



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, ST. PAUL DISTRICT
332 MINNESOTA STREET, SUITE E1500
ST. PAUL, MN 55101-1323

MVP

01 May 2024

MEMORANDUM FOR RECORD

SUBJECT: US Army Corps of Engineers (Corps) Approved Jurisdictional Determination in accordance with the "Revised Definition of 'Waters of the United States'"; (88 FR 3004 (January 18, 2023) as amended by the "Revised Definition of 'Waters of the United States'; Conforming" (8 September 2023),¹ [MVP-2024-00306-KDZ MFR 1 of 1](#)

BACKGROUND. An Approved Jurisdictional Determination (AJD) is a Corps document stating the presence or absence of waters of the United States on a parcel or a written statement and map identifying the limits of waters of the United States on a parcel. AJDs are clearly designated appealable actions and will include a basis of JD with the document.² AJDs are case-specific and are typically made in response to a request. AJDs are valid for a period of five years unless new information warrants revision of the determination before the expiration date or a District Engineer has identified, after public notice and comment, that specific geographic areas with rapidly changing environmental conditions merit re-verification on a more frequent basis.³

On January 18, 2023, the Environmental Protection Agency (EPA) and the Department of the Army ("the agencies") published the "Revised Definition of 'Waters of the United States,'" 88 FR 3004 (January 18, 2023) ("2023 Rule"). On September 8, 2023, the agencies published the "Revised Definition of 'Waters of the United States'; Conforming", which amended the 2023 Rule to conform to the 2023 Supreme Court decision in *Sackett v. EPA*, 598 U.S., 143 S. Ct. 1322 (2023) ("*Sackett*").

This Memorandum for Record (MFR) constitutes the basis of jurisdiction for a Corps AJD as defined in 33 CFR §331.2. For the purposes of this AJD, we have relied on Section 10 of the Rivers and Harbors Act of 1899 (RHA),⁴ the 2023 Rule as amended, as well as other applicable guidance, relevant case law, and longstanding practice in evaluating jurisdiction.

1. SUMMARY OF CONCLUSIONS.

¹ While the Revised Definition of "Waters of the United States"; Conforming had no effect on some categories of waters covered under the CWA, and no effect on any waters covered under RHA, all categories are included in this Memorandum for Record for efficiency.

² 33 CFR 331.2.

³ Regulatory Guidance Letter 05-02.

⁴ USACE has authority under both Section 9 and Section 10 of the Rivers and Harbors Act of 1899 but for convenience, in this MFR, jurisdiction under RHA will be referred to as Section 10.

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- a. Provide a list of each individual feature within the review area and the jurisdictional status of each one (i.e., identify whether each feature is/is not a water of the United States and/or a navigable water of the United States).
 - i. [North Pond \(0.89 acre\), non-jurisdictional](#)
 - ii. [Middle Pond \(0.70 acre\), non-jurisdictional](#)
 - iii. [South Pond \(0.74 acre\), non-jurisdictional](#)

2. REFERENCES.

- a. “Revised Definition of ‘Waters of the United States,’” 88 FR 3004 (January 18, 2023) (“2023 Rule”)
- b. “Revised Definition of ‘Waters of the United States’; Conforming” 88 FR [61964](#) (September 8, 2023))
- c. *Sackett v. EPA*, 598 U.S. __, 143 S. Ct. 1322 (2023)

3. REVIEW AREA. [The review area is limited to the North Pond, Middle Pond, and South Pond associated with the Holland Fields Stormwater Management Rehabilitation Project identified on the attached figure, MVP-2024-00306-KDZ, Page 1. The review area is located at 43.226358, -89.33781 in the Village of Windsor, Dane County, Wisconsin. There are no other JDs associated with the review area.](#)

4. NEAREST TRADITIONAL NAVIGABLE WATER (TNW), THE TERRITORIAL SEAS, OR INTERSTATE WATER TO WHICH THE AQUATIC RESOURCE IS CONNECTED. [N/A](#)

5. FLOWPATH FROM THE SUBJECT AQUATIC RESOURCES TO A TNW, THE TERRITORIAL SEAS, OR INTERSTATE WATER. [N/A](#)

6. SECTION 10 JURISDICTIONAL WATERS⁵: Describe aquatic resources or other features within the review area determined to be jurisdictional in accordance with Section 10 of the Rivers and Harbors Act of 1899. Include the size of each aquatic

⁵ 33 CFR 329.9(a) A waterbody which was navigable in its natural or improved state, or which was susceptible of reasonable improvement (as discussed in § 329.8(b) of this part) retains its character as “navigable in law” even though it is not presently used for commerce, or is presently incapable of such use because of changed conditions or the presence of obstructions.

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resource or other feature within the review area and how it was determined to be jurisdictional in accordance with Section 10.⁶ [N/A](#)

7. SECTION 404 JURISDICTIONAL WATERS: Describe the aquatic resources within the review area that were found to meet the definition of waters of the United States in accordance with the 2023 Rule as amended, consistent with the Supreme Court's decision in *Sackett*. List each aquatic resource separately, by name, consistent with the naming convention used in section 1, above. Include a rationale for each aquatic resource, supporting that the aquatic resource meets the relevant category of "waters of the United States" in the 2023 Rule as amended. The rationale should also include a written description of, or reference to a map in the administrative record that shows, the lateral limits of jurisdiction for each aquatic resource, including how that limit was determined, and incorporate relevant references used. Include the size of each aquatic resource in acres or linear feet and attach and reference related figures as needed.

- a. Traditional Navigable Waters (TNWs) (a)(1)(i): [N/A](#)
- b. The Territorial Seas (a)(1)(ii): [N/A](#)
- c. Interstate Waters (a)(1)(iii): [N/A](#)
- d. Impoundments (a)(2): [N/A](#)
- e. Tributaries (a)(3): [N/A](#)
- f. Adjacent Wetlands (a)(4): [N/A](#)
- g. Additional Waters (a)(5): [N/A](#)

8. NON-JURISDICTIONAL AQUATIC RESOURCES AND FEATURES

- a. Describe aquatic resources and other features within the review area identified in the 2023 Rule as amended as not "waters of the United States" even where they otherwise meet the terms of paragraphs (a)(2) through (5). Include the type of excluded aquatic resource or feature, the size of the aquatic resource or feature within the review area and describe how it was determined to meet one of the

⁶ This MFR is not to be used to make a report of findings to support a determination that the water is a navigable water of the United States. The district must follow the procedures outlined in 33 CFR part 329.14 to make a determination that water is a navigable water of the United States subject to Section 10 of the RHA.

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exclusions listed in 33 CFR 328.3(b).⁷ The three ponds (North Pond, Middle Pond, South Pond) in the review area are man-made stormwater ponds constructed in upland locations for the Holland Fields development between 1995 and 2005. All three ponds were constructed in non-hydric soils (Virgil silt loam, 1 to 4 percent slopes). The Wisconsin Department of Natural Resources determined that the three ponds met the state's criterion for artificial wetlands and were exempt from their regulation. Accordingly, the Corps has determined that three ponds (North Pond, Middle Pond, South Pond) are excluded from Section 404 jurisdiction under (b)(1) of the 2023 Revised Definition of 'Waters of the United States'; Conforming" 88 FR 61964 Final Rule as waste treatment systems, including treatment ponds or lagoons, designed to meet the requirements of the Clean Water Act.

- b. Describe aquatic resources and features within the review area that were determined to be non-jurisdictional because they do not meet one or more categories of waters of the United States under the 2023 Rule as amended (e.g., tributaries that are non-relatively permanent waters; non-tidal wetlands that do not have a continuous surface connection to a jurisdictional water).
9. DATA SOURCES. List sources of data/information used in making determination. Include titles and dates of sources used and ensure that information referenced is available in the administrative record.
 - a. [Wisconsin Wetland Inventory](#), [USDA Web Soil Survey](#), [USGS NHD](#), [USGS Topographic Maps](#), [WDNR Surface Water Data Viewer](#), [USACE National Regulatory Viewer](#).
 - b. [Village of Windsor Holland Fields development grading plans](#)
 - c. [Google Earth imagery dated 1999, 2010, 2011, 2015, 2018, 2019, 2020, 2021, and 2022](#). Accessed May 1, 2024.
10. OTHER SUPPORTING INFORMATION. [N/A](#)
11. NOTE: The structure and format of this MFR were developed in coordination with the EPA and Department of the Army. The MFR's structure and format may be subject to future modification or may be rescinded as needed to implement

⁷ 88 FR 3004 (January 18, 2023)

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additional guidance from the agencies; however, the approved jurisdictional determination described herein is a final agency action.



Holland Fields Stormwater Management Rehabilitation



Legend

- Lake Class Areas
- Riverine/ditch Class Areas
- Wetland Class Areas
- Wetland Class Points
 - Dammed pond
 - Excavated pond
 - Filled/draind wetland
 - Wetland too small to delineate
 - Filled excavated pond
- Filled Points
- Wetland Class Areas
- Filled Areas
- Lake Class Areas
- Riverine/ditch Class Areas
- Wetland Class Areas
- Wetland Class Points
 - Dammed pond
 - Excavated pond
 - Filled/draind wetland
 - Wetland too small to delineate
 - Filled excavated pond
- Filled Points
- Wetland Class Areas
- Filled Areas
- Wetland Identifications and Confirmations
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
 - Interstate Highway
 - State Highway
 - US Highway
- County and Local Roads
 - County HWY
 - Local Road
- Railroads
- Tribal Lands
- Railroads
- Rivers and Streams
- Intermittent Streams
- Lakes and Open water

0.1 0 0.06 0.1 Miles

NAD_1983_HARN_Wisconsin_TM

1:3,960

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legal/>

Notes

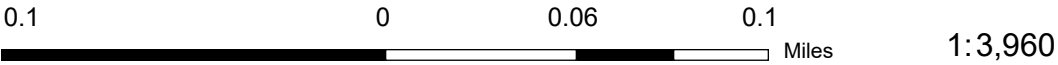


Surface Water Data Viewer Map



Legend

- Municipality
- State Boundaries
- County Boundaries
- Major Roads
 - Interstate Highway
 - State Highway
 - US Highway
- County and Local Roads
 - County HWY
 - Local Road
- Railroads
- Tribal Lands
- Railroads
- Rivers and Streams
- Intermittent Streams
- Lakes and Open water



NAD_1983_HARN_Wisconsin_TM

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Notes

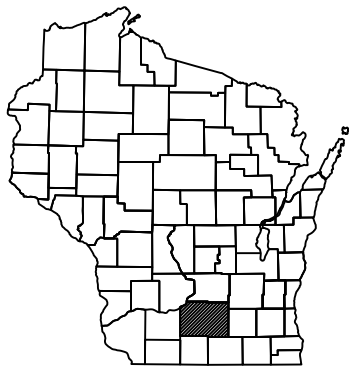
ORDER OF SHEETS

- 1 1 - TITLE
- 2 - 3 GENERAL NOTES
- 4 CONSTRUCTION DETAILS
- 6 - 8 PLANS
- 9 - 11 CROSS SECTIONS

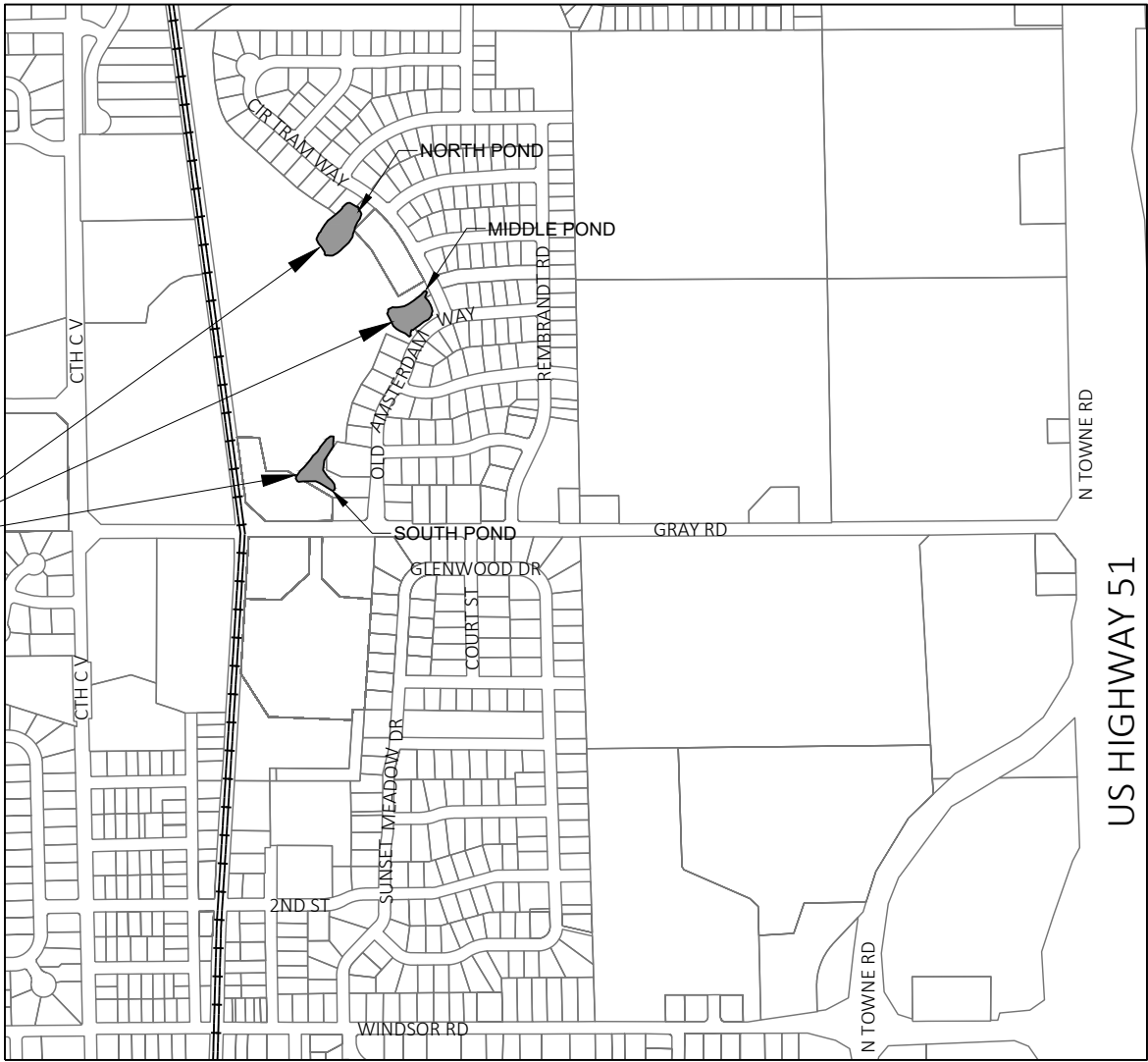
TOTAL SHEETS = 10

VILLAGE OF WINDSOR, WISCONSIN
HOLLAND FIELDS STORMWATER MANAGEMENT REHABILITATION

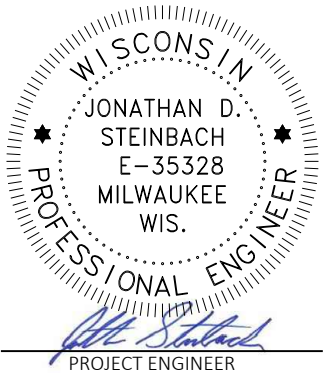
DANE COUNTY



PROJECT LOCATION



LOCATION MAP




Dial 811 or (800)242-8511
www.DiggersHotline.com





BAXTER & WOODMAN, INC.
STATE OF WISCONSIN - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 484-011 - EXPIRES 1/31/2026


PROJECT NO.: 221924 DATE: 2/9/2024


EXISTING



MH



CATCH BASIN



INLET



DRYWELL



CULVERT END SECTION



FIRE HYDRANT



WV
WATER VALVE W/ BOX AND COVER



BB
WATER VALVE VAULT



WM
WATER SERVICE BOX OR CURB STOP



CO
WATER METER



SV
CLEAN OUT



TO BE ABANDONED AND/OR REMOVED



GV
GAS VALVE W/ BOX AND COVER



GVV
GAS VALVE VAULT



GM
GAS METER



GR
GAS RISER



GAS
GAS SERVICE VALVE



TEL
TELEPHONE VAULT



R
TELEPHONE RISER



CTV
CABLE TELEVISION (BURIED)



CTV
CABLE T.V. RISER



CTV
CABLE T.V. VAULT



EM
ELECTRIC METER



ET
PAD MOUNTED TRANSFORMER



EV
ELECTRIC VAULT



JB
JUNCTION BOX



GUY
UTILITY POLE



GUY
GUY ANCHOR



UTILITY POLE w/ LIGHT



MB
LIGHT STANDARD



SIGN
MAIL BOX



RAILROAD SIGNAL



TRAFFIC SIGNAL CONTROLLER



TRAFFIC SIGNAL POST W/ SIGNAL HEAD



HANDHOLE



12"
DECIDUOUS TREE (W/ TRUNK INCH DIA.)



16"
CONIFEROUS TREE (W/ HEIGHT)



DECIDUOUS BUSH



CONIFEROUS BUSH



DEFINING EDGE OF BRUSH OR FORESTED AREA



FENCE



GUARD RAIL



CULVERT (CMP UNLESS NOTED)



DITCH



EASEMENT



ROW
RIGHT-OF-WAY MONUMENT



P.L.
UNFENCED PROPERTY LINE



IP
IRON PIPE (PROPERTY CORNER)



CENTER LINE



625.35
625.9 +25
PROPOSED EL./EXISTING EL. and STATION



SOIL BORING AND NUMBER



BENCH MARK



SURVEY CONTROL POINT


OH
OVERHEAD ELECTRICAL


SUMMIT




























































RIPRAP


ROADWAY DITCH FLOW


SWALE

MANHOLE
CATCH BASIN
INLET
DRYWELL
CULVERT END SECTION
FIRE HYDRANT
WATER VALVE W/ BOX AND COVER
WATER VALVE VAULT
WATER SERVICE BOX OR CURB STOP
WATER METER
CLEAN OUT
SEPTIC VENT
TO BE ABANDONED AND/OR REMOVED
GAS VALVE W/ BOX AND COVER
GAS VALVE VAULT
GAS METER
GAS RISER
GAS SERVICE VALVE
TELEPHONE VAULT
TELEPHONE RISER
CABLE TELEVISION (BURIED)
CABLE T.V. RISER
CABLE T.V. VAULT
ELECTRIC METER
PAD MOUNTED TRANSFORMER
ELECTRIC VAULT
JUNCTION BOX
UTILITY POLE
GUY ANCHOR
UTILITY POLE w/ LIGHT
LIGHT STANDARD
MAIL BOX
STREET SIGN
RAILROAD SIGNAL
TRAFFIC SIGNAL CONTROLLER
TRAFFIC SIGNAL POST W/ SIGNAL HEAD
HANDHOLE
DECIDUOUS TREE (W/ TRUNK INCH DIA.)
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UNFENCED PROPERTY LINE
IRON PIPE (PROPERTY CORNER)
CENTER LINE
PROPOSED EL./EXISTING EL. and STATION
SOIL BORING AND NUMBER
BENCH MARK
SURVEY CONTROL POINT
OVERHEAD ELECTRICAL
SUMMIT
RIPRAP
ROADWAY DITCH FLOW
SWALE

PROPOSED

(HATCHED SHALL BE REMOVED)

(HATCHED SHALL BE REMOVED)

UTILITY CONTACTS

ALLIANT ENERGY
JIM JOHNSRUD
6462 BLANCHARS'S CROSSING
WINDSOR, WI 53598
PH: (608) 842-1704
CELL: (608) 220-5380

AT&T TRANSMISSION - TELECOM
BOBBY AKHTER
4513 WESTERN AVE
LISLE, IL 60532
PH: (630) 719-1483
CELL: (630) 390-0089
ba3817@att.com

ROGER COMMUNICATIONS - TELCOM
JON GRUENKE
PH: (920) 889-9831

CENTURYLINK - TELCOM
STEVE BISHOP
130 4TH STREET
BARABOO, WI 53913
PH: (608) 355-7501
CELL: (608) 963-8594
steven.bishop@centurylink.com

MADISON GAS & ELECTRIC CO - GAS
ROGER AHLES P.E.
623 RAILROAD STREET
MADISON, WI 53701
PH: (608) 252-5682
rahles@mge.com

GENERAL NOTES

1. COMPLY WITH THE PROJECT MANUAL, THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, AND WITH THE STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, AND DEPARTMENT OF NATURAL RESOURCES REQUIREMENTS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNER OF ALL EXISTING FACILITIES SO THE UTILITIES AND APPURTENANCES MAY BE LOCATED, ADJUSTED, OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.
3. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF WINDSOR AND THE ENGINEER 48 HOURS PRIOR TO COMMENCEMENT OF ANY WORK ON THE SITE.
4. STREET SIGNS WITHIN THE WORK ZONE SHALL BE REMOVED, PROPERLY STORED, AND REPLACED WHEN WORK PERMITS. TEMPORARY SIGNS SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR IF NEEDED. THIS WORK IS CONSIDERED INCIDENTAL TO THE CONTRACT.
5. DO NOT STORE MATERIALS, STRUCTURES, OR MACHINES WHERE THEY WILL OBSTRUCT STREET CROSSING OR DRIVEWAY SIGHTLINES.
6. PROTECT EXISTING UNDERGROUND UTILITIES AND BUILDING SERVICE LINES FROM DAMAGE. MAKE SUCH EXPLORATION AS IS NECESSARY TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES. EXERCISE CARE DURING THE PROGRESS OF WORK IN THE AREA TO PREVENT DAMAGE TO EXISTING UNDERGROUND UTILITIES.
7. COORDINATE WITH UTILITY COMPANIES TO SUPPORT, PROTECT, OR REMOVE AND REPLACE ALL POWER POLES OR POLE ANCHORS THAT ARE AFFECTED BY CONSTRUCTION, EVEN WHERE SUPPORT IS NOT INDICATED ON PLAN SHEETS, WORK ASSOCIATED WITH THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
8. COMPLY WITH ALL OSHA RULES AND REGULATIONS DURING CONSTRUCTION.
9. PROTECT ALL PAVED AREAS FROM DAMAGE WHERE CRAWLER-TRACK MACHINERY IS USED, WORK ASSOCIATED WITH THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
10. ALL EXCAVATED/DREDGED MATERIALS SHALL BE LOADED, TRANSPORTED, AND SPREAD AT A PROPER DEPOSIT SITE BY THE CONTRACTOR. THE CONTRACTOR SHALL ARRANGE FOR, PAY FOR AND COORDINATE WITH THE DEPOSIT SITE. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF WINDSOR AND THE ENGINEER OF THE LOCATION OF THE DEPOSIT SITE AT LEAST ONE MONTH PRIOR TO COMMENCING WITH ANY WORK AT THE SITE.
11. MISCELLANEOUS DEBRIS SHALL BE REMOVED FROM THE DREDGED MATERIAL BY THE CONTRACTOR AND DISPOSED OF AT AN APPROPRIATE DISPOSAL FACILITY ARRANGED AND PAID FOR BY THE CONTRACTOR.
12. ALL TRUCKS USED FOR HAULING THE DREDGED MATERIAL SHALL BE SEALED WATERTIGHT DURING TRANSPORT SO LIQUID FROM THE DREDGED MATERIAL DOESN'T LEAK ONTO ROADS ALONG THE HAUL ROUTE TO THE DEPOSIT SITE. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PREVENT LEAKAGE OF LIQUID DURING TRANSPORT OF THE DREDGED MATERIAL TO THE DEPOSIT SITE.
13. ALL PROJECT WORK SHALL BE PERFORMED IN COMPLIANCE WITH ALL DANE COUNTY, WDNR AND ARMY CORPS OF ENGINEERS PERMITS.
14. EXISTING SITE SOILS ARE VERY SOFT. THE CONTRACTOR SHALL FURNISH, INSTALL, AND REMOVE ALL MEASURES (INCLUDING TEMPORARY AGGREGATE ROADWAYS, MATTING, ETC.) NEEDED TO ACCESS THE SITE AND PERFORM THE PROJECT WORK.
15. RESTORE ALL, DISTURBED AREAS ABOVE THE NORMAL WATER ELEVATION WITH SEED AND MULCH.

AGENCIES

EMERGENCY - FIRE RESCUE, AMBULANCE, POLICE
DIAL 911

DEFOREST WINDSOR FIRE AND EMS
ATTN: DAVID ARNOLD
110 S. STEVENSON STREET
DEFOREST, WI 53532
PHONE: 608-846-4364 (NON-EMERGENCY)

WINDSOR POLICE DEPARTMENT
4084 MUELLER ROAD
DEFOREST, WI 53532
PHONE: 608-255-2345 (DANE COUNTY DISPATCH)

UNITED STATES POST OFFICE
619 S MAIN STREET
DEFOREST, WI 53532
PHONE: 608-846-5910

CANADIAN PACIFIC
CALL BEFORE YOU DIG
PHONE: 866-291-0741

CANADIAN PACIFIC
ATTN: OTIS GOODMAN
11306 FRANKLIN PARK, IL 60131
PHONE: 630-860-4117
CELL: 630-335-3116

DANE CO HWY DEPT.
PAM DUNPHY P.E.
DEPUTY HIGHWAY COMMISSIONER
2302 FISH HATCHERY ROAD
MADISON, WI 53713
PHONE: (608)266-4036
Dunphy@countyofdane.com

PROJECT NO: 221924

VILLAGE OF WINDSOR, WI
HOLLAND FIELDS STORMWATER MANAGEMENT REHABILITATION

COUNTY: DANE

GENERAL NOTES, LEGEND, AND UTILITY CONTACTS

SHEET 2

BAXTER & WOODMAN
CONSULTING ENGINEERS

E

FILE NAME : P:\WINDS\221924-HOLLAND FIELDS - DES\CAD\01_CIVIL 3D\01_SHTS-PLANS\020101-GN.DWG
LAYOUT NAME - 020101-gn

PLOT DATE : 2/14/2024 4:06 PM

PLOT BY : TYLER D. GATES

PLOT NAME :

PLOT SCALE : NA

WISDOT/CADDs SHEET 44

EROSION CONTROL NOTES

1. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.
2. THE CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION REPORTS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.
3. INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
4. WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
5. REFER TO THE WDNR STORMWATER CONSTRUCTION TECHNICAL STANDARDS AT http://dnr.wi.gov/topic/stormwater/standards/const_standards.html.
6. INSTALL PERIMETER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING.
7. STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WDNR TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.
8. REPAIR BREAKS AND GAPS IN BARRIERS IMMEDIATELY.
9. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
10. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
11. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.
12. SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY REGULATORY AGENCIES, VILLAGE OF WINDSOR AND THE ENGINEER. SEPARATE SWEEPED MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
13. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD DUST CONTROL ON CONSTRUCTION SITES # 1068.
14. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL.
15. FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WIDOT PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD NON-CHANNEL EROSION MAT #1052.
16. MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
17. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES (SUCH AS TEMPORARY SEDIMENT BASINS, DITCH CHECKS, EROSION CONTROL MATTING, SILT FENCING, FILTER SOCKS, WATTLES, SWALES, ETC.), OR AS DIRECTED BY REGULATORY AGENCIES AND THE ENGINEER.
18. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WDNR REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSING OF CONTAMINATED MATERIALS. SITE-SPECIFIC INFORMATION FOR AREAS WITH KNOWN OR SUSPECTED SOIL AND/OR GROUNDWATER CONTAMINATION CAN BE FOUND ON WDNR'S BUREAU OF REMEDIATION AND REDEVELOPMENT TRACKING SYSTEM (BRRTS) PUBLIC DATABASE AT: <http://dnr.wi.gov/botw/>

CONVENTIONAL SYMBOLS

PLAN

CORPORATE LIMITS

PROPERTY LINE

LOT LINE

LIMITED HIGHWAY EASEMENT

EXISTING RIGHT OF WAY

PROPOSED OR NEW R/W LINE

SLOPE INTERCEPT

REFERENCE LINE

EXISTING CULVERT

PROPOSED CULVERT
(Box or Pipe)

COMBUSTIBLE FLUIDS

MARSH AREA

WOODED OR SHRUB AREA

PROFILE

GRADE LINE

ORIGINAL GROUND

MARSH OR ROCK PROFILE
(To be noted as such)

SPECIAL DITCH

GRADE ELEVATION

CULVERT (Profile View)

UTILITIES

ELECTRIC

FIBER OPTIC

GAS

SANITARY SEWER

STORM SEWER
















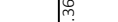


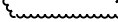
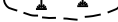





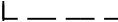


TELEPHONE

WATER

UTILITY PEDESTAL

POWER POLE

TELEPHONE POLE



BENCHMARK LIST

NORTH POND

BM #2552

TOP NUT OF HYDRANT ON THE CORNER OF CIRCLE TRAM WAY AND SINGLE WAY
ELEV = 916.50
NORTHING: 538866.2026 EASTING: 833613.6669

MIDDLE POND

BM #1717

TOP NUT OF HYDRANT ON THE CORNER OF CIRCLE TRAM WAY AND OLD AMSTERDAM WAY
ELEV = 914.98
NORTHING: 538305.9595 EASTING: 833956.9570

SOUTH POND

BM #2551

TOP NUT OF HYDRANT ON THE CORNER OF CIRCLE TRAM WAY AND VAN WINKLE WAY
ELEV = 909.98
NORTHING: 537581.3630 EASTING: 833605.6688

PROBABLE CONSTRUCTION SCHEDULE*

NORTH POND

06/03/2024

INSTALL EROSION CONTROL MEASURES.

06/04/2024 - 06/15/2024

STRIP TOPSOIL, SITE DEMOLITIONS AND DREDGE POND

06/15/2024 - 06/29/2024

GRADE BERMS TO PROPOSED CONTOURS, INSTALL NEW WEIR STRUCTURES AND RIPRAP, PERMANENT SEEDING.

06/29/2024 - 08/29/2024

PERMANENT VEGETATION ESTABLISHMENT PERIOD.

08/29/2024

REMOVE EROSION CONTROL MEASURES.

MIDDLE POND

06/14/2024

INSTALL EROSION CONTROL MEASURES.

06/15/2024 - 06/29/2024

STRIP TOPSOIL, SITE DEMOLITIONS AND DREDGE POND

06/29/2024 - 07/13/2024

GRADE BERMS TO PROPOSED CONTOURS, INSTALL NEW WEIR STRUCTURES AND RIPRAP, PERMANENT SEEDING.

07/13/2024 - 09/13/2024

PERMANENT VEGETATION ESTABLISHMENT PERIOD.

09/13/2024

REMOVE EROSION CONTROL MEASURES

SOUTH POND

06/28/2024

INSTALL EROSION CONTROL MEASURES.

06/29/2024 - 07/13/2024

STRIP TOPSOIL, SITE DEMOLITIONS AND DREDGE POND

07/13/2024 - 07/27/2024

GRADE BERMS TO PROPOSED CONTOURS, INSTALL NEW WEIR STRUCTURES AND RIPRAP, PERMANENT SEEDING.

07/27/2024 - 09/27/1024

PERMANENT VEGETATION ESTABLISHMENT PERIOD.

09/27/2024

REMOVE EROSION CONTROL MEASURES

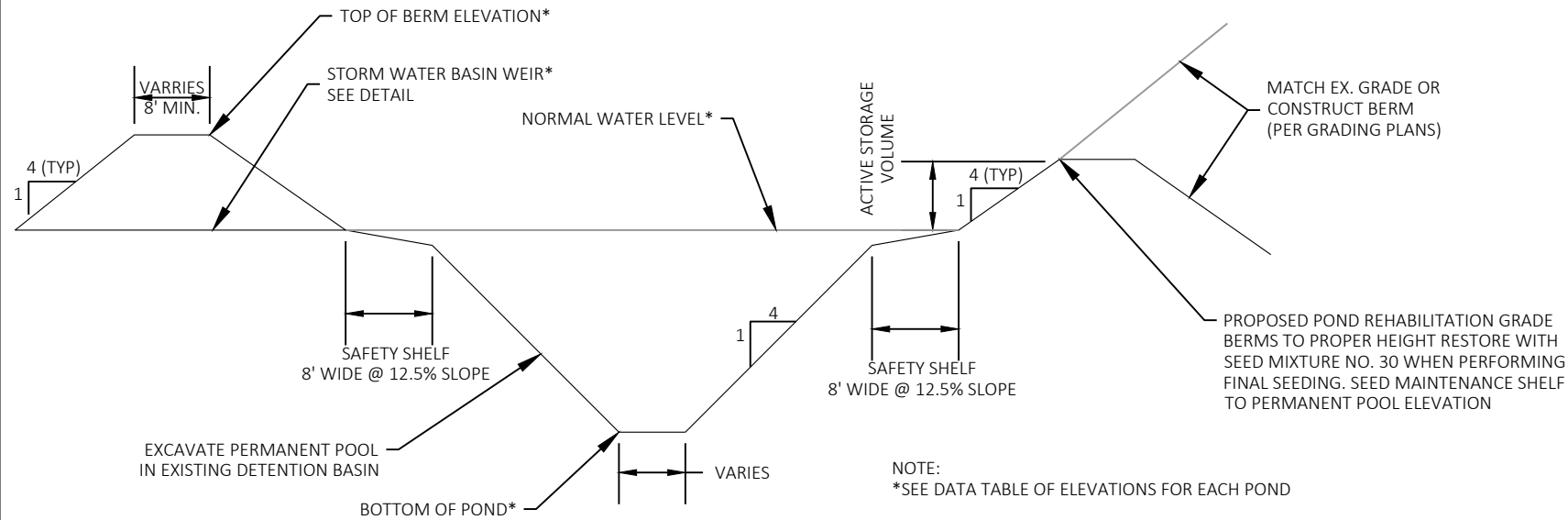
* SCHEDULE SUBJECT TO CHANGE DUE TO ENCOUNTERED CONDITIONS DURING CONSTRUCTION.

DIGGERSHOTLINE

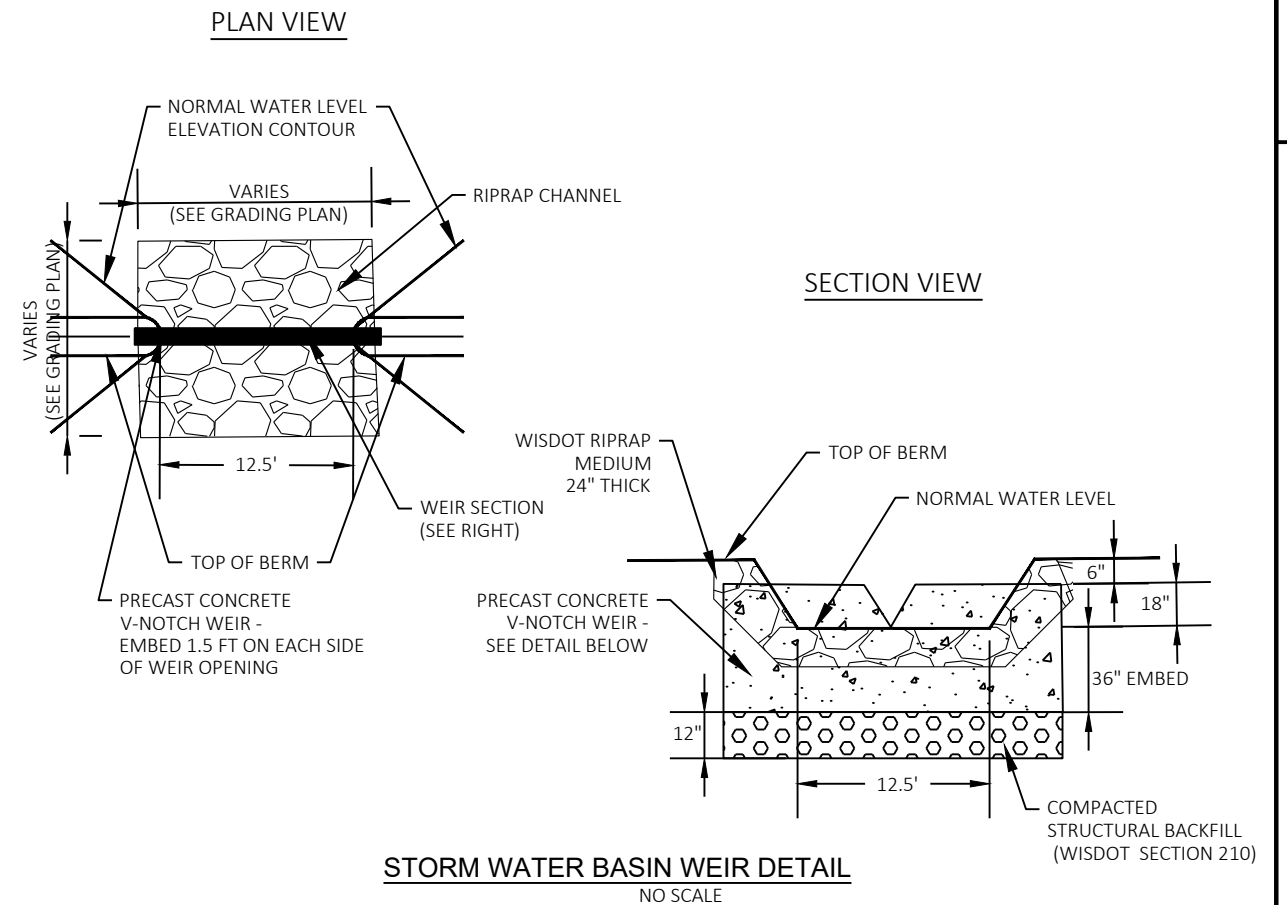
Dial 811 or (800)242-8511

www.DiggersHotline.com

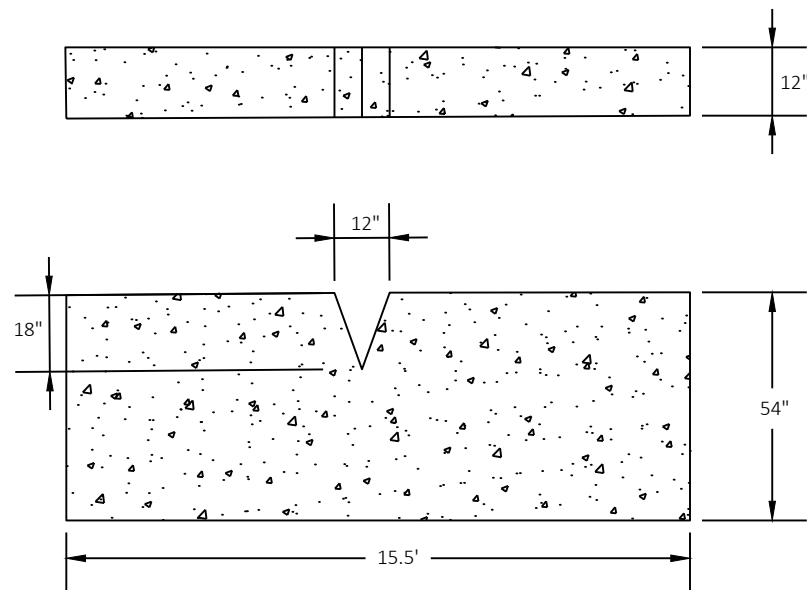
POND ELEVATION DATA TABLE				
LOCATION	TOP OF BERM ELEV.	WEIR ELEV.	NORMAL WATER LEVEL ELEV.	BOTTOM ELEV.
NORTH	906'	905.5' TOP/904' V-NOTCH	904'	901'
MIDDLE	906'	905.5' TOP/904' V-NOTCH	904'	901'
SOUTH	904'	903.5' TOP/902' V-NOTCH	902'	899'



STORM WATER BASIN REHABILITATION DETAIL
NO SCALE



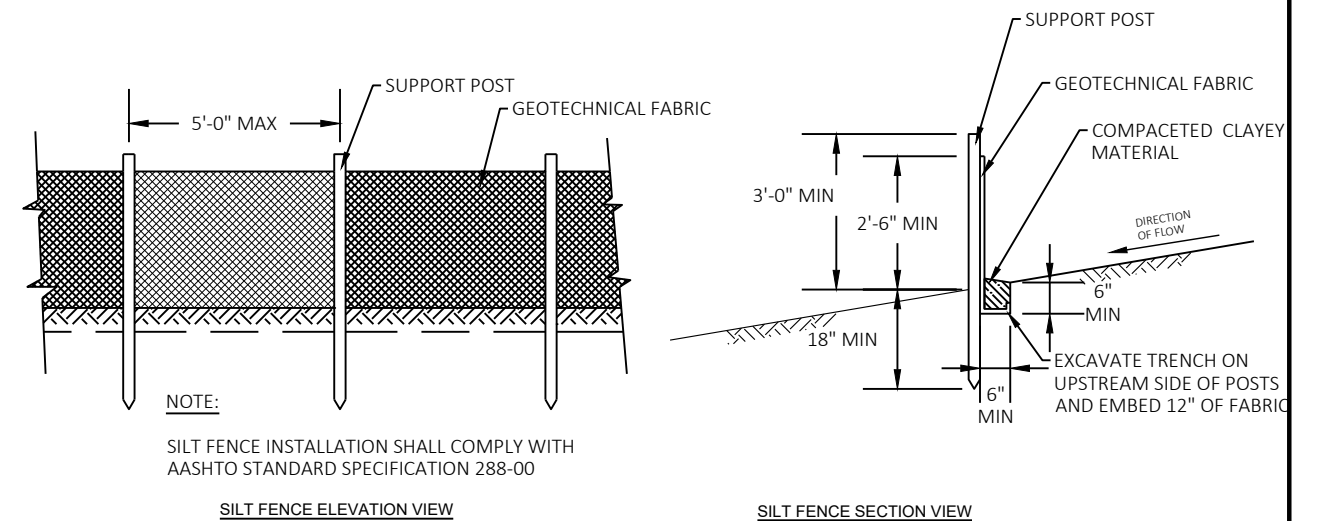
STORM WATER BASIN WEIR DETAIL
NO SCALE



PRECAST CONCRETE V-NOTCH WEIR
NO SCALE

GENERAL NOTES:

- CONCRETE - 4000 PSI @ 28 DAYS MINIMUM
- STEEL REINFORCEMENT: ASTM A-615 GRADE 60 DEFORMED BARS
- REINFORCEMENT SIZE AND SPACING BY PRECAST MANUFACTURER'S ENGINEER



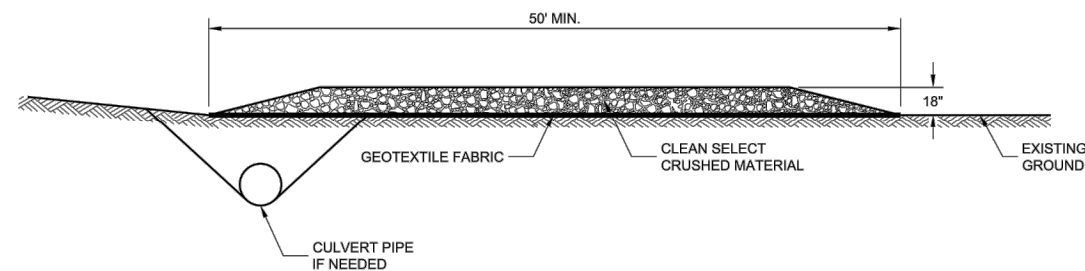
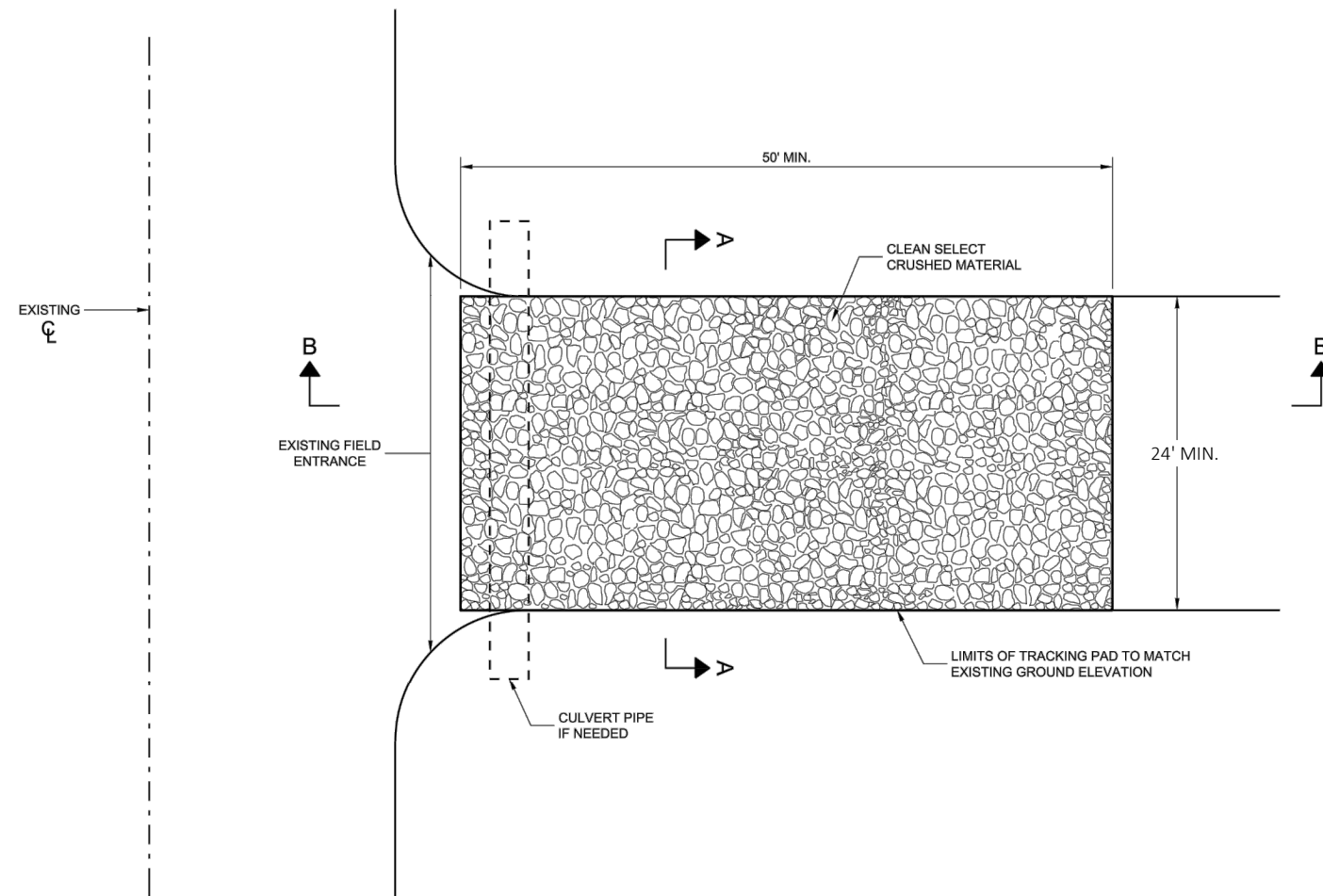
SILT FENCE DETAIL
NO SCALE



SDD 08E14 Tracking Pad

6

SDD 08E14 - 01



SECTION B - B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

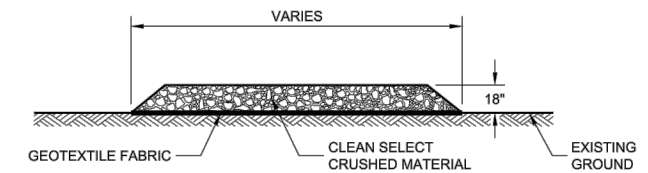
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A - A

6

SDD 08E14 - 01




TRACKING PAD

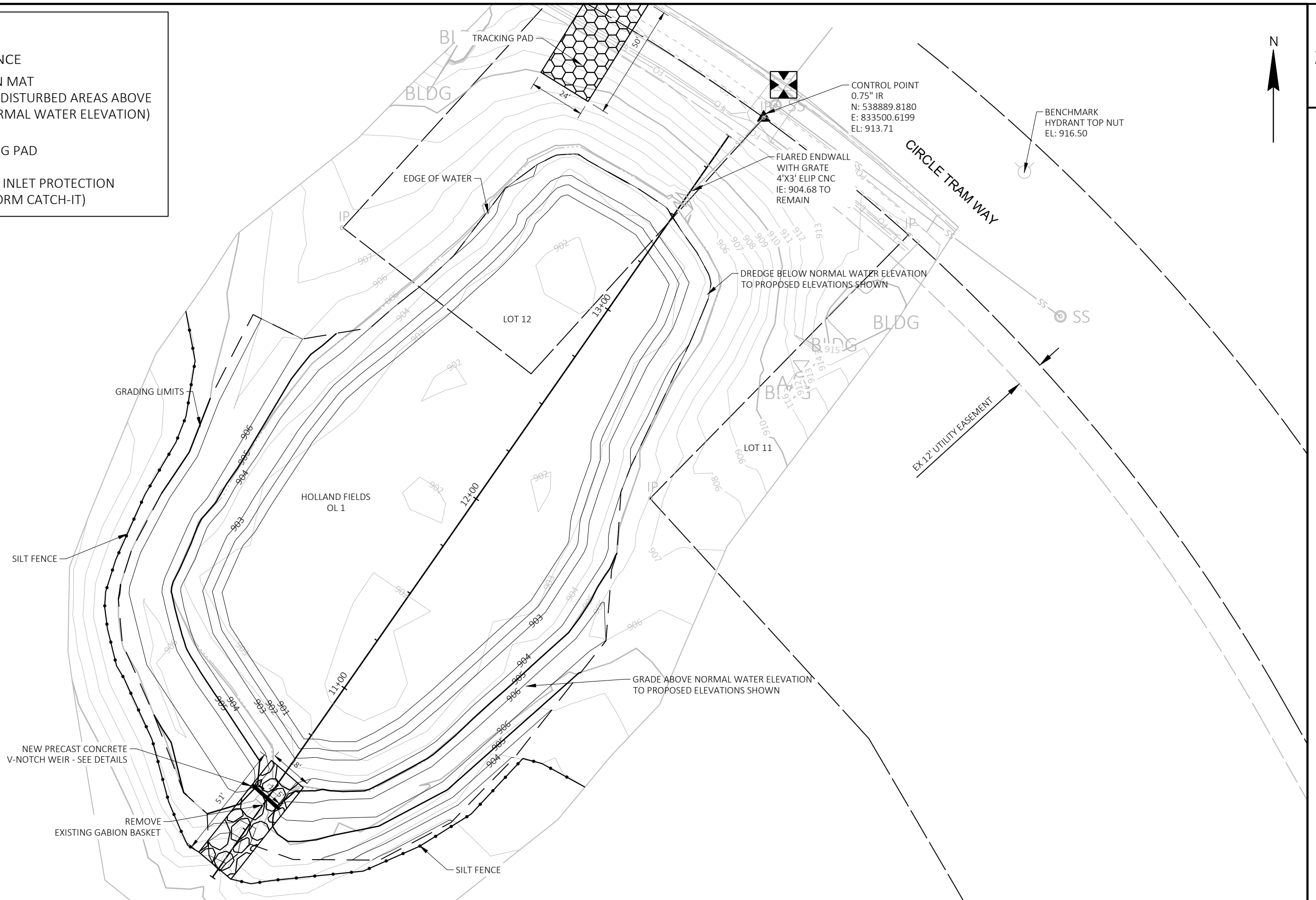
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/24/2011
DATE

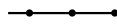
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT
ENGINEER

FHWA

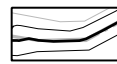
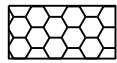
-  EROSION MAT
(ON ALL DISTURBED AREAS ABOVE THE NORMAL WATER ELEVATION)
 -  TRACKING PAD
 -  FRAMED INLET PROTECTION
(FLEXSTORM CATCH-IT)



LEGEND



SILT FENCE

EROSION MAT
(ON ALL DISTURBED AREAS ABOVE
THE NORMAL WATER ELEVATION)

TRACKING PAD

FRAMED INLET PROTECTION
(FLEXSTORM CATCH-IT)SILT FENCE
GENERALLY FOLLOW THE
904' ELEVATION CONTOURREMOVE
EXISTING GABION BASKETNEW PRECAST CONCRETE
V-NOTCH WEIR - SEE DETAILSSILT FENCE
GENERALLY FOLLOW THE
904' ELEVATION CONTOURGRADE ABOVE NORMAL WATER ELEVATION
TO PROPOSED ELEVATIONS SHOWN

GRADING LIMITS

FLARED ENDWALL
WITH GRATE
24" RCP
IE: 904.15
TO REMAINFLARED ENDWALL
WITH GRATE
4'X3' ELIP RCP
IE: 903.99
TO REMAINDREDGE BELOW NORMAL WATER ELEVATION
TO PROPOSED ELEVATIONS SHOWN

EDGE OF WATER

BENCHMARK
HYDRANT TOP NUT
EL: 914.98FLARED ENDWALL
WITH GRATE
18" RCP
IE: 906.07
TO REMAINCONTROL POINT
CHISELED X IN WALK
N: 538224.6302
E: 833838.4569
EL: 911.63

TRACKING PAD

PROTECT STORM STRUCTURE FROM DEBRIS AND STONE
WHILE PLACING TRACKING PAD. MAINTAIN INLET PROTECTION
DAILY TO REMOVE DEBRIS DURING CONSTRUCTION WORK

PROJECT NO: 221924

VILLAGE OF WINDSOR, WI
HOLLAND FIELDS STORMWATER MANAGEMENT REHABILITATION

COUNTY: DANE

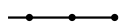
MIDDLE POND PLAN

SHEET 7

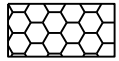
BAXTER & WOODMAN

E

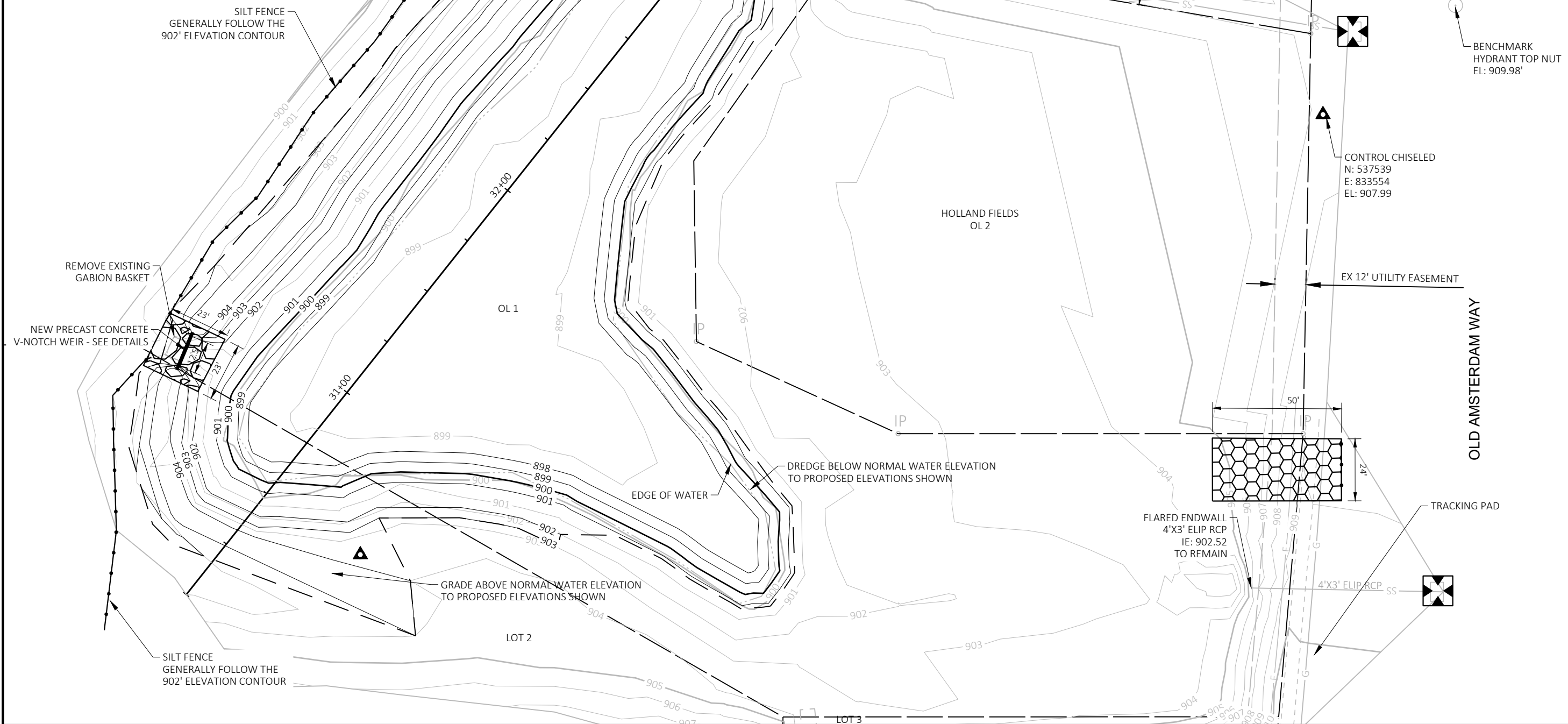
LEGEND



SILT FENCE

EROSION MAT
(ON ALL DISTURBED AREAS ABOVE
THE NORMAL WATER ELEVATION)

TRACKING PAD

FRAMED INLET PROTECTION
(FLEXSTORM CATCH-IT)

PROJECT NO: 221924

VILLAGE OF WINDSOR, WI
HOLLAND FIELDS STORMWATER MANAGEMENT REHABILITATION

COUNTY: DANE

SOUTH POND PLAN

SHEET 8

BAXTER & WOODMAN

E

FILE NAME : P:\WINDS\221924-HOLLAND FIELDS - DES\CAD\01_CIVIL 3D\01_SHTS-PLANS\050201-PN.DWG
LAYOUT NAME : SOUTH

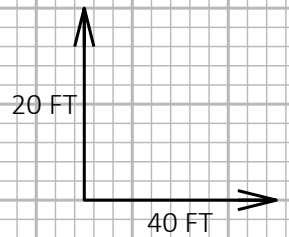
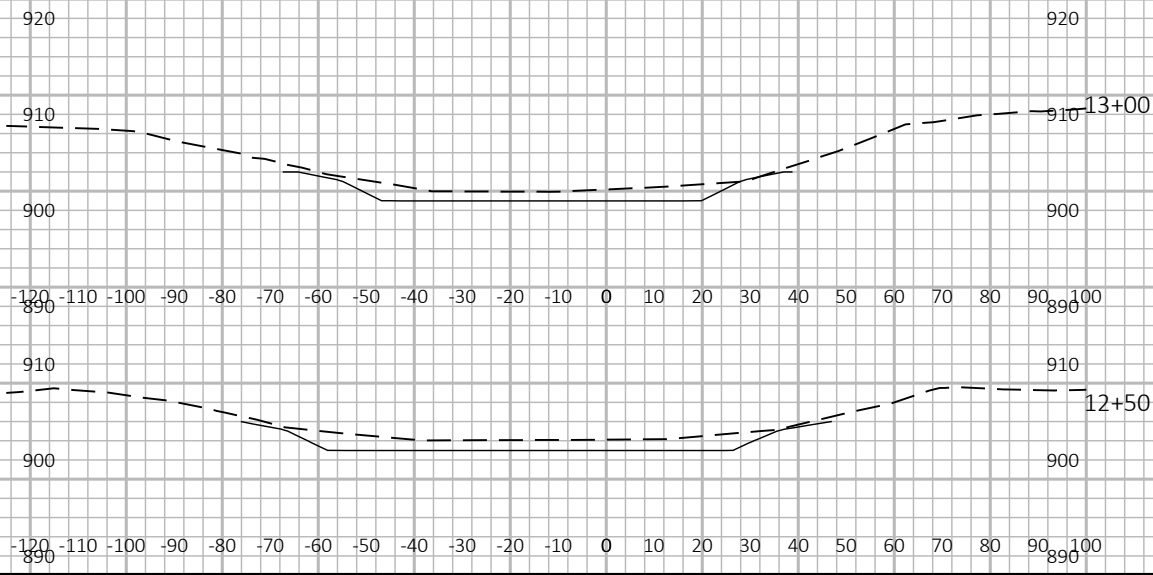
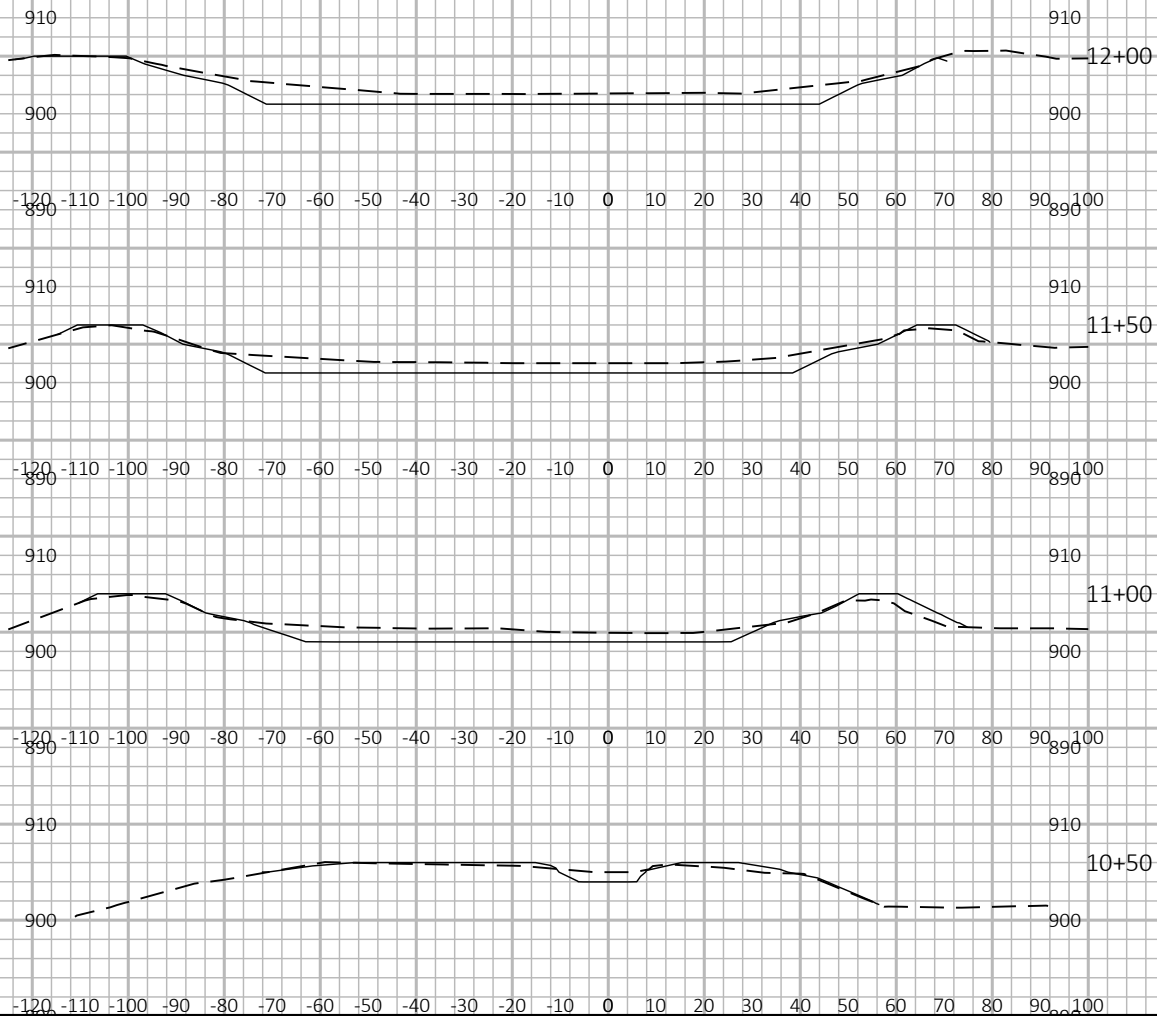
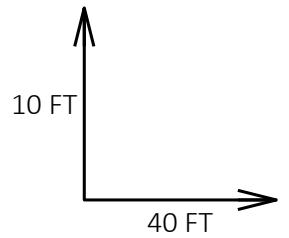
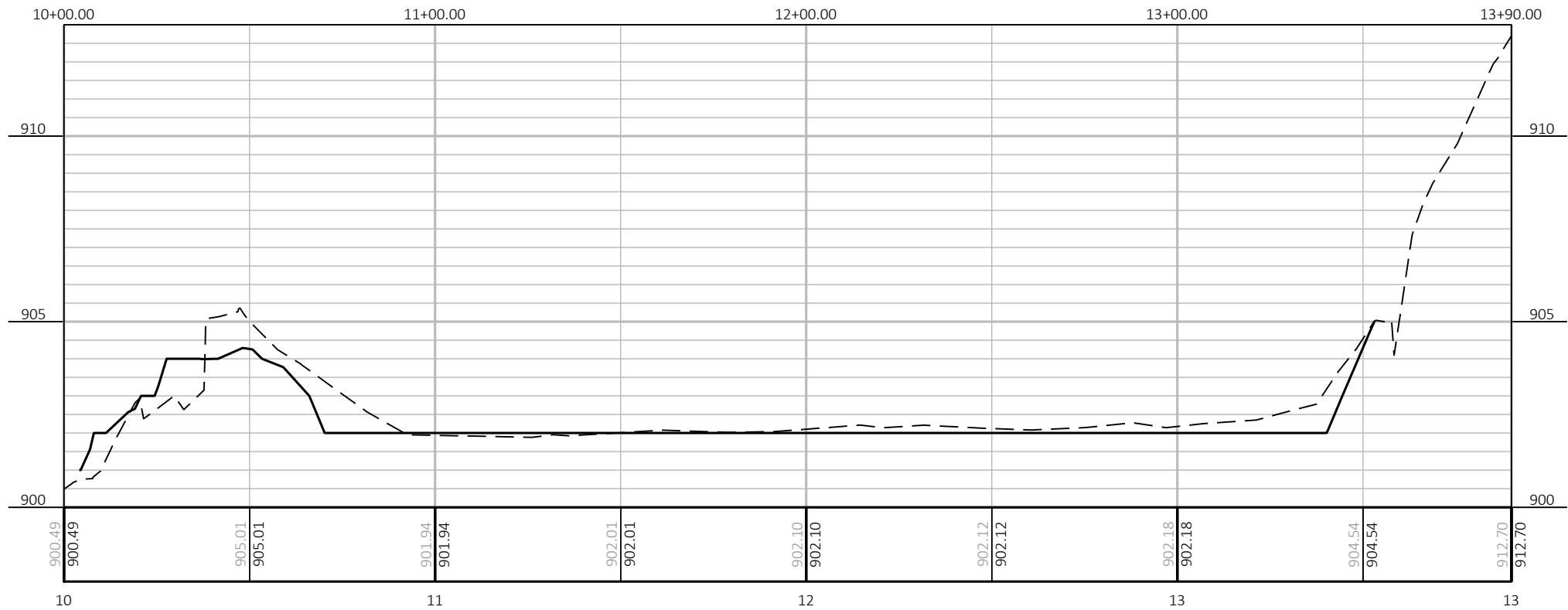
PLOT DATE : 2/14/2024 4:07 PM

PLOT BY : TYLER D. GATES

PLOT NAME :

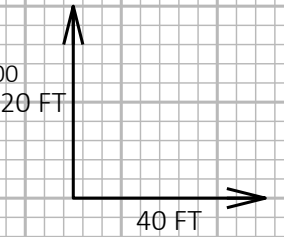
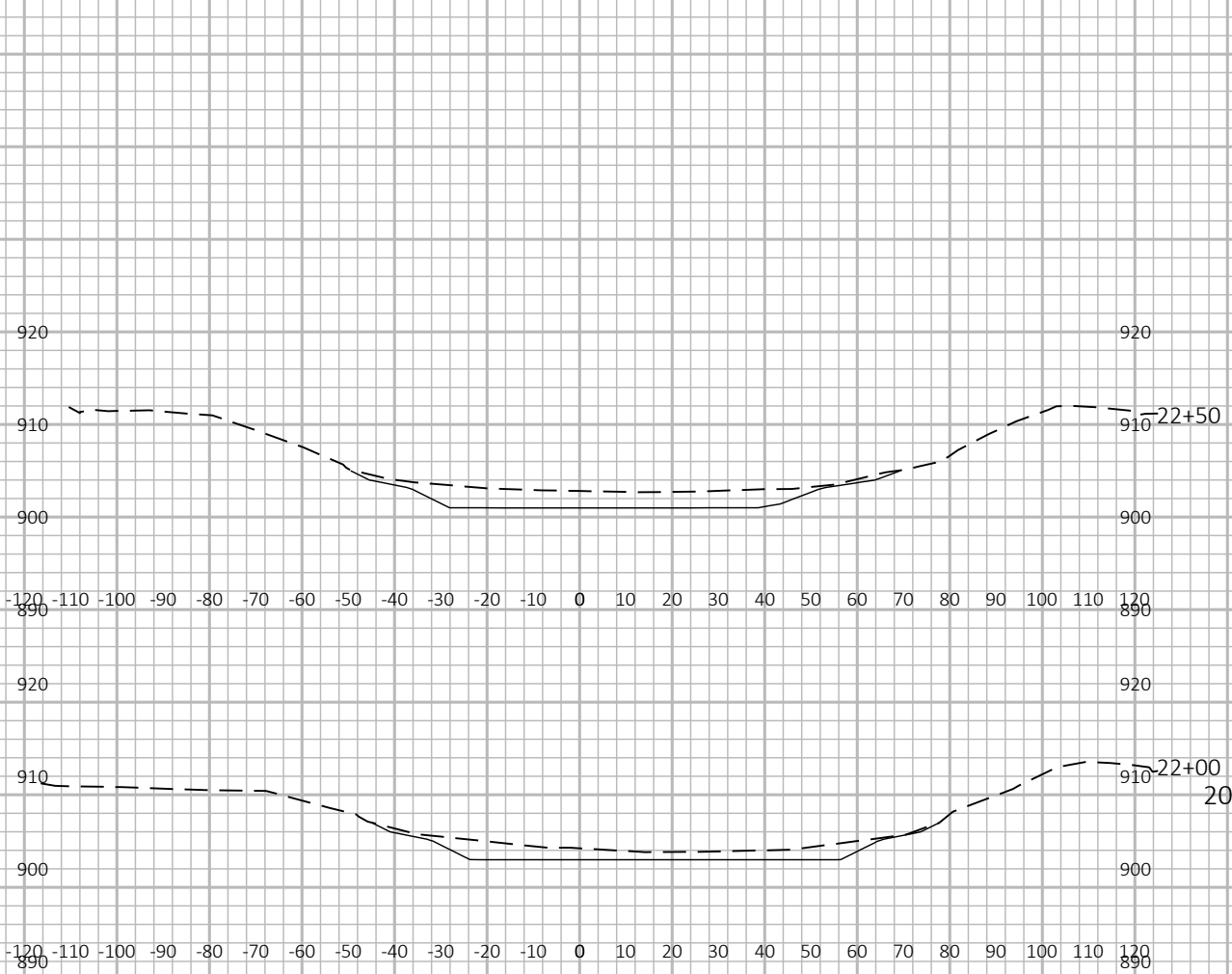
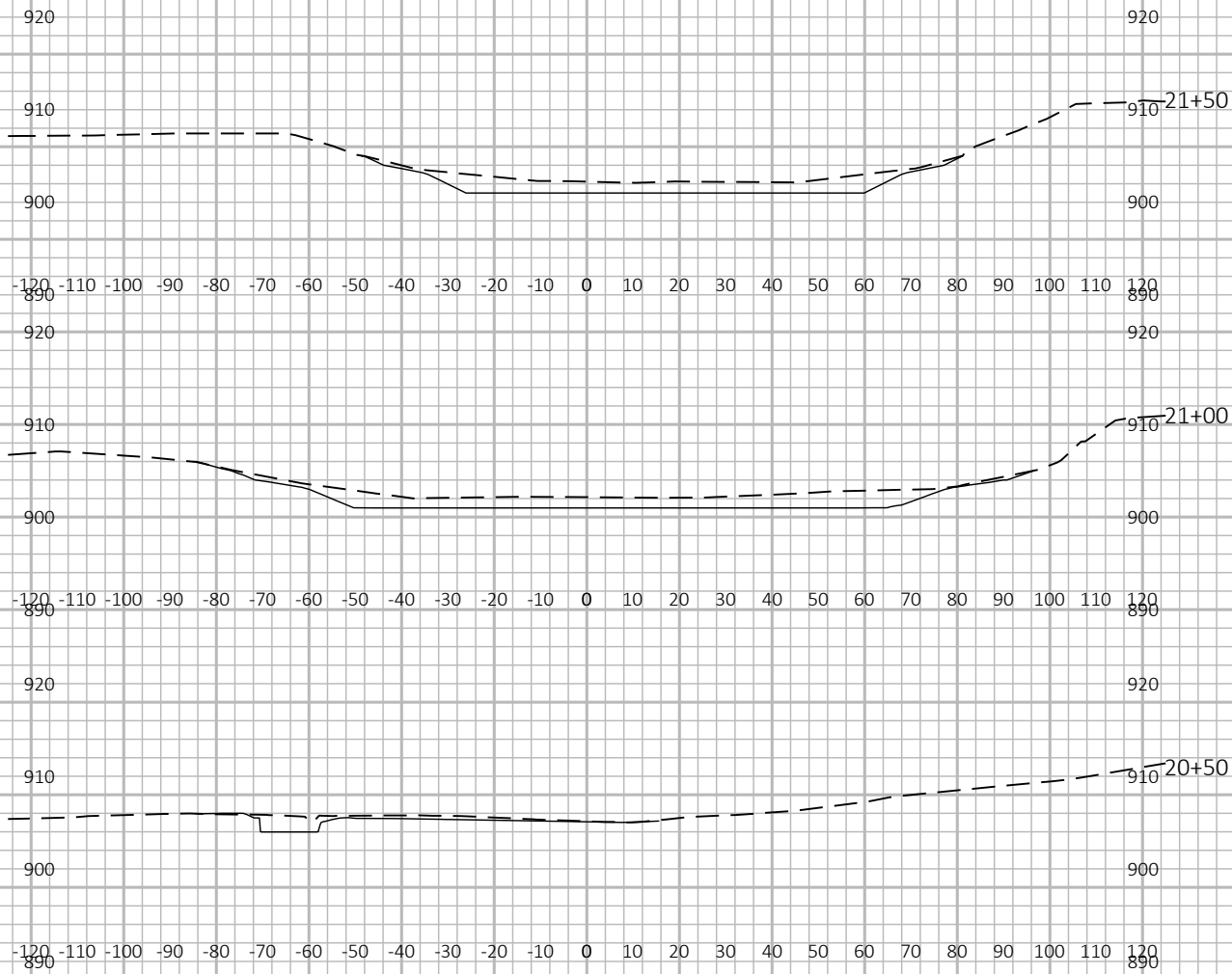
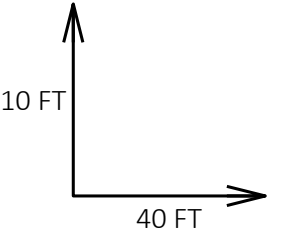
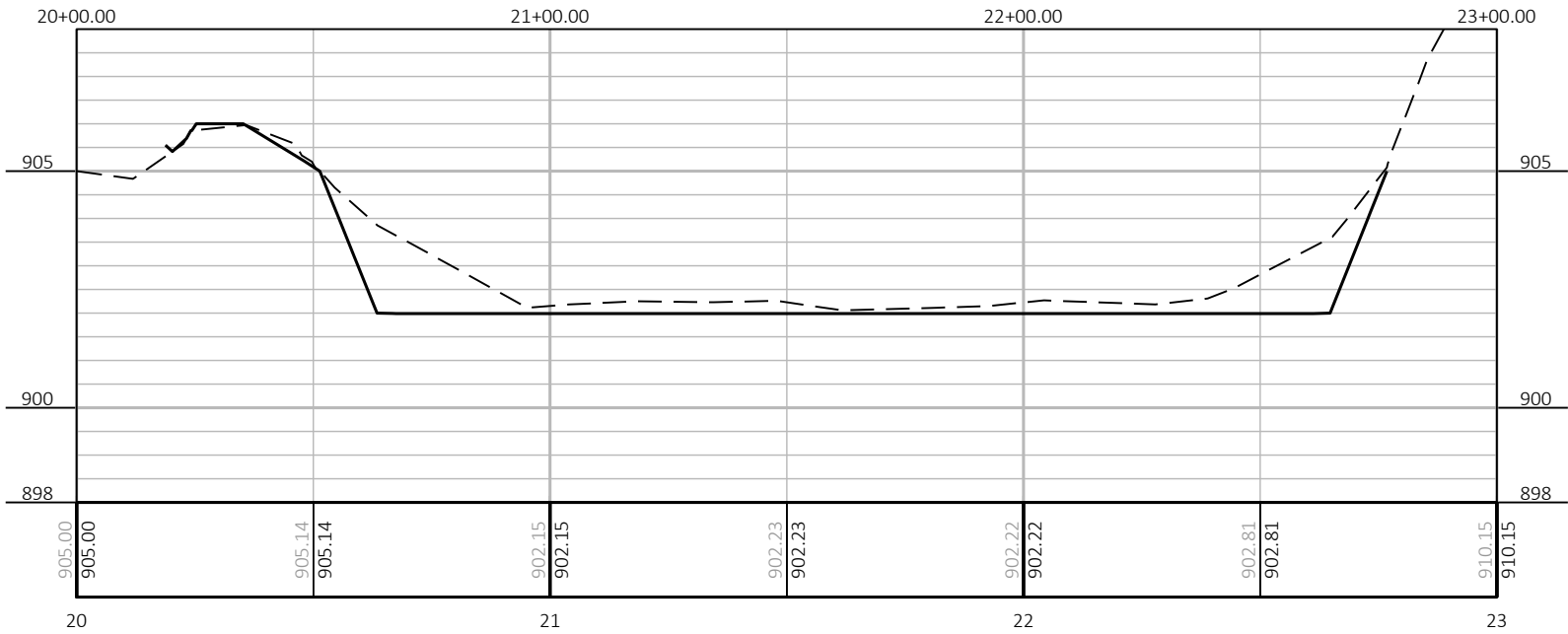
PLOT SCALE : 1 IN=40 FT

WISDOT/CADDs SHEET 44



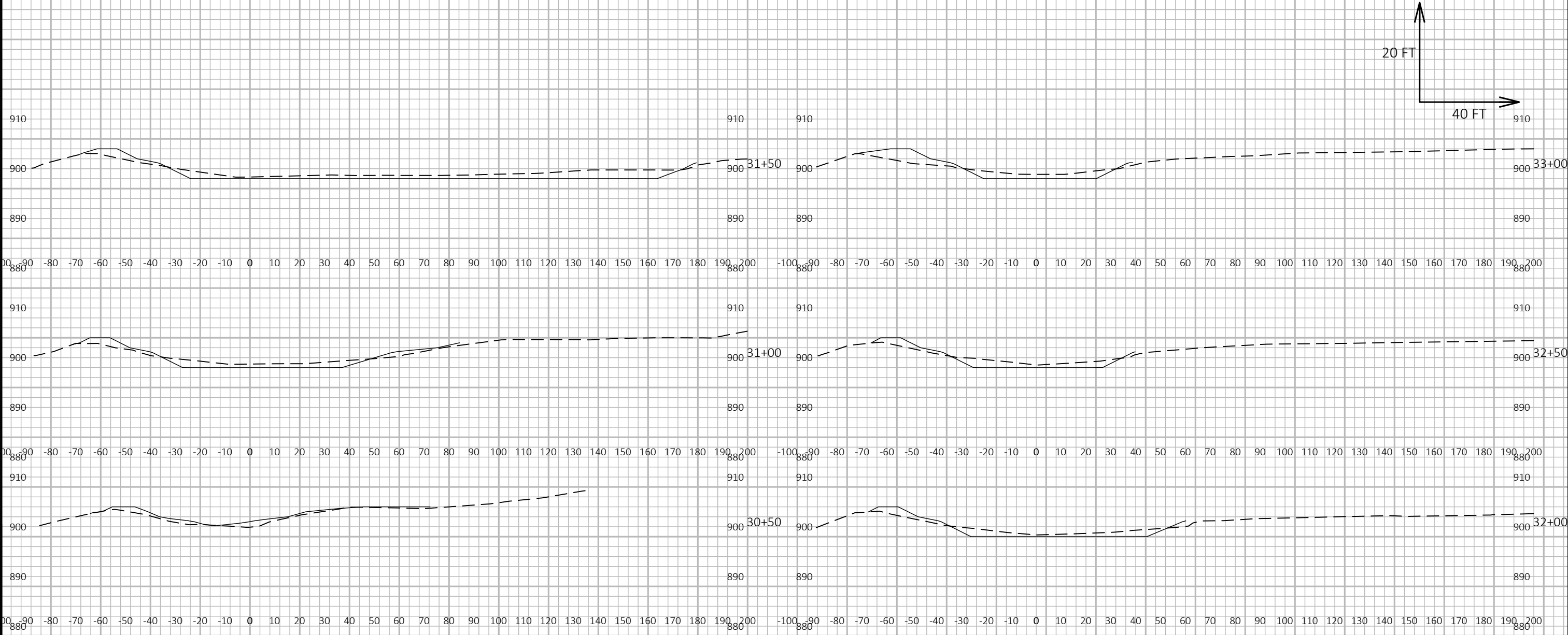
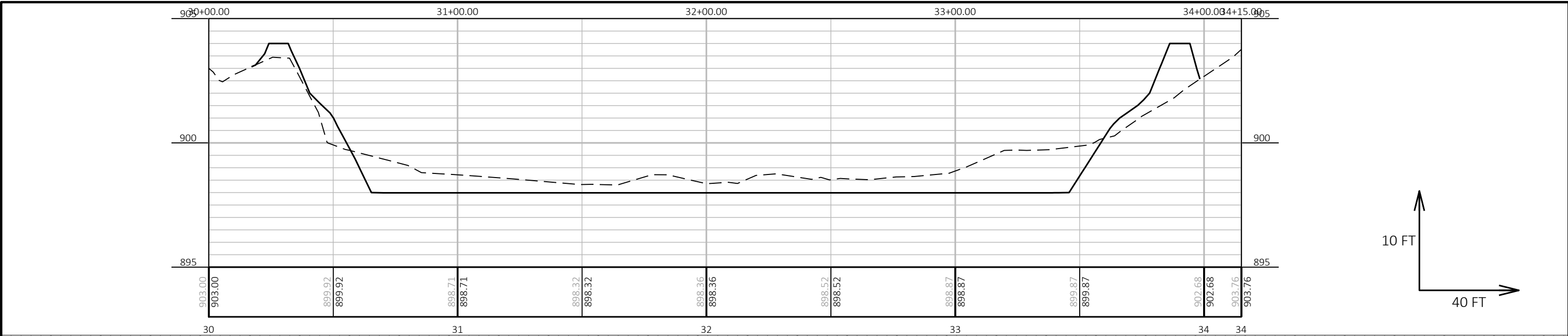
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