



NOTES

SOURCE NOTES

- 1. COORDINATE SYSTEM IS NAD83, FREEBORN COUNTY, MINNESOTA COUNTY SYSTEM (US SURVEY FEET).
2. VERTICAL DATUM IS NAVD88.
3. CDF PARCEL LINE AND UTILITY LINES ARE FROM JONES HAUGH SMITH ENGINEERS & SURVEYORS FILE 16-038 DWG. CERTIFICATE OF SURVEY SIGNED JUNE 7, 2016.
4. TOPOGRAPHIC SURVEY PERFORMED BY ISG IN OCTOBER 2023 AND JANUARY 2024. CONTOURS AS SHOWN ARE A COMPILATION OF TWO SURVEYS PERFORMED.
5. 100 YEAR AND 500 YEAR FLOODPLAIN LINES PROVIDED BY FEMA FLOODPLAIN MAP SERVICE.

GENERAL NOTES

- 1. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF ALL CONTRACT DOCUMENTS PRIOR TO CONSTRUCTION.
2. IF THE CONTRACTOR FINDS ANY SIGNIFICANT DISCREPANCY BETWEEN THESE CONSTRUCTION DRAWINGS AND ACTUAL FIELD CONDITIONS, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY.
3. CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE BEFORE MAKING ANY DEVIATIONS FROM THE PROJECT DRAWINGS GREATER THAN SPECIFIED IN THE CONSTRUCTION TOLERANCES.
4. ANY COMPLETED CONSTRUCTION THAT IS FOUND TO BE IN NON-CONFORMANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER, UNLESS SUCH DEVIATIONS ARE APPROVED, IN ADVANCE, BY THE OWNER'S REPRESENTATIVE.
5. CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION. PREMISES SHALL BE LEFT IN A CLEAN CONDITION AND FREE FROM TRASH, DEBRIS, DUST, OR OTHER HAZARDS OF ANY NATURE AT PROJECT COMPLETION.
6. DISPOSAL OF ALL MATERIALS SHALL BE COMPLETED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS AND SHALL BE CONTRACTOR'S RESPONSIBILITY.
7. CONTRACTOR SHALL VERIFY ACTUAL FIELD CONDITIONS PRIOR TO CONSTRUCTION. ALL BASE MAP INFORMATION CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THE TIME OF THE SURVEYS. USE OF THIS INFORMATION BY CONTRACTOR OR OTHERS SHALL BE AT THE SOLE RISK OF THE CONTRACTOR.
8. UNLESS OTHERWISE NOTED, ALL EXISTING FEATURES DESIGNATED ON THE DRAWINGS ARE TO REMAIN, INCLUDING, BUT NOT LIMITED TO, VEGETATION, SIGNS, FENCING/GATES, AND STRUCTURES. FEATURES SHALL BE VERIFIED, LOCATED, AND PROTECTED DURING ALL PHASES OF CONSTRUCTION. ANY DAMAGE TO EXISTING STRUCTURES, EQUIPMENT, UTILITIES, OR OTHER FEATURES SHALL BE REPAIRED OR REPLACED BY CONTRACTOR TO THE SATISFACTION OF OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO OWNER.
9. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, UTILITIES, AND EXISTING FEATURES WITHIN THE LIMITS OF WORK PRIOR TO THE START OF ANY WORK AND DETERMINE THE APPROPRIATE QUANTITIES AND REQUIRED MATERIALS TO COMPLETE THE WORK IN ACCORDANCE WITH THE DRAWINGS AND APPLICABLE CONTRACT DOCUMENTS. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE.
10. THE LOCATION, EXISTENCE, AND SERVICEABILITY OF ANY UTILITIES MAY VARY. CONTRACTOR SHALL INDEPENDENTLY DETERMINE THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION ACTIVITIES AND MAINTAIN PROTECTION OF ALL EXISTING UTILITIES DURING PERFORMANCE OF THE WORK.
11. CONTRACTOR SHALL CONTACT ONE-CALL UTILITY LOCATE THROUGH GOPHER STATE ONE CALL, AS REQUIRED BY LAW, PRIOR TO GROUND DISTURBANCE AND MAINTAIN UTILITY CLEARANCE THROUGH PERFORMANCE OF THE WORK.
12. CONTRACTOR SHALL NOT STOCKPILE OR STAGE EQUIPMENT/MATERIALS WITHIN 50 FEET OF UTILITIES.
13. PROFILES, SECTIONS, AND DETAILS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY AND ARE PROVIDED ONLY TO ILLUSTRATE THE INTENT OF THE DESIGN. ACTUAL SITE CONDITIONS MAY VARY FROM THE INFORMATION SHOWN AND SHALL BE VERIFIED BY CONTRACTOR.
14. CONTRACTOR SHALL COOPERATE WITH ALL OTHER PARTIES ENGAGED IN SITE-RELATED ACTIVITIES.
15. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR EXACT CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
16. CONTRACTOR SHALL MAINTAIN AND PROVIDE THE OWNER'S REPRESENTATIVE WITH RECORD DRAWINGS INDICATING ANY CHANGES, REVISIONS, ADDITIONS, OR DELETIONS. CERTIFICATION POINTS SHALL BE COLLECTED AT RANDOM, 2 PER ACRE ACROSS THE PROJECT SITE AND SHALL BE INCLUDED ON THE RECORD DRAWINGS. FINAL PAYMENT WILL NOT BE MADE UNTIL SATISFACTORY RECORD DRAWINGS ARE PROVIDED TO THE OWNER'S REPRESENTATIVE.
17. CONTRACTOR SHALL ASSUME ALL CONSTRUCTION RISKS ASSOCIATED WITH THE NATURE AND BEHAVIOR OF THE SOIL/MATERIALS WHICH MAY BE ENCOUNTERED.
18. CONTRACTOR SHALL PROVIDE ACCESS TO THE CONSTRUCTION SITE FOR INSPECTORS OR OTHER OWNER'S REPRESENTATIVE-DESIGNATED PERSONNEL AND SHALL PROVIDE MATERIAL SAMPLES FOR TESTING UPON OWNER'S REPRESENTATIVE REQUEST.
19. SUBSTITUTION OF PRODUCTS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
20. SEQUENCING AND STOCKPILING PLANS AS SHOWN ON THE DRAWINGS MAY REQUIRE ADJUSTMENTS BASED ON FIELD CONDITIONS ENCOUNTERED AND BEST PRACTICES. FIELD ADJUSTMENTS IN COORDINATION WITH THE OWNER'S REPRESENTATIVE ARE ANTICIPATED DURING THE WORK.
21. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THE PROTECTION AND SAFE KEEPING OF PRODUCTS AND EQUIPMENT UNDER THIS CONTRACT THAT ARE STORED ON-SITE DURING THE EXECUTION OF THE WORK.
22. CONTRACTOR SHALL PROTECT THE PROPERTY FROM DAMAGE DURING EXECUTION OF THE WORK. ALL AREAS TEMPORARILY DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION UNLESS NOTED OTHERWISE ON THE DRAWINGS.
23. WORK SHALL BE LIMITED THE WORK LIMITS SHOWN ON THE DRAWINGS.

WORK RESTRICTIONS

- 1. WORKING HOURS ARE TO BE 5 AM TO 10 PM, MONDAY THROUGH FRIDAY. CONTRACTOR MAY ALTER WORK HOURS OR DAYS FOR WORK ONLY AFTER RECEIVING WRITTEN APPROVAL FROM OWNER'S REPRESENTATIVE. AFTER RECEIVING THE APPROVALS, OWNER'S REPRESENTATIVE SHALL BE NOTIFIED 72 HOURS BEFORE EACH WORKDAY WHERE THE WORK WILL BE CONDUCTED OUTSIDE THE 5 AM TO 10 PM WINDOW.
2. ALL ACCESS, INCLUDING DELIVERY OF MATERIALS AND EQUIPMENT, SHALL BE FROM THE ENTRANCE LOCATED AT 23372 740TH AVE, ALBERT LEA, MN.
3. CONFORM TO ALL APPLICABLE LAWS, REGULATIONS, CODES, ORDINANCES AND STANDARDS AND CONTRACT DOCUMENTS.
4. CONFORM TO THE REQUIREMENTS OF PERMITS.
5. PERFORM WORK IN A MANNER THAT WILL ALLOW THE SITE AND ADJACENT PROPERTY OWNERS TO MAINTAIN NORMAL ACTIVITIES. CONTRACTOR SHALL ENSURE THAT NEIGHBORING OPERATIONS OR ACTIVITIES ARE NOT DISTURBED, INTERRUPTED, OR PROHIBITED AS A RESULT OF WORK.

HEALTH AND SAFETY REQUIREMENTS

- 1. ALL ON-SITE PERSONNEL HAVE AUTHORITY TO STOP WORK ACTIVITIES IF UNSAFE PRACTICES AND/OR CONDITIONS ARE OBSERVED. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IF WORK ACTIVITIES HAVE BEEN STOPPED. CONTRACTOR SHALL TAKE PRECAUTIONS TO ADDRESS THE UNSAFE PRACTICES AND/OR CONDITIONS TO THE SATISFACTION OF OWNER'S REPRESENTATIVE PRIOR TO RESTARTING WORK. FAILURE TO STOP WORK MAY RESULT IN PERSONNEL BEING BANNED FROM THE PROJECT AND REPLACED BY CONTRACTOR OR TERMINATION OF CONTRACTOR'S CONTRACT.
2. CONTRACTOR SHALL AT ALL TIMES BE SOLELY RESPONSIBLE FOR EXERCISING REASONABLE PRECAUTIONS TO PROTECT THE HEALTH, SAFETY, AND WELFARE OF SITE WORKERS, ON-SITE PERSONNEL, SITE VISITORS, TRESPASSERS, AND THE ENVIRONMENT DURING PERFORMANCE OF THE WORK.
3. CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT. ANY PERSONNEL THAT HAVE THE POTENTIAL TO BE EXPOSED TO HAZARDOUS OR POTENTIALLY HAZARDOUS MATERIALS SHALL BE TRAINED AND SHALL PERFORM ALL WORK IN COMPLIANCE WITH APPLICABLE SECTIONS OF OSHA 29 CFR 1926 AND 1910.
4. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY ENVIRONMENTAL AND/OR HEALTH AND SAFETY INCIDENTS. INCIDENTS INCLUDE ANY UNPLANNED EVENT RELATED TO A PERSON, EQUIPMENT, PROPERTY, AND/OR THE ENVIRONMENT RESULTING IN OR POTENTIAL FOR INJURY/ILL HEALTH, DAMAGE, OR OTHER LOSS. INCIDENTS MAY RESULT IN STOP WORK UNTIL A ROOT CAUSE ANALYSIS AND CORRECTIVE ACTION PLAN FOR THAT SPECIFIC INCIDENT HAVE BEEN APPROVED BY OWNER'S REPRESENTATIVE.
5. WORK SHALL REQUIRE PERSONAL PROTECTION PROVIDED BY LEVEL D. UPGRADING THE LEVEL OF PROTECTION SHALL BE THE SOLE RESPONSIBILITY OF CONTRACTOR. THE SITE SAFETY HEALTH OFFICER (SSHO) SHALL NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY OF THE NEED TO UPGRADE LEVELS OF PROTECTION.
6. CONTRACTOR SHALL COMPLY WITH REQUESTS FROM OWNER'S REPRESENTATIVE RELATED TO HEALTH AND SAFETY.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEVELOPMENT AND IMPLEMENTATION OF A SITE-SPECIFIC HEALTH AND SAFETY PLAN (HASP) WHICH SHALL BE SUBMITTED FOR REVIEW BY OWNER'S REPRESENTATIVE TO BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS PRIOR TO THE START OF WORK.
8. CONTRACTOR SHALL COMPLY WITH APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS. REQUIREMENTS SHALL BE INCORPORATED IN CONTRACTOR'S HASP AND UPDATED ACCORDINGLY.
9. CONTRACTOR SHALL DESIGNATE A SSHO AND TASK SPECIFIC COMPETENT PERSON(S) WHOM SHALL BE APPROVED BY OWNER'S REPRESENTATIVE, AND SHALL OVERSEE THE CONTINUOUS, DAY-TO-DAY, IMPLEMENTATION AND ENFORCEMENT OF THE HASP. AT LEAST ONE SSHO SHALL BE PRESENT ON SITE WHENEVER WORK IS OCCURRING AND SHALL REPORT MATTERS PERTAINING TO SITE SAFETY, HEALTH, AND ENVIRONMENTAL CONCERNS. QUALIFICATIONS AND PRIOR RELEVANT PROJECT EXPERIENCE OF THE SSHO AND COMPETENT PERSONS SHALL BE SUBMITTED TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO THEIR PARTICIPATION ON THE PROJECT. SUBSTITUTION OF THE PROJECT-ASSIGNED SSHO AND/OR COMPETENT PERSONS SHALL NOT BE ALLOWED UNLESS THERE HAS BEEN AN OWNER'S REPRESENTATIVE-APPROVED AND QUALIFIED SUBSTITUTE ASSIGNED.

ENVIRONMENTAL PROCEDURES

- 1. CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE THAT NO CONTAMINATION OF THE SOIL, GROUNDWATER, SURFACE WATERS, OR OTHER AREAS WILL OCCUR FROM ANY ACTIVITIES, EQUIPMENT, OR MATERIALS USED TO PERFORM THE WORK.
2. IN THE EVENT OF A SPILL OR RELEASE RELATED TO CONTRACTOR'S MATERIAL OR EQUIPMENT, CONTRACTOR SHALL STOP WORK IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE, AND IMMEDIATELY IMPLEMENT ALL NECESSARY MEASURES THAT CAN BE DEPLOYED SAFELY TO STOP THE RELEASE, CONTAIN THE SPILLED MATERIAL, CLEAN UP THE SPILL, ABSORB OR OTHERWISE COLLECT SPILLED FLUIDS, REMOVE MATERIALS IMPACTED BY THE RELEASE, AND PLACE THE MATERIALS INTO APPROPRIATE CONTAINERS AND DISPOSE OF PROPERLY AT CONTRACTOR'S EXPENSE.
3. USE ENVIRONMENTALLY ACCEPTABLE HYDRAULIC FLUIDS THAT ARE BIODEGRADABLE, NON-TOXIC OR MINIMALLY TOXIC, AND NOT BIOACCUMULATIVE TO THE EXTENT TECHNICALLY FEASIBLE.
4. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY FUEL STORAGE FACILITIES AS NEEDED TO COMPLETE THE WORK IN COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS AT THE SITE.

SECURITY PROCEDURES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY WITHIN THE WORK AREA. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY AND PROTECTION OF CONTRACTOR'S AND SUBCONTRACTOR'S EQUIPMENT, SUPPLIES, AND MATERIALS AT ALL TIMES. ANY VANDALISM, DAMAGE, OR THEFT SHALL BE THE SOLE RESPONSIBILITY OF CONTRACTOR.
2. CONTRACTOR AND CONTRACTOR'S SUBCONTRACTOR(S) SHALL PROVIDE APPROPRIATE LOCKING MECHANISMS NECESSARY TO PROPERLY SECURE AND LOCKOUT/TAGOUT EQUIPMENT AND/OR ENERGY SOURCES AS NEEDED THROUGHOUT THE DURATION OF THE WORK.
3. ENCLOSURES, BARRIERS, AND GATES, IF ANY, WITHIN THE WORK AREA SHALL BE PROPERLY MAINTAINED BY CONTRACTOR. DURING WORKING HOURS, CONTRACTOR IS RESPONSIBLE FOR CONTROLLING ACCESS TO THE WORK AREAS FOR AUTHORIZED PERSONNEL ONLY.
4. CONTRACTOR SHALL MAINTAIN AND FURNISH A DAILY SIGN-IN/SIGN-OUT LOG FOR ALL CONTRACTOR'S PERSONNEL AND VISITORS TO THE SITE AND OFFSITE SUPPORT AREAS, IF APPLICABLE.
5. DELIVERY/TRANSPORT VEHICLES AND ASSOCIATED PERSONNEL ENTERING THE WORK AREA SHALL SIGN A SITE ENTRY REGISTRY (LOG) UPON ARRIVAL AND UPON DEPARTURE.

EROSION AND SEDIMENTATION CONTROLS

- 1. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, SUPERVISION, TRANSPORTATION, AND INCIDENTALS REQUIRED TO PROVIDE, INSTALL, MAINTAIN, REPAIR, AND REPLACE EROSION AND SEDIMENTATION CONTROL MEASURES PRIOR TO, DURING, AND UPON COMPLETION OF CONSTRUCTION TO SATISFY BEST MANAGEMENT PRACTICES AS NECESSARY TO COMPLETE THE WORK.
2. CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROLS ON THE DOWN GRADIENT SLOPE OF ALL AREAS THAT MAY BE IMPACTED BY EROSION AND SEDIMENTATION PRIOR TO STARTING WORK. THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE DISTURBED AT ANY ONE TIME DURING CONSTRUCTION.
3. CONTRACTOR SHALL USE WILDLIFE-FRIENDLY EROSION AND SEDIMENTATION CONTROLS THAT ARE MADE WITH BIODEGRADABLE NATURAL FIBERS UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE.
4. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL AT ALL TIMES BE SATISFACTORY TO OWNER'S REPRESENTATIVE.
5. CONTRACTOR SHALL ADJUST, REPAIR, REPLACE, AND/OR ADD ADDITIONAL CONTROL MEASURES IF REQUESTED BY OWNER'S REPRESENTATIVE TO PREVENT EROSION AND MIGRATION OF SEDIMENT FROM THE WORK AREA, AT NO COST TO OWNER.
6. AT A MINIMUM, CONTRACTOR SHALL INSPECT ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AT THE BEGINNING AND END OF EACH DAY TO BE CERTAIN THAT ALL DEVICES ARE FUNCTIONING PROPERLY DURING CONSTRUCTION AND SHALL MAKE SUCH REPAIRS AS NECESSARY TO ENSURE PROPER CONTINUED OPERATIONS OF SAID CONTROLS.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL EROSION AND SEDIMENTATION CONTROLS, INCLUDING MANAGEMENT OF SOIL AND SEDIMENT ACCUMULATED IN AND AROUND EROSION AND SEDIMENTATION CONTROLS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR SURFACE RESTORATION AND, WHERE APPLICABLE, ESTABLISHMENT OF RESTORED SURFACES AFTER THE TEMPORARY EROSION AND SEDIMENTATION CONTROLS ARE REMOVED.

DUST CONTROL AND MONITORING

- 1. CONTRACTOR SHALL EXECUTE THE WORK BY METHODS THAT MINIMIZE THE GENERATION OF DUST AND EMPLOY DUST CONTROL MEASURES TO MINIMIZE CREATION OF AIRBORNE DUST. DUST CONTROL MEASURES SHALL BE SUCH THAT, AT MINIMUM, AIR QUALITY IS IN COMPLIANCE WITH APPLICABLE OSHA REGULATIONS.
2. CONTRACTOR SHALL MAINTAIN STOCKPILES, IN A MANNER THAT PREVENTS WIND-BLOWN DUST GENERATION.

SITE CLEARING

- 1. REMOVE EXISTING VEGETATION REQUIRED TO FACILITATE THE WORK. ALLOWABLE SITE CLEARING IS LIMITED TO THE WORKING AREA WITH CELL 1 AND STOCKPILE LOCATIONS. ALL OTHER AREAS REQUIRING CLEARING BY CONTRACTOR SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
2. MANAGE CLEARED VEGETATION AS DIRECTED BY THE OWNER'S REPRESENTATIVE. VEGETATION SHALL EITHER BE STOCKPILED AT THE CDF SITE OR TRANSPORTED AND DISPOSED AT THE CITY OF ALBERT LEA DEMOLITION LANDFILL AND TRANSFER STATION.

STOCKPILING

- 1. STOCKPILES AND RESPECTIVE SLOPES SHOWN ON THE DRAWINGS ARE CONCEPTUAL FOR ILLUSTRATIVE PURPOSES TO SHOW THE INTENT OF THE WORK.
2. STOCKPILE AREAS SHOWN ARE AVAILABLE FOR USE AT THE TIME OF DESIGN. ADDITIONAL STOCKPILE AREAS MAY BE AVAILABLE PRIOR TO THE START OF WORK.
3. STOCKPILE DIMENSIONS AND SLOPES SHALL BE DETERMINED BY THE CONTRACTOR BASED ON SOIL PROPERTIES ENCOUNTERED DURING EXCAVATION AND AVAILABLE STOCKPILE AREAS DURING CONSTRUCTION. CONTRACTOR SHALL ASSESS MATERIAL PROPERTIES UPON EXCAVATION AND PERFORM APPROPRIATE TESTING TO ENSURE A SAFE STOCKPILE IS CONSTRUCTED.
4. STOCKPILES SHALL NOT EXCEED THE FAA MAXIMUM ALLOWABLE ELEVATION OF 1270 FT (NAVD88).

RESTORATION

- 1. DISTURBED GROUND SHALL BE RESTORED TO PRECONSTRUCTION CONDITIONS UNLESS APPROVED OTHERWISE BY OWNER'S REPRESENTATIVE.
2. CONTRACTOR SHALL SUBMIT THE FOLLOWING TO OWNER'S REPRESENTATIVE FOR APPROVAL:
a. QUALIFICATION DATA: FOR LANDSCAPE INSTALLER
b. CERTIFICATION OF GRASS SEED: FROM SEED VENDOR FOR EACH GRASS-SEED MONOSTAND OR MIXTURE, STATING THE BOTANICAL AND COMMON NAME, PERCENTAGE BY WEIGHT OF EACH SPECIES AND VARIETY, AND PERCENTAGE OF PURITY, GERMINATION, AND WEED SEED. INCLUDE THE YEAR OF PRODUCTION AND DATE OF PACKAGING.
c. PRODUCT CERTIFICATES: FOR PRODUCTS TO BE USED ON SITE, FROM MANUFACTURER
3. MATERIALS SHALL BE CHECKED AND APPROVED, USING THE SUBMITTAL PROCESS, BY OWNER'S REPRESENTATIVE BEFORE DELIVERY, HAULING OF ON-SITE MATERIALS, AND/OR INSTALLATION. SUCH APPROVAL SHALL NOT RELIEVE CONTRACTOR OF THEIR OBLIGATIONS UNDER THIS CONTRACT.
4. DELIVER PACKAGED MATERIALS IN ORIGINAL, UNOPENED CONTAINERS SHOWING WEIGHT, CERTIFIED ANALYSIS, NAME AND ADDRESS OF MANUFACTURER, AND INDICATION OF COMPLIANCE WITH STATE AND FEDERAL LAWS, AS APPLICABLE.
5. PROCEED WITH SEEDING ONLY WHEN EXISTING AND FORECASTED WEATHER CONDITIONS PERMIT SEEDING TO BE PERFORMED WHEN BENEFICIAL AND OPTIMUM RESULTS MAY BE OBTAINED. APPLY PRODUCTS DURING FAVORABLE WEATHER CONDITIONS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. DO NOT PLACE SEED ON FROZEN SOIL.
6. GRASS SEED SHALL BE FRESH, CLEAN, DRY, NEW-CROP SEED COMPLYING WITH ASSOCIATION OF OFFICIAL SEED ANALYSTS' (AOSA) "RULES FOR TESTING SEEDS" FOR PURITY AND GERMINATION TOLERANCES:
a. SEED SPECIES: BWSR MIX 33-261, STORMWATER SOUTH & WEST.
b. SEEDING RATES:
i. GRASSES: 8.5 POUNDS PER ACRE
ii. SEDGES AND RUSHES: 0.5 POUNDS PER ACRE
iii. FORBS: 1.0 POUND PER ACRE
iv. COVER CROP: 25.0 POUNDS PER ACRE
v. TOTAL SEED MIXTURE SEEDING RATE: 35.0 POUNDS PER ACRE.
7. UPON COMPLETION OF SITE CONSTRUCTION, ALL STOCKPILES AND AREAS PREVIOUSLY COVERED WITH GRASS SHALL BE TREATED WITH SEED AND TOPSOIL AS APPLICABLE. THESE AREAS SHALL BE CLOSELY MONITORED AND WATERED AS APPLICABLE BY CONTRACTOR UNTIL SUCH TIME AS A SATISFACTORY GROWTH OF VEGETATION IS ESTABLISHED. SATISFACTORY GROWTH SHALL MEAN A MINIMUM OF 70% OF THE AREA IS VEGETATED WITH VIGOROUS GROWTH.
8. SEEDING SHALL BE COMPLETED BETWEEN THE DATES OF APRIL 1 AND OCTOBER 1. WATERING MAY BE REQUIRED DURING DRY PERIODS.
9. EROSION CONTROL BLANKET SHALL BE INSTALLED ON STEEP SLOPES (3:1 AND STEEPER) AND ON AREAS OF CONCENTRATED FLOWS.

CONSTRUCTION SEQUENCE

- 1. PERFORM PRE-CONSTRUCTION ASSESSMENT OF THE SITE.
2. MOBILIZE EQUIPMENT AND PERSONNEL AND ESTABLISH ACCESS ROUTES AND STAGING AREAS.
3. INSTALL EROSION CONTROL MEASURES PER THE PERMITS AND CONSTRUCTION DRAWINGS.
4. PLUG INTERCONNECTION PIPE BETWEEN CELLS 2 AND 3.
5. EXCAVATE AND STOCKPILE HEAVILY VEGETATED SOIL FROM THE SURFACE OF CELL 1 SEDIMENTS AT A LOCATION DESIGNATED BY THE OWNER'S REPRESENTATIVE.
6. DEWATER CELLS 1 AND 3 TO THE MAXIMUM EXTENT POSSIBLE. CONTRACTOR SHALL BE RESPONSIBLE FOR PUMPING WATERS FROM CELL 1 AND 3 INTO CELL 2.
7. EXCAVATE MATERIAL FROM CELL 1 'AREA D' AND PLACE WITHIN CELL 3 TO A MAXIMUM ELEVATION OF 1251 FEET.
8. EXCAVATE MATERIAL FROM CELL 1 'AREA B' AND PLACE WITHIN CELL 3 TO A MAXIMUM ELEVATION OF 1253 FEET. THIS MATERIAL SHALL BE PLACED AS A BRIDGE LIFT PRIOR TO PLACING REMAINING MATERIALS WITHIN CELL 3. MATERIAL SHALL BE PLACED IN ACCORDANCE WITH THE SPECIFICATIONS.
9. EXCAVATE MATERIALS FROM CELL 1 'AREA D AND E' AND PLACE WITHIN CELL 3 TO ELEVATION 1270 FT IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS.
10. EXCAVATE REMAINING MATERIALS FROM CELL 1 'AREA D AND E' AND PLACE IN STOCKPILE AREA - EAST. PLACE MATERIALS TO ELEVATION 1270 FT IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS.
11. EXCAVATE REMAINING MATERIALS FROM CELL 1 'AREA A AND B' AND PLACE IN STOCKPILE AREA - WEST. PLACE MATERIALS TO ELEVATION 1270 FT IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS.
12. PROVIDE RESTORATION AS IDENTIFIED IN THESE DRAWINGS AND SPECIFICATIONS.
13. DEMOBILIZE EQUIPMENT AND PERSONNEL.

LEGEND

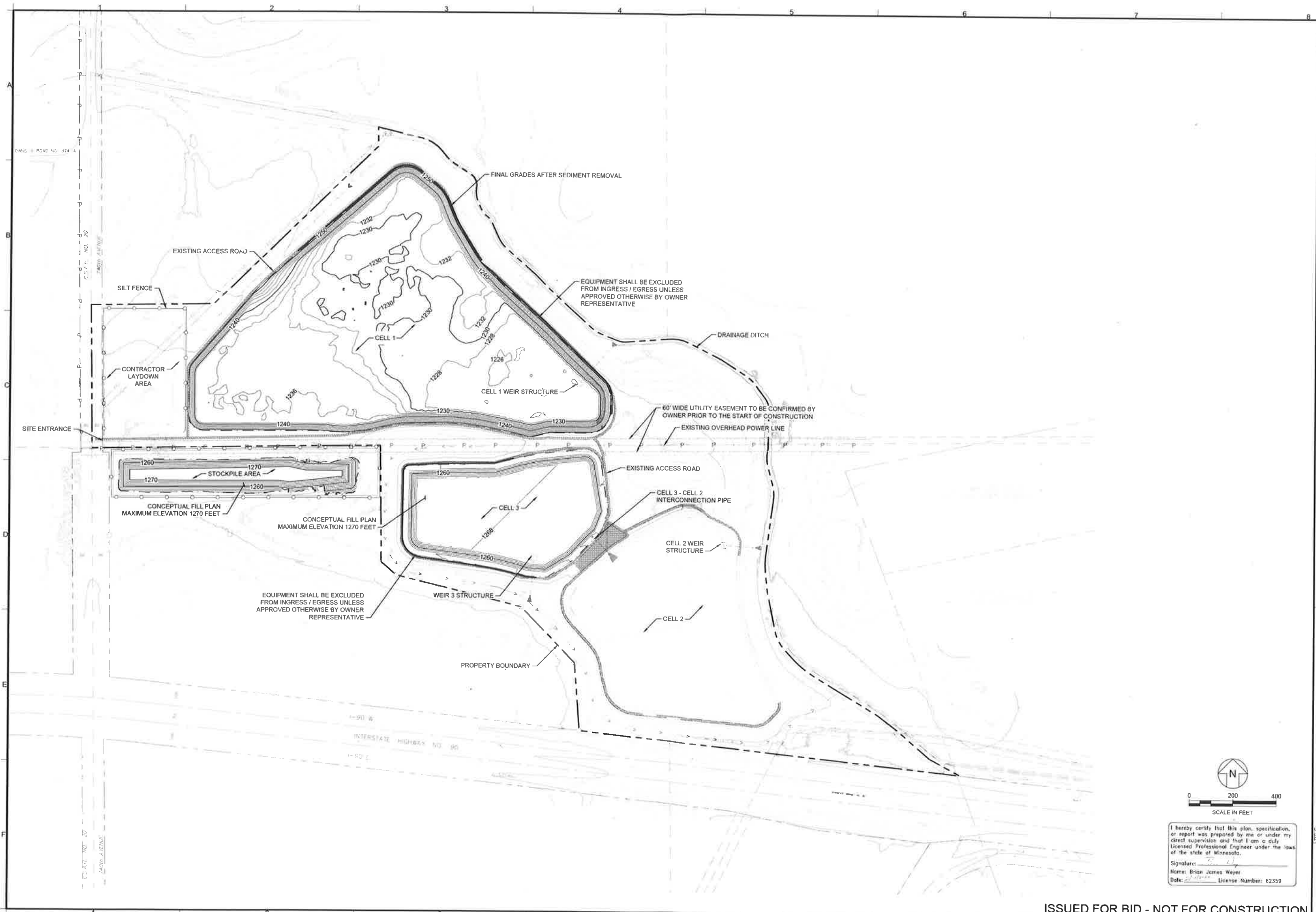
- EXISTING GROUND MAJOR CONTOUR (5')
EXISTING GROUND MINOR CONTOUR (1')
PROPERTY BOUNDARY
EXISTING PROPERTY BOUNDARY MONUMENT
PROPERTY EASEMENT
PROPERTY ROW
PROPERTY SECTION
PROPERTY SECTION 1/16
PROPERTY SECTION MONUMENT
EXISTING ACCESS ROAD
EXISTING DITCH
EXISTING DITCH LIMITS
EXISTING RIPRAP
EXISTING UTILITY FIBER OPTIC
EXISTING UTILITY FIBER OPTIC MARKER
EXISTING UTILITY GAS
EXISTING UTILITY GAS MARKER
EXISTING UTILITY GAS VALVE
EXISTING UTILITY POWER (OVERHEAD)
EXISTING UTILITY POWER POLE
EXISTING UTILITY STORM CULVERT
EXISTING UTILITY STORM PIPE
EXISTING UTILITY WIER
EXISTING STREAM / RIVER
PROPOSED GRADING MAJOR CONTOURS (5')
PROPOSED GRADING MINOR CONTOURS (1')
PROPOSED GRADING LIMIT
PROPOSED SILT FENCE

Table with columns: DESIGN BY, DRAWN BY, CHECKED BY, REVIEWED BY, APPROVED BY, and rows for UR, BR, JR, CP, BW.

Geosyntec consultants logo and address: GEOSYNTEC CONSULTANTS, INC. 260 S. MARQUETTE AVENUE, SUITE 900 MINNEAPOLIS, MINNESOTA 55401

NOTES AND LEGEND, PROJECT: CDF DEWATERED SEDIMENT EXCAVATION AND STOCKPILING, SITE: SHELL ROCK RIVER WATERSHED DISTRICT ALBERT LEA, MINNESOTA, DATE: 02/13/2024, DRAWING NO: 02 OF 12

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.
Signature: Brian James Weyer
Date: 2/13/24 License Number: 62359



REV	DATE	ISSUED FOR BID	DESCRIPTION
0	02/13/2024		

DESIGN BY:	JR
DRAWN BY:	BR
CHECKED BY:	JR
REVIEWED BY:	CP
APPROVED BY:	BW

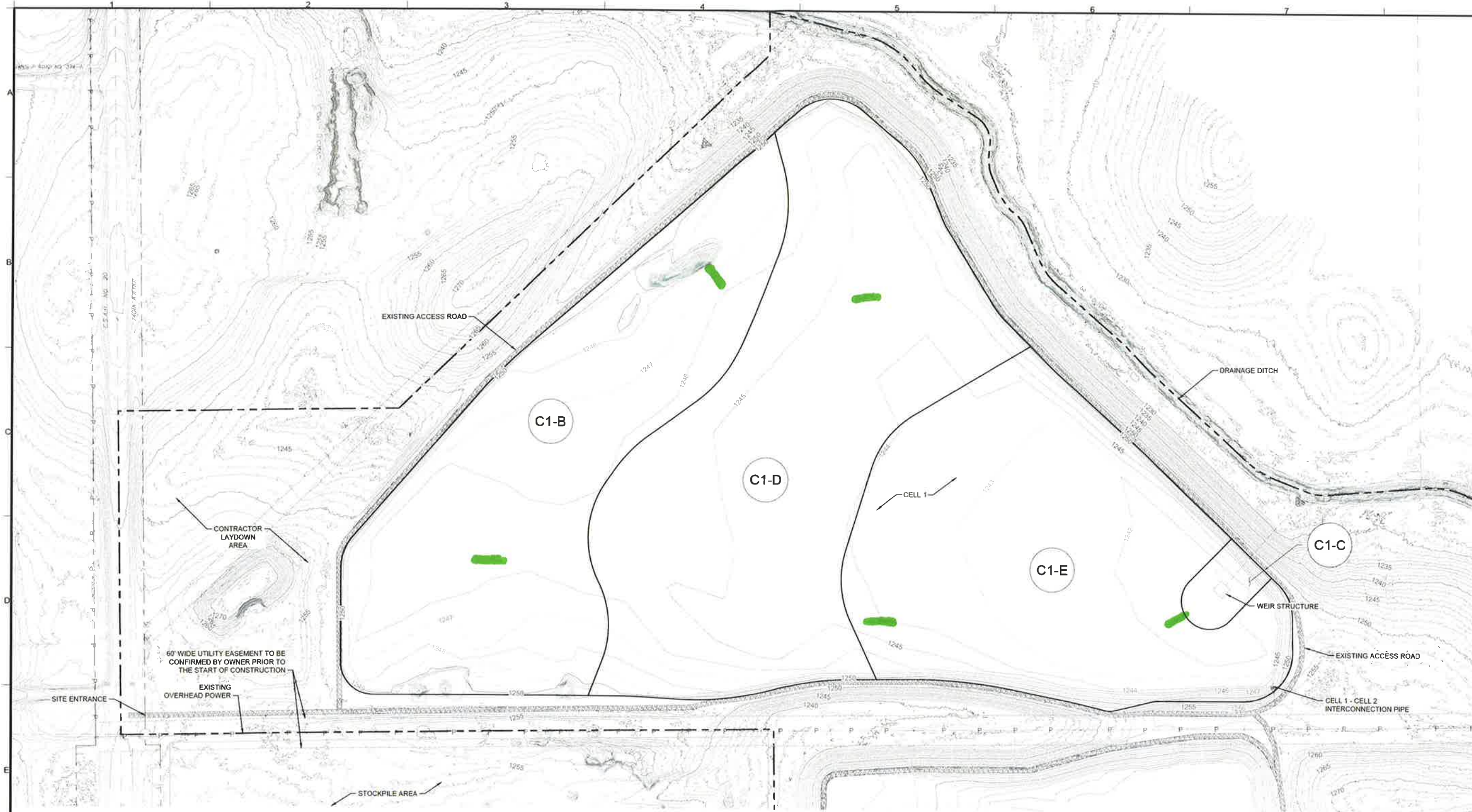
**Geosyntec**  
 consultants  
 GEOSYNTEC CONSULTANTS, INC.  
 250 S. MARQUETTE AVENUE, SUITE 600  
 MINNEAPOLIS, MINNESOTA 55401

**SITE PLAN**  
 CDF DEWATERED SEDIMENT  
 EXCAVATION AND STOCKPILING  
 SHELL ROCK RIVER WATERSHED DISTRICT  
 ALBERT LEA, MINNESOTA

DATE: 02/13/2024  
 PROJECT NO: JR03952013-02  
 FILE: JR03952013-02-03 SITE PLAN  
 DRAWING NO: 03 OF 12

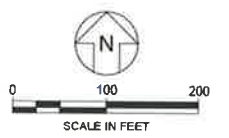
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.  
 Signature: *Brian James Weyer*  
 Name: Brian James Weyer  
 Date: 02/13/2024 License Number: 62359

ISSUED FOR BID - NOT FOR CONSTRUCTION



**CELL 1 SUB-AREA VOLUME SUMMARY**

	2D AREA (SQ. FT.)	NET VOLUME (CU. YD.)
SUB-AREA C1-B	444,480.3	183,387.1
SUB-AREA C1-C	19,145.5	8,092.2
SUB-AREA C1-D	537,394.1	242,843.3
SUB-AREA C1-E	433,499.8	207,704.7
<b>TOTAL</b>	<b>1,434,519.8</b>	<b>642,027.3</b>



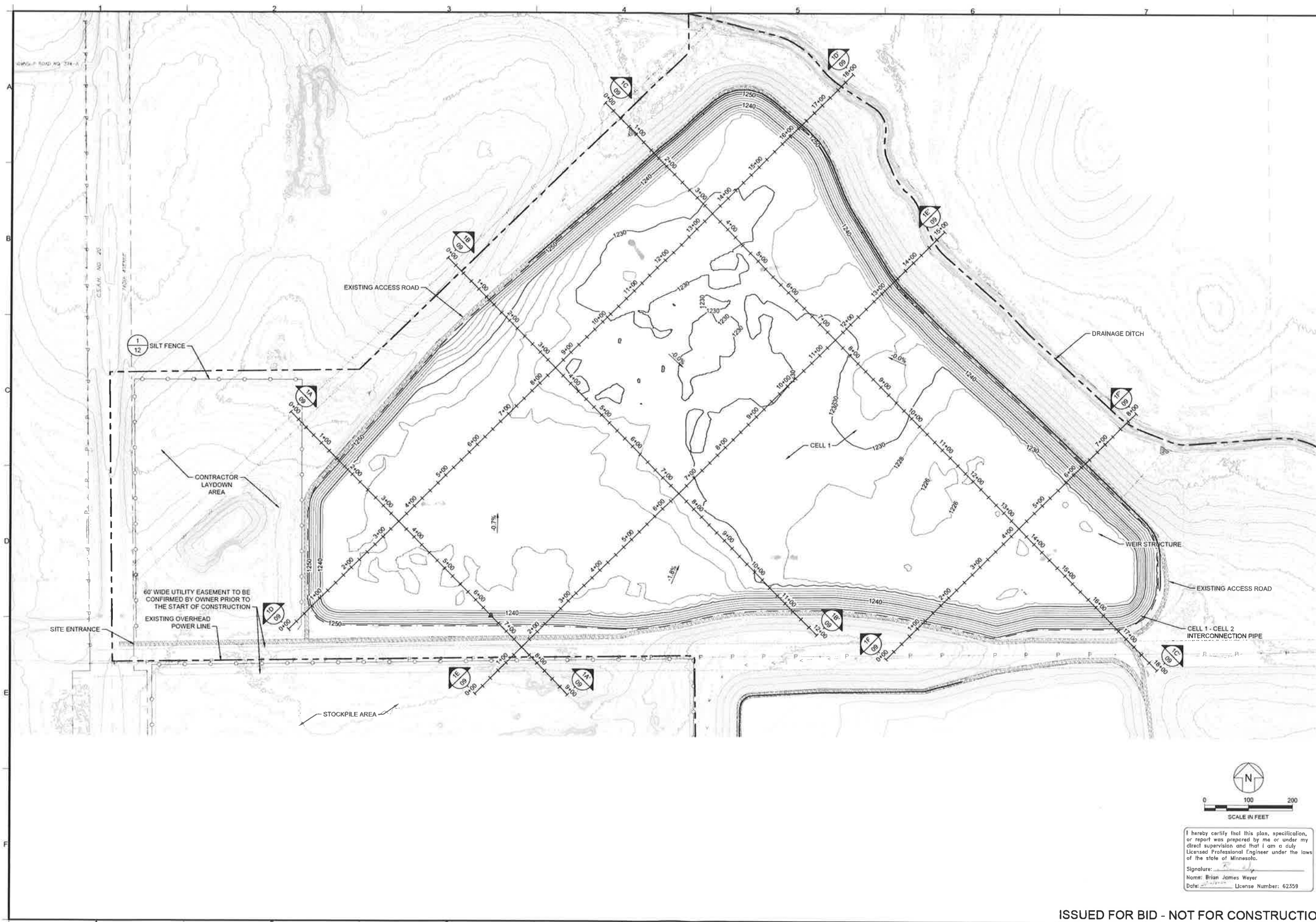
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.

Signature: \_\_\_\_\_  
 Name: Brian James Weyer  
 Date: 02/13/2024 License Number: 62359

		DESIGN BY: JR DRAWN BY: BR CHECKED BY: JR REVIEWED BY: CP APPROVED BY: BW
<b>CELL 1 EXISTING CONDITIONS</b> CDF DEWATERED SEDIMENT EXCAVATION AND STOCKPILING SHELL ROCK RIVER WATERSHED DISTRICT ALBERT LEA, MINNESOTA		PROJECT: JRO392013-02-FILE04 CELL 1 EXISTING CONDITIONS DATE: 02/13/2024 DRAWING NO: 04 OF 12
GEOSYNTEC CONSULTANTS INC. 250 W. WASHINGTON ST. SUITE 500 MINNEAPOLIS, MINNESOTA 55401		REV. DATE: 02/13/2024 ISSUED FOR BID BR BW JRN APP

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C:\Users\jwheeler\Documents\13-02-04 CELL 1 EXISTING CONDITIONS.dwg



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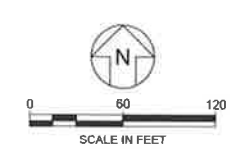
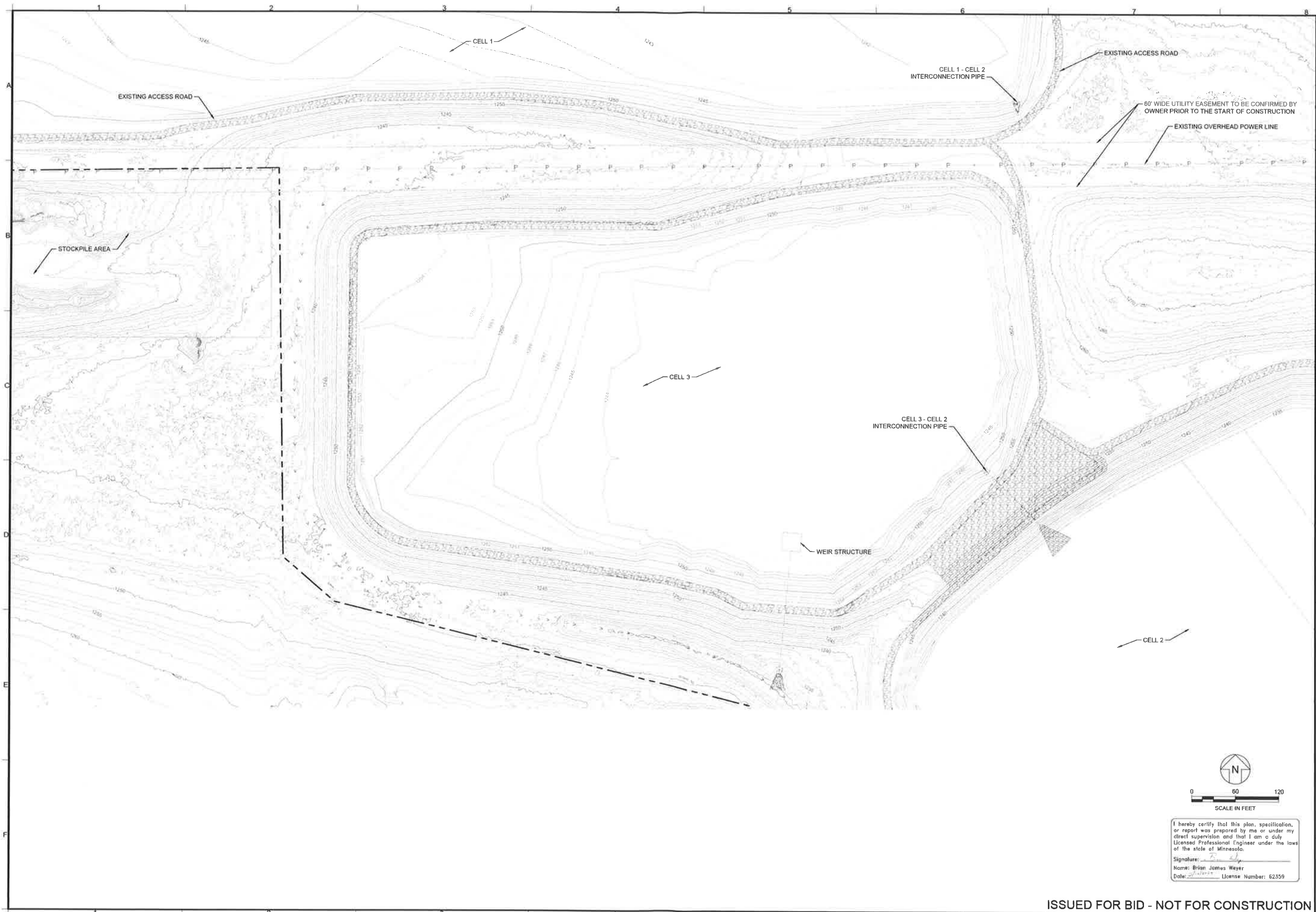
Signature: *[Signature]*  
 Name: Brian James Weyer  
 Date: 02/13/2024 License Number: 62359



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<b>Geosyntec</b> consultants <small>GEOSYNTEC CONSULTANTS, INC.          250 S. MARQUETTE AVENUE, SUITE 500          MINNEAPOLIS, MINNESOTA 55407</small>	
DESIGN BY: JR DRAWN BY: BR CHECKED BY: JR REVIEWED BY: CP APPROVED BY: BW	TITLE: CELL 1 EXCAVATION PLAN PROJECT: CDF DEWATERED SEDIMENT EXCAVATION AND STOCKPILING SITE: SHELL ROCK RIVER WATERSHED DISTRICT ALBERT LEA, MINNESOTA
DATE: 02/13/2024 PROJECT NO.: JRS056015-02 FILE: 05 CELL 1 EXCAVATION PLAN DRAWING NO.: 05 of 12	REV. DATE DESCRIPTION 0 02/13/2024 ISSUED FOR BID BR BW DRN APP

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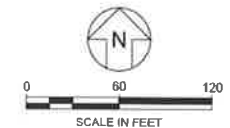
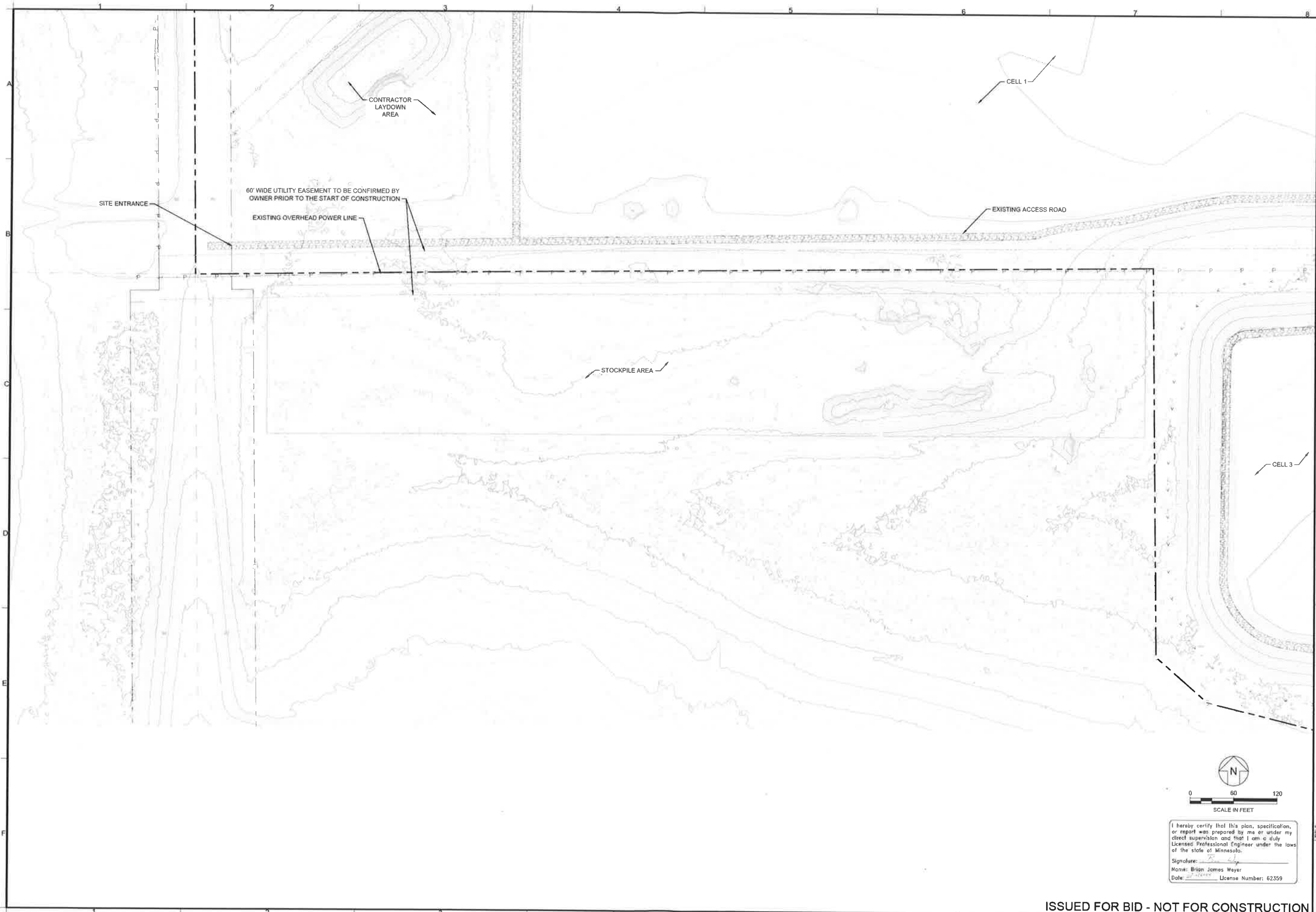


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 Signature: *[Signature]*  
 Name: Brian James Weyer  
 Date: 02/13/2024 License Number: 62359

<b>Geosyntec</b> consultants <small>GEOSYNTEC CONSULTANTS, INC.          240 MINNEAPOLIS, MINNESOTA 55407</small>	
TITLE: <b>CELL 3 EXISTING CONDITIONS</b> PROJECT: <b>CDF DEWATERED SEDIMENT EXCAVATION AND STOCKPILING</b> SITE: <b>SHELL ROCK RIVER WATERSHED DISTRICT ALBERT LEA, MINNESOTA</b>	DESIGN BY: JR DRAWN BY: BR CHECKED BY: JR REVIEWED BY: CP APPROVED BY: BW
DATE: 02/13/2024 PROJECT NO.: JRS052013-02 FILE: 06 CELL 3 EXISTING CONDITIONS DRAWING NO.: 06 OF 12	REV. DATE DESCRIPTION 0 02/13/2024 ISSUED FOR BID BR BW DRN APP

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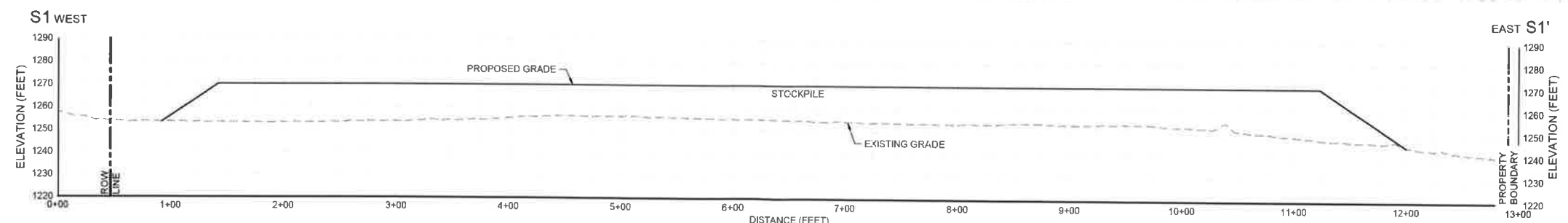
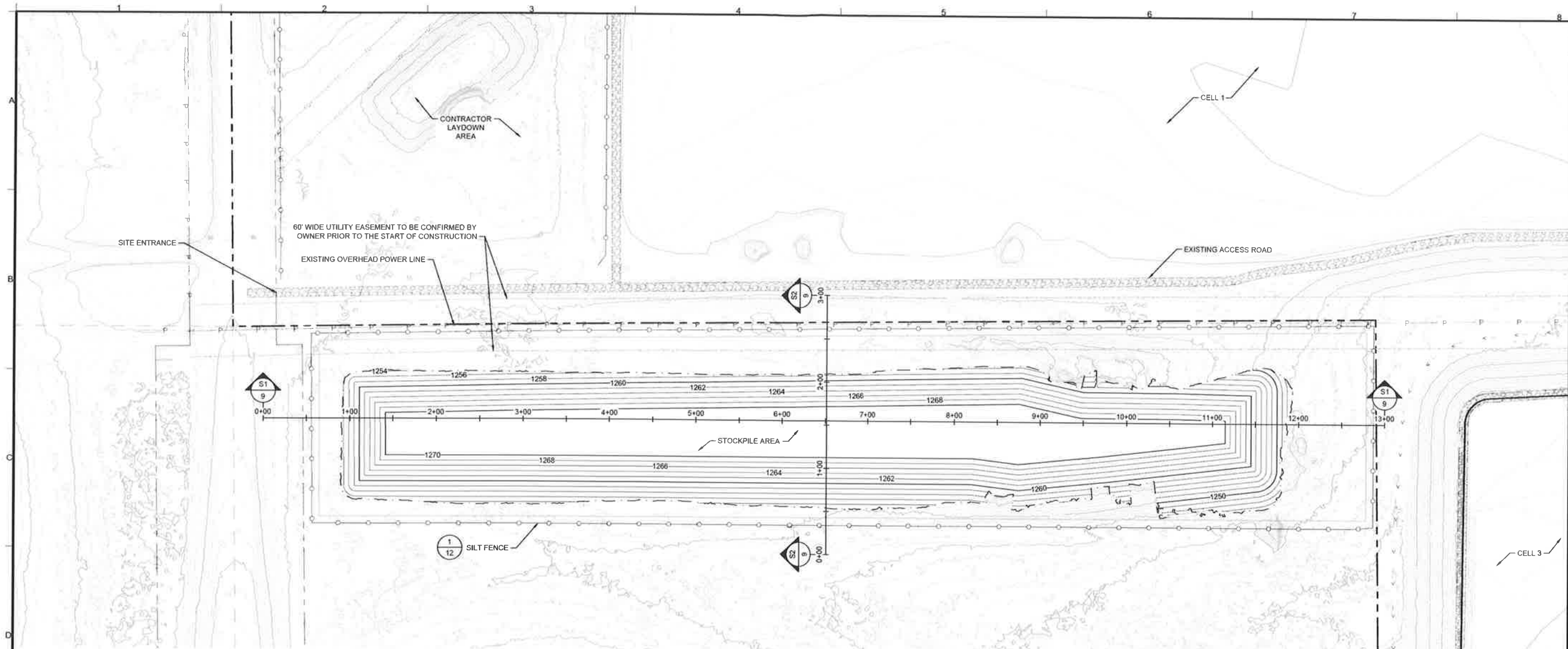


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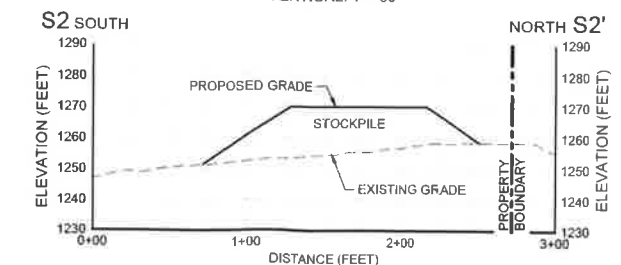
Signature: *[Signature]*  
 Name: Brian James Weyer  
 Date: 02/13/2024 License Number: 62359

<b>Geosyntec</b> consultants <small>GEOSYNTEC CONSULTANTS, INC.          240 S. MARQUETTE AVENUE, SUITE 400          MINNEAPOLIS, MINNESOTA 55401</small>		DESIGN BY: JR DRAWN BY: BR CHECKED BY: JR REVIEWED BY: CP APPROVED BY: BW
DATE: 02/13/2024 PROJECT NO: JRS062013-02 FILE: 08 STOCKPILE AREA EXISTING CONDITIONS DRAWING NO: 08 OF 12	TITLE: STOCKPILE AREA EXISTING CONDITIONS PROJECT: CDF DEWATERED SEDIMENT EXCAVATION AND STOCKPILING SITE: SHELL ROCK RIVER WATERSHED DISTRICT ALBERT LEA, MINNESOTA	REV: 0 DATE: 02/13/2024 ISSUED FOR BID DESCRIPTION: DRN APP

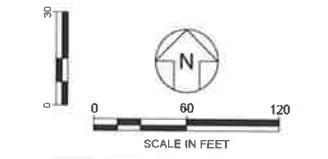
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SECTION S1 - S1'  
 HORIZONTAL: 1" = 60'  
 VERTICAL: 1" = 30'



SECTION S2 - S2'  
 HORIZONTAL: 1" = 60'  
 VERTICAL: 1" = 30'



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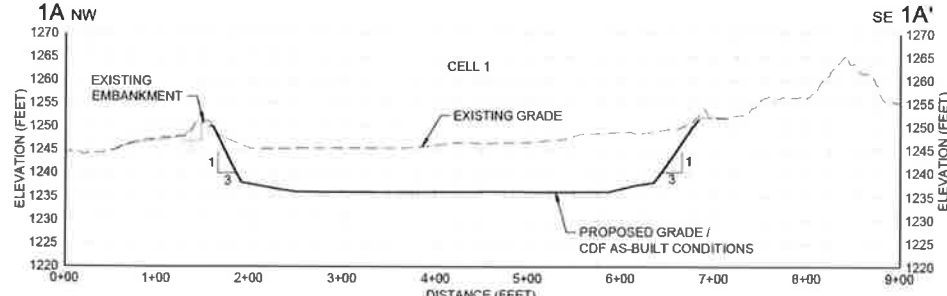
Signature: *[Signature]*

Name: Brian James Weyer

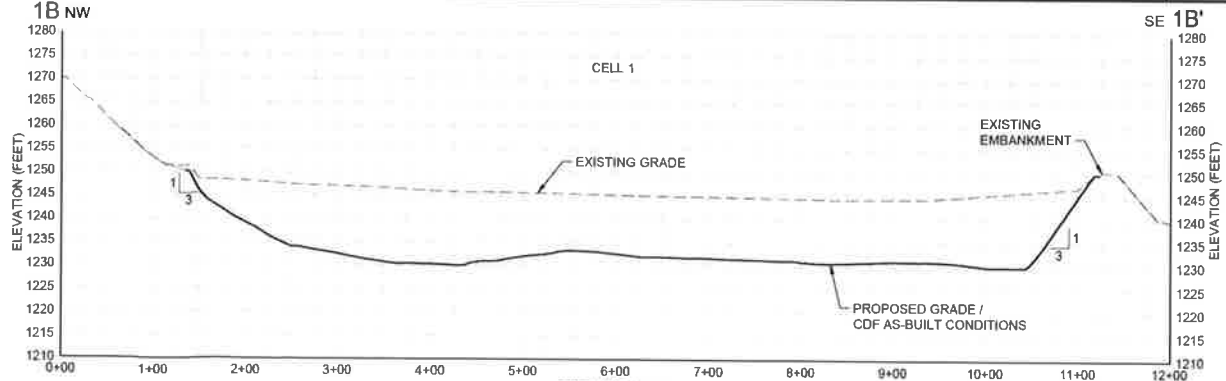
Date: 02/13/2024 License Number: 62359

DATE:	02/13/2024
PROJECT NO.:	JR0826013-02
FILE:	08 STOCKPILE AREA CONCEPTUAL FILL PLAN
DRAWING NO.:	09 OF 12
TITLE:	STOCKPILE AREA CONCEPTUAL FILL PLAN
PROJECT:	CDF DEWATERED SEDIMENT EXCAVATION AND STOCKPILING
SITE:	SHELL ROCK RIVER WATERSHED DISTRICT ALBERT LEA, MINNESOTA
DESIGN BY:	JR
DRAWN BY:	BR
CHECKED BY:	JR
REVIEWED BY:	CP
APPROVED BY:	BW
REV.:	0
DATE:	02/13/2024
ISSUED FOR BID:	BR
DESCRIPTION:	CONCEPTUAL FILL PLAN

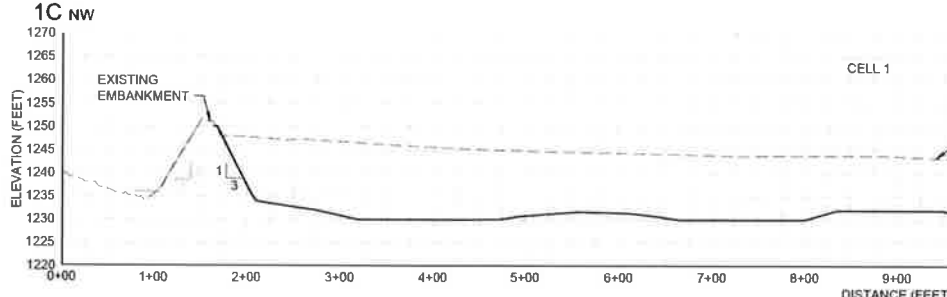
ISSUED FOR BID - NOT FOR CONSTRUCTION



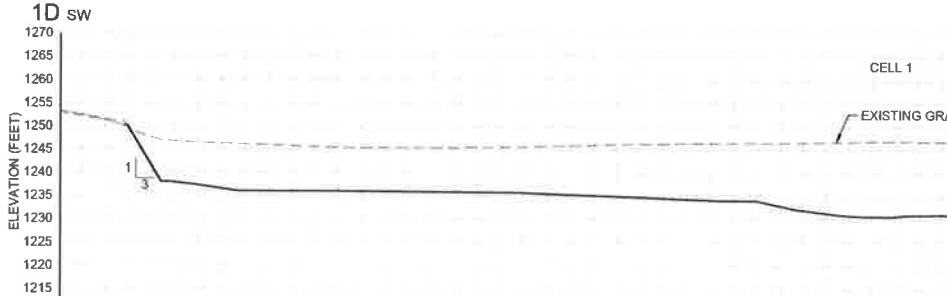
SECTION 1A - 1A'  
HORIZONTAL: 1" = 100'  
VERTICAL: 1" = 20'



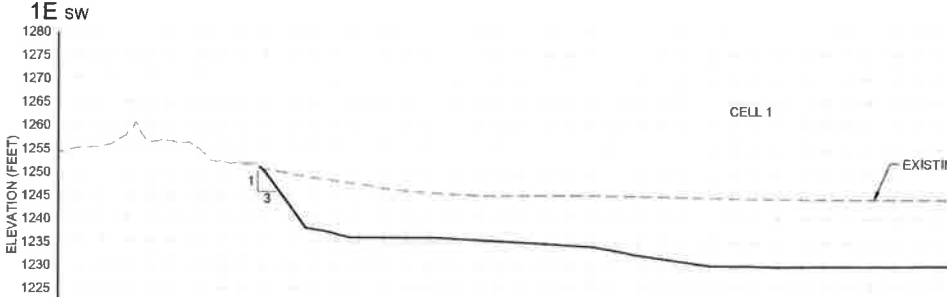
SECTION 1B - 1B'  
HORIZONTAL: 1" = 100'  
VERTICAL: 1" = 20'



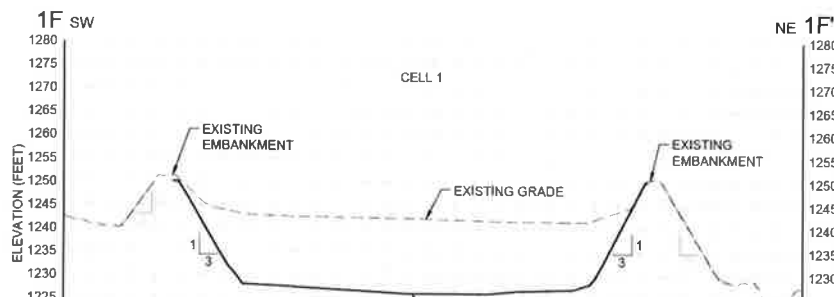
SECTION 1C - 1C'  
HORIZONTAL: 1" = 100'  
VERTICAL: 1" = 20'



SECTION 1D - 1D'  
HORIZONTAL: 1" = 100'  
VERTICAL: 1" = 20'

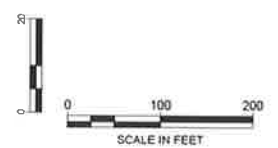


SECTION 1E - 1E'  
HORIZONTAL: 1" = 100'  
VERTICAL: 1" = 20'



SECTION 1F - 1F'  
HORIZONTAL: 1" = 100'  
VERTICAL: 1" = 20'

- LEGEND**
- EXISTING GRADE
  - PROPOSED GRADE / CDF AS-BUILT CONDITIONS
- NOTES**
- ALL STOCKPILE SLOPES SHALL BE 3H:1V OR AS DETERMINED TO BE STABLE BY CONTRACTOR



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Signature: *[Signature]*  
Name: Brian James Weyer  
Date: 02/13/2024 License Number: 62359

REV	DATE	ISSUED FOR	BY	APP
0	02/13/2024	ISSUED FOR BID	BR	BW

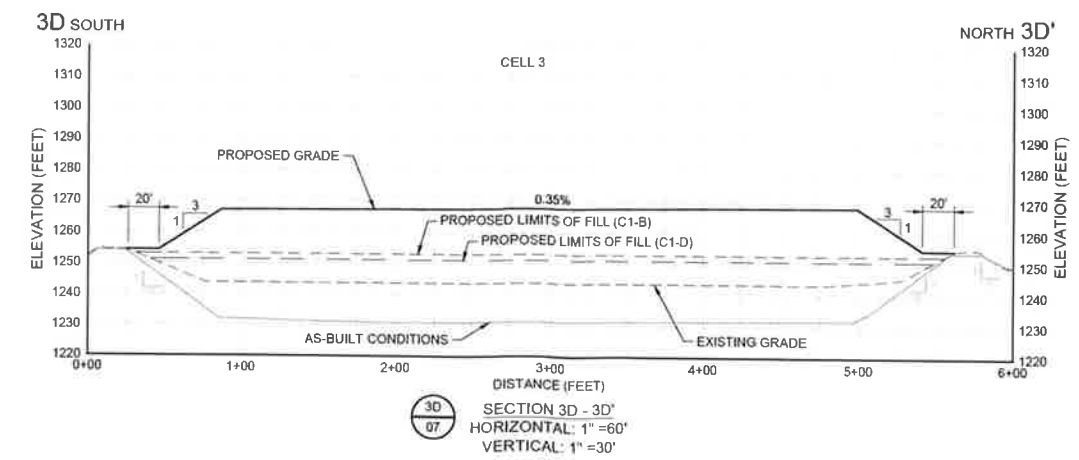
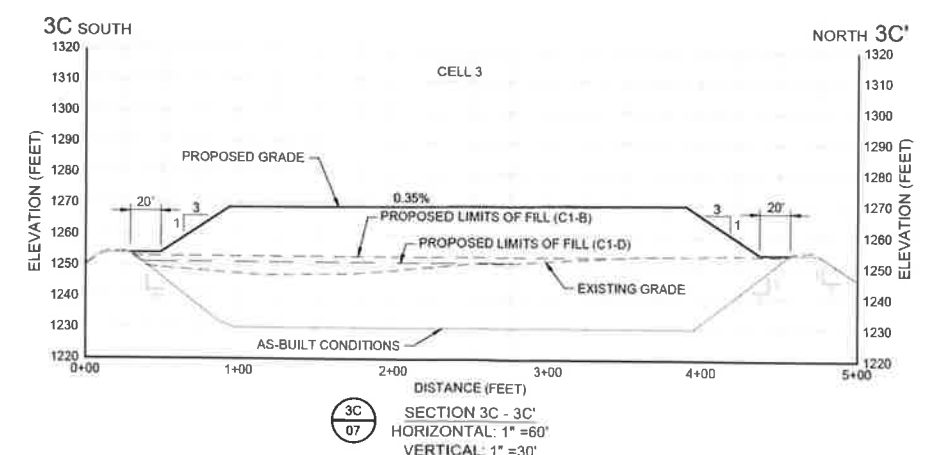
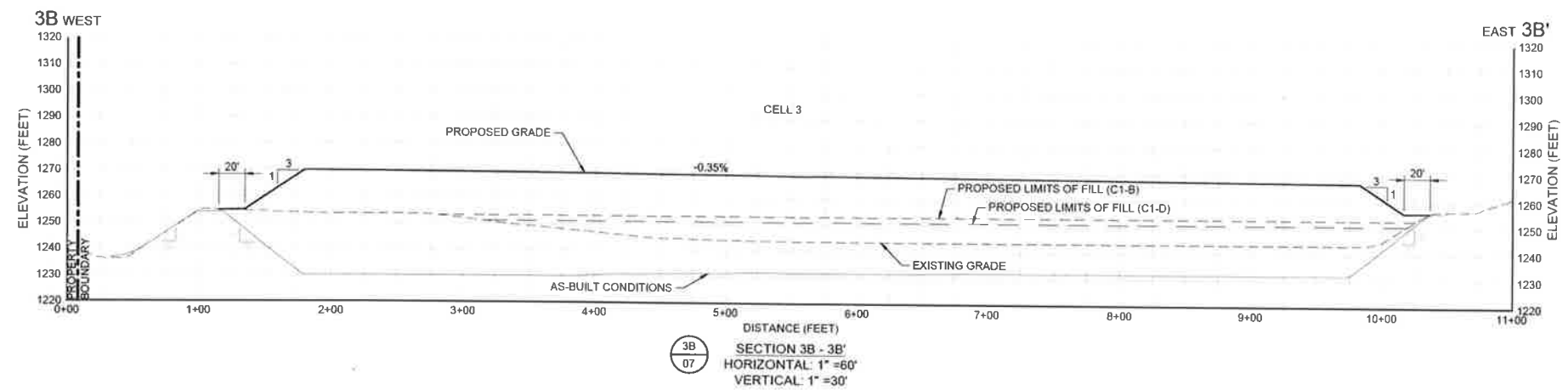
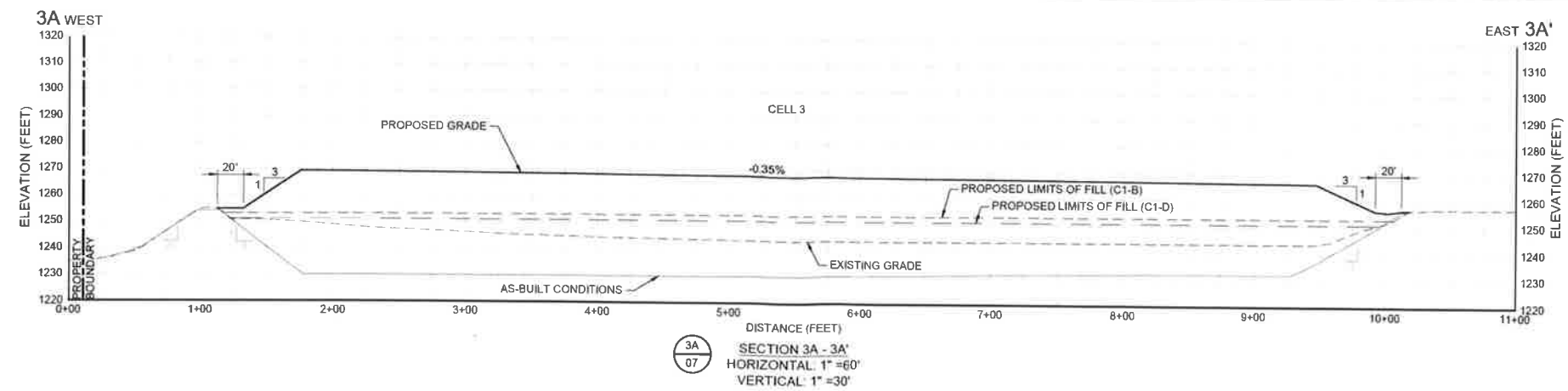
DESIGN BY:	JR
DRAWN BY:	BR
CHECKED BY:	JR
REVIEWED BY:	CP
APPROVED BY:	BW

**Geosyntec**  
consultants  
GEOSYNTEC CONSULTANTS, INC.  
2600 UNIVERSITY AVENUE, SUITE 800  
MINNEAPOLIS, MINNESOTA 55401

SECTIONS CELL 1  
CDF DEWATERED SEDIMENT  
EXCAVATION AND STOCKPILING  
SITE SHELL ROCK RIVER WATERSHED DISTRICT  
ALBERT LEA, MINNESOTA

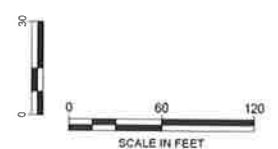
DATE: 02/13/2024  
PROJECT NO.: JRO395/2013-02  
FILE: 10 SECTIONS CELL 1  
DRAWING NO.: 10 OF 12

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- LEGEND**
- EXISTING GRADE
  - AS-BUILT CONDITIONS
  - PROPOSED GRADE
  - PROPOSED LIMITS OF FILL (C1-B)
  - PROPOSED LIMITS OF FILL (C1-D)

- NOTES**
1. ALL STOCKPILE SLOPES SHALL BE 3H:1V OR AS DETERMINED TO BE STABLE BY CONTRACTOR



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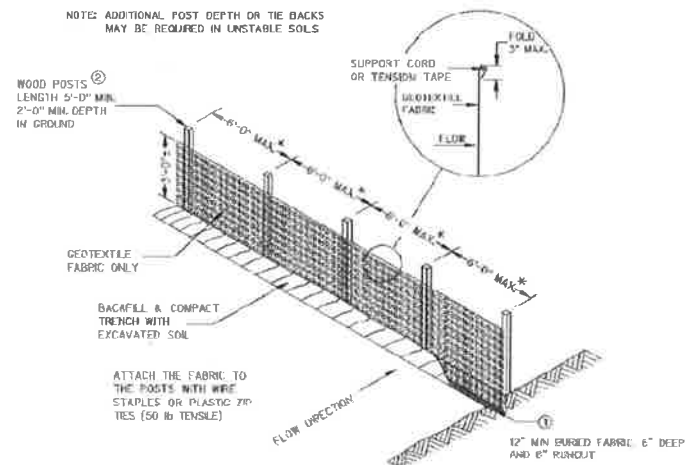
Signature:

Name: Brian James Weyer  
Date: 02/13/2024 License Number: 62359

DATE:	02/13/2024
PROJECT NO.:	JR0362/013-02
FILE:	SECTION 3 CELL 3
DRAWING NO.:	11
OF:	12
TITLE:	SECTIONS CELL 3
PROJECT:	CDF DEWATERED SEDIMENT EXCAVATION AND STOCKPILING
SITE:	SHELL ROCK RIVER WATERSHED DISTRICT ALBERT LEA, MINNESOTA
DESIGN BY:	JR
DRAWN BY:	BR
CHECKED BY:	JR
REVIEWED BY:	CP
APPROVED BY:	BW
ISSUED FOR BID:	02/13/2024
REV:	0
DATE:	
DESCRIPTION:	
BR:	
BY:	
APP:	

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GEOSYNTEC CONSULTANTS INC.  
250 S. MARQUETTE AVENUE, SUITE 500  
MINNEAPOLIS, MINNESOTA 55401

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1  
12  
DETAIL  
SILT FENCE  
SCALE: N.T.S.

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 Signature: *[Signature]*  
 Name: Brian James Weyer  
 Date: 02/13/2024 License Number: 62359

DATE:	02/13/2024	TITLE:	DETAILS
PROJECT NO.:	JR03952013-02	PROJECT:	CDF DEWATERED SEDIMENT EXCAVATION AND STOCKPILING
FILE:	JR03952013-02-12 DETAILS	SITE:	SHELL ROCK RIVER WATERSHED DISTRICT ALBERT LEA, MINNESOTA
DRAWING NO.:	12	OF:	12
ISSUED FOR BID	ISSUED FOR BID	DESCRIPTION	
REV. DATE		DESIGN BY:	JR
		DRAWN BY:	BR
		CHECKED BY:	JR
		REVIEWED BY:	CP
		APPROVED BY:	BW
		BR	BW
		DRN	MPF

**Geosyntec**  
 consultants  
 GEOSYNTEC CONSULTANTS INC.  
 250 S. MARQUETTE AVENUE, SUITE 500  
 MINNEAPOLIS, MINNESOTA 55401

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