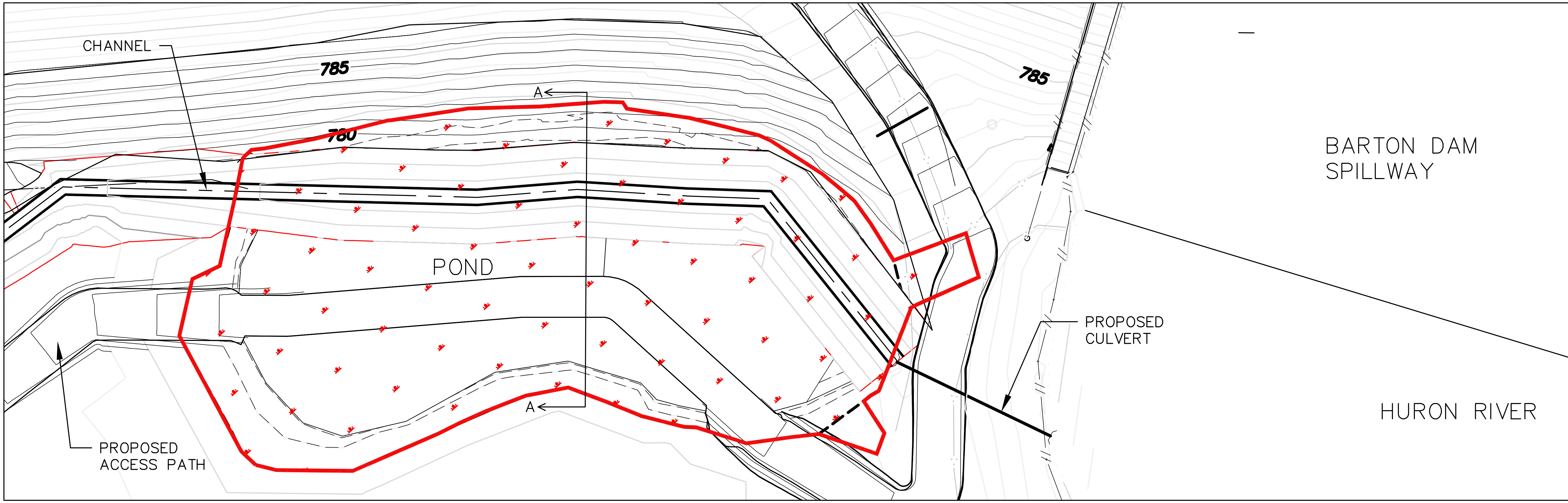


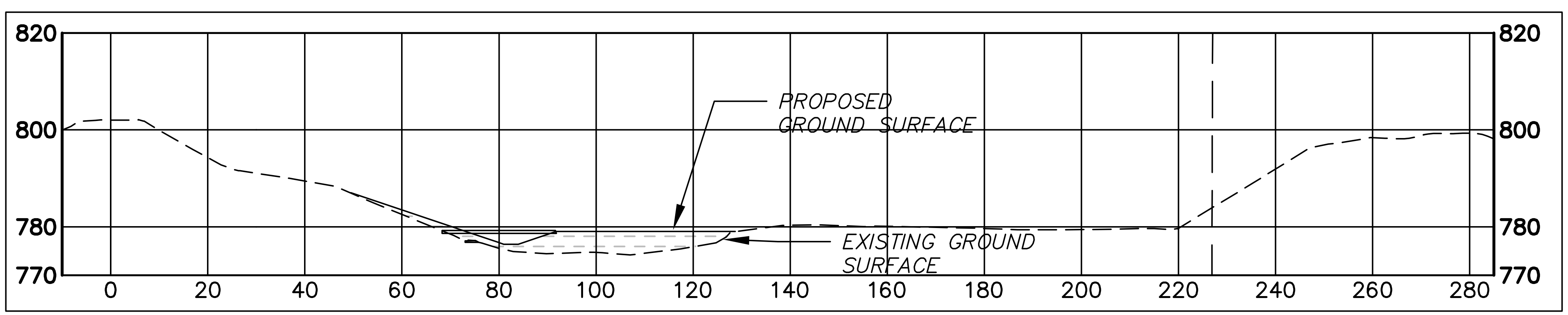
N

PLAN SCALE

0' 20' 40'

SCALE

PLAN DRAWING



CROSS SECTION A–A

CROSS–SECTION SCALE

0' 40'

HORZ SCALE

0' 40'

VERT SCALE

NOTES:

1. CONSTRUCTION METHOD: FILL
2. DATUM = N.A.V.D. (1988)
3. WETLAND IMPACT: 5,423 SF
4. BLACK CONTOURS = PROPOSED
   GRAY CONTOURS = EXISTING

POND PLAN

APPLICANT: CITY OF ANN ARBOR WATER TREATMENT SERVICES UNIT

WATERWAY: POND

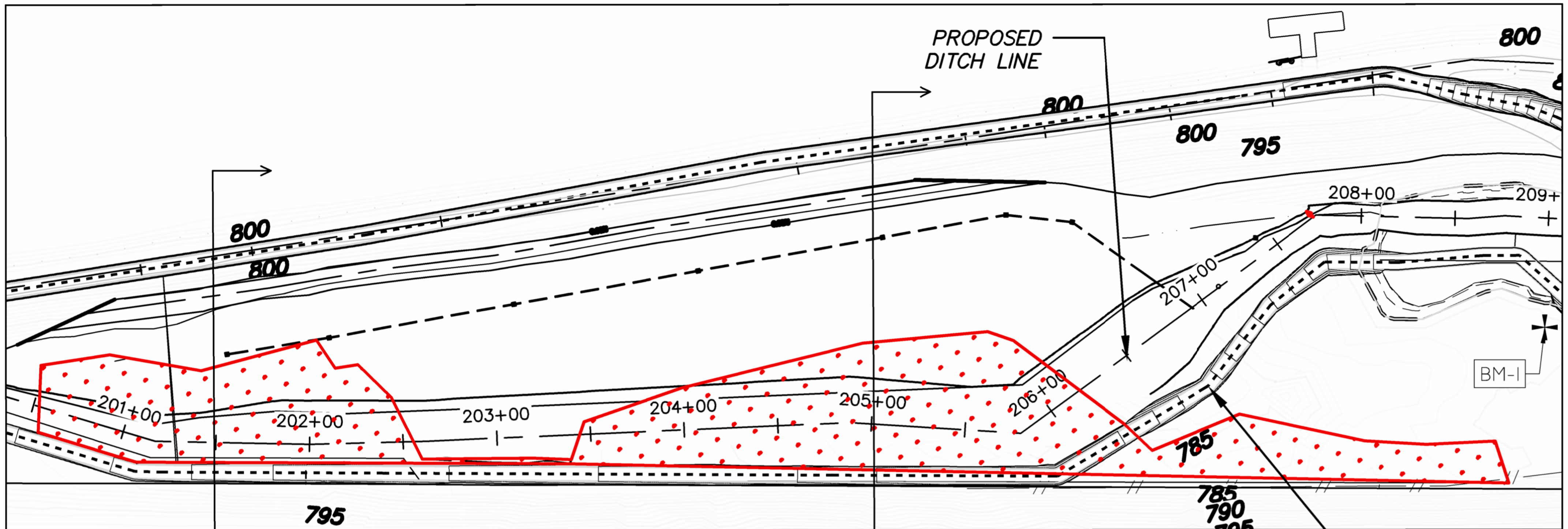
CITY/TOWNSHIP: ANN ARBOR

COUNTY: WASHTENAW

NUMBER OF SHEETS: 1 of 8

DATE: 11.10.2023

GW 6/25/2024



PLAN

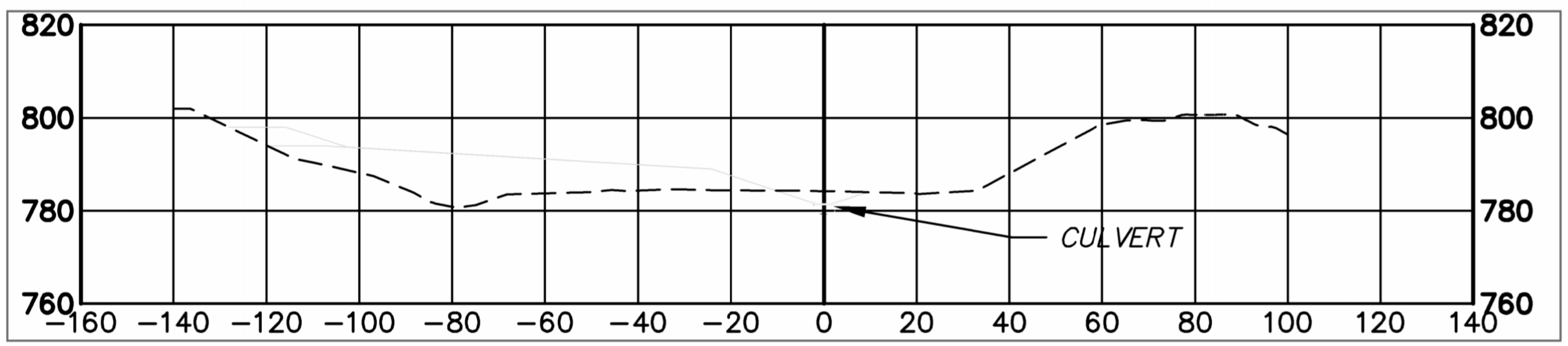
NOTES:
1. CONSTRUCTION METHOD: FILL/OPEN CUT
2. DATUM = N.A.V.D. (1988)
3. WETLAND IMPACTS 33,913 SF
3.A. CUT VOLUME: 505 CY
3.B. FILL VOLUME: 5358 CY
4. IMPACTS:
4.A. PERMANENT ACCESS PATH BUILT THROUGH WETLAND (8' WIDE DRIVING SURFACE)
4.B. CUT FROM RELOCATED DITCH
4.C. FILL FROM STABILIZATION BERM

PLAN SCALE

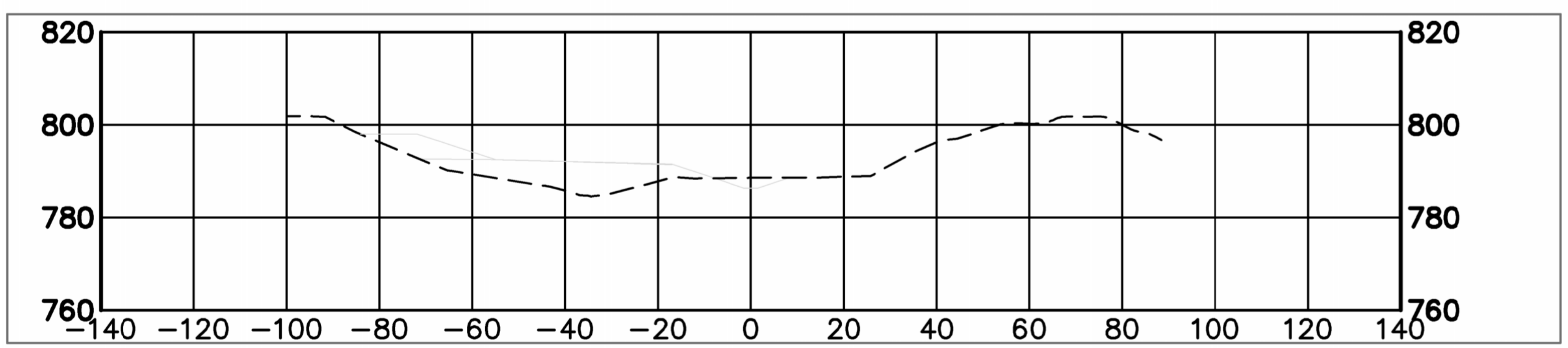
0' 75' 150'

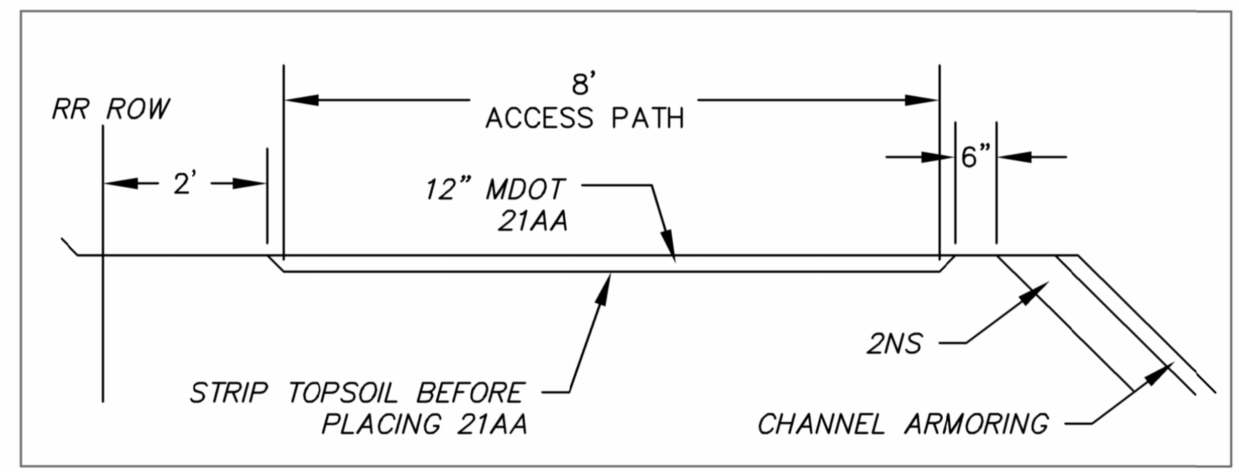
HORZ SCALE

CROSS SECTION STA 205+00



CROSS SECTION STA 201+50





ACCESS PATH TYPICAL CROSS SECTION

CROSS-SECTION SCALE

0' 40'

HORZ SCALE

0' 40'

VERT SCALE

WETLAND B PLAN

APPLICANT: CITY OF ANN ARBOR WATER TREATMENT SERVICES UNIT

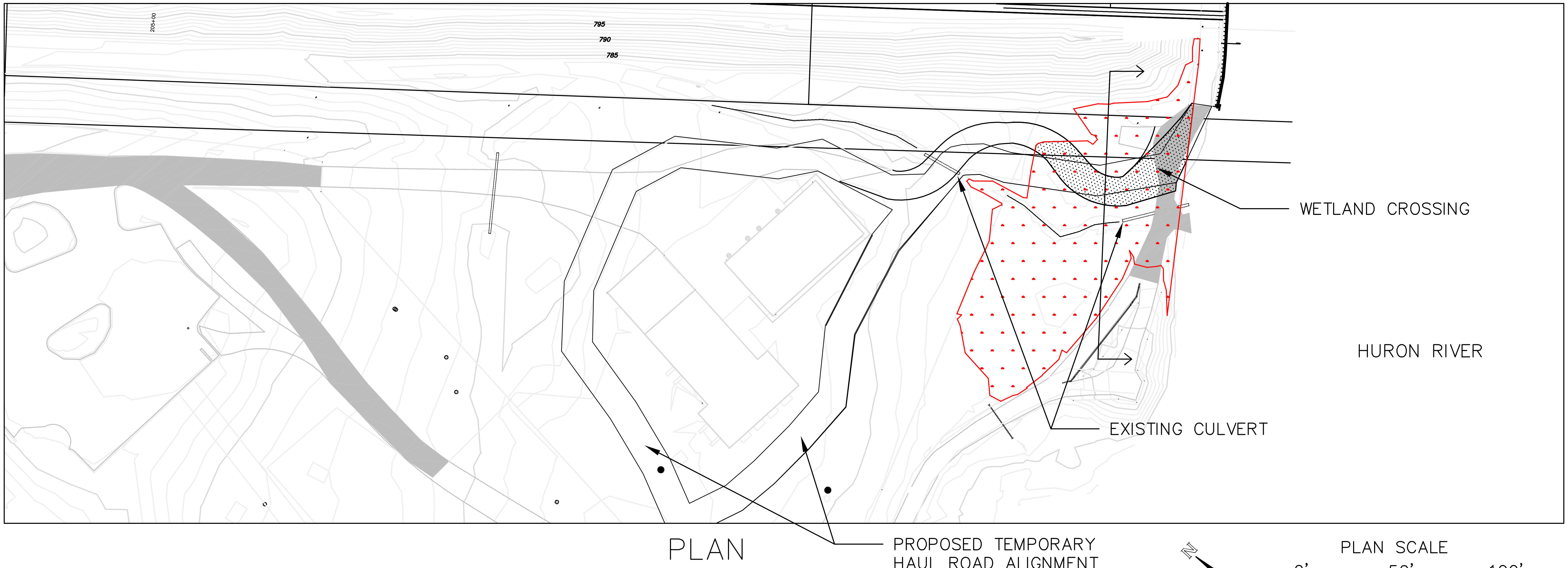
WATERWAY: WETLAND B

CITY/TOWNSHIP: ANN ARBOR

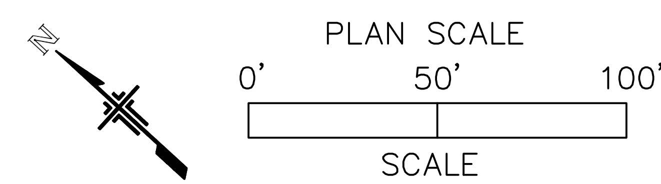
COUNTY: WASHTENAW

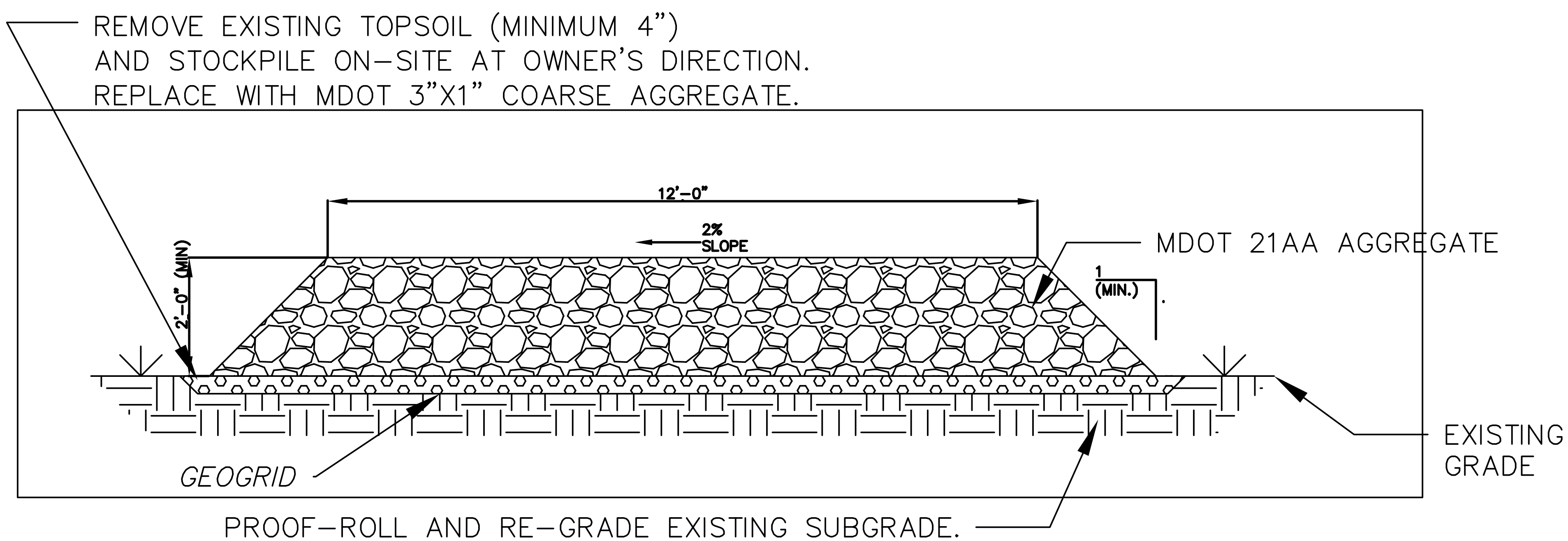
NUMBER OF SHEETS: 2 of 8

DATE: 11.10.2023



PLAN





TEMPORARY HAUL ROAD CROSS SECTION

NOTE:
1. CONSTRUCTION METHOD: FILL
2. DATUM = N.A.V.D (1988)
3. TEMPORARY IMPACT AREA: 1,474 SF

WETLAND D (TEMPORARY)

APPLICANT: CITY OF ANN ARBOR WATER TREATMENT SERVICES UNIT

WATERWAY: WETLAND D

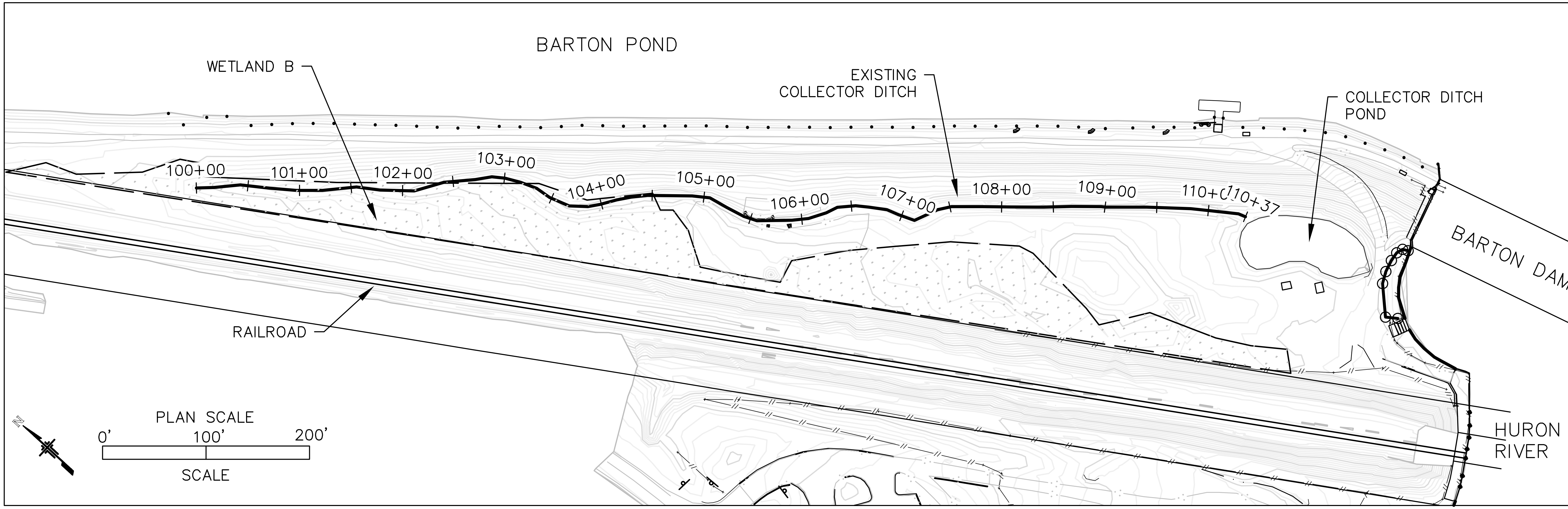
CITY/TOWNSHIP: ANN ARBOR

COUNTY: WASHTENAW

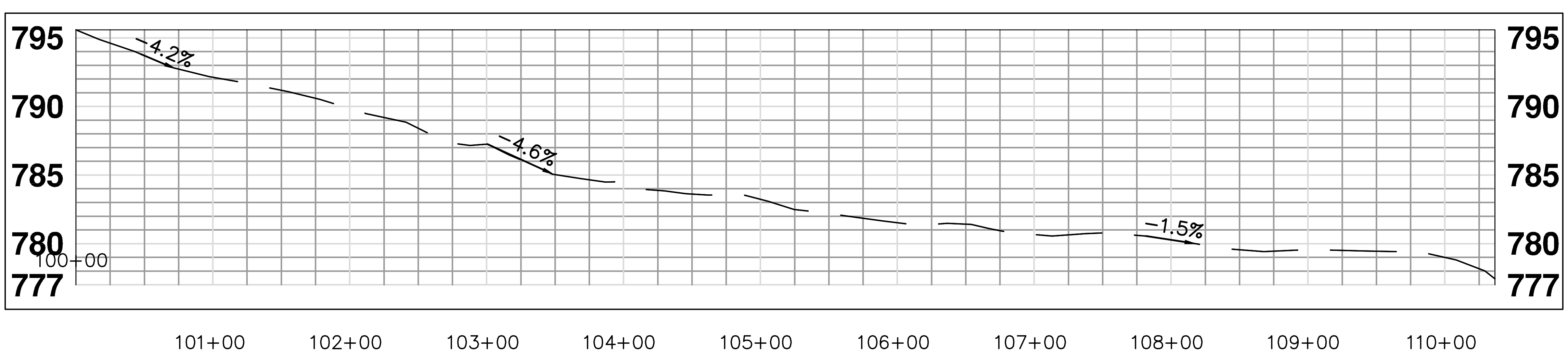
NUMBER OF SHEETS: 3 of 8

DATE: 11.10.2023

gw 6/25/2024



PLAN



PROFILE SCALE
0' 100'
SCALE

EXISTING COLLECTOR DITCH PROFILE

NOTES:

1. DATUM = N.A.V.D (1988)
2. BASELINE OF EXISTING COLLECTOR DITCH STA 100+00
3. OHWM OF STREAM IS 9 INCHES ABOVE BASE ELEVATION OF STREAM

EXISTING CHANNEL PLAN AND PROFILE

APPLICANT: CITY OF ANN ARBOR WATER TREATMENT SERVICES UNIT

WATERWAY: EXISTING CHANNEL

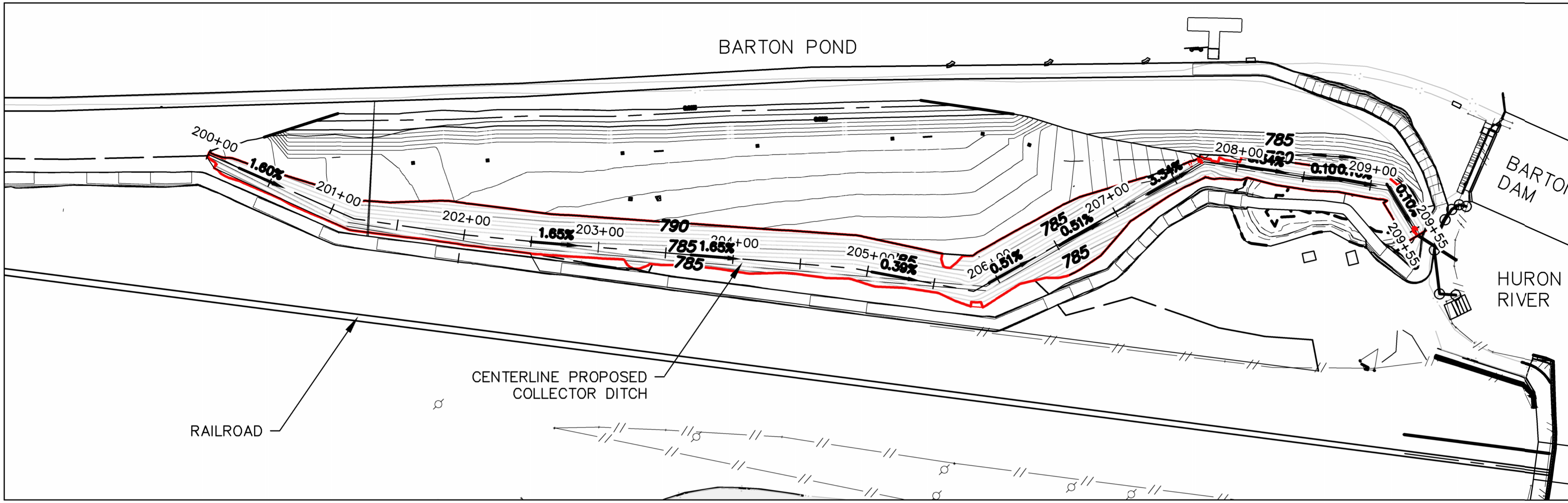
CITY/TOWNSHIP: ANN ARBOR

COUNTY: WASHTENAW

NUMBER OF SHEETS: 4 of 8

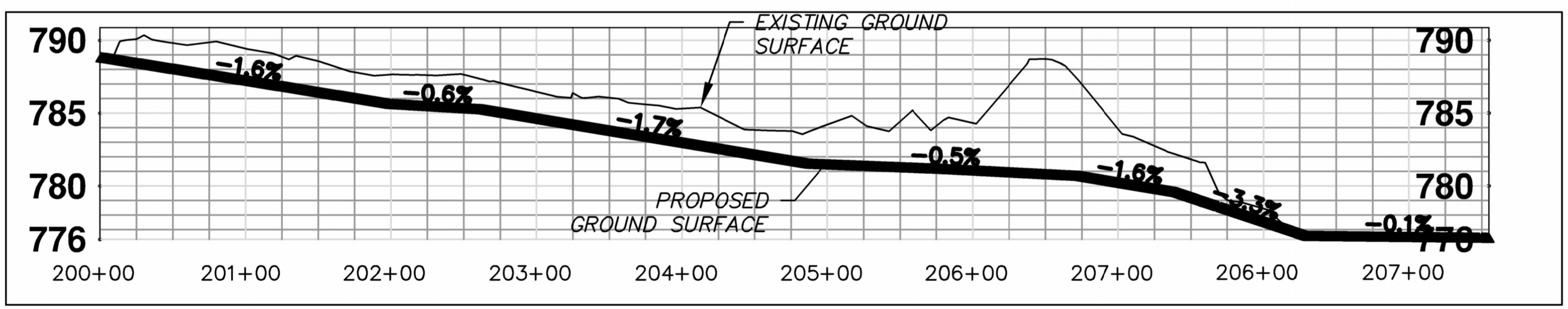
DATE: 11.10.2023

gw 6/25/2024



PLAN

PLAN SCALE
0' 75' 150'
SCALE



NOTES:
1. CONSTRUCTION METHOD: FILL/OPEN CUT
2. DATUM = N.A.V.D. (1988)
3. STREAM IMPACT: 869 LF

PROFILE SCALE
0' 100'
SCALE

PROPOSED COLLECTOR DITCH PROFILE

PROPOSED CHANNEL PLAN AND PROFILE

APPLICANT: CITY OF ANN ARBOR WATER TREATMENT SERVICES UNIT

WATERWAY: PROPOSED DITCH

CITY/TOWNSHIP: ANN ARBOR

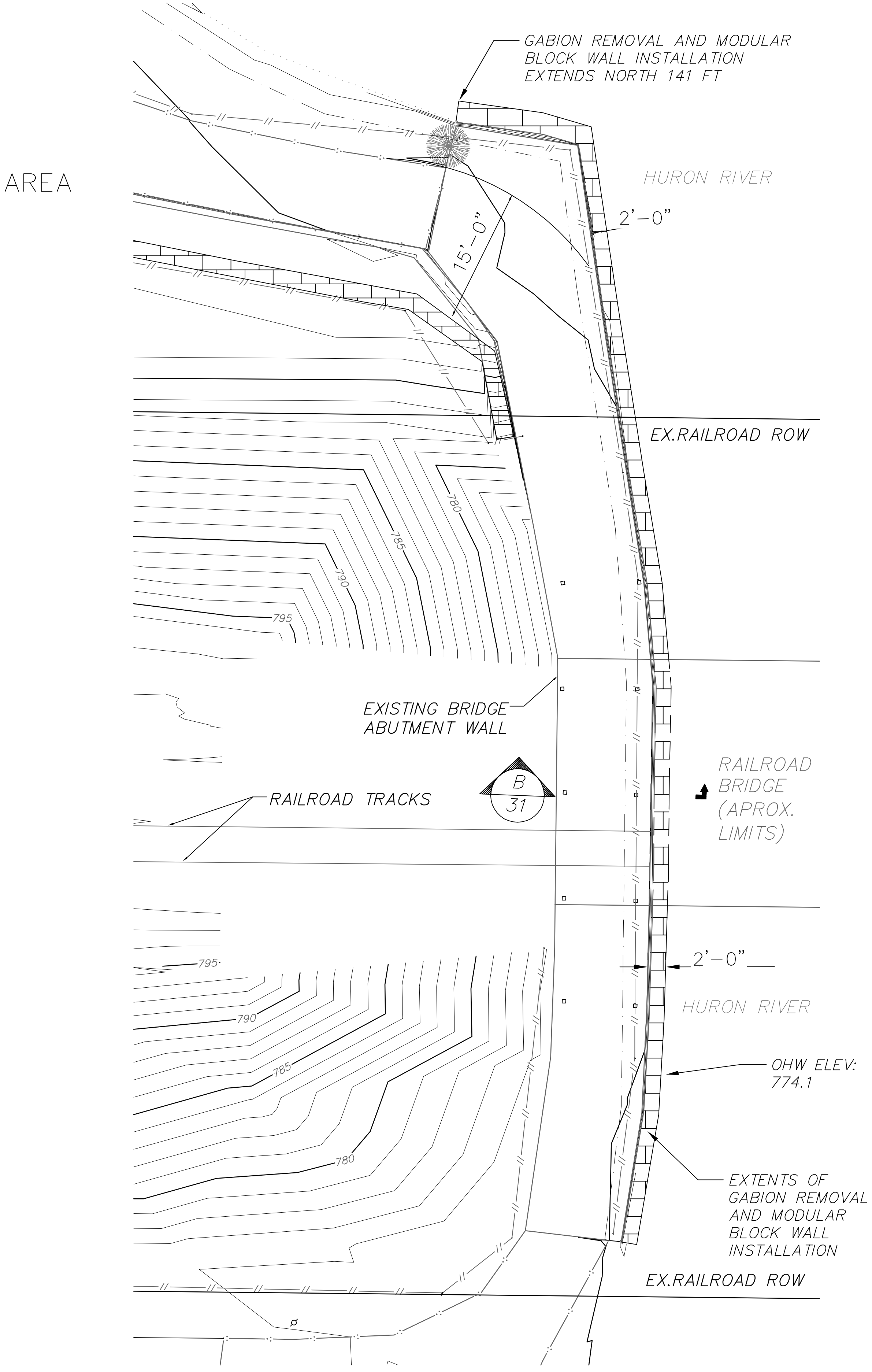
COUNTY: WASHTENAW

NUMBER OF SHEETS: 5 of 8

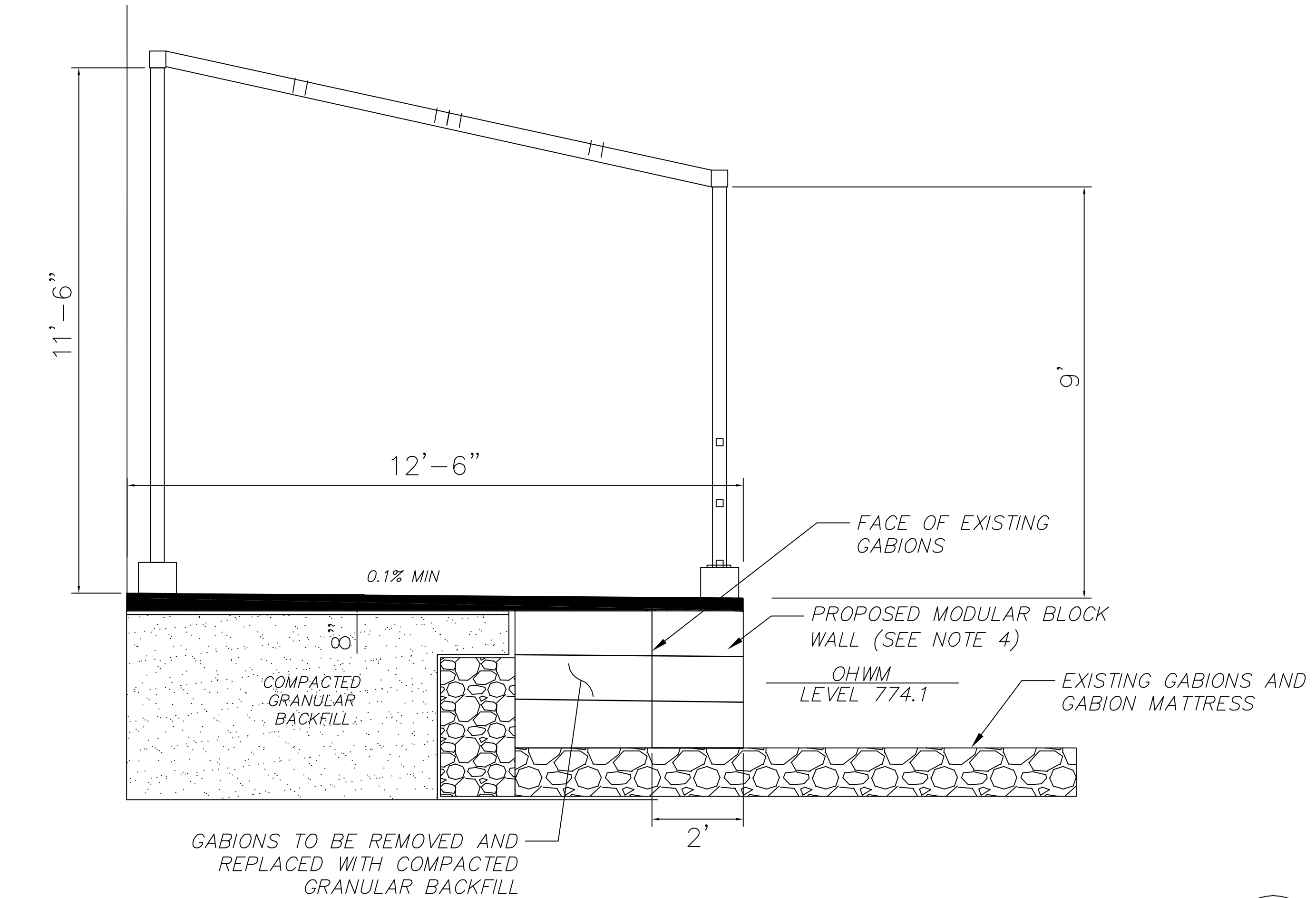
DATE: 11.10.2023

GW 6/25/2024

NORTH AREA



GABION WALL REMOVAL AND MODULAR BLOCK WALL PLAN
N.T.S.



PROPOSED MODULAR BLOCK WALL AND WALKWAY WIDENING
N.T.S
B
31

NOTES:
1. ALL CONSTRUCTION IN HURON RIVER TO BE COMPLETED IN THE WET.
2. DATUM: N.A.V.D. 88
3. HURON RIVER FILL TOTAL IMPACT: 160 CY
   3.A. UNDERPASS EXTENSION: 80 CY
   3.B. GABION REMOVAL ALONG ENTIRE SHORELINE BETWEEN STAIRS AND END OF UNDERPASS: 79 CY
4. EXISTING GABIONS REMOVED AND REPLACED WITH MODULAR BLOCK WALL

HURON RIVER PLAN

APPLICANT: CITY OF ANN ARBOR WATER TREATMENT SERVICES UNIT

WATERWAY: HURON RIVER

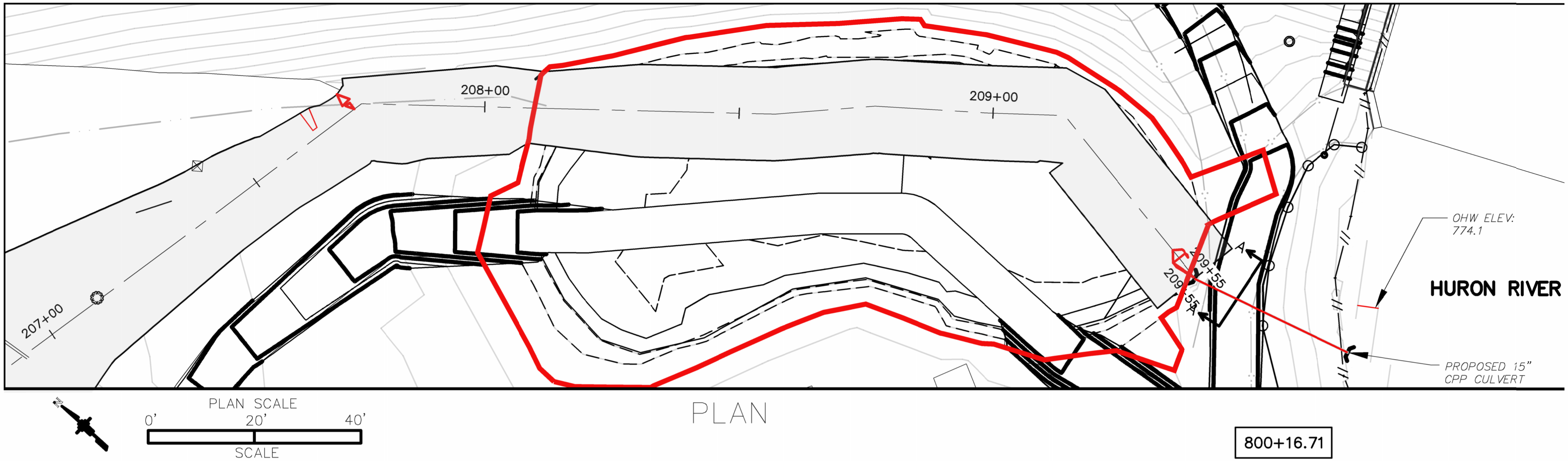
CITY/TOWNSHIP: ANN ARBOR

COUNTY: WASHTENAW

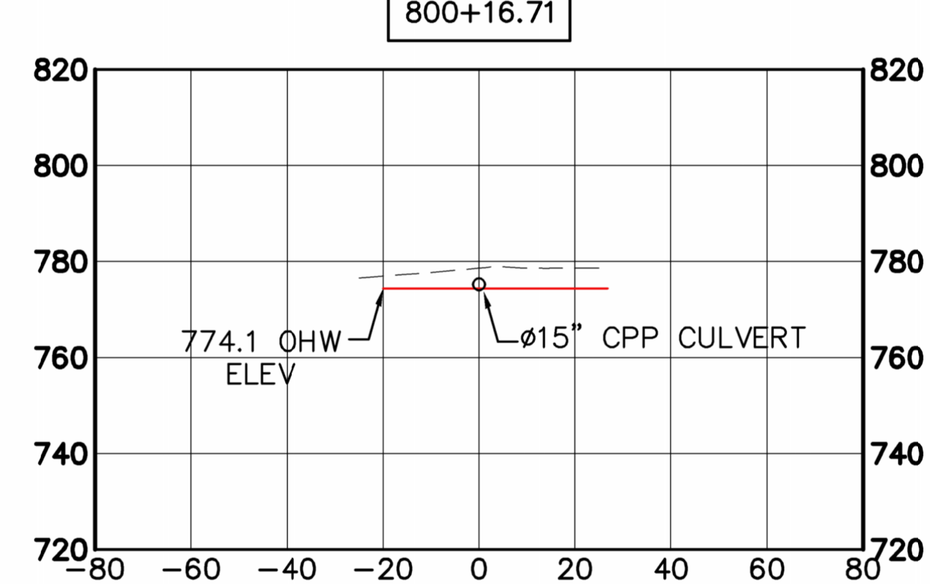
NUMBER OF SHEETS: 6 of 8

DATE: 11.10.2023

gw 6/25/2024

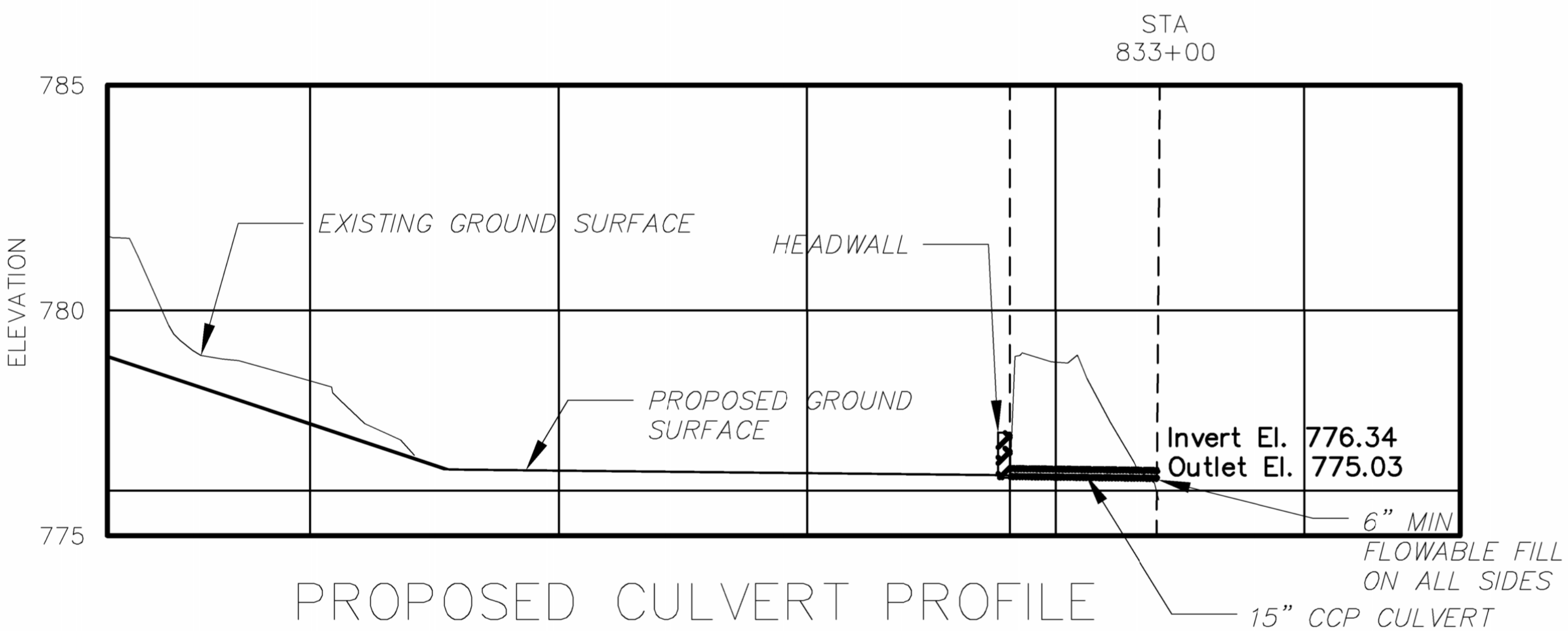


PLAN



CROSS SECTION A-A

CROSS-SECTION SCALE
0' 80'



PROPOSED CULVERT PROFILE

PROFILE SCALE
0' 100'
SCALE

NOTES:

1. CONSTRUCTION METHOD: OPEN CUT
2. DATUM = N.A.V.D. (1988)
3. 15" CULVERT WALL, THICKNESS APPROXIMATELY 13" – CULVERT LENGTH 33'
4. OHWM STREAM 9" ABOVE BASE ELEVATION OF STREAM
5. CULVERT CUT: 15.4 CY
   CULVERT FILL: 15.4 CY

PROPOSED CULVERT PLAN

APPLICANT: CITY OF ANN ARBOR WATER TREATMENT SERVICES UNIT

WATERWAY: COLLECTOR CHANNEL

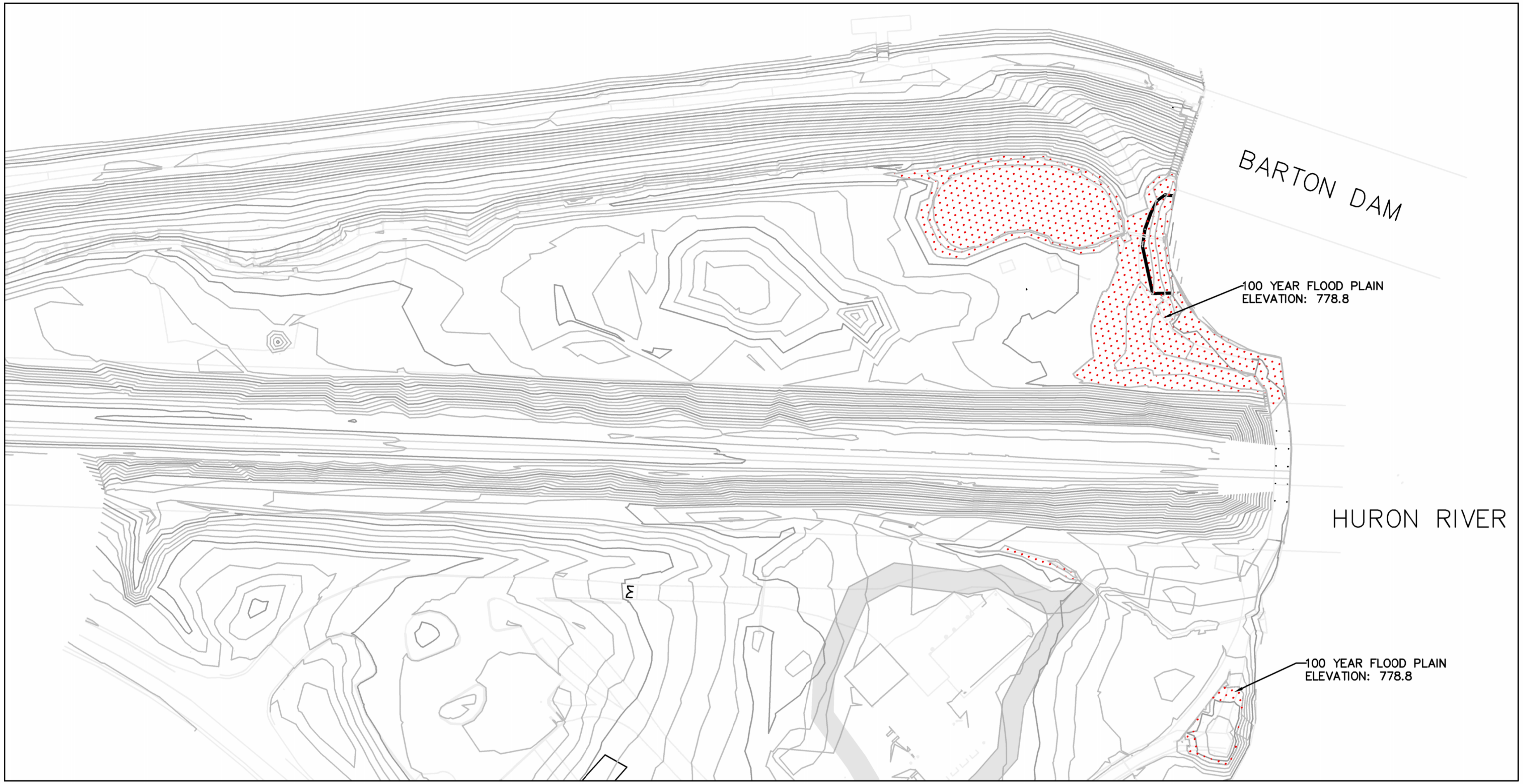
CITY/TOWNSHIP: ANN ARBOR

COUNTY: WASHTENAW

NUMBER OF SHEETS: 7 of 8

DATE: 11.10.2023

GW 6/25/2024



N

PLAN SCALE

0' 100' 200'

SCALE

PLAN DRAWING

FLOODPLAIN DEMARCATION

APPLICANT: CITY OF ANN ARBOR WATER TREATMENT SERVICES UNIT

WATERWAY: HURON RIVER

CITY/TOWNSHIP: ANN ARBOR

COUNTY: WASHTENAW

NUMBER OF SHEETS: 8 of 8

DATE: 2.15.2024

NOTE:
1. CONSTRUCTION METHOD: OPEN CUT
2. DATUM = N.A.V.D. (1988)
3. IMPACTS
   - 3.A. CUT BELOW 100-YR FLOODPLAIN: 208 CY
   - 3.B. FILL BELOW 100-YR FLOODPLAIN: 532 CY

GW 6/25/2024