

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

WEXFORD POND DREDGING

PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE
6/20/2023

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Jun 22, 2023

City Engineer

Date

POND & STORM
DESIGNED BY:

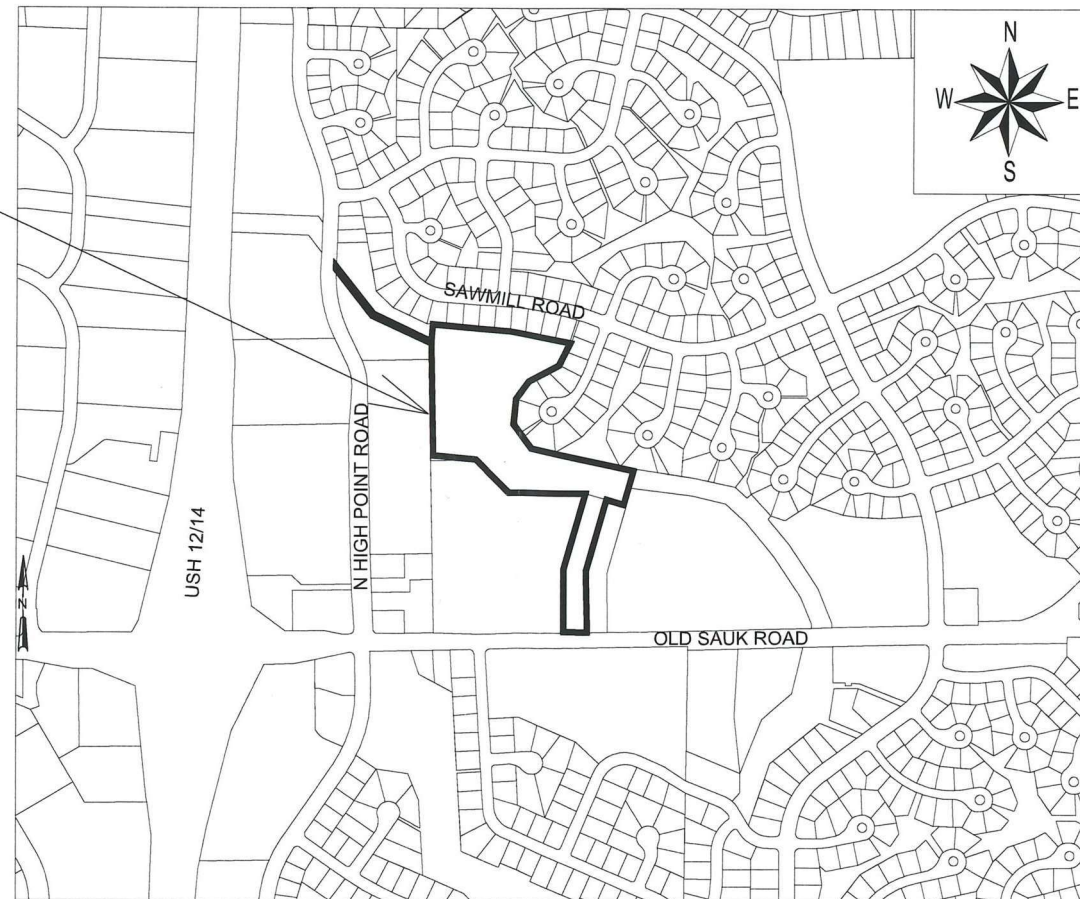


INDEX OF SHEETS

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CITY PROJECT NO. 12750
CONTRACT NO. 8876

PROJECT LOCATION



Revision #1
Revised 10/24/23 - Updated Sheet 13

Revision #2
Revised 12/21/23 - Updated Sheet 3

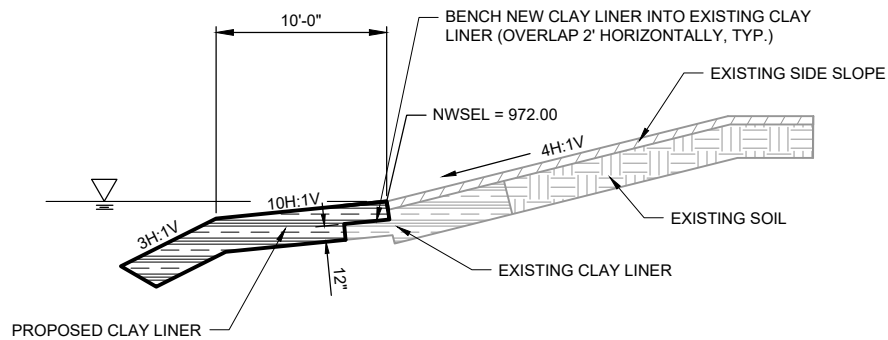
Revision #3
Revised 01/17/24 - Updated Sheet 4

PLOT SCALE: 6" = 1'-0" XREF

PLOT NAME: 11X17

REV. DATE: 6/1/2023 8:54 AM

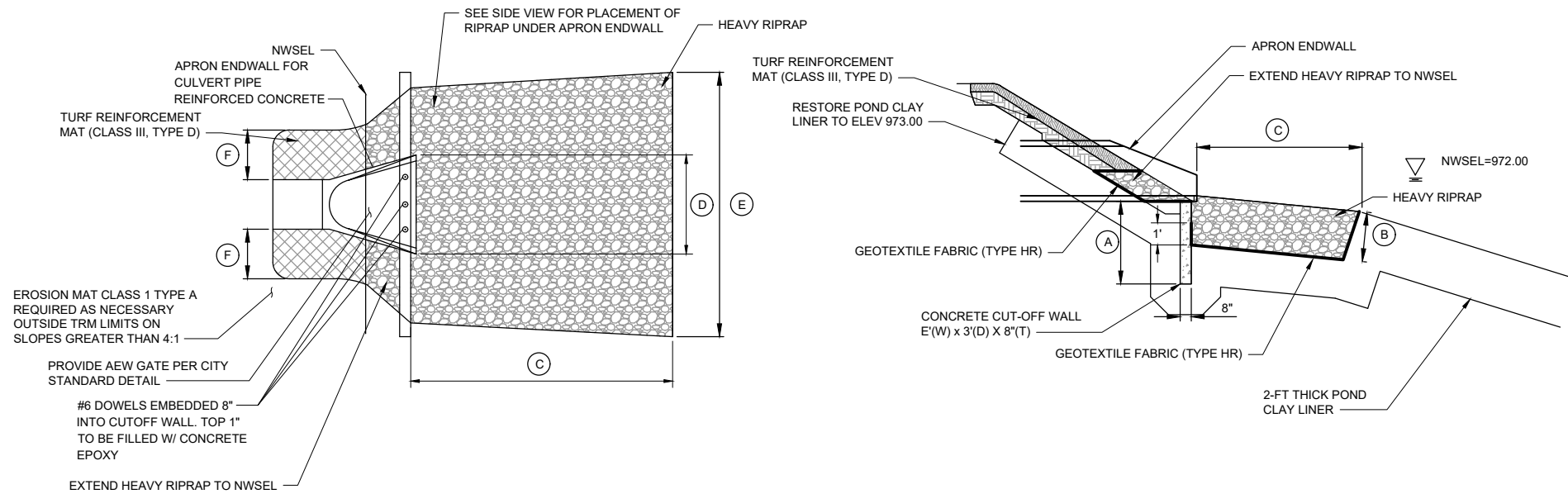
ORIGINATOR: CITY OF MADISON



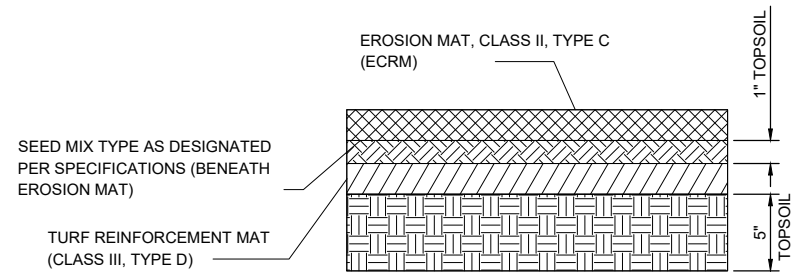
CLAY LINER CONNECTION DETAIL
NO SCALE

PIPE DIAMETER	(A)	(B)	(C)	(D)	(E)	(F)
48"	3'-0"	2'-0"	9'-0"	7'-0"	10'	6'-0"
72"	3'-0"	2'-0"	11'-0"	9'-0"	15'-6"	6'-0"

• PROVIDE CONCRETE PIPE JOINT TIES PER CITY OF MADISON STANDARD DETAIL DRAWING 5.4.6.

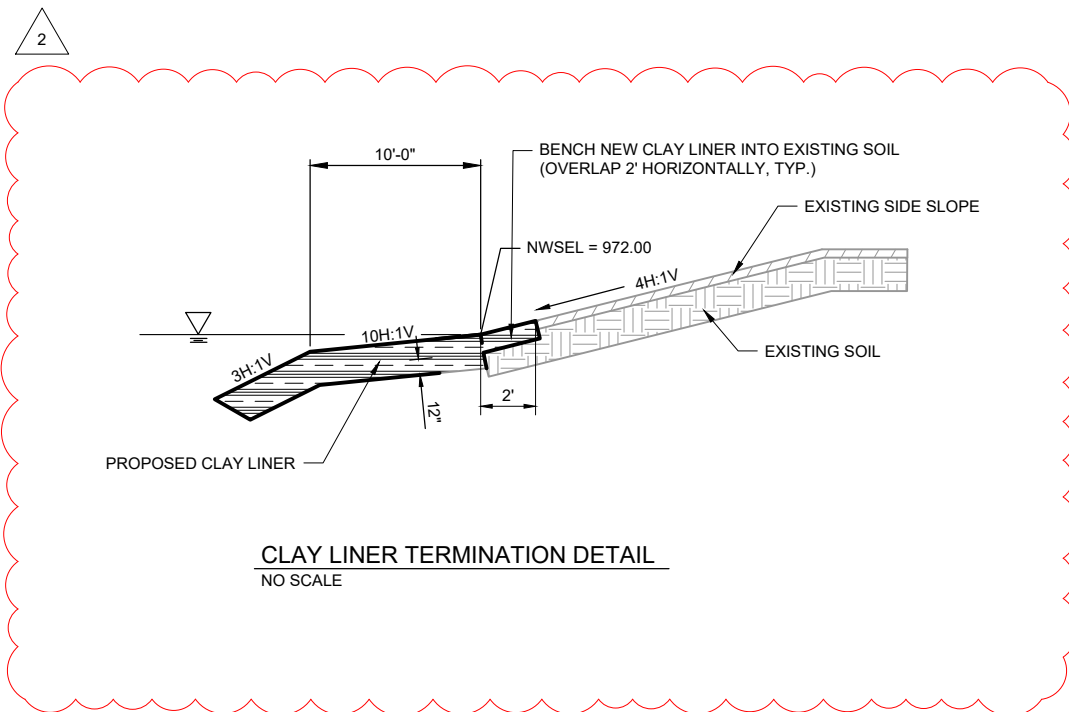


CONCRETE APRON ENDWALL & FIELD STONE RIPRAP
NO SCALE



NOTE:
1. TOPSOIL CAN BE EXISTING TOPSOIL OR PARTIALLY NEW/PARTIALLY EXISTING.
2. SEE DRAWINGS AND CROSS SECTIONS FOR LOCATIONS AND USE.

TURF REINFORCEMENT MAT (TRM) SYSTEM
NO SCALE



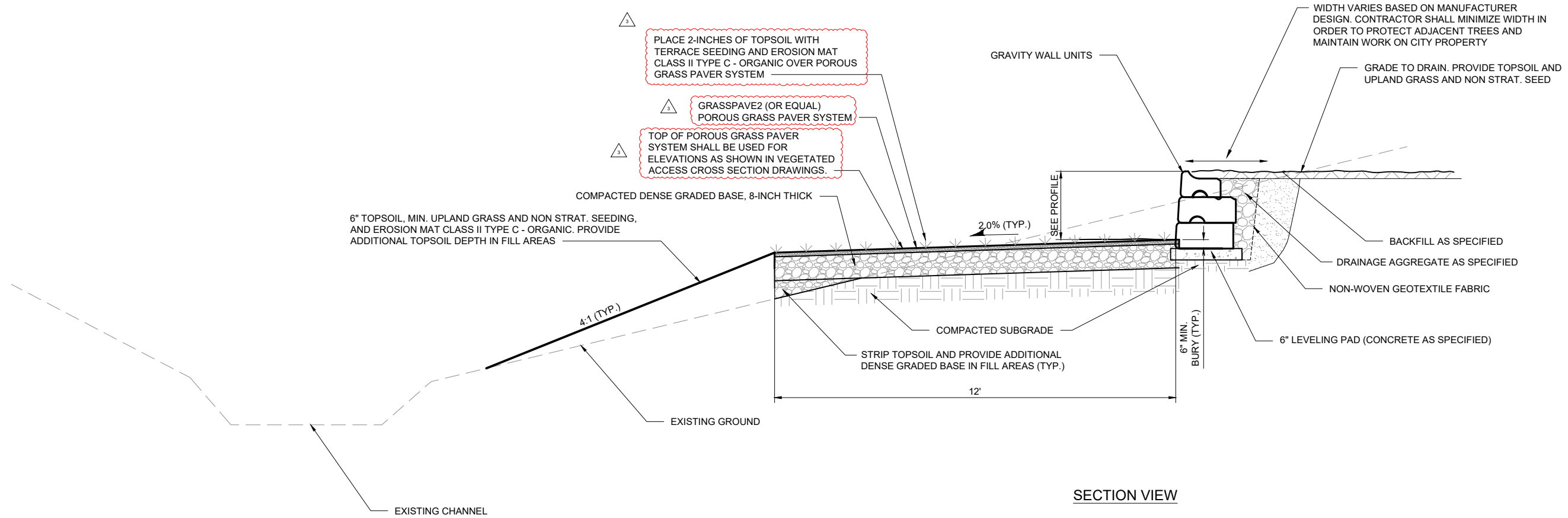
CLAY LINER TERMINATION DETAIL
NO SCALE

NO.	REVISION	DATE	BY
1	###	###	###
2	CLAY LINER TERMINATION DETAIL	12/20/23	TAV

12750
CITY OF MADISON
CONTRACT NO.: 8876

CONSTRUCTION DETAILS
WEXFORD POND DREDGING
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3	###	UPDATE POROUS GRASS PAVER DETAIL	1/17/2024	TAV
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CONSTRUCTION DETAILS
 WEXFORD POND DREDGING
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 12750
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NOTE: ALL EXISTING ELEMENTS TO REMAIN SHALL BE PROTECTED BY CONTRACTOR.



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12750
 CITY OF MADISON
 CONTRACT NO: 8876

EXISTING CONDITIONS
 WEXFORD POND DREDGING

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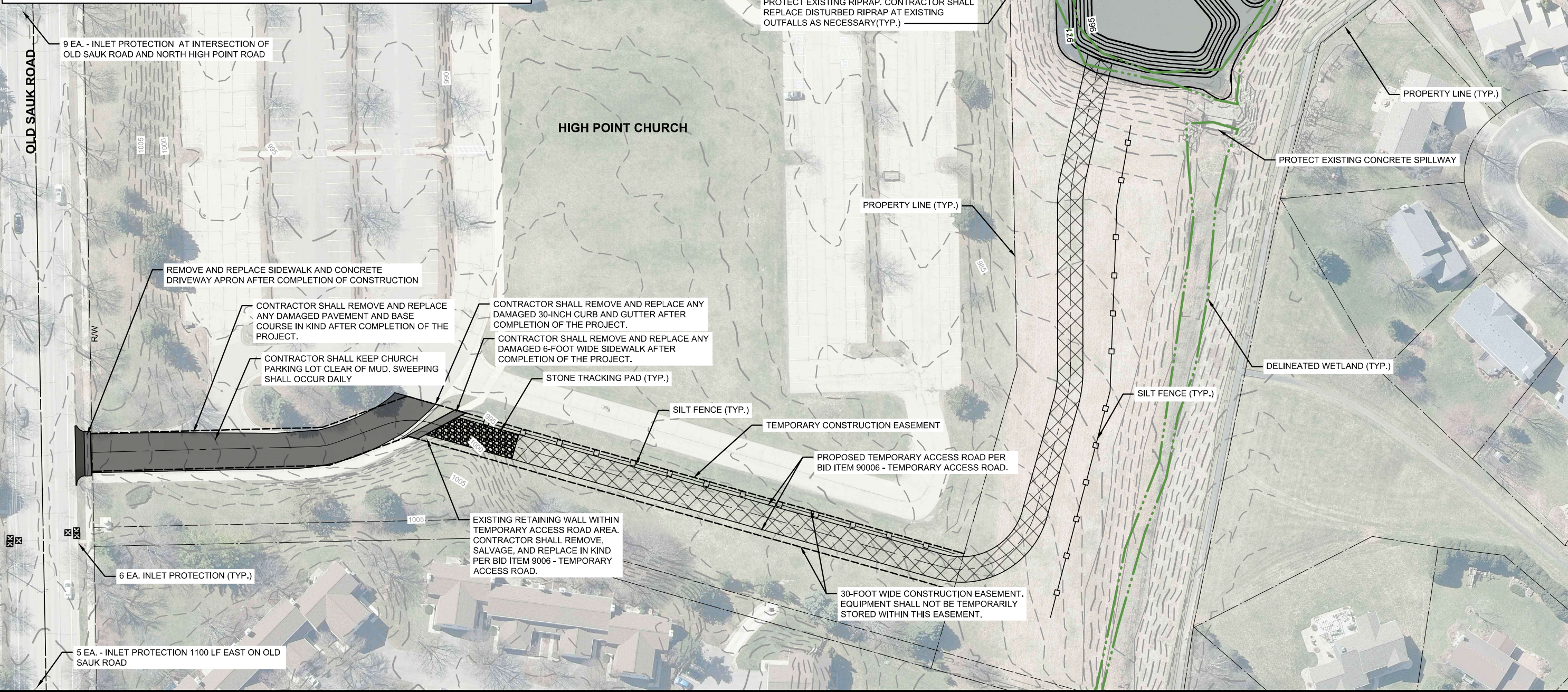


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Designed By: JAW Date: 6/2/2023 11:09 AM Scale: 1"=100'
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EROSION CONTROL NOTES:

1. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.
3. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL PROVIDE STREET SWEEPING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STORM WATER CONTROL MEASURES NECESSARY TO MAINTAIN EXISTING CONVEYANCE CAPACITY THROUGHOUT THE SITE.
6. NO CONSTRUCTION MATERIALS OR STOCKPILES SHALL BE STORED IN THE CHANNELS OR POND. ALL TEMPORARY STOCKPILES SHALL BE SURROUNDED BY SILT SOCK AT NO ADDITIONAL COST.
7. DITCH CHECKS SHALL BE CONSTRUCTED IN THE CHANNEL AS SHOWN IN THE PLAN SET, OR AS DIRECTED BY THE CONSTRUCTION ENGINEER.
8. THE CONTRACTOR SHALL INSTALL SILT FENCE AS SHOWN IN THE PLAN SET, OR AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
9. ALL EROSION CONTROL MATTING SHALL BE OVERLAPPED SUCH THAT THE OVERLAP CORRESPONDS TO THE FLOW DIRECTION.
10. ADDITIONAL INLET PROTECTION MAY BE REQUIRED OUTSIDE THE LIMITS OF THIS SHEET.
11. THE CONTRACTOR SHALL BE AWARE THAT SILT FENCE, DITCH CHECKS, AND OTHER EROSION CONTROL MEASURES MAY BE PHASED, ACCORDING TO CONSTRUCTION SCHEDULE. SOME ITEMS MAY NEED TO BE INSTALLED OR REMOVED AS WORK PROGRESSES.
12. ALL SEED RESTORATION ON SLOPES >4:1 SHALL BE PROVIDED WITH EROSION MAT, CLASS 1, TYPE A - ORGANIC, UNLESS INDICATED OTHERWISE IN PLANS OR SPECIFICATIONS.
13. REPAIR TO EXISTING PAVEMENT, SIDEWALK, AND CURB AND GUTTER WITHIN THE EXISTING EASEMENT SHALL BE PAID UNDER THEIR RESPECTIVE BID ITEMS. RESTORATION OF THE AREA WITHIN THE TEMPORARY ACCESS ROAD SHALL BE PAID UNDER BID ITEM 90006 - TEMPORARY ACCESS ROAD. ALL OTHER REPAIRS TO DAMAGED AREAS SHALL BE CONSIDERED INCIDENTAL TO THIS CONTRACT.



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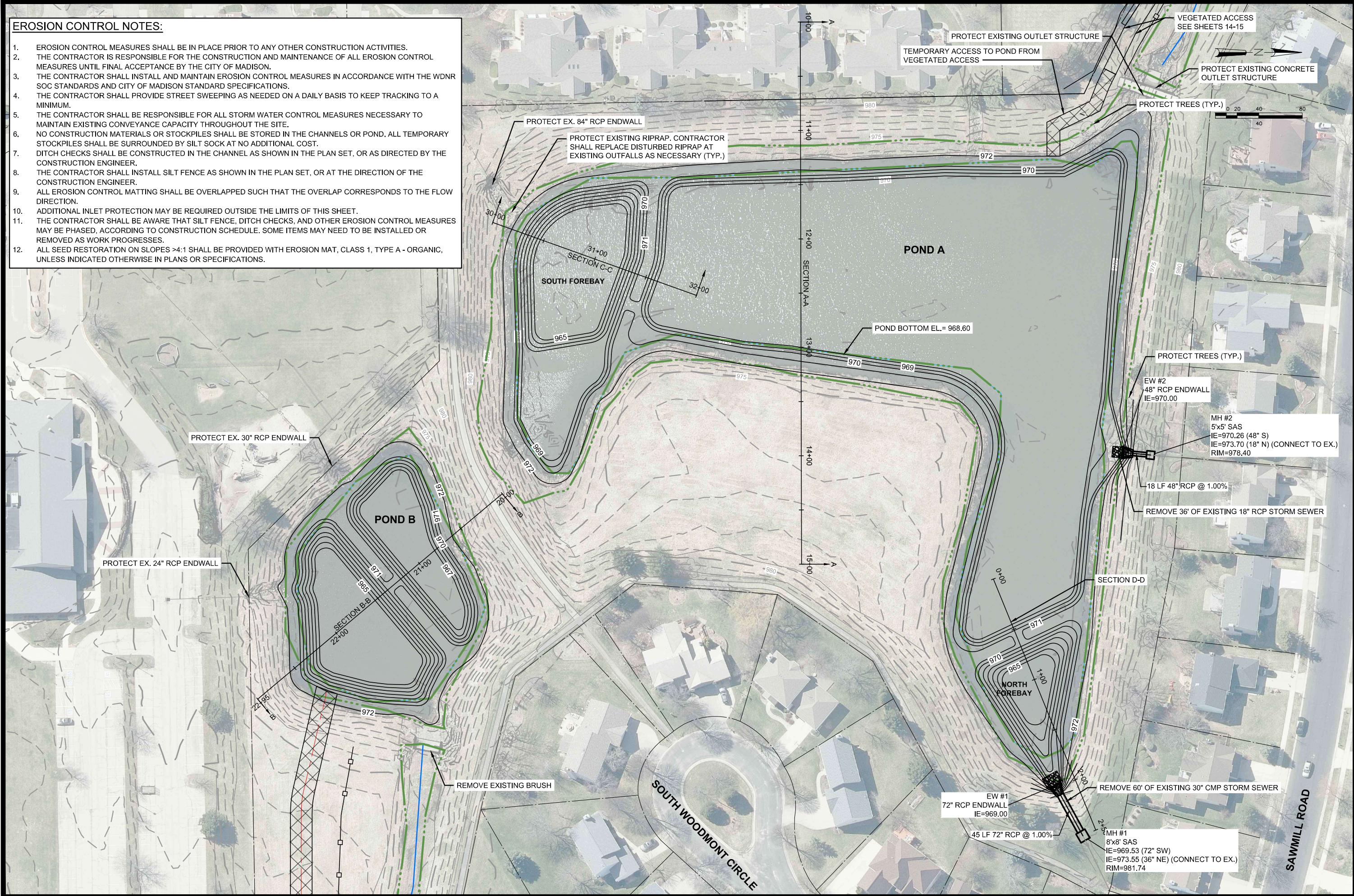
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 CITY OF MADISON
 CONTRACT NO: 8876

EROSION CONTROL AND GRADING PLAN-HIGH POINT CHURCH
 WEXFORD POND DREDGING
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EROSION CONTROL NOTES:

1. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.
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4. THE CONTRACTOR SHALL PROVIDE STREET SWEEPING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.
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6. NO CONSTRUCTION MATERIALS OR STOCKPILES SHALL BE STORED IN THE CHANNELS OR POND. ALL TEMPORARY STOCKPILES SHALL BE SURROUNDED BY SILT SOCK AT NO ADDITIONAL COST.
7. DITCH CHECKS SHALL BE CONSTRUCTED IN THE CHANNEL AS SHOWN IN THE PLAN SET, OR AS DIRECTED BY THE CONSTRUCTION ENGINEER.
8. THE CONTRACTOR SHALL INSTALL SILT FENCE AS SHOWN IN THE PLAN SET, OR AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
9. ALL EROSION CONTROL MATTING SHALL BE OVERLAPPED SUCH THAT THE OVERLAP CORRESPONDS TO THE FLOW DIRECTION.
10. ADDITIONAL INLET PROTECTION MAY BE REQUIRED OUTSIDE THE LIMITS OF THIS SHEET.
11. THE CONTRACTOR SHALL BE AWARE THAT SILT FENCE, DITCH CHECKS, AND OTHER EROSION CONTROL MEASURES MAY BE PHASED, ACCORDING TO CONSTRUCTION SCHEDULE. SOME ITEMS MAY NEED TO BE INSTALLED OR REMOVED AS WORK PROGRESSES.
12. ALL SEED RESTORATION ON SLOPES >4:1 SHALL BE PROVIDED WITH EROSION MAT, CLASS 1, TYPE A - ORGANIC, UNLESS INDICATED OTHERWISE IN PLANS OR SPECIFICATIONS.



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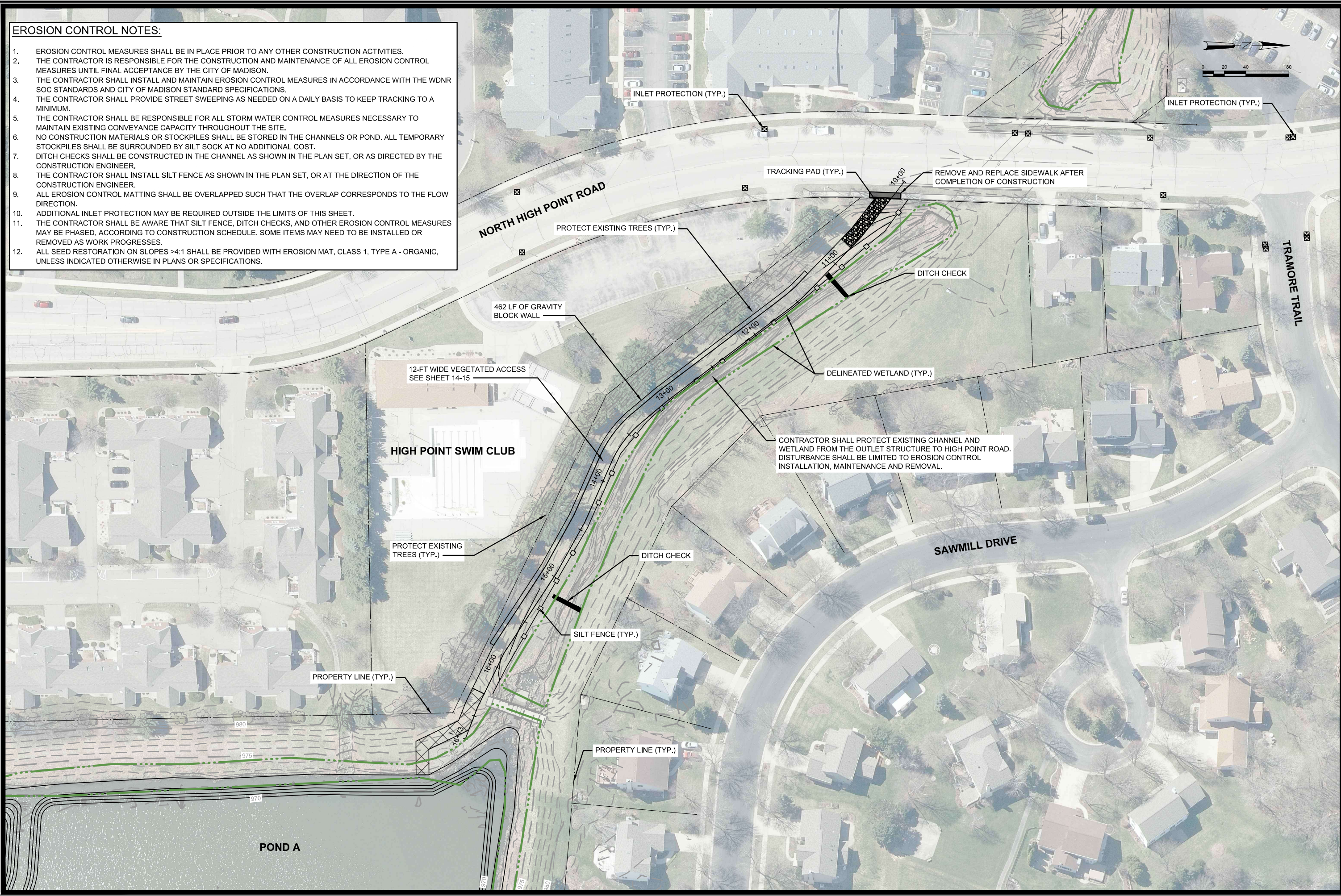
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 CITY OF MADISON
 CONTRACT NO: 8876

EROSION CONTROL AND GRADING PLAN - PONDS
 WEXFORD POND DREDGING
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EROSION CONTROL NOTES:

1. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITIES.
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8. THE CONTRACTOR SHALL INSTALL SILT FENCE AS SHOWN IN THE PLAN SET, OR AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
9. ALL EROSION CONTROL MATTING SHALL BE OVERLAPPED SUCH THAT THE OVERLAP CORRESPONDS TO THE FLOW DIRECTION.
10. ADDITIONAL INLET PROTECTION MAY BE REQUIRED OUTSIDE THE LIMITS OF THIS SHEET.
11. THE CONTRACTOR SHALL BE AWARE THAT SILT FENCE, DITCH CHECKS, AND OTHER EROSION CONTROL MEASURES MAY BE PHASED, ACCORDING TO CONSTRUCTION SCHEDULE. SOME ITEMS MAY NEED TO BE INSTALLED OR REMOVED AS WORK PROGRESSES.
12. ALL SEED RESTORATION ON SLOPES >4:1 SHALL BE PROVIDED WITH EROSION MAT, CLASS 1, TYPE A - ORGANIC, UNLESS INDICATED OTHERWISE IN PLANS OR SPECIFICATIONS.










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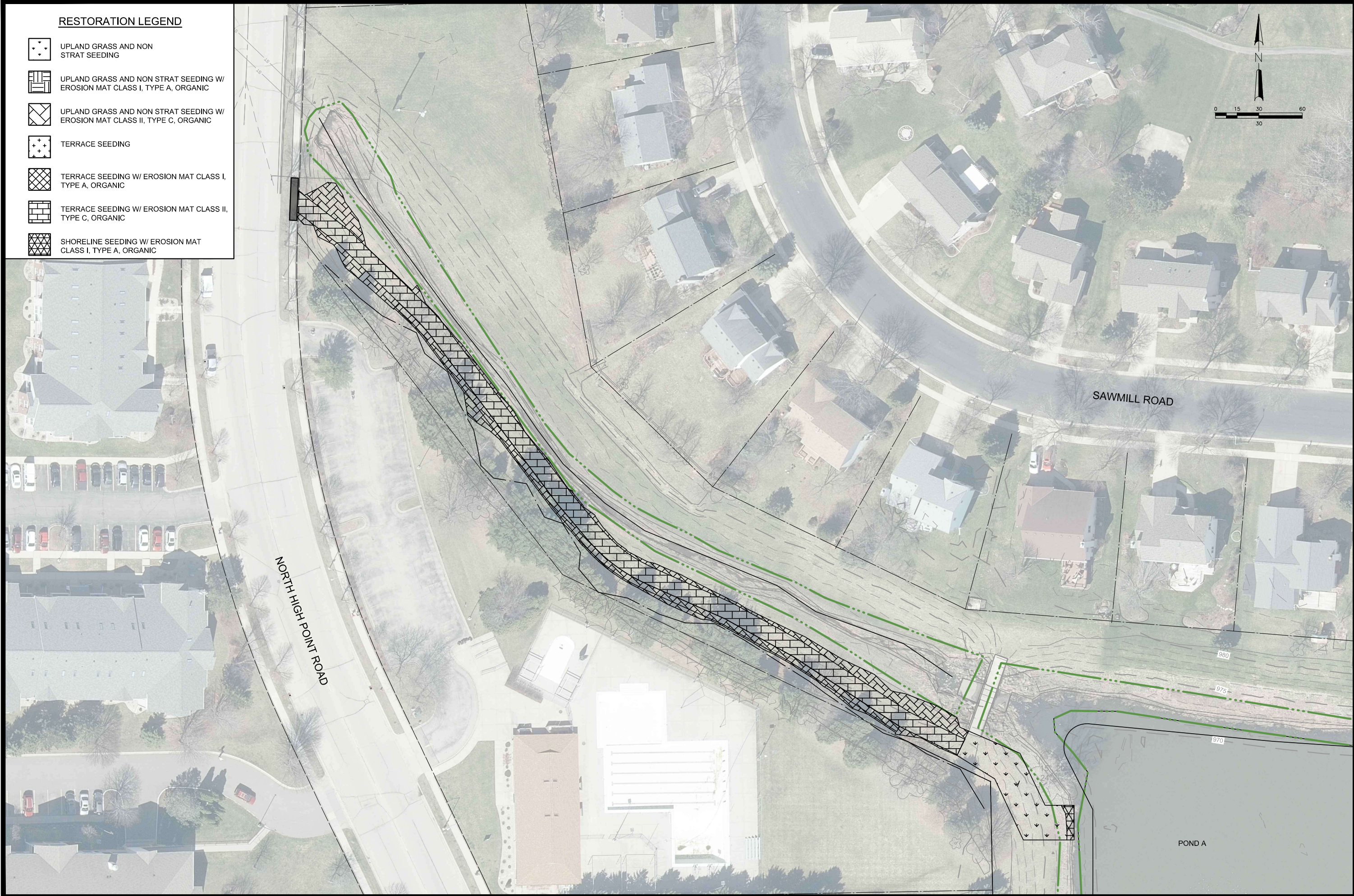
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 CITY OF MADISON
 CONTRACT NO: 8876

EROSION CONTROL AND GRADING PLAN-VEGETATED ACCESS
 WEXFORD POND DREDGING
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RESTORATION LEGEND

-  UPLAND GRASS AND NON STRAT SEEDING
-  UPLAND GRASS AND NON STRAT SEEDING W/ EROSION MAT CLASS I, TYPE A, ORGANIC
-  UPLAND GRASS AND NON STRAT SEEDING W/ EROSION MAT CLASS II, TYPE C, ORGANIC
-  TERRACE SEEDING
-  TERRACE SEEDING W/ EROSION MAT CLASS I, TYPE A, ORGANIC
-  TERRACE SEEDING W/ EROSION MAT CLASS II, TYPE C, ORGANIC
-  SHORELINE SEEDING W/ EROSION MAT CLASS I, TYPE A, ORGANIC



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



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 CITY OF MADISON
 CONTRACT NO: 8876

RESTORATION PLAN - NORTH
 WEXFORD POND DREDGING
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RESTORATION LEGEND

-  UPLAND GRASS AND NON STRAT SEEDING
-  UPLAND GRASS AND NON STRAT SEEDING W/ EROSION MAT CLASS I, TYPE A, ORGANIC
-  UPLAND GRASS AND NON STRAT SEEDING W/ EROSION MAT CLASS II, TYPE C, ORGANIC
-  TERRACE SEEDING
-  TERRACE SEEDING W/ EROSION MAT CLASS I, TYPE A, ORGANIC
-  TERRACE SEEDING W/ EROSION MAT CLASS II, TYPE C, ORGANIC
-  SHORELINE SEEDING W/ EROSION MAT CLASS I, TYPE A, ORGANIC



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






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 CITY OF MADISON
 CONTRACT NO: 8876

RESTORATION PLAN - MIDDLE
 WEXFORD POND DREDGING
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RESTORATION LEGEND

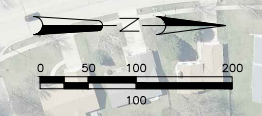
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-  UPLAND GRASS AND NON STRAT SEEDING W/ EROSION MAT CLASS I, TYPE A, ORGANIC
-  UPLAND GRASS AND NON STRAT SEEDING W/ EROSION MAT CLASS II, TYPE C, ORGANIC
-  TERRACE SEEDING
-  TERRACE SEEDING W/ EROSION MAT CLASS I, TYPE A, ORGANIC
-  TERRACE SEEDING W/ EROSION MAT CLASS II, TYPE C, ORGANIC
-  SHORELINE SEEDING W/ EROSION MAT CLASS I, TYPE A, ORGANIC



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CITY OF MADISON WISCONSIN	RESTORATION PLAN - SOUTH	CITY OF MADISON	12750	12
12750	WEXFORD POND DREDGING	CONTRACT NO:	8876	12
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CONSTRUCTION ACCESS PLAN NOTES:

1. CONTRACTOR SHALL CONTAIN ITS WORK WITHIN THE ACCESS ROUTES AND CONSTRUCTION STAGING AREA SHOWN. CONSTRUCTION AND RESTORATION RELATED TO ACCESS ROUTES SHALL BE PAID UNDER BID ITEM 90006 - TEMPORARY ACCESS ROAD. RESTORATION OF AREAS WITHIN IDENTIFIED CONSTRUCTION STAGING AREAS SHALL BE INCIDENTAL TO THIS CONTRACT.
2. CONTRACTOR MAY CHOOSE TO INSTALL ADDITIONAL TEMPORARY ACCESS ROUTES TO PONDS A AND B WITHIN THE APPROXIMATE CONSTRUCTION STAGING AREA. ALL AREAS DISTURBED DUE TO THE INSTALLATION OF ADDITIONAL TEMPORARY ACCESS ROADS, EQUIPMENT STORAGE, AND TEMPORARY STOCKPILING SHALL BE RESTORED AT CONTRACTOR'S EXPENSE.
3. CONTRACTOR SHALL NOT STOCKPILE MATERIALS WITHIN THE EXISTING WET POOL FOOTPRINT, EXISTING CHANNELS, OR WETLAND AREAS.
4. SEE RESTRICTIONS FOR CONSTRUCTION TRAFFIC OFF OLD SAUK ROAD ON THIS SHEET.
5. CONTRACTOR SHALL NOT PARK EQUIPMENT OR STORE MATERIALS ON PRIVATE PROPERTY.
6. CONTRACTOR SHALL PROVIDE TRAIL CLOSED BARRICADES DURING ACTIVE CONSTRUCTION ONLY. CONTRACTOR SHALL REMOVE ALL TRAIL CLOSED BARRICADES WHEN WORKING ON ONLY ONE SIDE OF THE POND AND NOT CROSSING THE TRAIL REPEATEDLY THROUGHOUT THE WORKING DAY. CONTRACTOR SHALL REMOVE ALL TRAIL CLOSED BARRICADES AT THE END OF EACH WORKING DAY.



LEGEND

CONSTRUCTION ACCESS ROUTE

APPROXIMATE CONSTRUCTION STAGING AREA AVAILABLE FOR CONTRACTOR'S USE

TEMPORARY CONSTRUCTION FENCING



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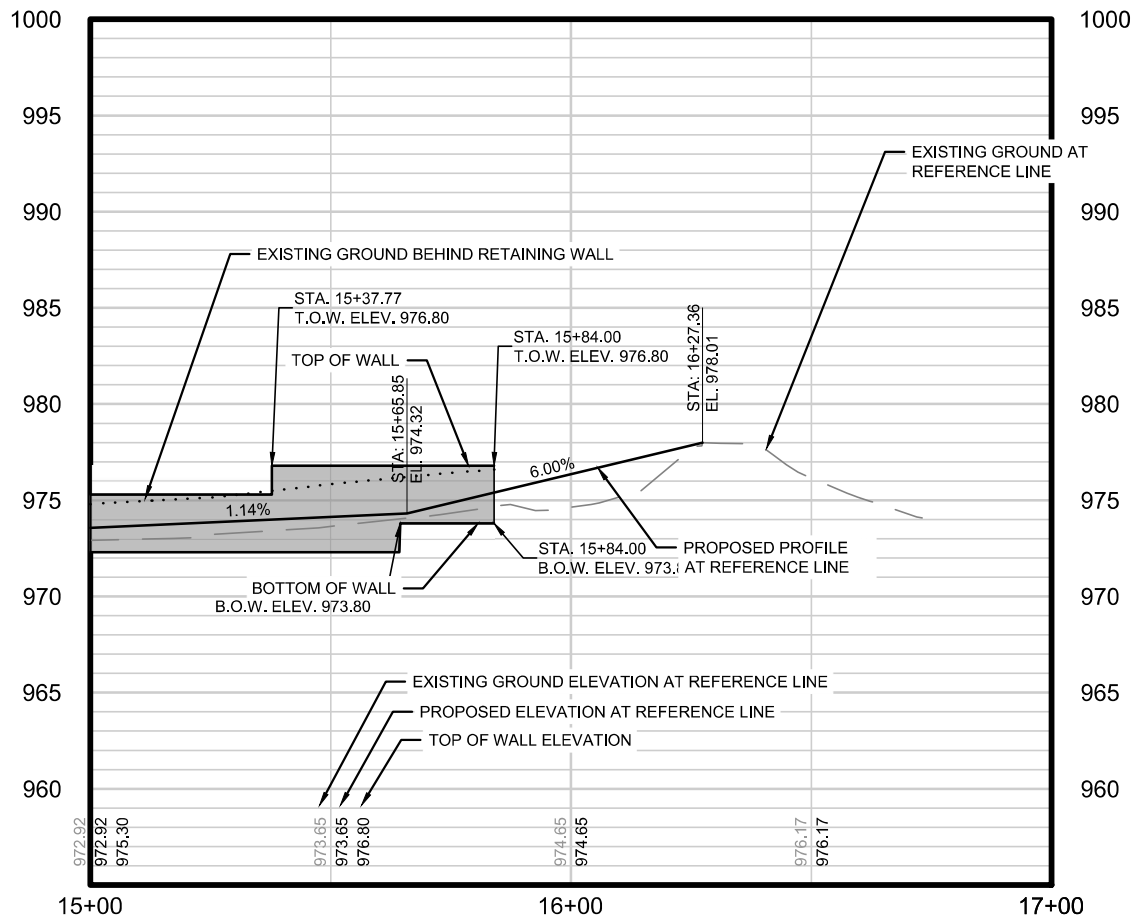
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CONSTRUCTION ACCESS PLAN
 WEXFORD POND DREDGING
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MATCH LINE 14+88 SEE SHEET 14



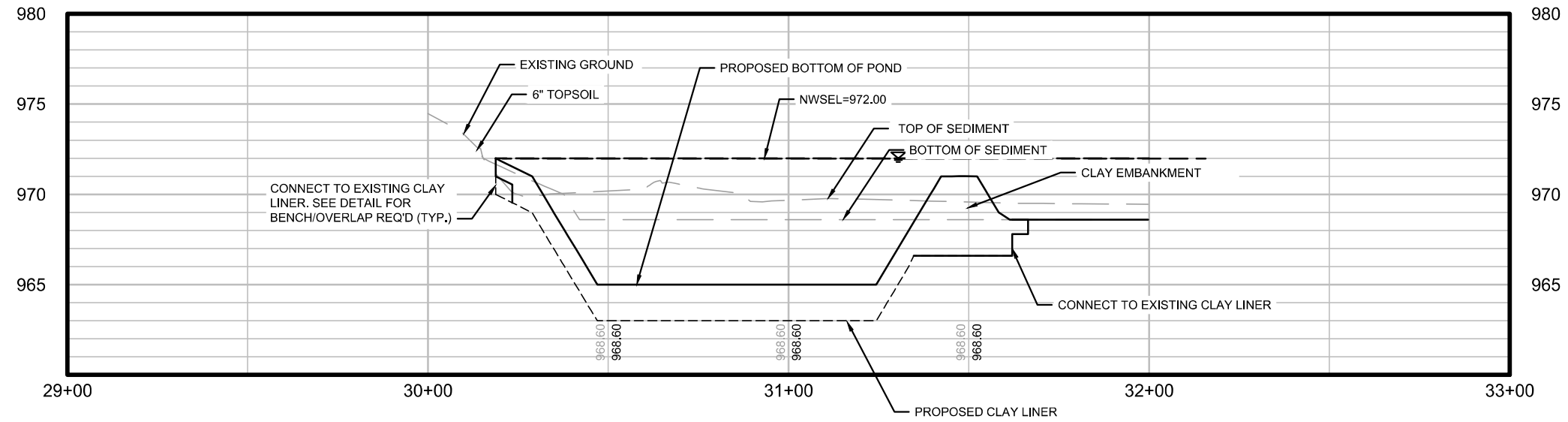
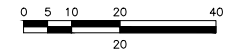
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 CITY OF MADISON
 CONTRACT NO: 8876

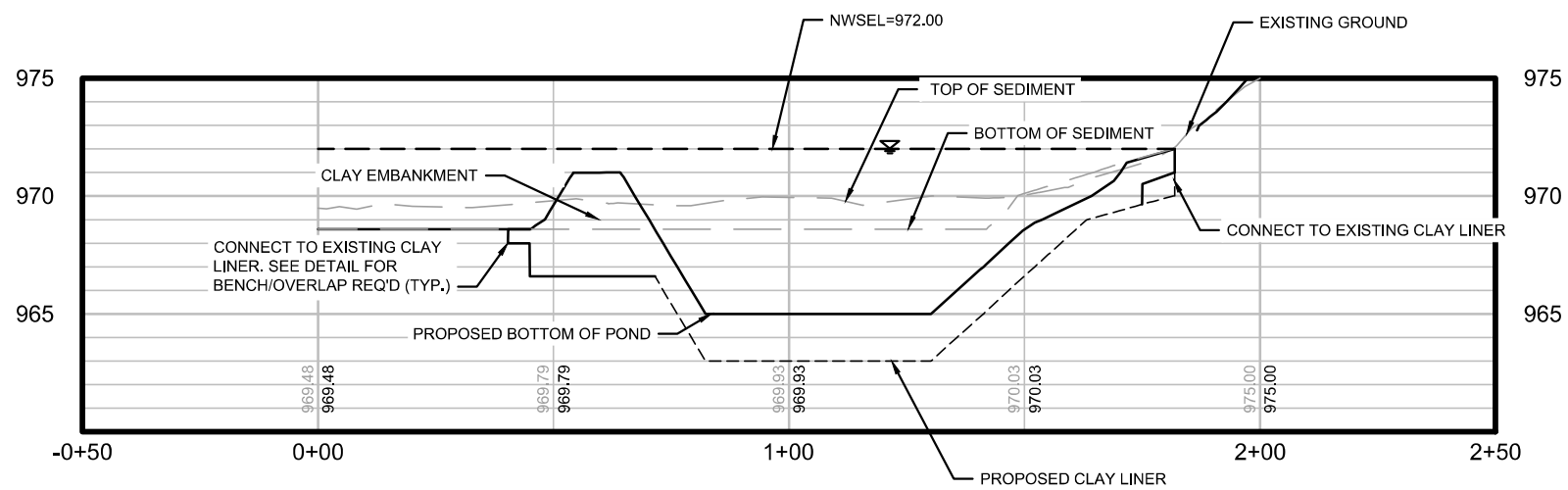
VEGETATED ACCESS PLAN AND PROFILE
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POND A - SECTION C-C

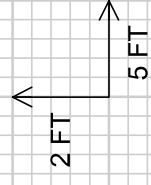
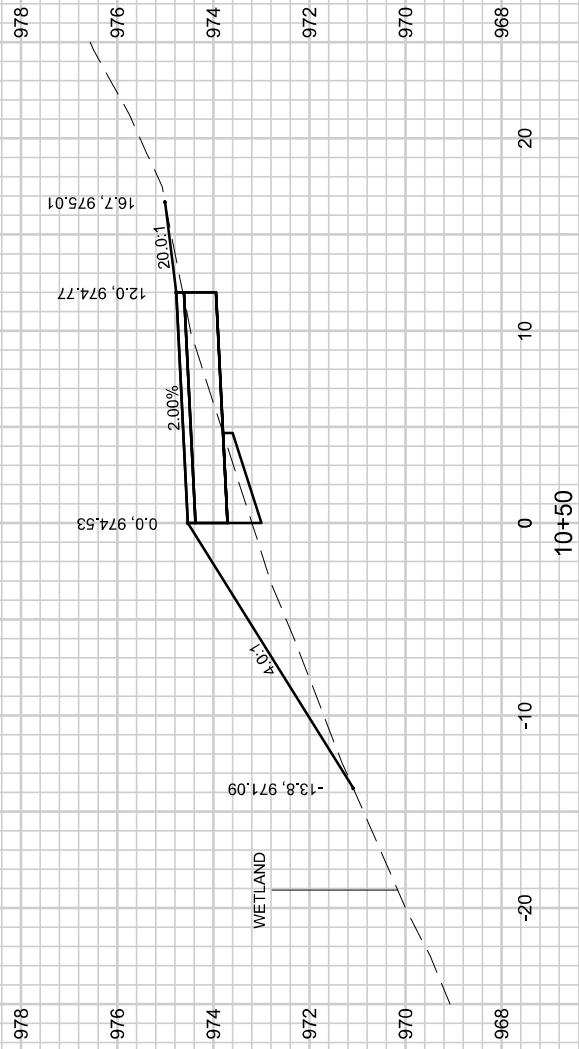
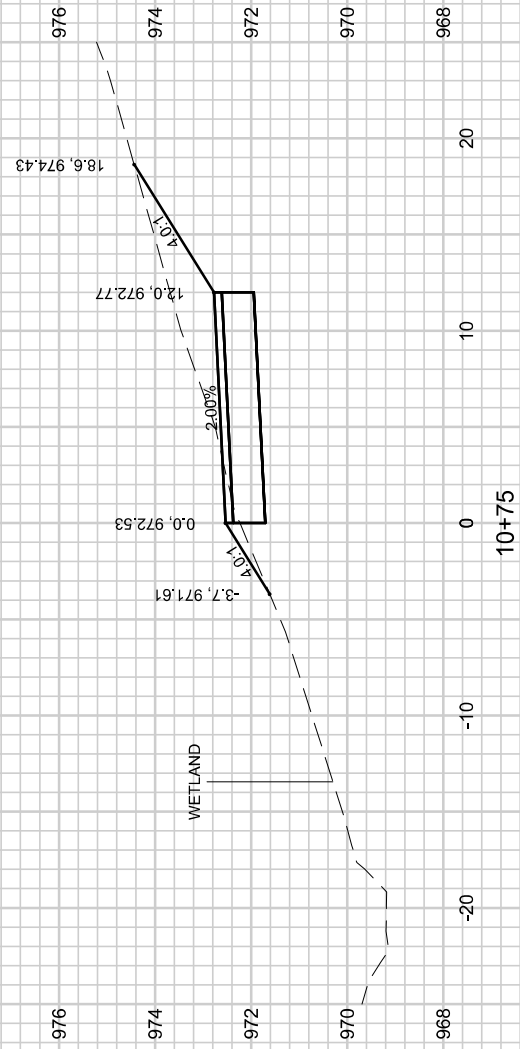
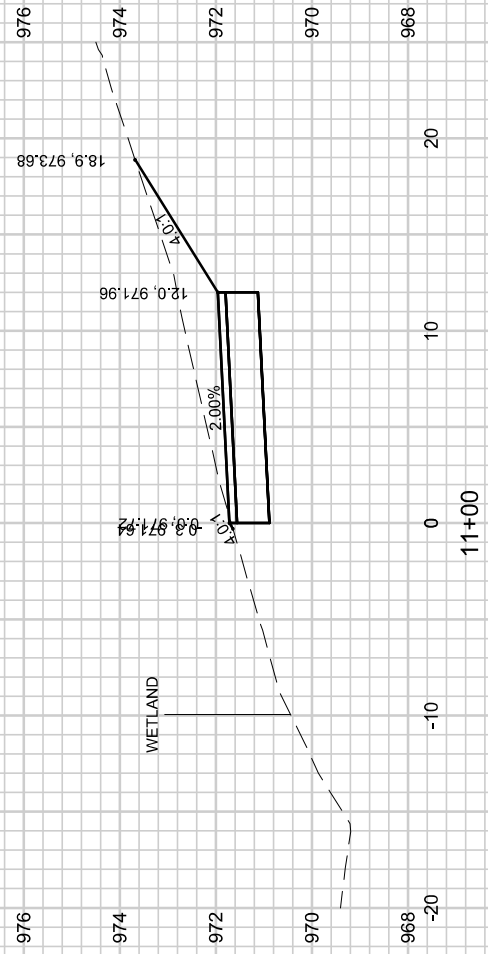


POND A - SECTION D-D



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VEGETATED ACCESS CROSS SECTIONS
WEXFORD POND DREDGING

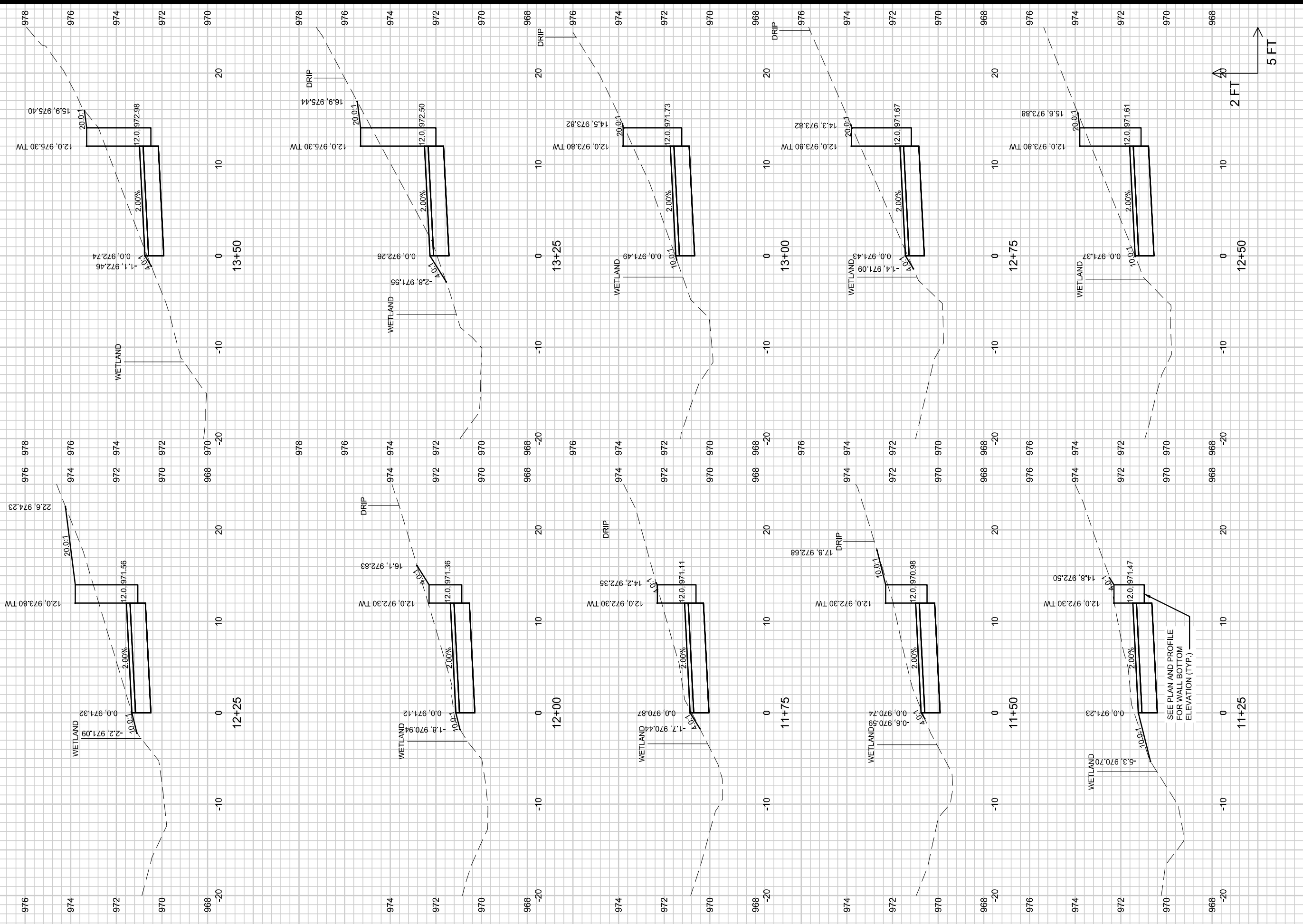
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CITY OF MADISON
CONTRACT NO: 8876

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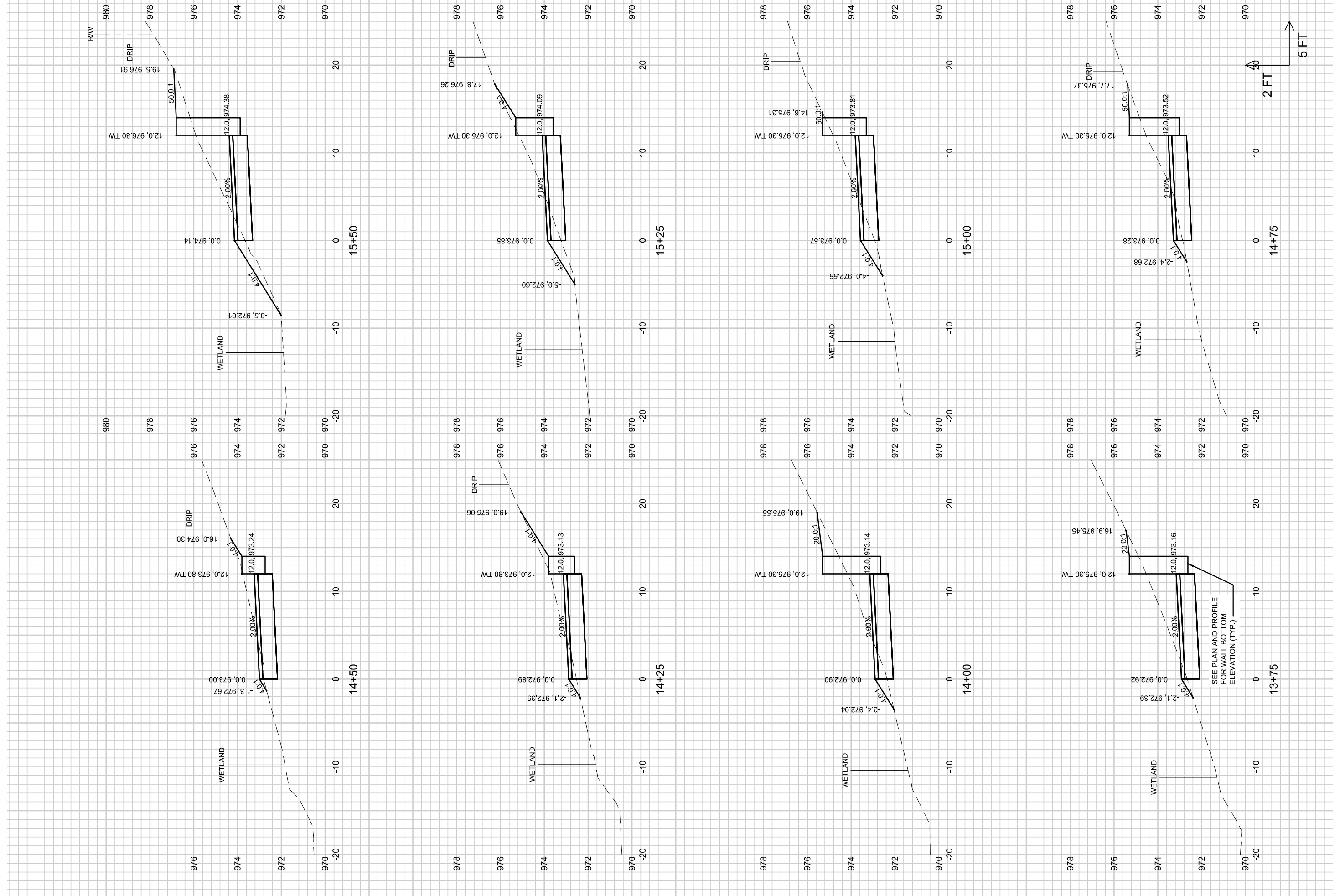


VEGETATED ACCESS CROSS SECTIONS
 WEXFORD POND DREDGING

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 CITY OF MADISON
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 CONTRACT NO.: 8876

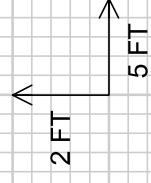
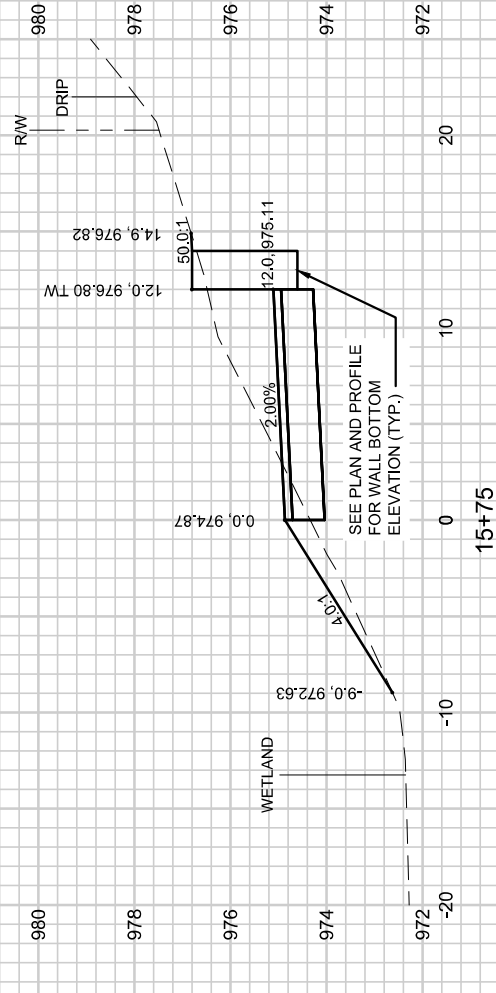
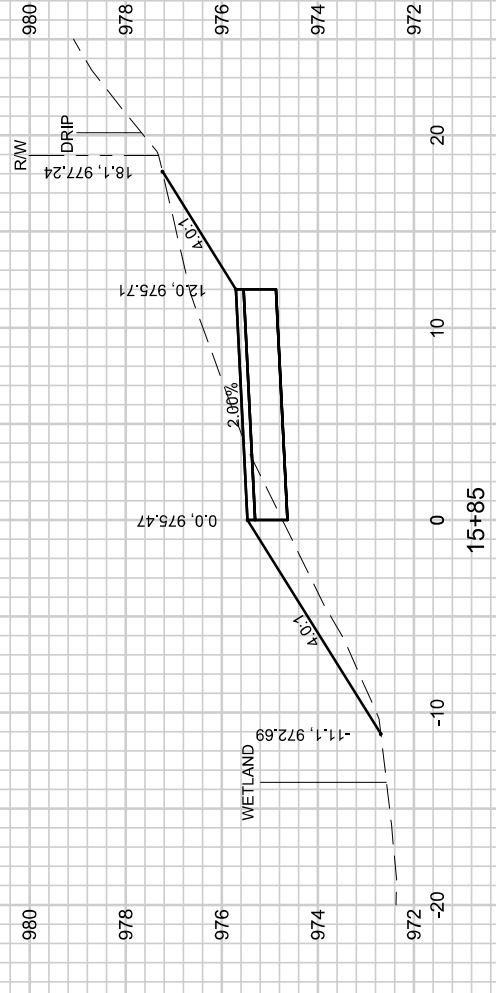
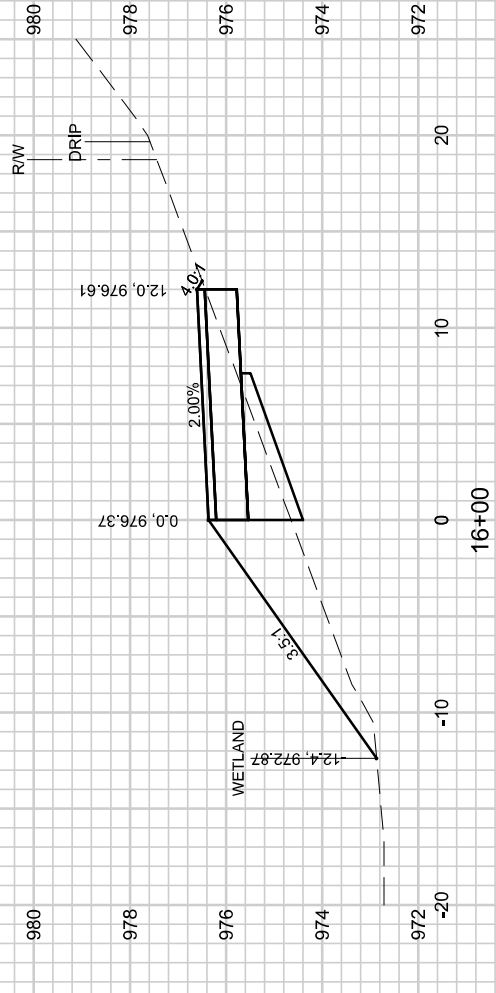
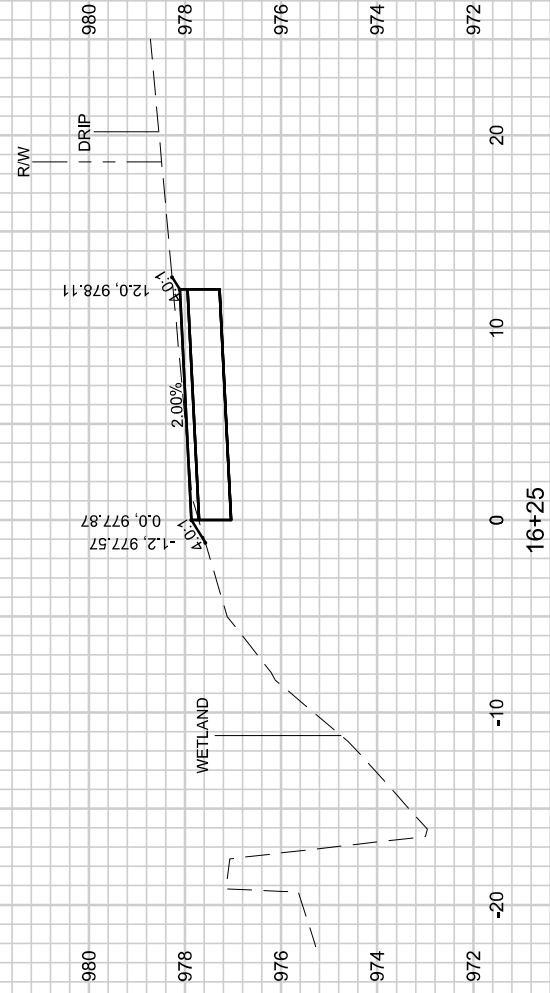
MARK	REVISION	DATE	BY
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Designed By: TAW
 Date: 6/22/2023 11:15 AM
 Scale: 1"=10'
 12750



MARK	REVISION	DATE	BY
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VEGETATED ACCESS CROSS SECTIONS
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CITY OF MADISON
CONTRACT NO: 8876

MARK	REVISION	DATE	BY
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Designed By: TAW
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Date: 6/2/2023 11:15 AM
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