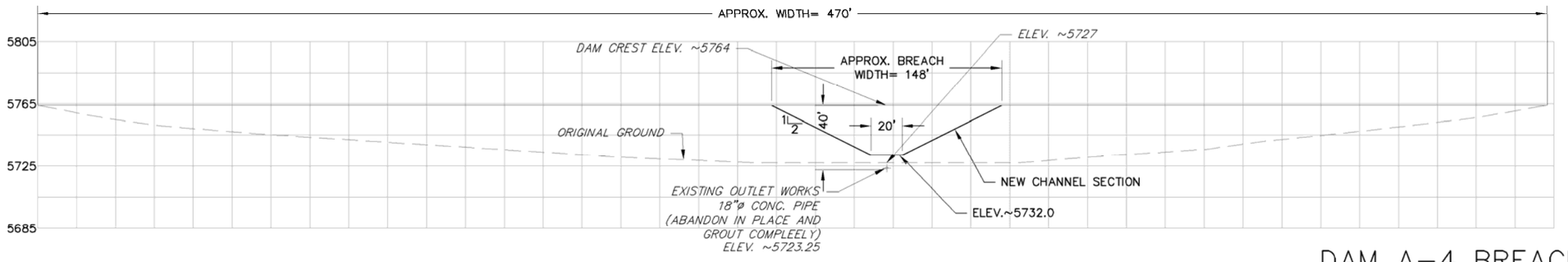
SCALE: 1" =80'


PROPOSED DAM BREACH
EXISTING OUTLET ELEV. ~5718.0
EXISTING GS-11 FLUME
18 CONC. PIPE ABANDON IN PLACE AND GROUT COMPLETELY
EXISTING INLET ELEV. ~5727.0
ROAD RECLAMATION, RESEED AREA
SPILLWAY
POND BACKFILL EL. 5732.5
POND A-4
EXCAVATED MATERIAL BACKFILL LOCATION
EASEMENT
PROJECTED CONSTRUCTION DISTURBANCE AREA
5810
5800
5790
5780
5770
5760
5750
5740
5730
5720
5745
5735
N
SCALE IN FEET
100 50 0 100 200 300
CONTOUR INTERVAL = 2 FEET
POND BOTTOM CONTOUR INTERVAL= 1 FEET



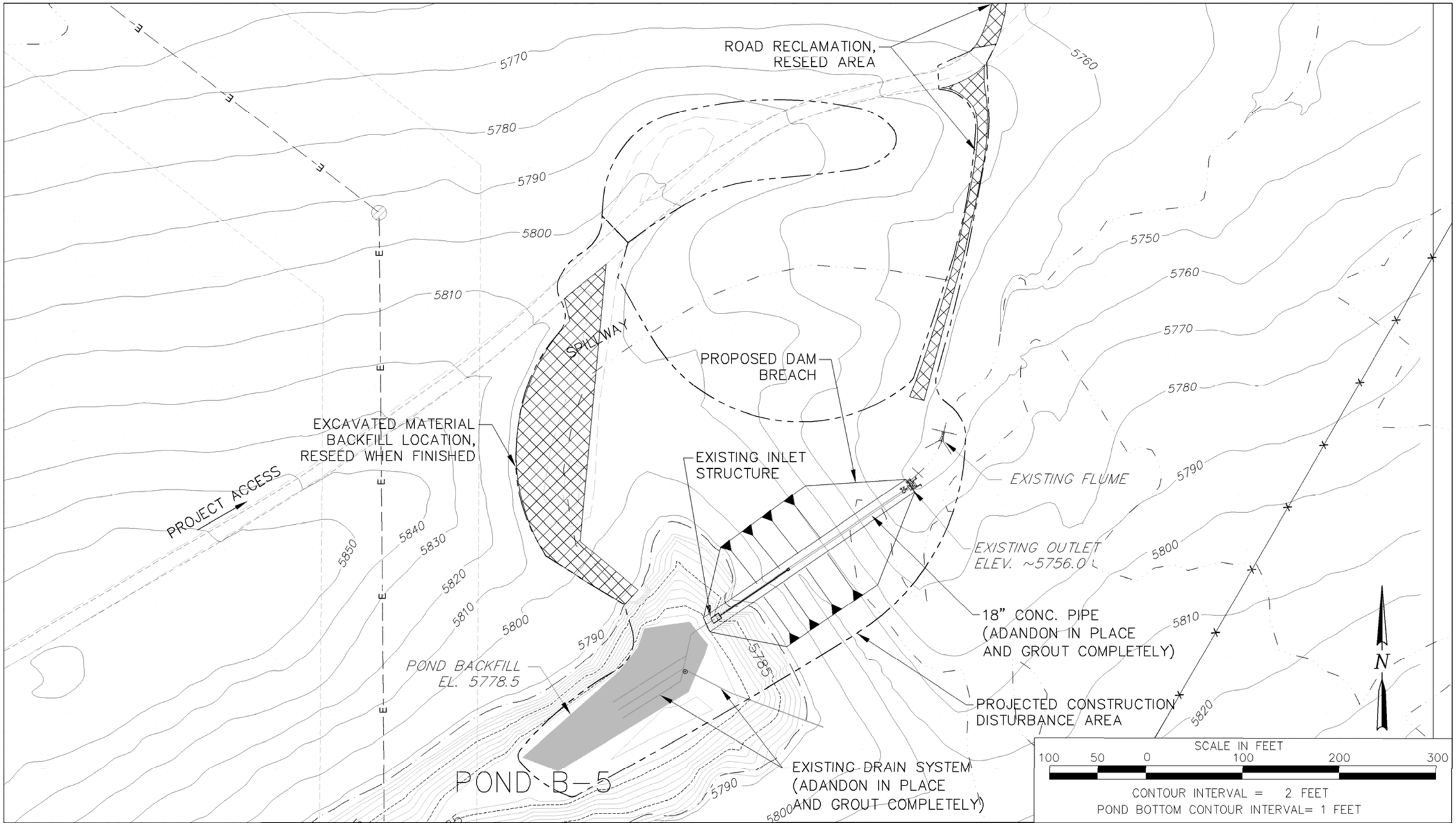

## DAM A-4 BREACH:
## CHANNEL PROFILE THROUGH DAM SECTION

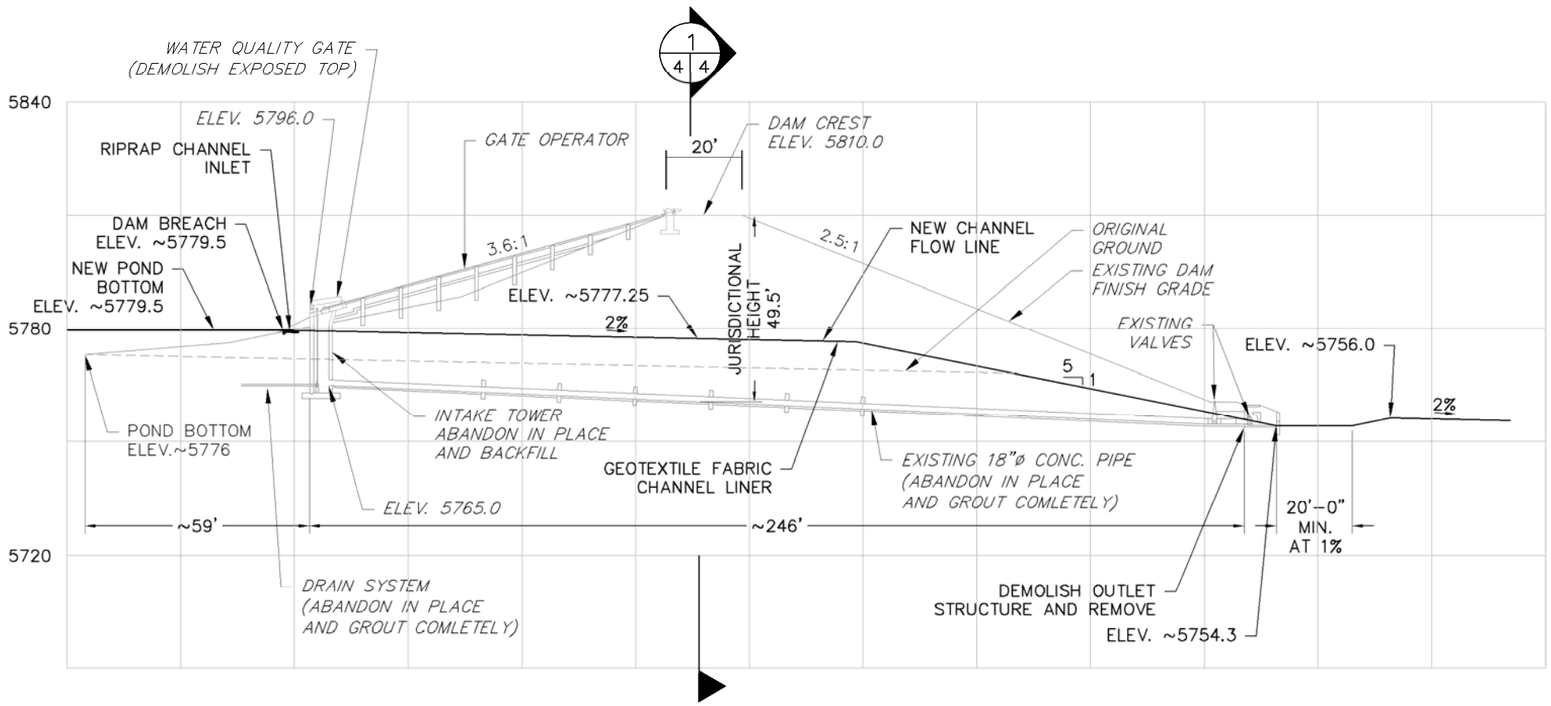
SCALE: HORIZONTAL 1" =40'
VERTICAL 1"=20'




## DAM A-4 BREACH:
## SECTION THROUGH DAM PROFILE (LOOKING DOWNSTREAM)

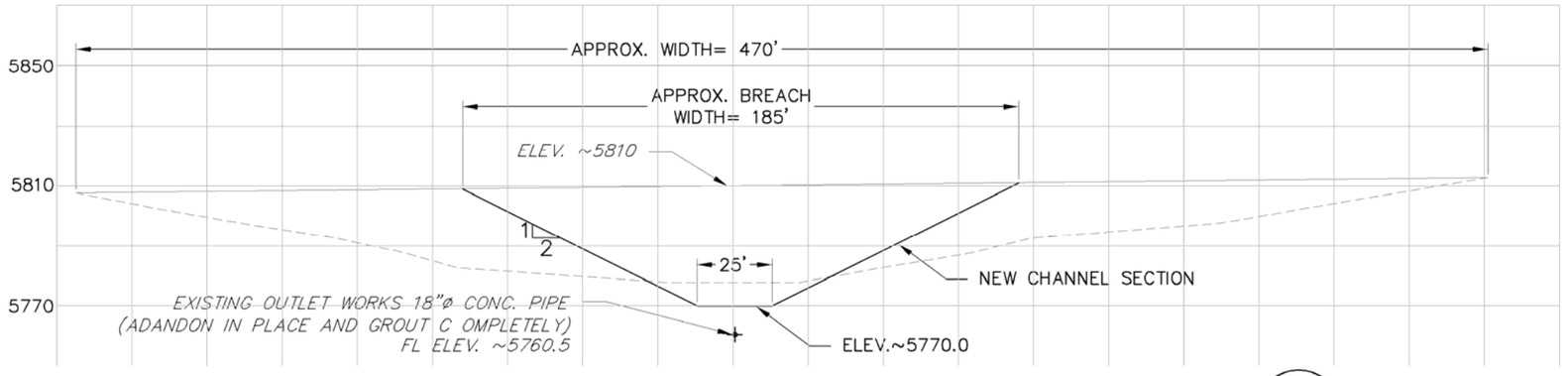
SCALE: 1" =80'


ROAD RECLAMATION,
RESEED AREA
PROPOSED DAM
BREACH
SPILLWAY
EXCAVATED MATERIAL
BACKFILL LOCATION,
RESEED WHEN FINISHED
PROJECT ACCESS
EXISTING INLET
STRUCTURE
EXISTING FLUME
EXISTING OUTLET
ELEV. ~5756.0
18" CONC. PIPE
(ADANDON IN PLACE
AND GROUT COMPLETELY)
PROJECTED CONSTRUCTION
DISTURBANCE AREA
POND BACKFILL
EL. 5778.5
POND B-5
EXISTING DRAIN SYSTEM
(ADANDON IN PLACE
AND GROUT COMPLETELY)
5770
5780
5790
5800
5810
5760
5750
5840
5830
5820
5850
5785
N
SCALE IN FEET
100 50 0 100 200 300
CONTOUR INTERVAL = 2 FEET
POND BOTTOM CONTOUR INTERVAL= 1 FEET




## DAM B-5 BREACH:
## CHANNEL PROFILE THROUGH DAM SECTION

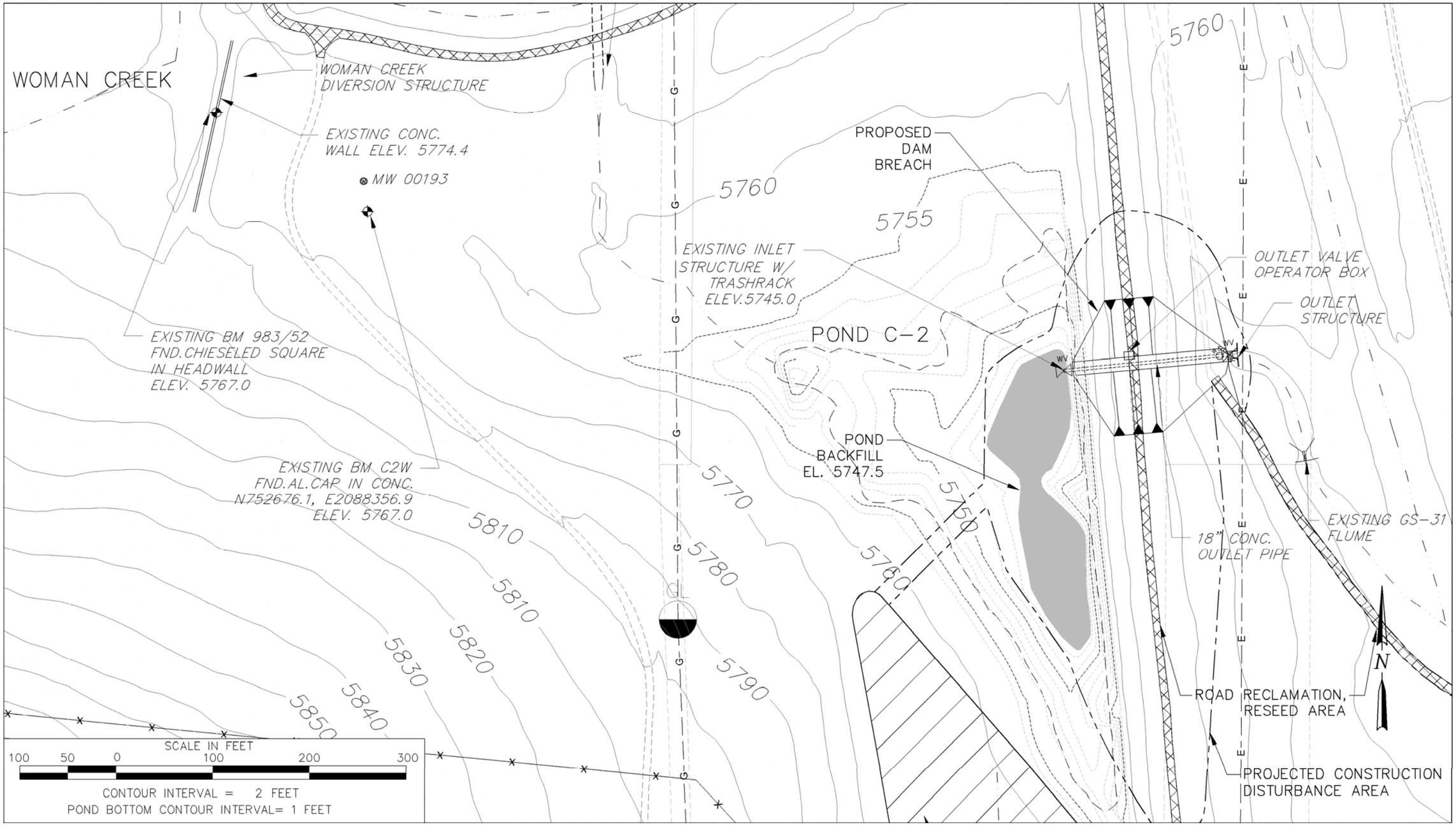
SCALE: HORIZONTAL 1" =40'
VERTICAL 1"=20'

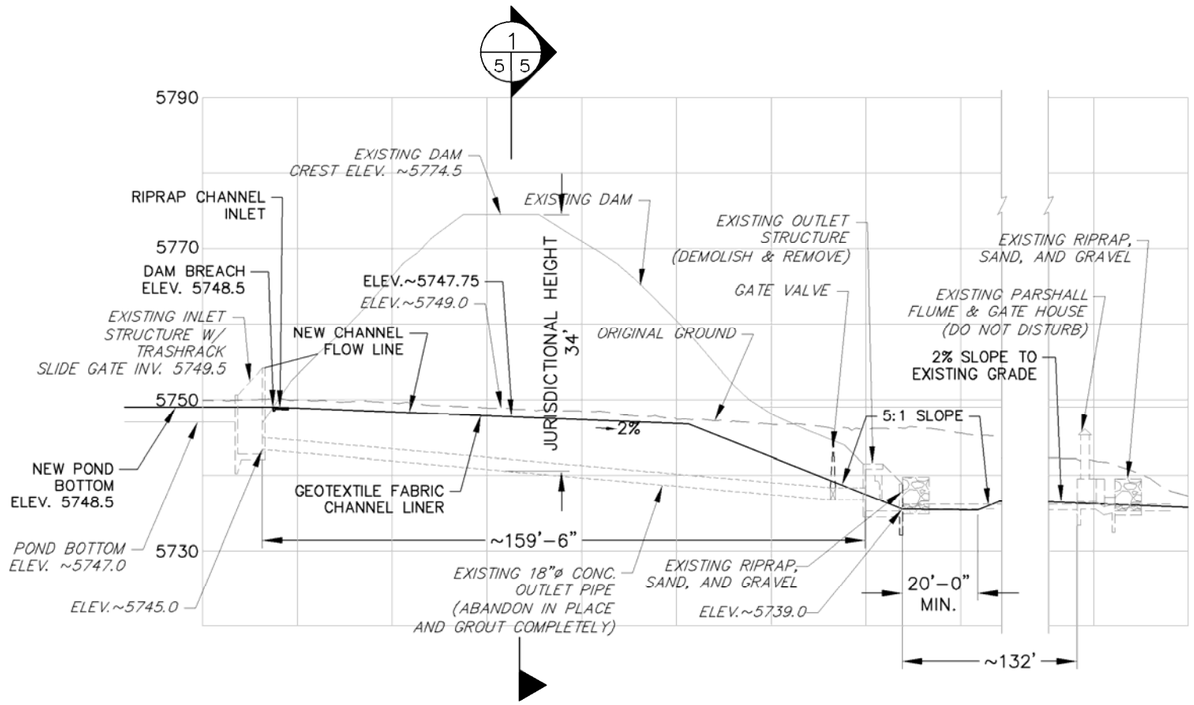



1 / 4 4

## DAM B-5 BREACH:
## SECTION THROUGH DAM PROFILE (LOOKING DOWNSTREAM)

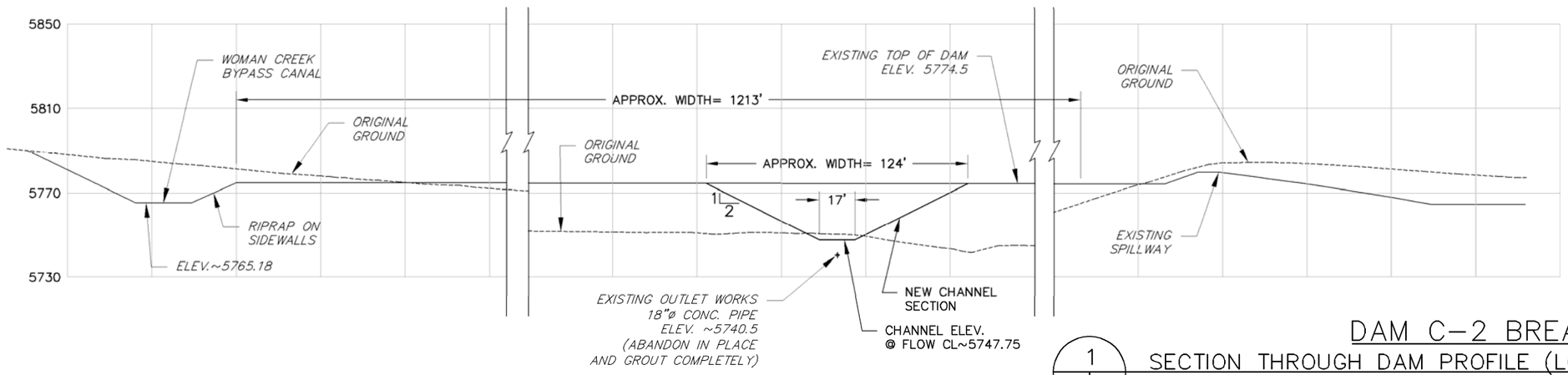
SCALE: 1" =50'


WOMAN CREEK
WOMAN CREEK DIVERSION STRUCTURE
EXISTING CONC. WALL ELEV. 5774.4
MW 00193
EXISTING BM 983/52 FND.CHIESELED SQUARE IN HEADWALL ELEV. 5767.0
EXISTING BM C2W FND.AL.CAP IN CONC. N.752676.1, E2088356.9 ELEV. 5767.0
PROPOSED DAM BREACH
EXISTING INLET STRUCTURE W/ TRASHRACK ELEV.5745.0
POND C-2
POND BACKFILL EL. 5747.5
OUTLET VALVE OPERATOR BOX
OUTLET STRUCTURE
EXISTING GS-31 FLUME
18" CONC. OUTLET PIPE
ROAD RECLAMATION, RESEED AREA
PROJECTED CONSTRUCTION DISTURBANCE AREA
5760
5755
5770
5750
5780
5790
5810
5820
5830
5840
5850
N
SCALE IN FEET
100 50 0 100 200 300
CONTOUR INTERVAL = 2 FEET
POND BOTTOM CONTOUR INTERVAL= 1 FEET




## DAM C-2 BREACH:
## CHANNEL PROFILE THROUGH DAM SECTION

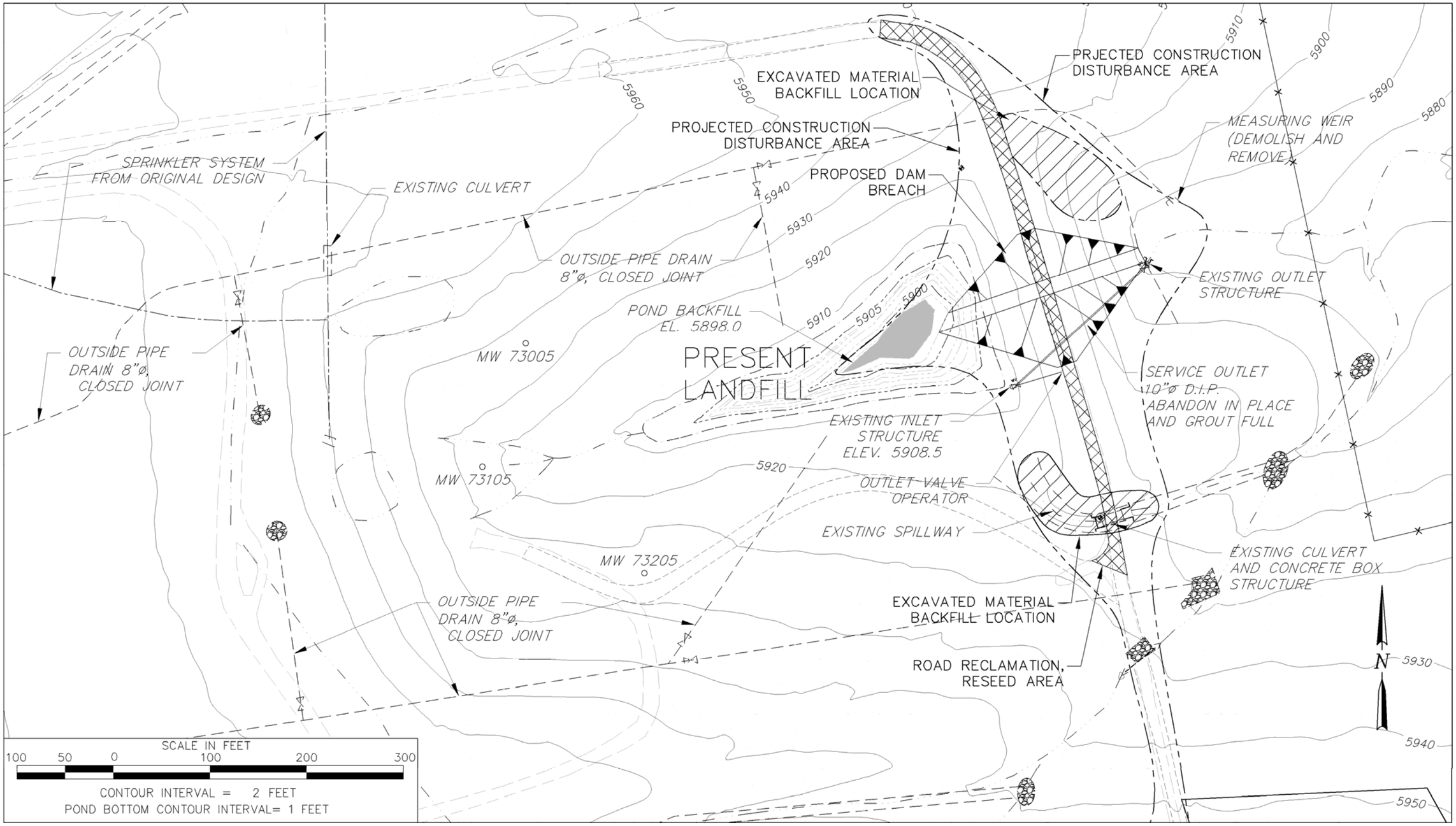
SCALE: HORIZONTAL 1" =40'
VERTICAL 1"=20'

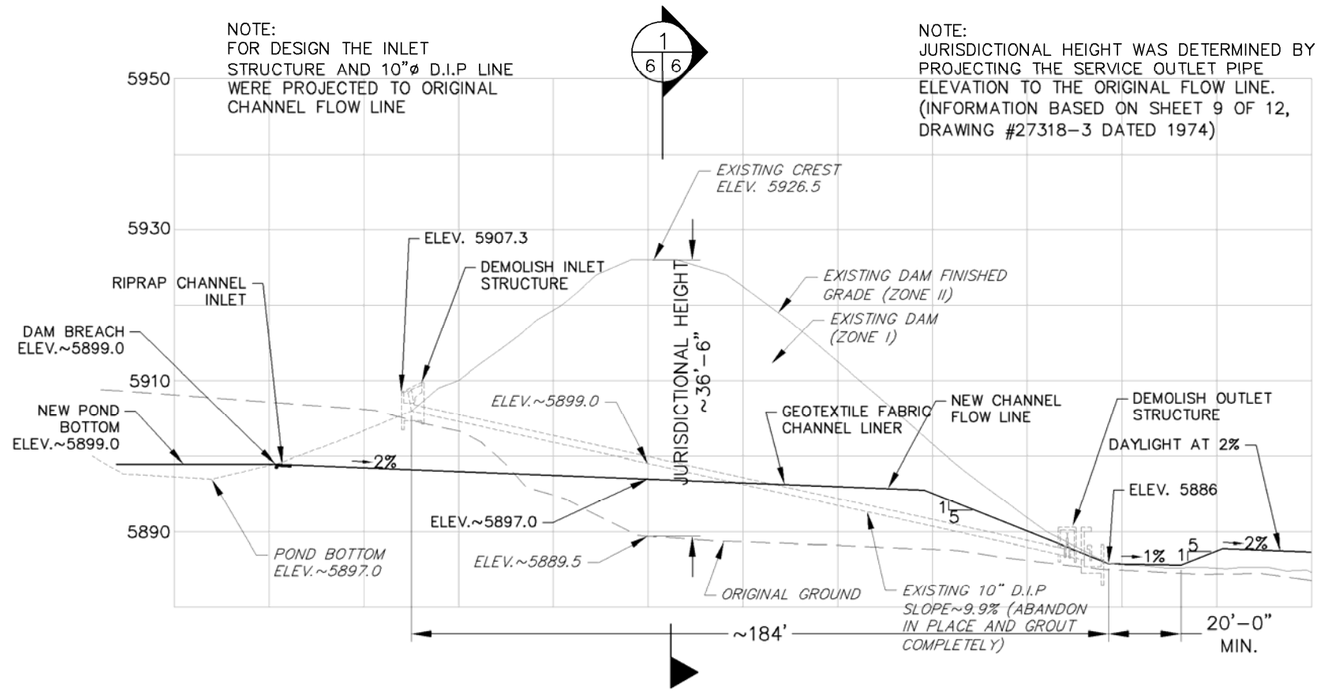



1
5 5

## DAM C-2 BREACH:
## SECTION THROUGH DAM PROFILE (LOOKING DOWNSTREAM)

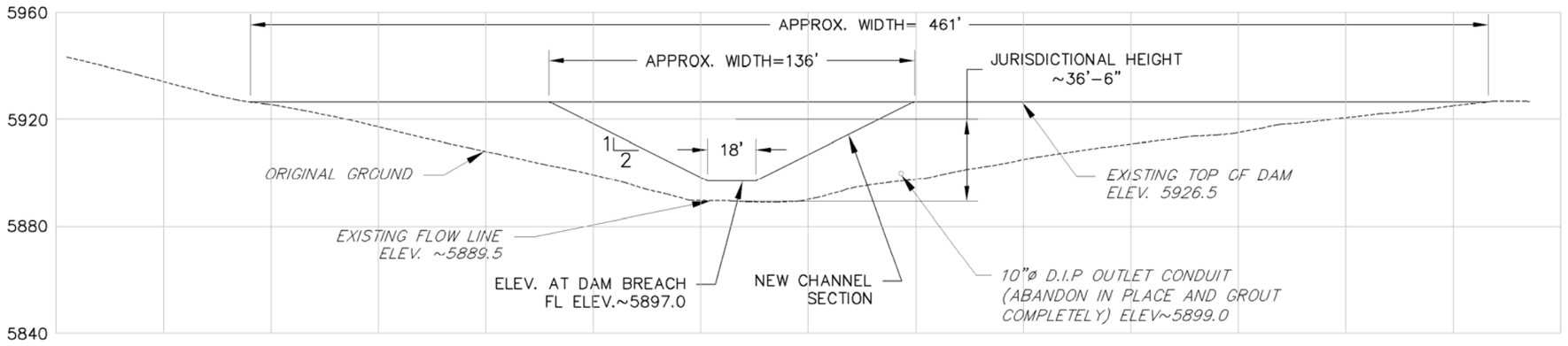
SCALE: 1" =60'


PRJECTED CONSTRUCTION DISTURBANCE AREA
EXCAVATED MATERIAL BACKFILL LOCATION
PROJECTED CONSTRUCTION DISTURBANCE AREA
PROPOSED DAM BREACH
MEASURING WEIR (DEMOLISH AND REMOVE)
SPRINKLER SYSTEM FROM ORIGINAL DESIGN
EXISTING CULVERT
OUTSIDE PIPE DRAIN 8"ø, CLOSED JOINT
EXISTING OUTLET STRUCTURE
POND BACKFILL EL. 5898.0
MW 73005
PRESENT LANDFILL
OUTSIDE PIPE DRAIN 8"ø, CLOSED JOINT
SERVICE OUTLET 10"ø D.I.P. ABANDON IN PLACE AND GROUT FULL
EXISTING INLET STRUCTURE ELEV. 5908.5
MW 73105
OUTLET VALVE OPERATOR
EXISTING SPILLWAY
MW 73205
EXISTING CULVERT AND CONCRETE BOX STRUCTURE
OUTSIDE PIPE DRAIN 8"ø, CLOSED JOINT
EXCAVATED MATERIAL BACKFILL LOCATION
ROAD RECLAMATION, RESEED AREA
N
5960
5950
5940
5930
5920
5910
5905
5900
5890
5880
SCALE IN FEET
100 50 0 100 200 300
CONTOUR INTERVAL = 2 FEET
POND BOTTOM CONTOUR INTERVAL= 1 FEET




## PRESENT LANDFILL DAM BREACH:
## CHANNEL PROFILE THROUGH DAM SECTION

SCALE: HORIZONTAL 1" =40'
VERTICAL 1"=20'




## PRESENT LANDFILL DAM BREACH:
## SECTION THROUGH DAM PROFILE (LOOKING DOWNSTREAM)

SCALE: 1" =50'