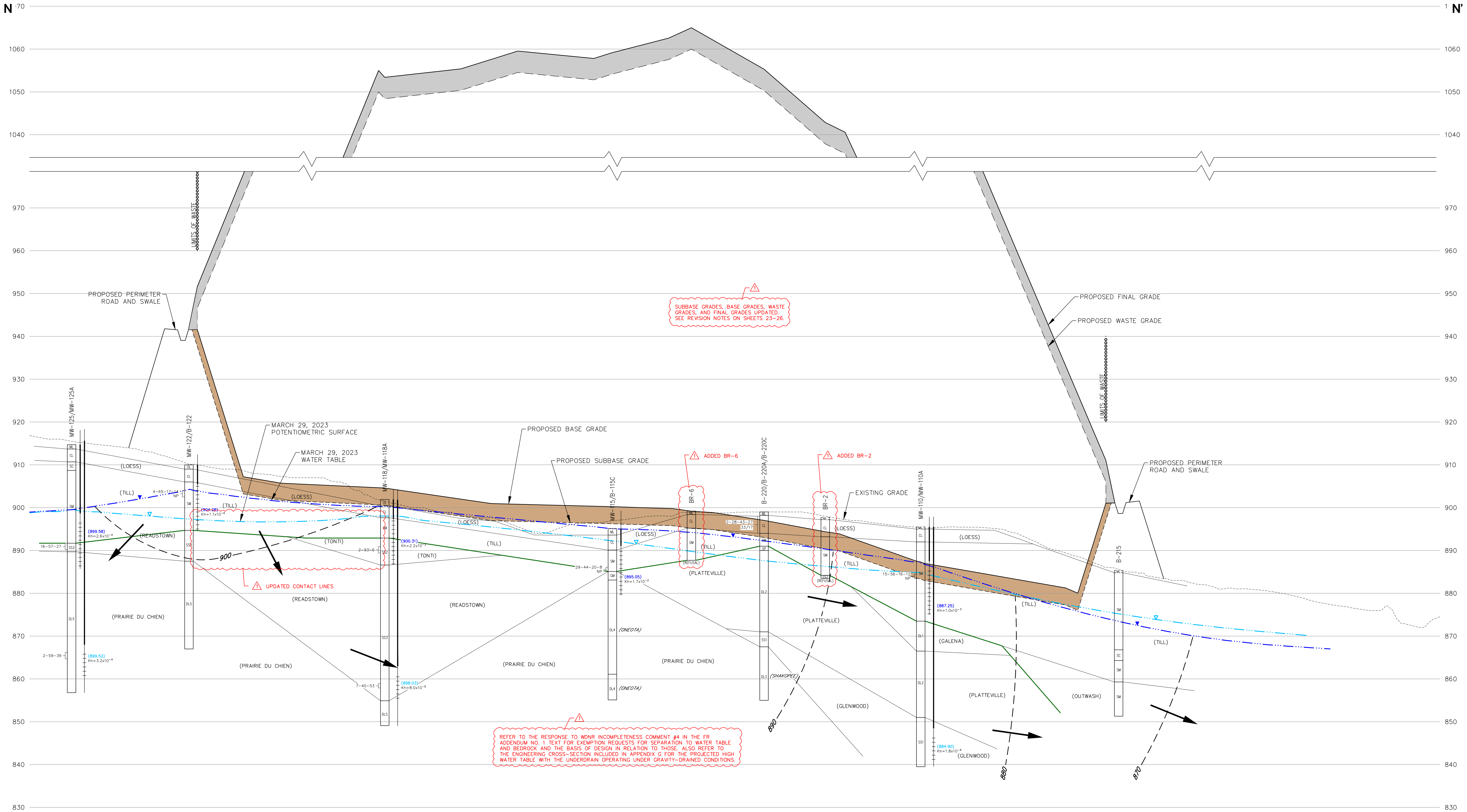




SYMBOLS AND TEST RESULTS	
40.7/22.6	LIQUID LIMIT/PLASTICITY INDEX
NP	NON-PLASTIC
K _v	LABORATORY VERTICAL HYDRAULIC CONDUCTIVITY (cm/sec)
K _h	FIELD HORIZONTAL HYDRAULIC CONDUCTIVITY (cm/sec)
0-50-42-28	PERCENT GRAVEL, SAND, SILT, AND CLAY
0-87-13	PERCENT GRAVEL, SAND, AND SILT PLUS CLAY
72-5	PERCENT GRAVEL AND SAND
NS	NOT SAMPLED
(1,036.47)	GROUNDWATER ELEVATION ON 03/29/2024 (FEET ABOVE MEAN SEA LEVEL)
(NW)	NOT MEASURED
—	WATER TABLE (SEE NOTE 8)
—	POTENTIOMETRIC SURFACE (SEE NOTE 9)
—	EXISTING GROUND (SPRING 2017)
---	GEOLOGIC CONTACT
---	UNCERTAIN GEOLOGIC CONTACT
---	INFERRED GRADATIONAL GEOLOGIC CONTACT
---	TOP OF BEDROCK (SEE NOTE 10)
---	PROPOSED FINAL COVER SYSTEM
---	PROPOSED COMPOSITE LINER SYSTEM

USCS CLASSES	
CL	LEAN CLAY
CL-ML	SILTY CLAY
CH	FAT CLAY
GP	POORLY-GRADED GRAVEL
GP-GM	POORLY-GRADED GRAVEL WITH SILT
GM	SILTY GRAVEL
GW	WELL-GRADED GRAVEL
GW-GM	WELL-GRADED GRAVEL WITH SILT
ML	SILT
SC	CLAYEY SAND
SM	SILTY SAND
SP	POORLY-GRADED SAND
SP-SM	POORLY-GRADED SAND WITH SILT

BEDROCK STRATIGRAPHIC UNITS	
SINNIPEE GROUP	
DL1	GALENA FORMATION
SH	DECORAH FORMATION
DL2	PLATTEVILLE FORMATION
DL6	SINNIPEE GROUP, UNDIFFERENTIATED
ANCELL GROUP	
SS1	GLENWOOD FORMATION
SS2	ST. PETER FORMATION, TONTI MEMBER
SS3	ST. PETER FORMATION, READSTOWN MEMBER
SS4	ANCELL GROUP, UNDIFFERENTIATED
PRAIRIE DU CHIEN GROUP	
DL3	SHAKOPEE FORMATION
DL4	ONEOTA FORMATION
DL5	PRAIRIE DU CHIEN GROUP UNDIFFERENTIATED
UNDIFFERENTIATED	
DL	DOLOMITE
SS	SANDSTONE

GENERAL DESCRIPTION OF MAJOR GEOLOGIC UNITS

PLASTICINE BEDROCKS

LOESS - GRAYISH BROWN, OR YELLOWISH BROWN, MOSTLY SILT WITH SOME CLAY AND FINE SAND. LEAN CLAY (CL). UNIFORM, MASSIVE, DEPOSITED PRIMARILY BY WIND DURING DEGLACIATION. CONTAINS THE MODERN SOIL PROFILE.

TILL - HORISON MEMBER OF THE HOLY HILL FORMATION - BROWN, OR YELLOWISH RED, MOSTLY FINE SAND WITH MEDIUM AND COARSE SAND, AND GRAVEL. SILTY SAND (SM) MATRIX, UNIFORM, WITH SOME COBBLES AND BOULDERS, DEPOSITED BY OR FROM GLACIAL ICE.

OUTWASH - HORISON MEMBER OF THE HOLY HILL FORMATION - BROWN OR YELLOWISH BROWN, FINE TO COARSE SAND AND SOME GRAVEL. GENERALLY POORLY-GRADED SAND WITH SILT (SP-SM), OR SILTY SAND (SM), MASSIVE TO STRATIFIED, DEPOSITED BY FLUVIAL PROCESSES NEAR GLACIAL ICE.

DRIFT (NOT A MAJOR GEOLOGIC UNIT) - UNDIFFERENTIATED PLEISTOCENE SEDIMENTS, LOESS, TILL, AND/OR OUTWASH.

ORIOGONIAN BEDROCK UNITS

SINNIPEE GROUP - DOLOMITE AND SHALY DOLOMITE, YELLOW, LIGHT BROWN, AND GRAY, MASSIVE OR MEDIUM TO THICK BEDED, BEDDING IS WAVE OR MOTTLED WITH SHALY LAYERS, MINOR WHITE, CHERT, FOSSILIFEROUS.

GALENA FORMATION - DOLOMITE TO CHERTY DOLOMITE, GRAY TO BEIGE, AND YELLOW BROWN TO LIGHT BROWNISH YELLOW, MASSIVE TO MEDIUM-BEDED WITH DISTINCTIVE MOTTLED WEATHERING PATTERN, BASE IS LIGHT GRAY AND SHALY, FOSSILIFEROUS, BIOGENIC CARBONATES.

DECORAH FORMATION - SHALY AND SILTY DOLOMITE, DARK, GRAY, THIN BEDED, MINOR CHERT AND PYRITE, REWORKED SHALLOW WATER OR LAGOONAL DEPOSITS.

PLATTEVILLE FORMATION - DOLOMITE TO SHALY DOLOMITE, YELLOW, BEIGE, AND GRAY TO LIGHT BROWNISH YELLOW, GRAY WEATHERING IS TYPICAL OF SHALY INTERVALS, MASSIVE, PLANAR-LAMINATED, OR MEDIUM TO THICK BEDED, INTERBEDDED WITH THIN, WAVY BEDED SHALY/SILT LAMINATIONS, MINOR CHERT, FOSSILIFEROUS, BIOGENIC CARBONATES.

ANCELL GROUP - MARINE AND AEGEAN SANDSTONES, SHALES, RESIDUUM, HIGH-RELIEF UNCONFORMABLE CONTACT WITH THE UNDERLYING PRAIRIE DU CHIEN GROUP.

GLENWOOD FORMATION - SANDSTONE, DOLOMITIC (CARBONATE-CEMENTED), SILTY, AND/OR SHALY, POORLY SORTED, YELLOW-BROWN TO GREEN, WITH BLUE-GREEN SHALE OR SANDY DOLOMITE, REWORKED SHALLOW WATER OR LAGOONAL DEPOSITS.

ST. PETER FORMATION, TONTI MEMBER - SANDSTONE, LIGHT BROWNISH YELLOW, WHITE, RED, GRAY, ORANGE, OR BROWN (IF CEMENTED BY IRON OXIDES), MEDIUM TO COARSE GRAINED, WELL ROUNDED AND WELL SORTED, POORLY CEMENTED, LOW TO HIGH ANGLED CROSS-BEDDING OR MASSIVE, POORLY CEMENTED BY DOLOMITE, LOCALIZED SULFIDE MINERALIZATION DISSEMINATED THROUGHOUT THE MATRIX AND CONCENTRATED ALONG BEDDING PLANES AND FRACTURES, LOCALIZED THIN LAYERS OF PALE GREEN SHALE/SILT MARINE AND AEGEAN QUARTZ SANDSTONE.

ST. PETER FORMATION, READSTOWN MEMBER - SANDSTONE, SILTY SANDSTONE, CLAYEY SANDSTONE, GRAY, RED, PURPLE, GREEN, SHALY LAYERS, INTERBEDDED WITH CLAY AND OR SILT, CONTAINS CLASTS OF CHERT OR DOLOMITE, PARTIALLY REWORKED RESIDUUM ON THE PRAIRIE DU CHIEN EROSIONAL SURFACE.

PRAIRIE DU CHIEN GROUP - DOLOMITE AND SANDY DOLOMITE, YELLOW, LIGHT BROWN, AND GRAY, MASSIVE TO MEDIUM BEDED, SANDY, CHERTY, VUGGY, AND OUTWASH.

SHAKOPEE FORMATION - DOLOMITE AND SANDY DOLOMITE, GRAY, BEIGE, AND LIGHT GRAY, FINE TO COARSE SAND, MASSIVE TO BEDED, CHERT AND GLAUCONITE, REWORKED SHALLOW WATER OR LAGOONAL DEPOSITS.

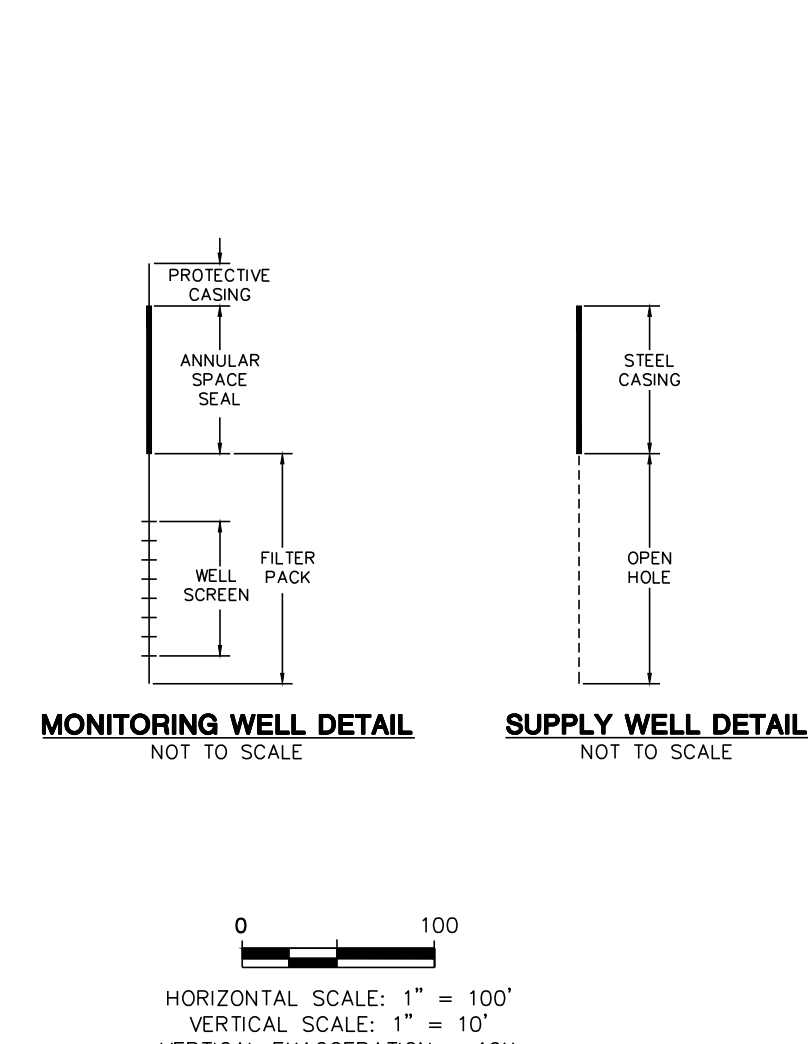
ONEOTA FORMATION - DOLOMITE AND SANDY DOLOMITE, GRAY TO BEIGE, MASSIVE, PLANAR, AND WAVY-LAMINATED BEDDING, CHERTY, VUGGY, CHERTY, AND GLAUCONITE, BIOGENIC CARBONATES.

NEW RICHMOND MEMBER - SANDSTONE, DOLOMITIC SANDSTONE, YELLOW AND LIGHT GRAY, FINE TO COARSE SAND, MASSIVE TO BEDED, CHERT AND GLAUCONITE, REWORKED SHALLOW WATER OR LAGOONAL DEPOSITS.

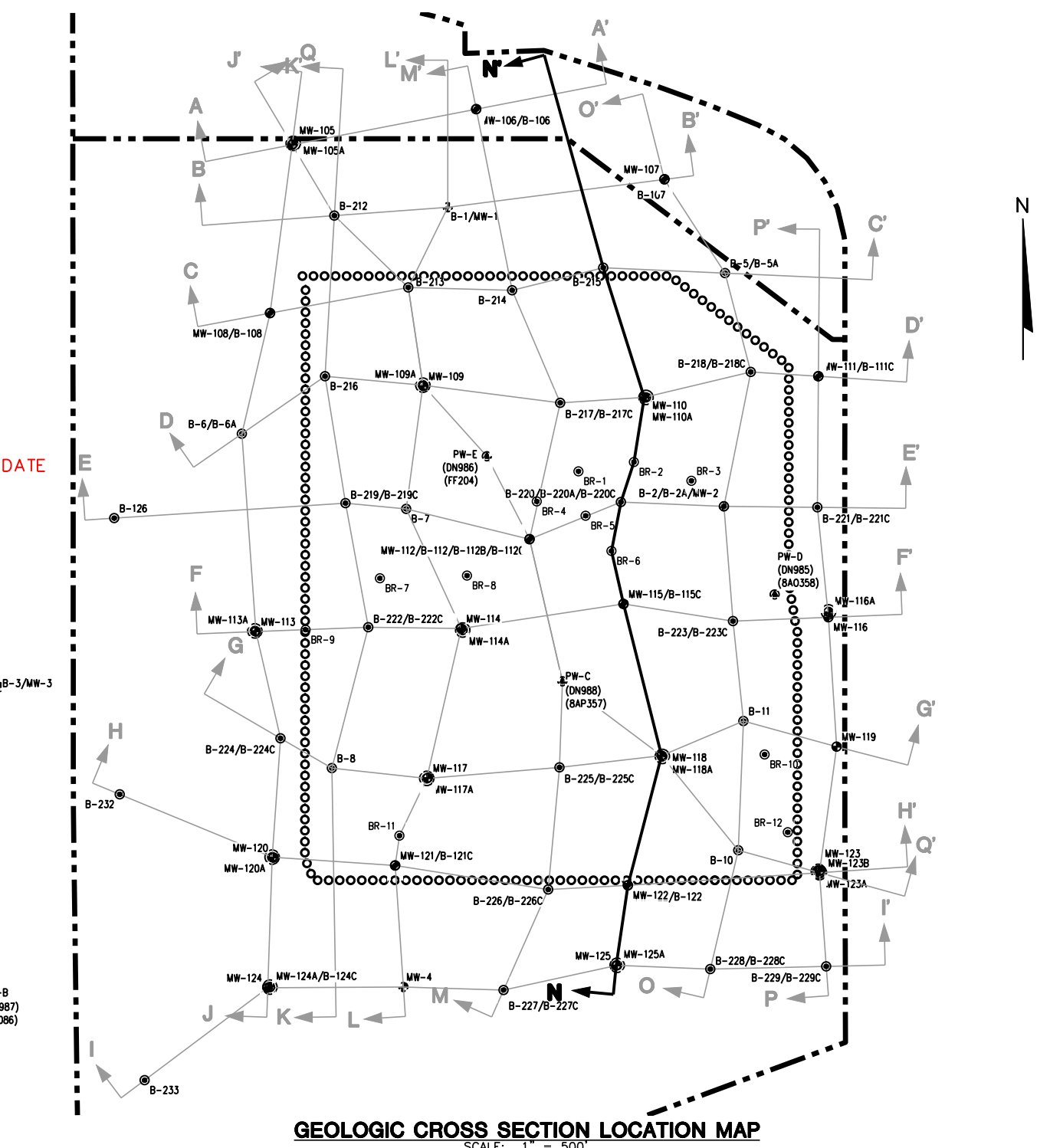
DOLOMITE - UNDIFFERENTIATED CARBONATE ROCK, LITTLE OR NO SAMPLE RECOVERED, UNWEATHERED AND/OR POORLY WEATHERED.

SANDSTONE - UNDIFFERENTIATED SILICLASTIC ROCK, LITTLE OR NO SAMPLE RECOVERED, UNWEATHERED AND/OR POORLY WEATHERED.

NOTE: FILL IS UNCONSOLIDATED SEDIMENT, INCLUDING MIXTURES OF SAND, SILT, CLAY, GRAVEL, AND POSSIBLY BEDROCK FRAGMENTS OF VARIOUS SIZES, THAT HAS BEEN RELOCATED ON THE SITE OR HAS BEEN BROUGHT TO THE SITE FROM OFFSITE SOURCES. FILL IS NOT A GEOLOGIC UNIT.



- NOTES**
- HORIZONTAL DISTANCES ARE MEASURED WITH RESPECT TO THE CENTER OF EACH BORING LOCATION.
 - FOR WELL NESTS, THE GEOLOGIC LOG IS POSTED AT THE LOCATION OF THE WATER TABLE WELL AND INCLUDES GEOLOGIC INFORMATION FROM ALL BORINGS AT THE NEST LOCATION.
 - FOR LOCATIONS WITH MORE THAN ONE BORING, THE GEOLOGIC LOG IS POSTED AT THE LOCATION OF THE SHALLOWEST BORING AND INCLUDES GEOLOGIC INFORMATION FROM ALL BORINGS AT THE DRILLING LOCATION.
 - REFER TO BORING LOGS IN APPENDIX F OF THE FEASIBILITY REPORT FOR DETAILED DESCRIPTIONS OF GEOLOGIC CONDITIONS AT INDIVIDUAL BORING LOCATIONS.
 - REFER TO APPENDIX K (OF 02/13/2024 FEASIBILITY REPORT) FOR MONITORING WELL CONSTRUCTION DETAILS.
 - EXISTING GROUND SURFACE WAS TAKEN FROM SHEET NUMBER 2.
 - ELEVATIONS ARE REFERENCED TO USGS DATUM.
 - THE POSITION OF THE WATER TABLE BETWEEN WELLS IS BASED ON THE WATER TABLE CONTOUR MAP, SHEET NUMBER 3.
 - THE POSITION OF THE POTENTIOMETRIC SURFACE BETWEEN WELLS IS BASED ON THE POTENTIOMETRIC SURFACE CONTOUR MAP, SHEET NUMBER 5.
 - THE BEDROCK SURFACE SHOWN BETWEEN BORINGS ON THE CROSS-SECTION IS THE STRAIGHT-LINE CONNECTION OF THE UPPERMOST ROCK SURFACES OBSERVED AT THE DRILLING LOCATIONS OR IS BASED ON GEOLOGIC INTERPRETATION OF AN EROSIONAL SURFACE BETWEEN BORING LOCATIONS. THE BEDROCK SURFACE CONTOURS SHOWN BETWEEN BORINGS ON PLAN SHEET 6, BEDROCK SURFACE MAP, ARE BASED ON INTERPOLATION USING KRIGING WITH THE PROGRAM 'SURFER'.
 - BORINGS WITH DESIGNATION "BR" WERE DRILLED 02/12-13/2024 AND ADDED TO THE FEASIBILITY REPORT CROSS SECTION. SEE FEASIBILITY REPORT-ADDENDUM NO. 1 FOR BORING LOGS.



FLOW NET LEGEND

— 880 — EQUIPOTENTIAL CONTOUR FOR GROUNDWATER HEAD (10' INTERVAL)

→ GROUNDWATER FLOW DIRECTION

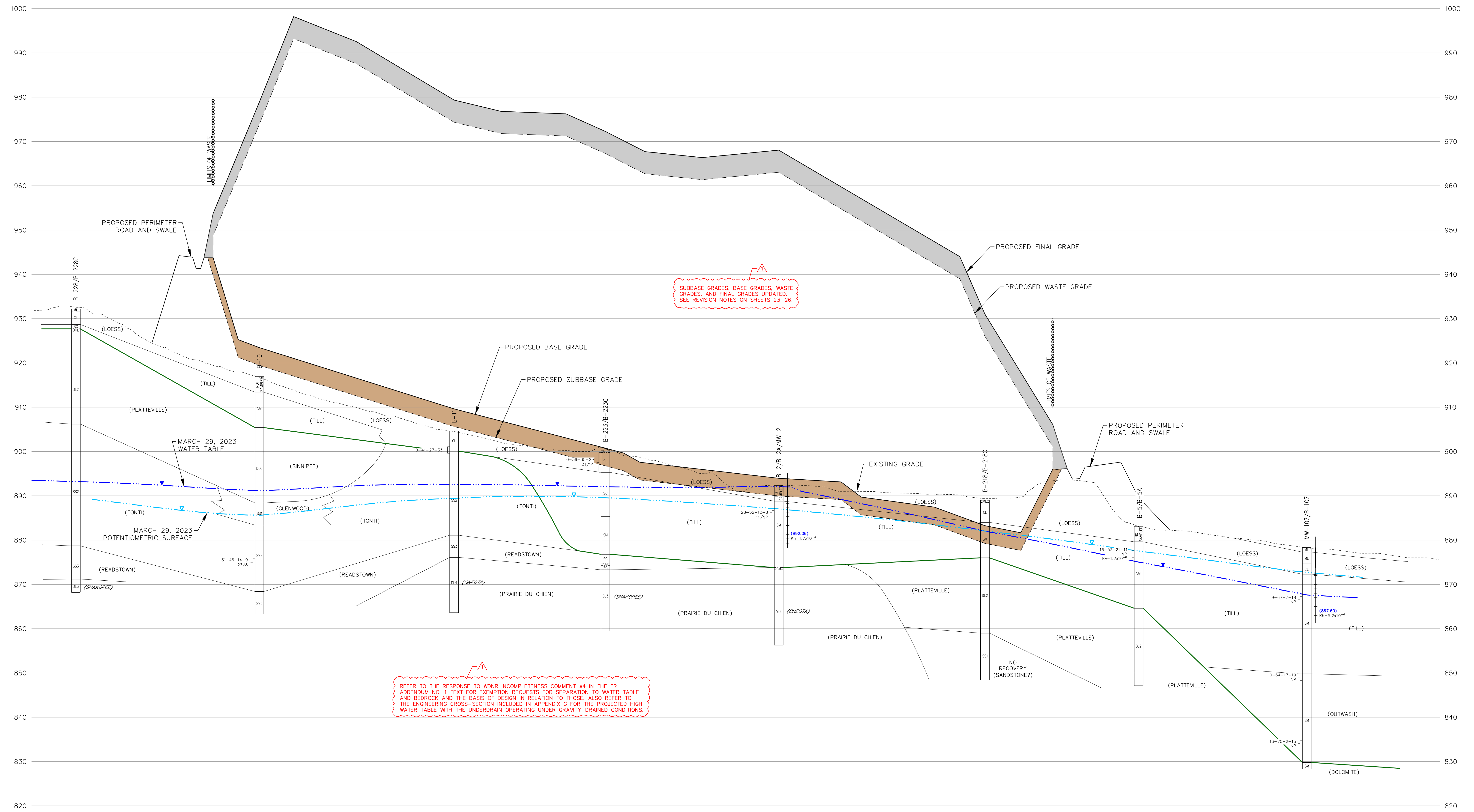
FLOW NET NOTES

- FLOW ARROWS ARE NOT PERPENDICULAR TO EQUIPOTENTIAL LINES DUE TO ANISOTROPY IN BEDROCK ($K_h \gg K_v$).
- FLOW NET IS BASED ON CROSS SECTION DATA AND CONCEPTUAL HYDROGEOLOGIC MODEL DEVELOPED FROM SITE-WIDE GEOLOGICAL INFORMATION.

FLOW NET INFORMATION ADDED TO CROSS SECTION AND LEGEND

O

O'



REFER TO THE RESPONSE TO MWNR INCOMPLETENESS COMMENT #4 IN THE FR ADDENDUM NO. 1 TEXT FOR EXEMPTION REQUESTS FOR SEPARATION TO WATER TABLE AND BEDROCK AND THE BASIS OF DESIGN IN RELATION TO THOSE. ALSO REFER TO THE ENGINEERING CROSS-SECTION INCLUDED IN APPENDIX G FOR THE PROJECTED HIGH WATER TABLE WITH THE UNDERDRAIN OPERATING UNDER GRAVITY-DRAINED CONDITIONS.

REFER TO THE RESPONSE TO MWNR INCOMPLETENESS COMMENT #4 IN THE FR ADDENDUM NO. 1 TEXT FOR EXEMPTION REQUESTS FOR SEPARATION TO WATER TABLE AND BEDROCK AND THE BASIS OF DESIGN IN RELATION TO THOSE. ALSO REFER TO THE ENGINEERING CROSS-SECTION INCLUDED IN APPENDIX G FOR THE PROJECTED HIGH WATER TABLE WITH THE UNDERDRAIN OPERATING UNDER GRAVITY-DRAINED CONDITIONS.

SYMBOLS AND TEST RESULTS

60.7/22.6	LIQUID LIMIT/PLASTICITY INDEX
NP	NON-PLASTIC
Kv	LABORATORY VERTICAL HYDRAULIC CONDUCTIVITY (cm/sec)
Kh	FIELD HORIZONTAL HYDRAULIC CONDUCTIVITY (cm/sec)
0-30-42-28	PERCENT GRAVEL, SAND, SILT, AND CLAY
0-87-13	PERCENT GRAVEL, SAND, AND SILT PLUS CLAY
72-5	PERCENT GRAVEL AND SAND
NS	NOT SAMPLED
(1038.67)	GROUNDWATER ELEVATION ON 03/29/2024 (FEET ABOVE MEAN SEA LEVEL)
(NW)	NOT MEASURED
	WATER TABLE (SEE NOTE 8)
	POTENTIOMETRIC SURFACE (SEE NOTE 9)
	EXISTING GROUND (SPRING 2017)
	GEOLOGIC CONTACT
	UNCERTAIN GEOLOGIC CONTACT
	INFERRED GRADATIONAL GEOLOGIC CONTACT
	TOP OF BEDROCK (SEE NOTE 10)
	PROPOSED FINAL COVER SYSTEM
	PROPOSED COMPOSITE LINER SYSTEM

USCS CLASSES

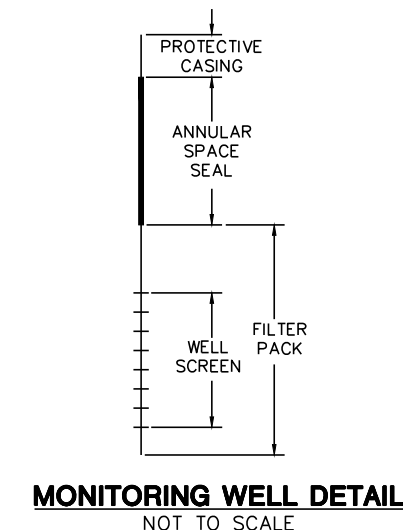
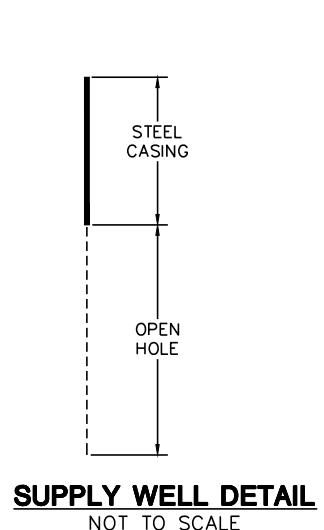
CL	LEAN CLAY
CL-ML	SILTY CLAY
CH	FAT CLAY
GP	POORLY-GRADED GRAVEL
GP-GM	POORLY-GRADED GRAVEL WITH SILT
GM	SILTY GRAVEL
GW	WELL-GRADED GRAVEL
GW-GM	WELL-GRADED GRAVEL WITH SILT
ML	SILT
SC	CLAYEY SAND
SM	SILTY SAND
SP	POORLY-GRADED SAND
SP-SM	POORLY-GRADED SAND WITH SILT

BEDROCK STRATIGRAPHIC UNITS

SINNIPEE GROUP	
DL1	GALENA FORMATION
SH	DECORAH FORMATION
DL2	PLATTEVILLE FORMATION
DL6	SINNIPEE GROUP, UNDIFFERENTIATED
ANCELL GROUP	
SS1	GLENWOOD FORMATION
SS2	ST. PETER FORMATION, TONTI MEMBER
SS3	ST. PETER FORMATION, READSTOWN MEMBER
SS4	ANCELL GROUP, UNDIFFERENTIATED
PRAIRIE DU CHIEN GROUP	
DL3	SHAWNEE FORMATION
DL4	ONCOTA FORMATION
DL5	PRAIRIE DU CHIEN GROUP UNDIFFERENTIATED
UNDIFFERENTIATED	
DOL	DOLomite
SS	SANDSTONE

GENERAL DESCRIPTION OF MAJOR GEOLOGIC UNITS

PLEISTOCENE SEDIMENTS
LOESS - GRAYISH BROWN, OR YELLOWISH BROWN, MOSTLY SILT WITH SOME CLAY AND FINE SAND, LEAN CLAY (CL), UNIFORM, MASSIVE, DEPOSITED PRIMARILY BY WIND DURING DEGLACIATION. CONTAINS THE MODERN SOIL PROFILE.
TILL - HORIZON MEMBER OF THE HOLY HILL FORMATION - BROWN, OR YELLOWISH RED, MOSTLY FINE SAND WITH MEDIUM TO COARSE SAND, AND GRAVEL, SILTY SAND (SM) MATRIX, UNIFORM, WITH SOME COBBLES AND Boulders, DEPOSITED BY OR FROM GLACIAL ICE.
OUTWASH - HORIZON MEMBER OF THE HOLY HILL FORMATION - BROWN OR YELLOWISH BROWN, FINE TO COARSE SAND AND SOME GRAVEL, GENERALLY POORLY-SORTED SAND WITH SILT (SP-SM), OR SILTY SAND (SM), MASSIVE TO STRATIFIED, DEPOSITED BY FLUVIAL PROCESSES NEAR GLACIAL ICE DRIFT (NOT A MAJOR GEOLOGIC UNIT) - UNDIFFERENTIATED PLEISTOCENE SEDIMENTS, LOESS, TILL, AND/OR OUTWASH.
ORDOVICIAN BEDROCK UNITS
SINNIPEE GROUP - DOLomite AND SHALY DOLomite, YELLOW BROWN TO LIGHT BROWNISH YELLOW AND GRAY, MASSIVE OR MEDIUM TO THICK BEDDED, BEDDING IS WAVE OR MOTTLED WITH SHALY LAYERS, MINOR WHITE CHERT, FOSSILIFEROUS.
GALENA FORMATION - DOLomite TO CHERT DOLomite, GRAY TO BEIGE, AND YELLOW BROWN TO LIGHT BROWNISH YELLOW, MASSIVE TO MEDIUM-BEDDED WITH DISTINCTIVE MOTTLED WEATHERING PATTERN, BASE IS LIGHT GRAY AND SHALY, FOSSILIFEROUS, BIOGENIC CARBONATES.
DECORAH FORMATION - SHALY AND SILTY DOLomite, DARK GRAY, THIN BEDDED, MINOR CHERT AND PYRITE, REWORKED SHALLOW WATER OR LACONAL DEPOSITS.
UNDIFFERENTIATED
DOL - DOLomite
SS - SANDSTONE
PLATTEVILLE FORMATION - DOLomite TO SHALY DOLomite, YELLOW, BEIGE, AND GRAY TO LIGHT BROWNISH YELLOW, GRAY WEATHERING IS TYPICAL OF SHALY INTERVALS, MASSIVE, PLANAR-LAMINATED, OR MEDIUM TO THICK BEDDED, INTERBEDDED WITH THIN, WAVY BEDDED SHALE/SILT LAMINATIONS, MINOR CHERT, FOSSILIFEROUS, BIOGENIC CARBONATES.
ANCELL GROUP - MARINE AND AEGEAN SANDSTONES, SHALES, RESIDUUM, HIGH-RELIEF UNCONFORMABLE CONTACT WITH THE UNDERLYING PRAIRIE DU CHIEN GROUP.
PRAIRIE DU CHIEN GROUP - DOLomite AND SANDY DOLomite, LIGHT BROWN, AND GRAY, MASSIVE TO MEDIUM BEDDED, SANDY, CHERT, VUGGY, AND OOLITHIC.
SHAWNEE FORMATION - DOLomite AND SANDY DOLomite, GRAY, BEIGE, AND RED (SANDY DOLomite IS PREDOMINANTLY RED), INTERBEDDED WITH COARSE GRANED WELL-ROUNDED SANDSTONE, AND/OR GREEN TO GRAY SILTSTONE OR CLAY, MASSIVE, PLANAR, OR LOW-ANGLED CROSS-BEDDING, OOLITHIC, VUGGY, CHERT, AND GLAUCONITE, BIOGENIC CARBONATES.
WILLIAM RIVER MEMBER - SANDY, GLAUCONITE DOLomite, GRAY, LIGHT GRAY, BIOGENIC CARBONATES.
NEW RICHMOND MEMBER - SANDSTONE, DOLomite SANDSTONE, YELLOW AND LIGHT GRAY, FINE TO COARSE SAND, MASSIVE TO BEDDED, CHERT AND GLAUCONITE, REWORKED SHALLOW WATER OR LACONAL DEPOSITS.
ONCOTA FORMATION - DOLomite AND SANDY DOLomite, GRAY TO BEIGE, MASSIVE, PLANAR, AND WAVY-LAMINATED BEDDING, OOLITHIC, VUGGY, CHERT, AND GLAUCONITE, BIOGENIC CARBONATES.
DOLomite - UNDIFFERENTIATED CARBONATE ROCK, LITTLE OR NO SAMPLE RECOVERED, LIKELY WEATHERED AND/OR POORLY SORTED.
SANDSTONE - UNDIFFERENTIATED SILICATE ROCK, LITTLE OR NO SAMPLE RECOVERED, LIKELY POORLY SORTED.
NOTE: FILL IS UNCONSOLIDATED SEDIMENT, INCLUDING MIXTURES OF SAND, SILT, CLAY, GRAVEL, AND POSSIBLY BEDROCK FRAGMENTS OF VARIOUS SIZES, THAT HAS BEEN RELOCATED ON THE SITE OR HAS BEEN BROUGHT TO THE SITE FROM OFFSITE SOURCES. FILL IS NOT A GEOLOGIC UNIT.

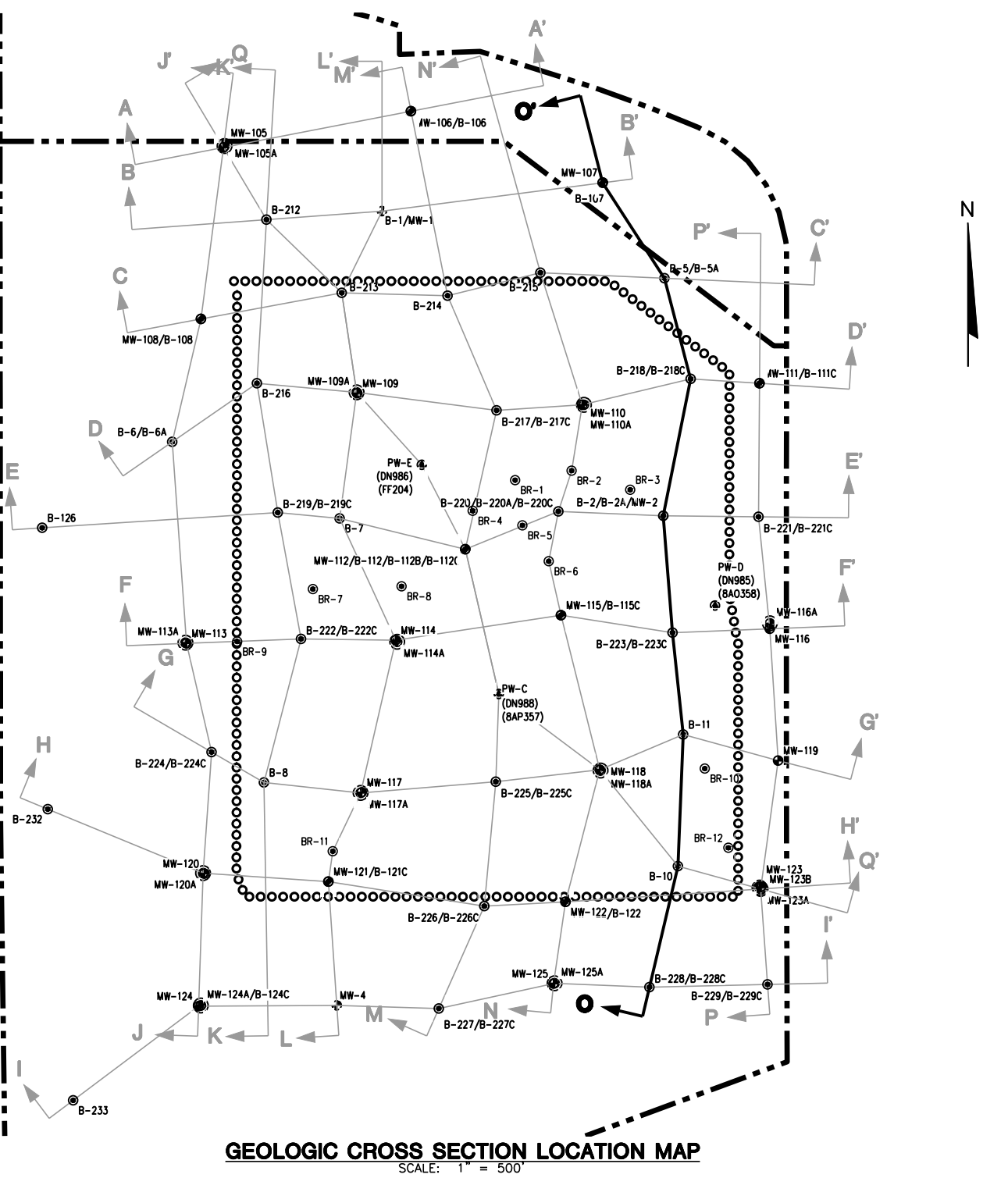
MONITORING WELL DETAIL
NOT TO SCALESUPPLY WELL DETAIL
NOT TO SCALE

NOTES

- HORIZONTAL DISTANCES ARE MEASURED WITH RESPECT TO THE CENTER OF EACH BORING LOCATION.
- FOR WELL NESTS, THE GEOLOGIC LOG IS POSTED AT THE LOCATION OF THE WATER TABLE WELL AND INCLUDES GEOLOGIC INFORMATION FROM ALL BORINGS AT THE NEST LOCATION.
- FOR LOCATIONS WITH MORE THAN ONE BORING, THE GEOLOGIC LOG IS POSTED AT THE LOCATION OF THE SHALLOWEST BORING AND INCLUDES GEOLOGIC INFORMATION FROM ALL BORINGS AT THE DRILLING LOCATION.
- REFER TO BORING LOGS IN APPENDIX F OF THE FEASIBILITY REPORT FOR DETAILED DESCRIPTIONS OF GEOLOGIC CONDITIONS AT INDIVIDUAL BORING LOCATIONS.
- REFER TO APPENDIX F (OF 02/13/2024 FEASIBILITY REPORT) FOR MONITORING WELL CONSTRUCTION DETAILS.
- EXISTING GROUND SURFACE WAS TAKEN FROM SHEET NUMBER 2.
- ELEVATIONS ARE REFERENCED TO USGS DATUM.
- THE POSITION OF THE WATER TABLE BETWEEN WELLS IS BASED ON THE WATER TABLE CONTOUR MAP, SHEET NUMBER 3.
- THE POSITION OF THE POTENTIOMETRIC SURFACE BETWEEN WELLS IS BASED ON THE POTENTIOMETRIC SURFACE CONTOUR MAP, SHEET NUMBER 5.
- THE BEDROCK SURFACE SHOWN BETWEEN BORINGS ON THE CROSS-SECTION IS THE STRAIGHT-LINE CONNECTION OF THE UPPERMOST ROCK SURFACES OBSERVED AT THE DRILLING LOCATIONS OR IS BASED ON GEOLOGIC INTERPRETATION OF AN EROSIONAL SURFACE BETWEEN BORING LOCATIONS. THE BEDROCK SURFACE CONTOURS SHOWN BETWEEN BORINGS ON PLAN SHEET 6, BEDROCK SURFACE MAP, ARE BASED ON INTERPOLATION USING KRIGING WITH THE PROGRAM SURFER.
- BORINGS WITH DESIGNATION "BT" WERE DRILLED 02/12-13/2024 AND ADDED TO THE FEASIBILITY REPORT CROSS SECTION, SEE FEASIBILITY REPORT-ADDENDUM NO. 1 FOR BORING LOGS.

ADDED REPORT DATE

ADDED NOTE



SYMBOLS AND TEST RESULTS	
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GM	SILTY GRAVEL
GW	WELL-GRADED GRAVEL
GW-GM	WELL-GRADED GRAVEL WITH SILT
ML	SILT
SC	CLAYEY SAND
SM	SILTY SAND
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SP-SM	POORLY-GRADED SAND WITH SILT

BEDROCK STRATIGRAPHIC UNITS	
SINNIPEE GROUP	
DL1	GALENA FORMATION
SH	DECORAH FORMATION
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SS1	GLENWOOD FORMATION
SS2	ST. PETER FORMATION, TONTI MEMBER
SS3	ST. PETER FORMATION, READSTOWN MEMBER
SS4	ANCELL GROUP, UNDIFFERENTIATED
PRAIRIE DU CHIEN GROUP	
DL3	SHAKOPEE FORMATION
DL4	ONEOTA FORMATION
DL5	PRAIRIE DU CHIEN GROUP UNDIFFERENTIATED
UNDIFFERENTIATED	
DOL	DOLomite
SS	SANDSTONE

GENERAL DESCRIPTION OF MAJOR GEOLOGIC UNITS

PLEISTOCENE SEDIMENTS

LOESS – GRAYISH BROWN OR YELLOWISH BROWN, MOSTLY SILT WITH SOME CLAY AND FINE SAND, LEAN CLAY (CL), UNIFORM, MASSIVE. DEPOSITED PRIMARILY BY WIND DURING DEGLACIATION. CONTAINS THE MODERN SOIL PROFILE.

TILL – HORIZON MEMBER OF THE HOLY HILL FORMATION – BROWN OR YELLOWISH RED, MOSTLY FINE SAND WITH MEDIUM AND COARSE SAND, AND GRAVEL, SILTY SAND (SM) MATRIX, UNIFORM, WITH SOME COBBLES AND BouldERS, DEPOSITED BY OR FROM GLACIAL ICE.

OUTWASH – HORIZON MEMBER OF THE HOLY HILL FORMATION – BROWN OR YELLOWISH BROWN, FINE TO COARSE SAND AND SOME GRAVEL, GENERALLY POORLY-GRADED SAND WITH SILT (SP-SM), OR SILTY SAND (SM), MASSIVE TO STRATIFIED, DEPOSITED BY FLUVIAL PROCESSES NEAR GLACIAL ICE.

DOLOMITE – UNDIFFERENTIATED CARBONATE ROCK, LITTLE OR NO SAMPLE RECOVERED, LIKELY WEATHERED AND/OR POORLY INDURATED.

SANDSTONE – UNDIFFERENTIATED SILICATE ROCK, LITTLE OR NO SAMPLE RECOVERED, LIKELY POORLY INDURATED.

NOTE: FILL IS UNCONSOLIDATED SEDIMENT, INCLUDING MIXTURES OF SAND, SILT, CLAY, GRAVEL, AND POSSIBLY BEDROCK FRAGMENTS OF VARIOUS SIZES, THAT HAS BEEN RELOCATED ON THE SITE OR HAS BEEN BROUGHT TO THE SITE FROM OFFSITE SOURCES. FILL IS NOT A GEOLOGIC UNIT.

GLACIAL FORMATION – SANDSTONE, DOLOMITE (CARBONATE-CEMENTED), SILTY, AND/OR SHALY, POORLY SORTED, YELLOW-BROWN TO GREEN, WITH BLUE-GREEN SHALE OR SANDY DOLOMITE. REWORKED SHALLOW WATER OR LACIOAL DEPOSITS.

ST. PETER FORMATION TONTI MEMBER – SANDSTONE, LIGHT BROWNISH YELLOW, WHITE, RED, GRAY, ORANGE, OR BROWN (IF CEMENTED BY IRON OXIDES), MEDIUM TO COARSE GRAINED, WELL-SORTED, POORLY CEMENTED, LOW TO HIGH ANGLED CROSS-BEDDING OR MASSIVE, POORLY CEMENTED BY DOLOMITE, LOCATED SUPER MINERALIZATION DISSIPATED THROUGH THE MATRIX AND CONCENTRATED ALONG BEDDING PLANES AND FRACTURES, LOCALIZED THIN LAYERS OF PALE GREEN SHALE/SILT, MARINE AND AEGEAN QUARTZ SANDSTONE.

ST. PETER FORMATION READSTOWN MEMBER – SANDSTONE, SILTY SANDSTONE, CLAYEY SANDSTONE, GRAY, RED, PURPLE, GREEN SHALY LAYERS, INTERBEDDED WITH CLAY AND OR SILT, CONTAINS CLASTS OF CHERT OR DOLOMITE, PARTIALLY REWORKED RESIDUUM ON THE PRAIRIE DU CHIEN EROSIONAL SURFACE.

PRAIRIE DU CHIEN GROUP – DOLOMITE AND SANDY DOLOMITE, YELLOW, LIGHT BROWN, AND GRAY, MASSIVE TO MEDIUM BEDDED, SANDY, CHERT, VUGGY, AND OOLITHIC.

SHAKOPEE FORMATION – DOLOMITE AND SANDY DOLOMITE, GRAY, BEIGE, AND RED (SANDY DOLOMITE IS PREDOMINANTLY RED), INTERBEDDED WITH COARSE GRAINED WELL-ROUNDED SANDSTONE, AND/OR GREEN TO GRAY SILTSTONE OR CLAY, MASSIVE, PLANAR, OR LOW-ANGLED CROSS-BEDDING; OOLITHIC, VUGGY, CHERT, AND GLAUCONITE, BIOGENIC CARBONATES.

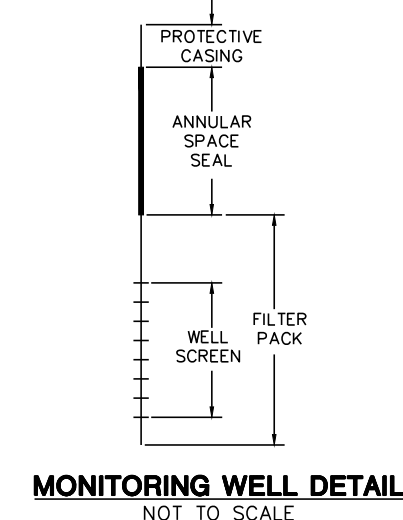
WILLIAMSVILLE MEMBER – SANDY, GLAUCONITE DOLOMITE, GRAY, LIGHT GRAY, BIOGENIC CARBONATES.

NEW RICHMOND MEMBER – SANDSTONE, DOLOMITE SANDSTONE, YELLOW AND LIGHT GRAY, FINE TO COARSE SAND, MASSIVE TO BEDDED, CHERT AND GLAUCONITE REWORKED SHALLOW WATER OR LACIOAL DEPOSITS.

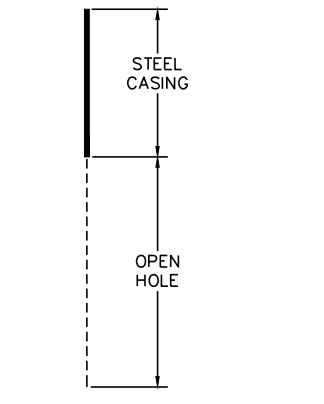
ONEOTA FORMATION – DOLOMITE AND SANDY DOLOMITE, GRAY TO BEIGE, MASSIVE, PLANAR, AND WAVY-LAMINATED BEDDING, OOLITHIC, VUGGY, CHERT, AND GLAUCONITE, BIOGENIC CARBONATES.

DOLOMITE – UNDIFFERENTIATED CARBONATE ROCK, LITTLE OR NO SAMPLE RECOVERED, LIKELY WEATHERED AND/OR POORLY INDURATED.

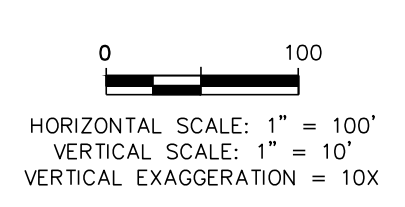
SANDSTONE – UNDIFFERENTIATED SILICATE ROCK, LITTLE OR NO SAMPLE RECOVERED, LIKELY POORLY INDURATED.



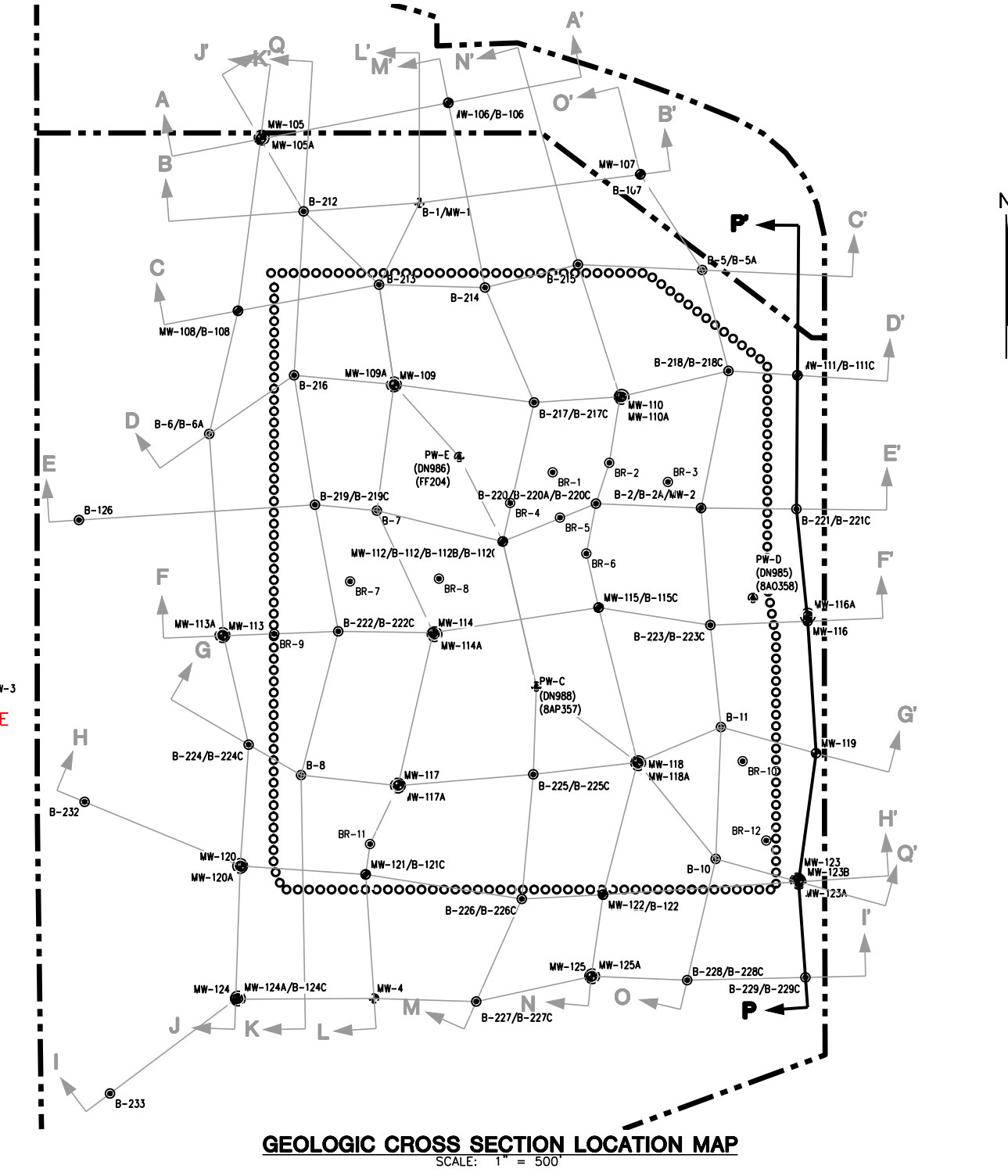
MONITORING WELL DETAIL
NOT TO SCALE



SUPPLY WELL DETAIL
NOT TO SCALE

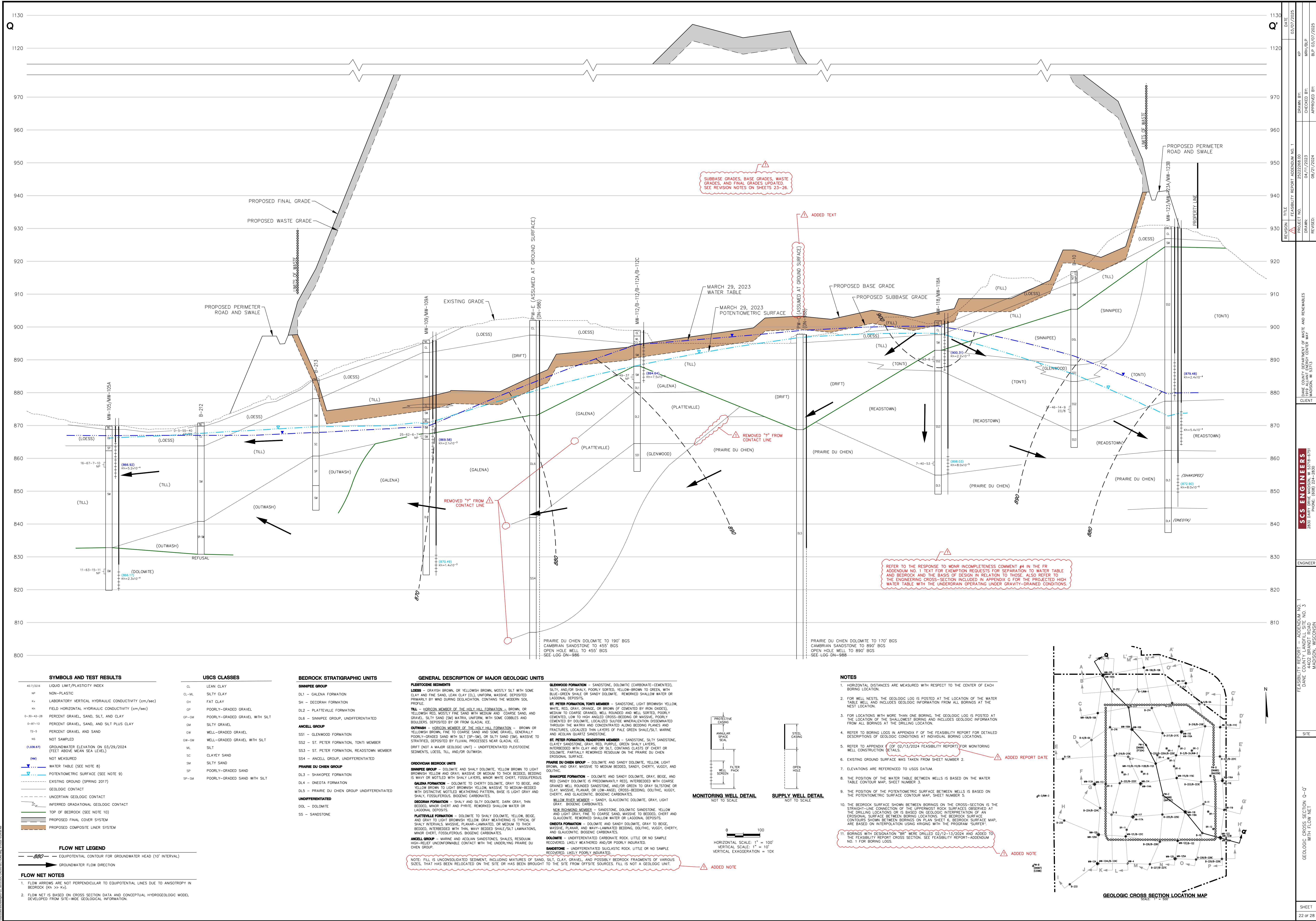


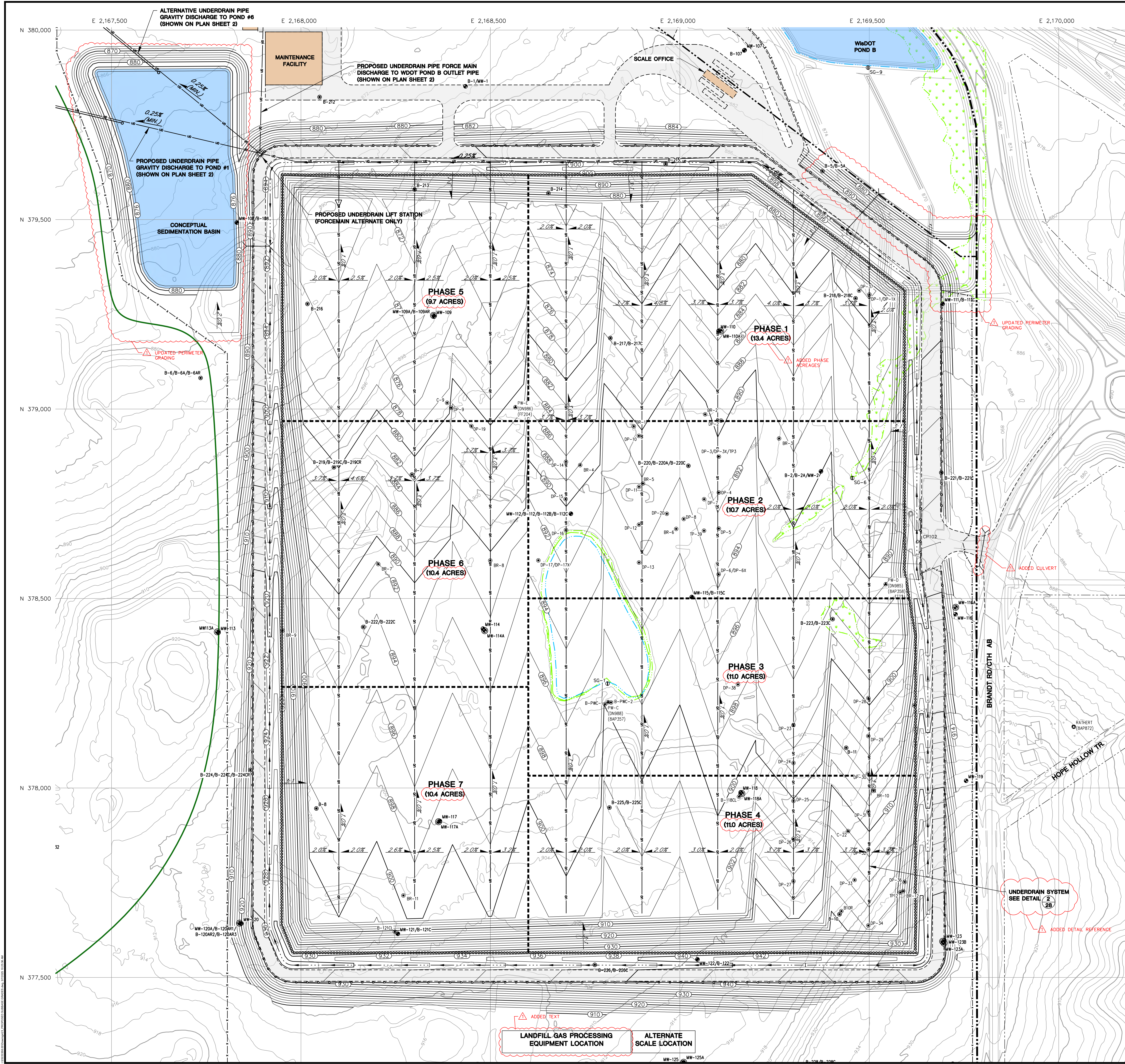
- NOTES**
- HORIZONTAL DISTANCES ARE MEASURED WITH RESPECT TO THE CENTER OF EACH BORING LOCATION.
 - FOR WELL NESTS, THE GEOLOGIC LOG IS POSTED AT THE LOCATION OF THE WATER TABLE WELL AND INCLUDES GEOLOGIC INFORMATION FROM ALL BORINGS AT THE NEST LOCATION.
 - FOR LOCATIONS WITH MORE THAN ONE BORING, THE GEOLOGIC LOG IS POSTED AT THE LOCATION OF THE SHALLOWEST BORING AND INCLUDES GEOLOGIC INFORMATION FROM ALL BORINGS AT THE DRILLING LOCATION.
 - REFER TO BORING LOGS IN APPENDIX F OF THE FEASIBILITY REPORT FOR DETAILED DESCRIPTIONS OF GEOLOGIC CONDITIONS AT INDIVIDUAL BORING LOCATIONS.
 - REFER TO APPENDIX F (OF 02/15/2024 FEASIBILITY REPORT) FOR MONITORING WELL CONSTRUCTION DETAILS.
 - EXISTING GROUND SURFACE WAS TAKEN FROM SHEET NUMBER 2.
 - ELEVATIONS ARE REFERENCED TO USGS DATUM.
 - THE POSITION OF THE WATER TABLE BETWEEN WELLS IS BASED ON THE WATER TABLE CONTOUR MAP, SHEET NUMBER 3.
 - THE POSITION OF THE POTENTIOMETRIC SURFACE BETWEEN WELLS IS BASED ON THE POTENTIOMETRIC SURFACE CONTOUR MAP, SHEET NUMBER 5.
 - THE BEDROCK SURFACE SHOWN BETWEEN BORINGS ON THE CROSS-SECTION IS THE STRAIGHT-LINE CONNECTION OF THE UPPERMOST ROCK SURFACES OBSERVED AT THE DRILLING LOCATIONS OR IS BASED ON GEOLOGIC INTERPRETATION OF AN EROSIONAL SURFACE BETWEEN BORING LOCATIONS. THE BEDROCK SURFACE CONTOURS SHOWN BETWEEN BORINGS ON PLAN SHEET 6, BEDROCK SURFACE MAP, ARE BASED ON INTERPOLATION USING KRIGING WITH THE PROGRAM SURFER.
 - BORINGS WITH DESIGNATION "TNT" WERE DRILLED 02/12-13/2024 AND ADDED TO THE FEASIBILITY REPORT CROSS SECTION, SEE FEASIBILITY REPORT-ADDENDUM NO. 1 FOR BORING LOGS.



GEOLOGIC CROSS SECTION LOCATION MAP

REVISION	TITLE	DATE	PROJECT NO.	PROJECT NAME	CLIENT
1	FEASIBILITY REPORT-ADDENDUM NO. 1	03/07/2025	2322268.00	DANE COUNTY DEPARTMENT OF WASTE AND RENOVABLES	DANE COUNTY DEPARTMENT OF WASTE AND RENOVABLES
2	PROJECT NO.	04/11/2023	2322268.00	1919 ALIANT ENERGY CENTER WAY	1919 ALIANT ENERGY CENTER WAY
3	DRAWN BY:	08/21/2024	08/21/2024	2850 DARY DRIVE MADISON, WI 53713	2850 DARY DRIVE MADISON, WI 53713
4	CHECKED BY:				
5	APPROVED BY:				
6	REVISION				
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- LEGEND
- PROJECT PROPERTY LINE
 - PROPERTY PARCEL LINE
 - PROPOSED LIMITS OF WASTE
 - PROPOSED PHASE LIMIT
 - EXISTING GRADE (2' CONTOUR)
 - EXISTING GRADE (10' CONTOUR)
 - EXISTING PAVED ROAD
 - EXISTING UNPAVED ROAD
 - EXISTING STREAM/EDGE OF WATER
 - EXISTING WETLAND
 - EXISTING WATER SUPPLY WELL (APPROXIMATE LOCATION)
 - EXISTING SOIL BORING
 - EXISTING WATER TABLE MONITORING WELL
 - EXISTING PIEZOMETER
 - EXISTING STAFF GAUGE
 - LIMITS OF PROPOSED 18-HOLE GOLF COURSE
 - PROPOSED UNDERDRAIN LINE
 - PROPOSED SLOPE AND DIRECTION
 - PROPOSED GRADE (2' CONTOUR)
 - PROPOSED GRADE (10' CONTOUR)
 - PROPOSED PERIMETER SWALE
 - PROPOSED PERIMETER/ACCESS ROAD
 - PROPOSED CULVERT
 - PRELIMINARY PROPOSED SEDIMENTATION BASIN OUTFALL
 - PRELIMINARY PROPOSED CHAIN LINK FENCE
 - PRELIMINARY PROPOSED GATE LOCATION
 - PRELIMINARY PROPOSED LITTER FENCE
 - ADDED FENCING AND OUTFALLS

- NOTES:
- SEE SHEET 2, EXISTING CONDITIONS, FOR ADDITIONAL LEGEND ITEMS AND BASE MAP NOTES.
 - PROPOSED CONTOURS WITHIN LIMITS OF WASTE REPRESENT BOTTOM OF CLAY LINER (SUBBASE GRADES). UNDERCUTS FOR LEACHATE COLLECTION LINES AND SUMPS ARE NOT SHOWN.
 - WSDOT POND B WILL BE MODIFIED WITH THE PROPOSED LANDFILL. PROPER APPROVALS WILL BE OBTAINED PRIOR TO MODIFICATION. PRELIMINARY STORM WATER MODELING SUPPORTS THE PROPOSED REDUCTION TO POND B FOOTPRINT.
 - WETLANDS AND GOLF COURSE POND SHOWN WITHIN PROPOSED LIMITS OF GRADING ARE ARTIFICIAL AND NON-JURISDICTIONAL AND THEREFORE NOT SUBJECT TO REGULATORY AUTHORITY REGARDING CHAPTER 30 OR 281, WS. STATS. (REFER TO CORRESPONDENCE IN APPENDIX B OF THE FEASIBILITY REPORT).
 - BUILDINGS SHOWN ARE CONCEPTUAL AND WILL BE FINALIZED AS PART OF THE PLAN OF OPERATION.

NORTHERN LIMITS OF WASTE MOVED SOUTH TO ACHIEVE 2,000 FOOT MAXIMUM LEACHATE COLLECTION LINE LENGTHS FROM THE ACCESS POINT AT ONE END TO THE OPPOSITE TOE OF SLOPE. SOUTHWEST CORNER OF LIMITS OF WASTE ADJUSTED TO MAINTAIN 1,200 FOOT SEPARATION FROM WATER SUPPLY WELL PW-B.

EASTERN LIMITS OF WASTE MOVED TO THE WEST TO PROVIDE 500-FOOT OFFSET FROM TOE OF PERIMETER BERM TO PROPERTY LINE.

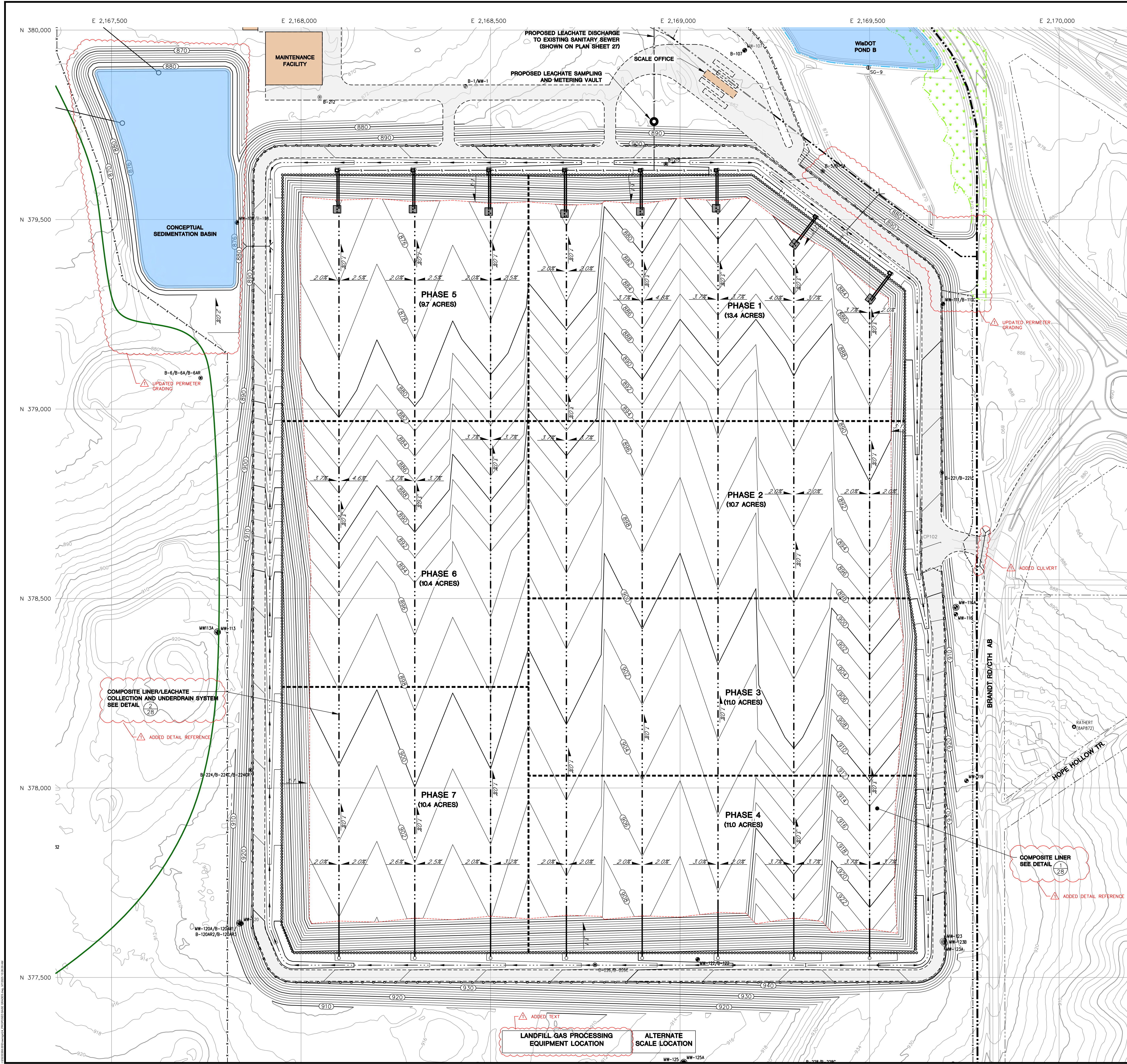
SUBBASE GRADES MODIFIED TO FIT UPDATED LIMITS OF WASTE AND TO PROVIDE HIGH WATER TABLE AND BEDROCK SEPARATION AS DESCRIBED IN THE RESPONSE TO WDRR INCOMPLETENESS COMMENT NO. 4 IN FR ADDENDUM NO. 1 TEXT.

ADDED PROPOSED GRADING AROUND MODIFIED WADOT POND B AND PROPOSED WESTERN SEDIMENTATION BASIN.

ADDED ADDITIONAL BORINGS INSTALLED IN NOVEMBER AND DECEMBER 2024.

REMOVED THE WORD "ALTERNATE" FROM THE LANDFILL GAS PROCESSING EQUIPMENT LOCATION NOTED AT THE SOUTH END OF THE SITE.

REVISION	TITLE	DATE
1	FEASIBILITY REPORT ADDENDUM NO. 1	03/07/2025
2	PROJECT NO. 2322268.00	03/07/2025
3	DRAWN BY: MW/BP	03/07/2025
4	CHECKED BY: MW/BP	03/07/2025
5	APPROVED BY: MW/BP	03/07/2025
6	REVIEWED BY: MW/BP	03/07/2025
7	CLIENT	
8	ENGINEER	
9	SITE	
10	PROPOSED SUBBASE GRADES AND UNDERDRAIN	
11	SHEET	
12	23 OF 28	



- LEGEND
- PROJECT PROPERTY LINE
 - PROPERTY PARCEL LINE
 - PROPOSED LIMITS OF WASTE
 - PROPOSED PHASE LIMIT
 - EXISTING GRADE (2' CONTOUR)
 - EXISTING GRADE (10' CONTOUR)
 - EXISTING PAVED ROAD
 - EXISTING UNPAVED ROAD
 - EXISTING STREAM/EDGE OF WATER
 - EXISTING WETLAND
 - EXISTING WATER SUPPLY WELL (APPROXIMATE LOCATION)
 - EXISTING SOIL BORING
 - EXISTING WATER TABLE MONITORING WELL
 - EXISTING PIEZOMETER
 - EXISTING STAFF GAUGE
 - LIMITS OF PROPOSED 18-HOLE GOLF COURSE
 - PROPOSED LEACHATE COLLECTION LINE
 - PROPOSED LEACHATE COLLECTION LINE CLEANOUT
 - PROPOSED LEACHATE INCLINED RISER PIPE AND VAULT
 - PROPOSED LEACHATE LINE (GRAVITY OR FORCEMAIN)
 - PROPOSED LEACHATE COLLECTION SUMP
 - PROPOSED SLOPE AND DIRECTION
 - PROPOSED GRADE (2' CONTOUR)
 - PROPOSED GRADE (10' CONTOUR)
 - PROPOSED PERIMETER SWALE
 - PROPOSED PERIMETER/ACCESS ROAD
 - PROPOSED CULVERT
 - PRELIMINARY PROPOSED SEDIMENTATION BASIN OUTFALL
 - PRELIMINARY PROPOSED CHAIN LINK FENCE
 - PRELIMINARY PROPOSED GATE LOCATION
 - PRELIMINARY PROPOSED LITTER FENCE
 - BASE GRADE TOE OF SLOPE
 - ADDED FENCING, OUTFALLS AND TOE OF SLOPE LINEWORK

- NOTES:
- SEE SHEET 2, EXISTING CONDITIONS, FOR ADDITIONAL LEGEND ITEMS AND BASE MAP NOTES.
 - PROPOSED CONTOURS WITHIN LIMITS OF WASTE REPRESENT TOP OF CLAY LINER (BASE GRADES). UNDERCUTS FOR LEACHATE COLLECTION LINES AND SUMPS ARE NOT SHOWN.
 - BUILDINGS SHOWN ARE CONCEPTUAL AND WILL BE FINALIZED AS PART OF THE PLAN OF OPERATION.

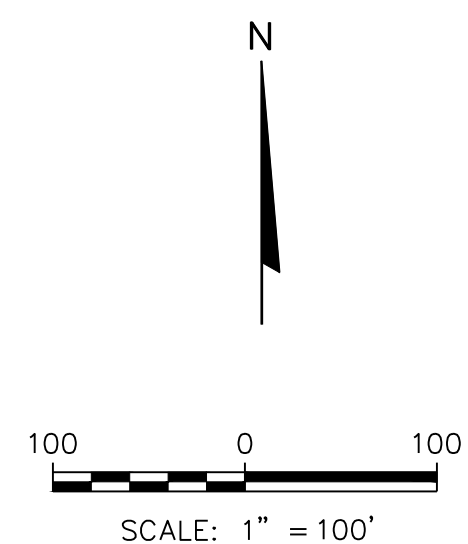
NORTHERN LIMITS OF WASTE MOVED SOUTH TO ACHIEVE 2,000 FOOT MAXIMUM LEACHATE COLLECTION LINE LENGTHS FROM THE ACCESS POINT AT ONE END TO THE OPPOSITE TOE OF SLOPE. SOUTHWEST CORNER OF LIMITS OF WASTE ADJUSTED TO MAINTAIN 1,200 FOOT SEPARATION FROM WATER SUPPLY WELL PW-B.

EASTERN LIMITS OF WASTE MOVED TO THE WEST TO PROVIDE 50-FOOT OFFSET FROM TOE OF PERIMETER BERM TO PROPERTY LINE.

BASE GRADES MODIFIED TO FIT UPDATED LIMITS OF WASTE AND TO PROVIDE HIGH WATER TABLE AND BEDROCK SEPARATION AS DESCRIBED IN THE RESPONSE TO WORK INCOMPLETENESS COMMENT NO. 4 IN ITR ADDENDUM NO. 1 TEXT.

ADDED PROPOSED GRADING AROUND MODIFIED WINDOT POND B AND PROPOSED WESTERN SEDIMENTATION BASIN.

REMOVED THE WORD "ALTERNATE" FROM THE LANDFILL GAS PROCESSING EQUIPMENT LOCATION NOTED AT THE SOUTH END OF THE SITE.



REVISION	TITLE	DATE
1	FEASIBILITY REPORT ADDENDUM NO. 1	03/07/2025
2	PROJECT NO. 2522268.00	IP
3	DRAWN BY: MWP/BEP	03/07/2025
4	CHECKED BY: MWP/BEP	03/07/2025
5	APPROVED BY: MWP/BEP	03/07/2025
6	REVIEWED BY: MWP/BEP	03/07/2025
7	CLIENT	
8	ENGINEER	
9	SITE	
10	PROPOSED BASE GRADES	
11	SHEET	
12	24 of 28	



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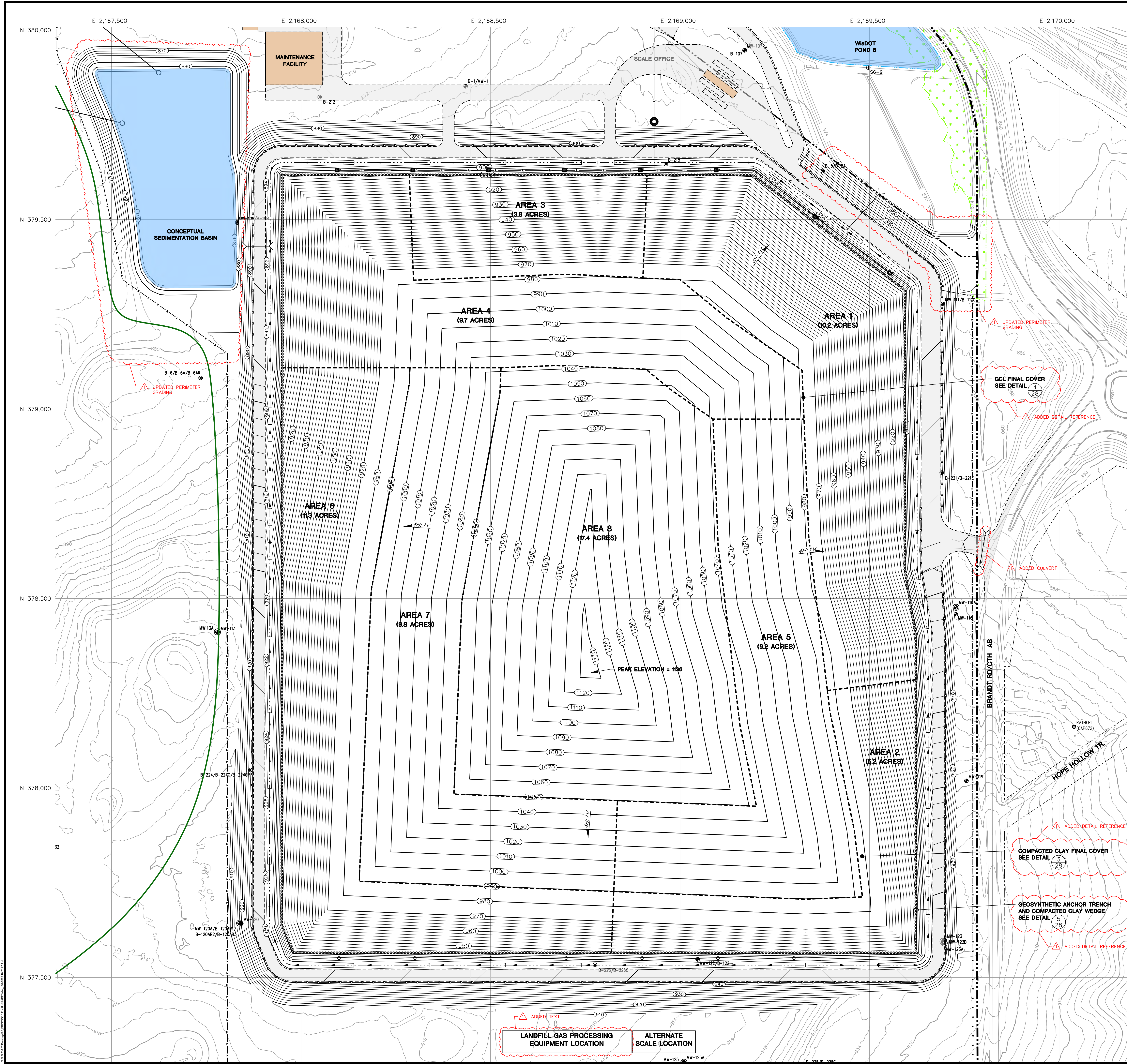
NORTHERN LIMITS OF WASTE MOVED SOUTH TO ACHIEVE 2,000 FOOT MAXIMUM LEACHATE COLLECTION LINE LENGTHS FROM THE ACCESS POINT AT ONE END TO THE OPPOSITE TIE OF SLOPE. SOUTHWEST CORNER OF LIMITS OF WASTE ADJUSTED TO MAINTAIN 1,200 FOOT SEPARATION FROM WATER SUPPLY WELL PW-B.

EASTERN LIMITS OF WASTE MOVED TO THE WEST TO PROVIDE 50-FOOT OFFSET FROM TOE OF PERIMETER BERM TO PROPERTY LINE.

WASTE GRADES MODIFIED TO FIT UPDATED LIMITS OF WASTE.

ADDED PROPOSED GRADING AROUND MODIFIED WADOT POND B AND PROPOSED WESTERN SEDIMENTATION BASIN.

REMOVED THE WORD "ALTERNATE" FROM THE LANDFILL GAS PROCESSING EQUIPMENT LOCATION NOTED AT THE SOUTH END OF THE SITE.



- LEGEND
- PROJECT PROPERTY LINE
 - PROPERTY PARCEL LINE
 - PROPOSED LIMITS OF WASTE
 - PROPOSED CLOSURE AREA LIMIT
 - EXISTING GRADE (2' CONTOUR)
 - EXISTING GRADE (10' CONTOUR)
 - EXISTING PAVED ROAD
 - EXISTING UNPAVED ROAD
 - EXISTING STREAM/EDGE OF WATER
 - EXISTING WETLAND
 - EXISTING WATER SUPPLY WELL (APPROXIMATE LOCATION)
 - EXISTING SOIL BORING
 - EXISTING WATER TABLE MONITORING WELL
 - EXISTING PIEZOMETER
 - EXISTING STAFF GAUGE
 - LIMITS OF PROPOSED 18-HOLE GOLF COURSE
 - PROPOSED LEACHATE COLLECTION LINE CLEANOUT
 - PROPOSED LEACHATE VAULT
 - PROPOSED LEACHATE LINE (GRAVITY OR FORCEMAIN)
 - PROPOSED GRADE (2' CONTOUR)
 - PROPOSED GRADE (10' CONTOUR)
 - PROPOSED SLOPE AND DIRECTION
 - PROPOSED PERIMETER SWALE
 - PROPOSED PERIMETER/ACCESS ROAD
 - PROPOSED CULVERT
 - PRELIMINARY PROPOSED SEDIMENTATION BASIN OUTFALL
 - PRELIMINARY PROPOSED CHAIN LINK FENCE
 - PRELIMINARY PROPOSED GATE LOCATION
 - PRELIMINARY PROPOSED LITTER FENCE

- NOTES:
- SEE SHEET 2, EXISTING CONDITIONS, FOR ADDITIONAL LEGEND ITEMS AND BASE MAP NOTES.
 - PROPOSED CONTOURS WITHIN LIMITS OF WASTE REPRESENT TOP OF FINAL COVER GRADES. ABOVE ELEVATION 970, ONLY 10' CONTOURS ARE SHOWN FOR CLARITY.
 - FINAL COVER SEQUENCING IS PRELIMINARY AND WILL BE FURTHER DEFINED AS PART OF THE PLAN OF OPERATION.
 - BUILDINGS SHOWN ARE CONCEPTUAL AND WILL BE FINALIZED AS PART OF THE PLAN OF OPERATION.

NORTHERN LIMITS OF WASTE MOVED SOUTH TO ACHIEVE 2,000 FOOT MAXIMUM LEACHATE COLLECTION LINE LENGTHS FROM THE ACCESS POINT AT ONE END TO THE OPPOSITE TOE OF SLOPE. SOUTHWEST CORNER OF LIMITS OF WASTE ADJUSTED TO MAINTAIN 1,200 FOOT SEPARATION FROM WATER SUPPLY WELL PW-B.

EASTERN LIMITS OF WASTE MOVED TO THE WEST TO PROVIDE 50-FOOT OFFSET FROM TOE OF PERIMETER BERM TO PROPERTY LINE.

FINAL GRADES MODIFIED TO FIT UPDATED LIMITS OF WASTE.

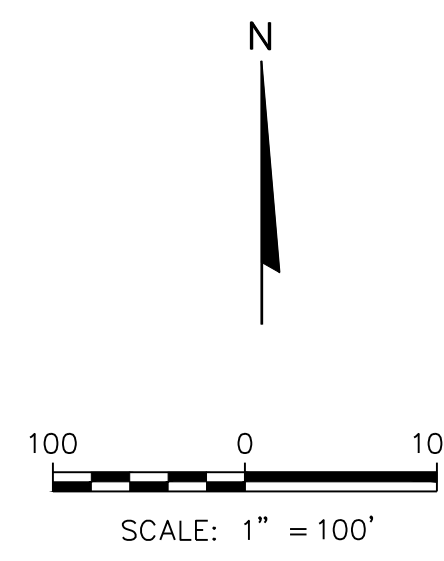
ADDED PROPOSED GRADING AROUND MODIFIED WISDOT POND B AND PROPOSED WESTERN SEDIMENTATION BASIN.

REMOVED THE WORD "ALTERNATE" FROM THE LANDFILL GAS PROCESSING EQUIPMENT LOCATION NOTED AT THE SOUTH END OF THE SITE.

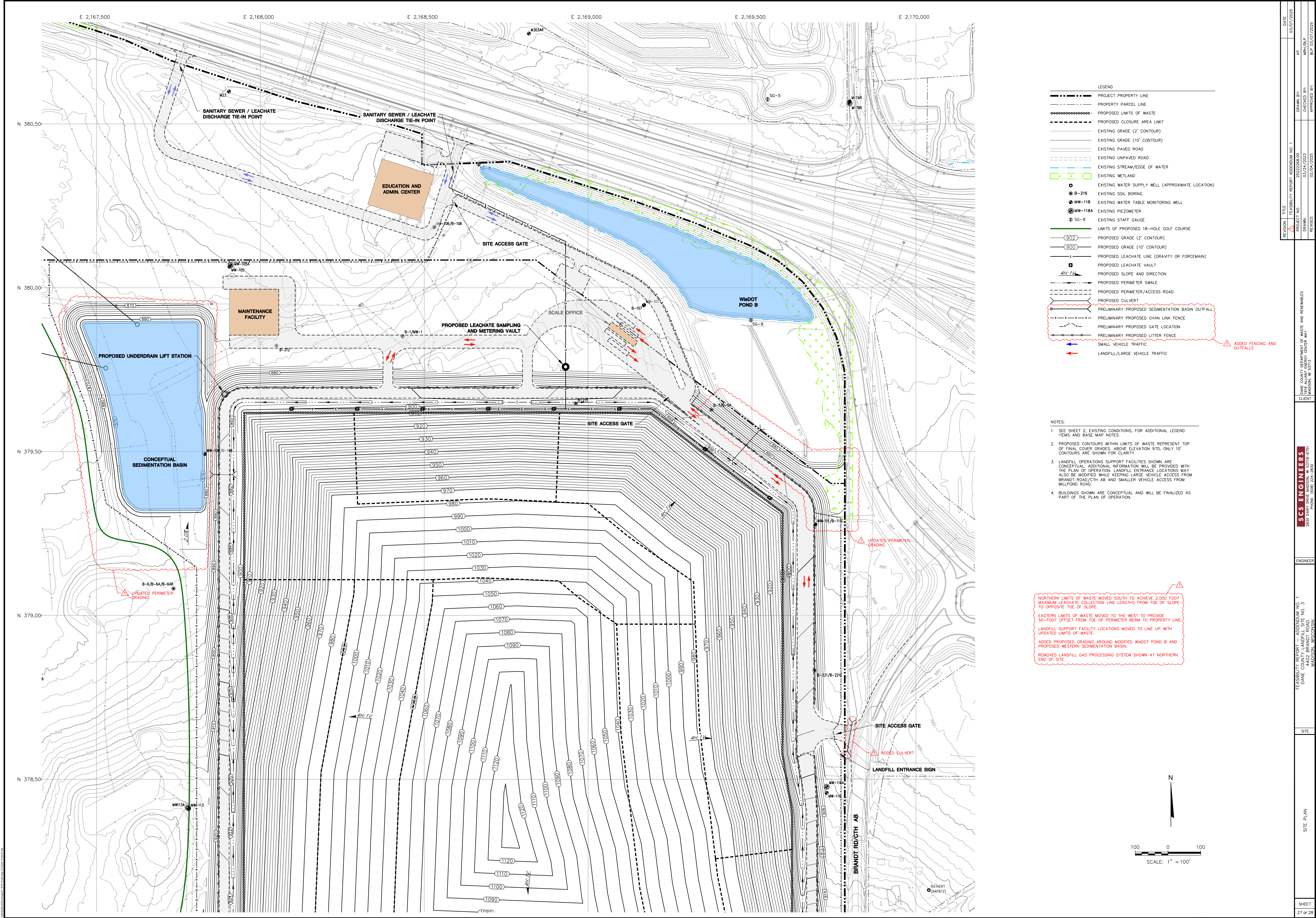
ADDED TEXT

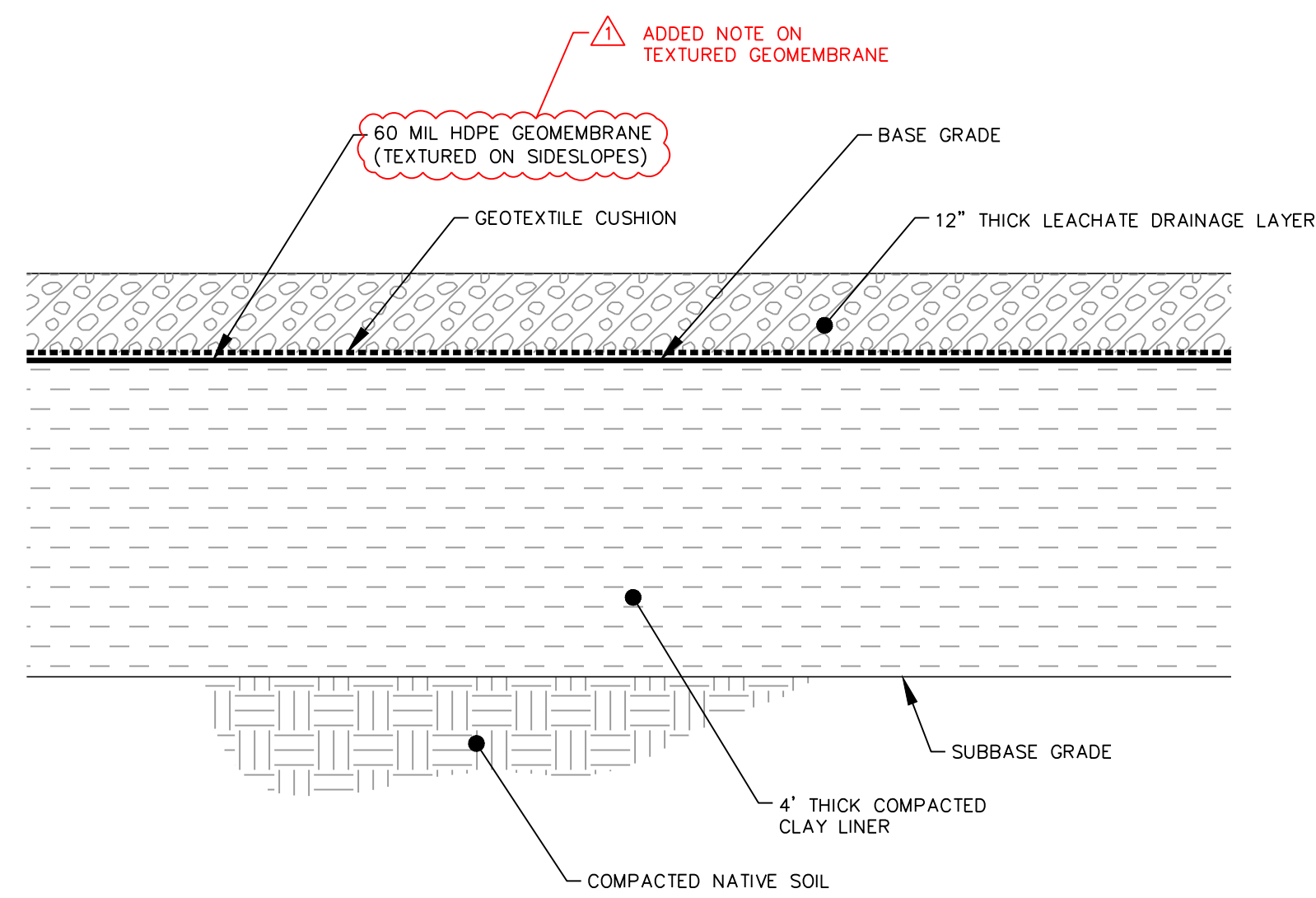
LANDFILL GAS PROCESSING EQUIPMENT LOCATION

ALTERNATE SCALE LOCATION



REVISION	TITLE	DATE
1	FEASIBILITY REPORT ADDENDUM NO. 1	03/07/2025
2	PROJECT NO. 2522268.00	03/07/2025
3	DRAWN BY: MWP/BEP	03/07/2025
4	CHECKED BY: MWP/BEP	03/07/2025
5	APPROVED BY: MWP/BEP	03/07/2025
6	REVIEWED BY: MWP/BEP	03/07/2025
7	CLIENT: DANE COUNTY DEPARTMENT OF WASTE AND RENEWABLES 1919 ALBANY DRIVE MADISON, WI 53713	
8	ENGINEER: SCS ENGINEERS 2830 DARY DRIVE MADISON, WI 53718-6725 PHONE (608) 224-2830	
9	SITE: PROPOSED FINAL GRADES	
10	SHEET: 26 OF 28	

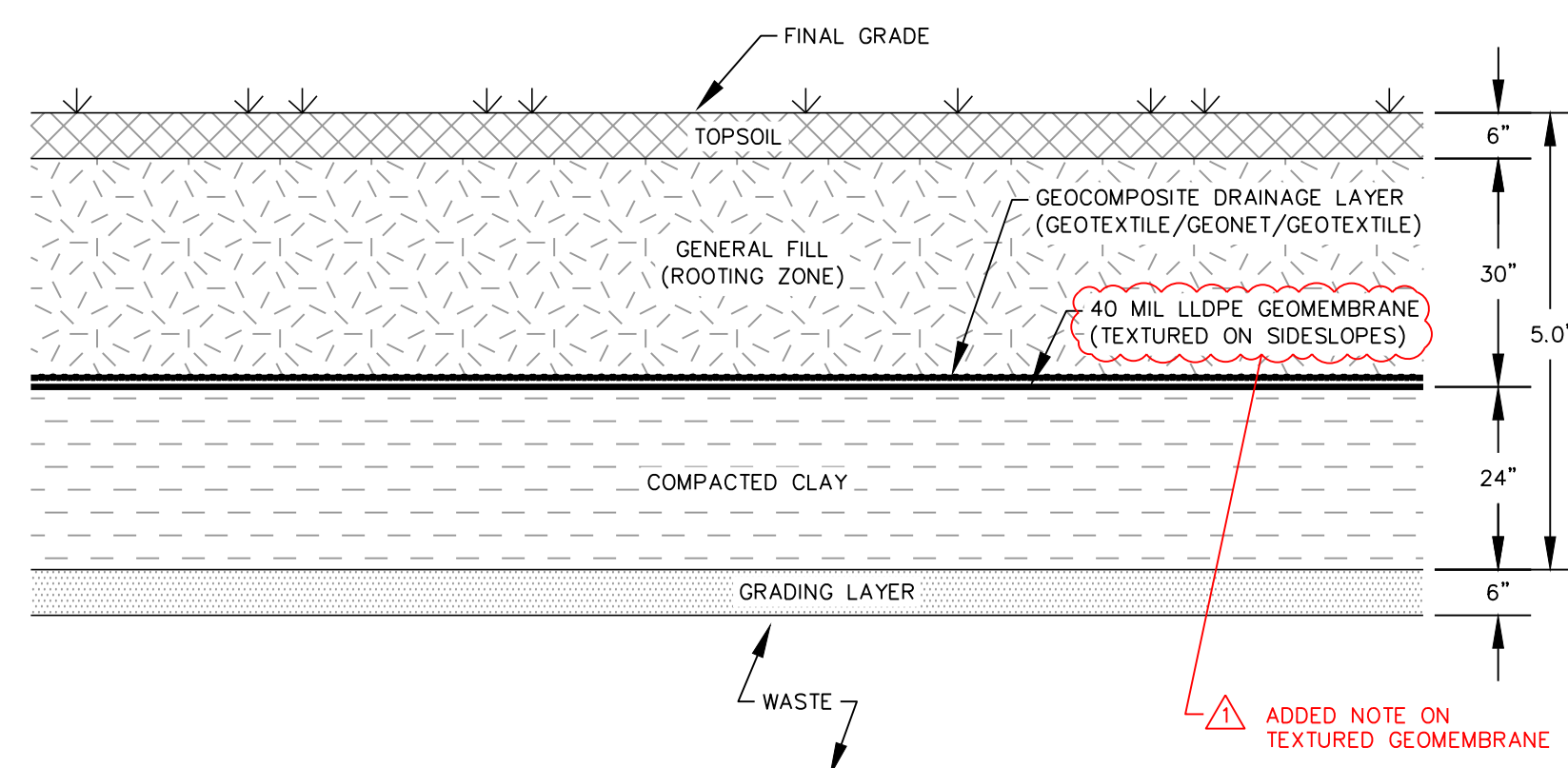




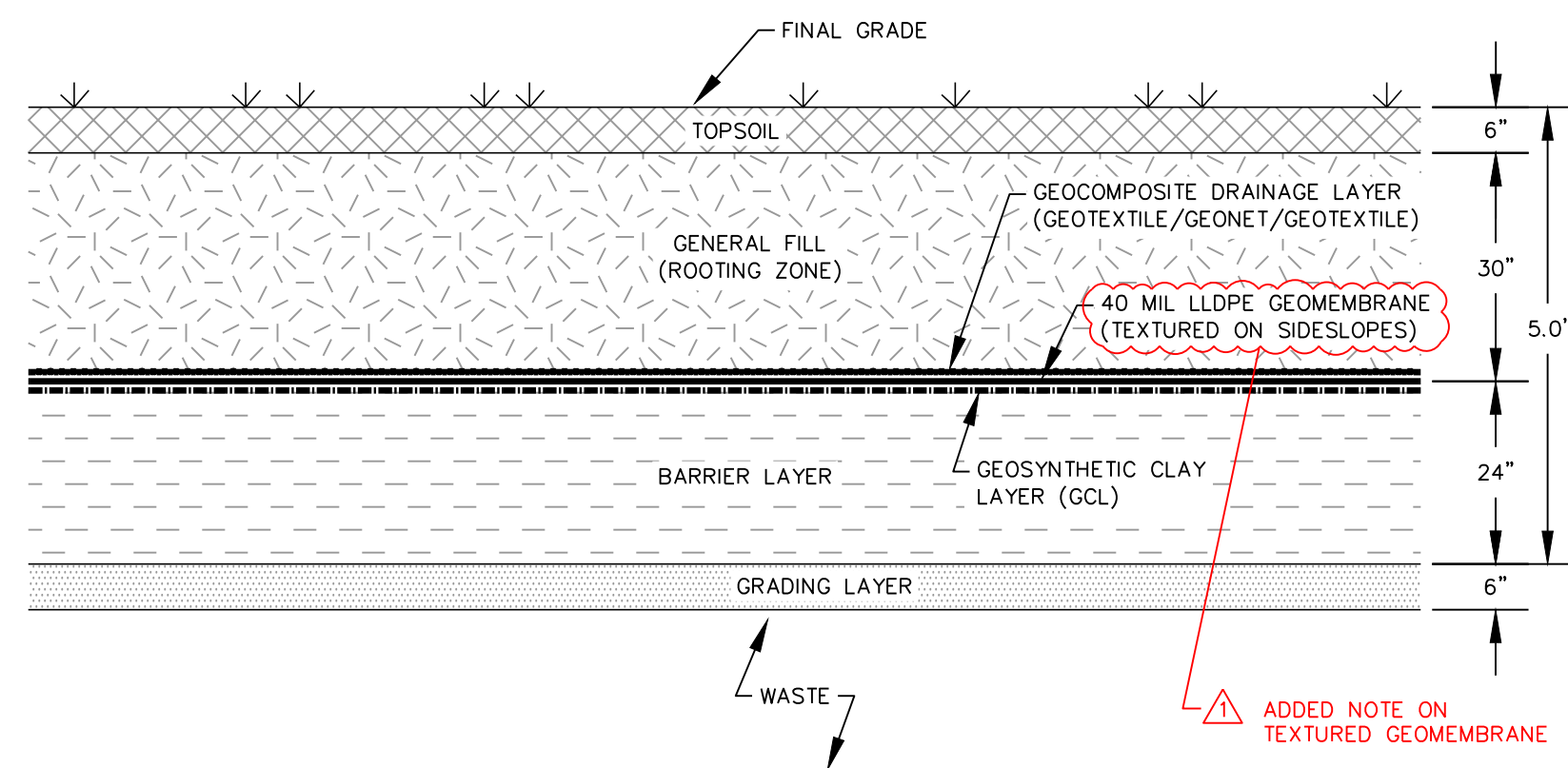
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COMPOSITE LINER

SCALE: 1" = 2'

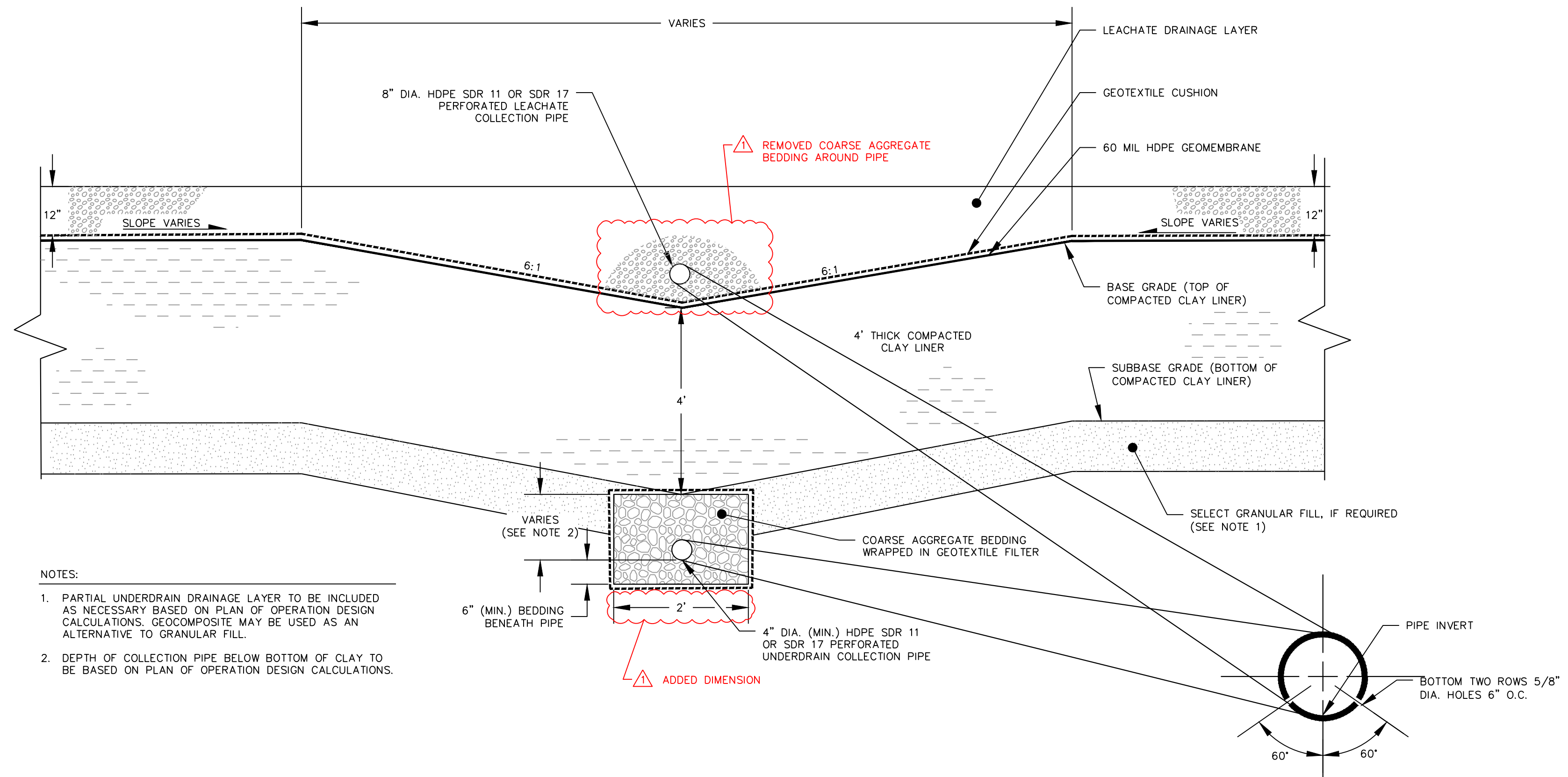


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28 **COMPACTED CLAY FINAL COVER**
SCALE: 1" = 2'

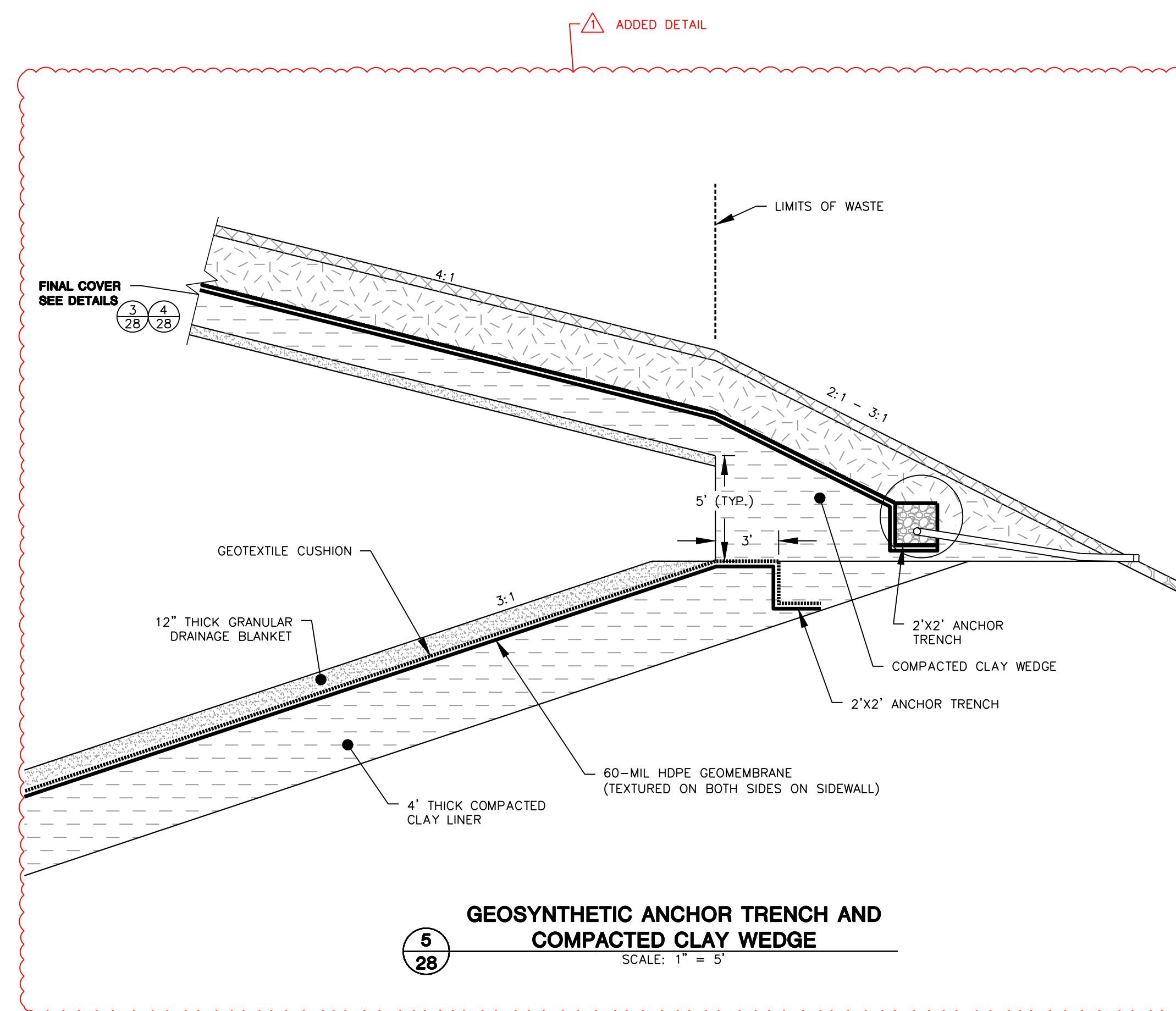


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GCL FINAL COVER
SCALE: 1" = 2'



**COMPOSITE LINER/ LEACHATE
COLLECTION AND UNDERDRAIN SYSTEM**
(NOT TO SCALE)



**GEOSYNTHETIC ANCHOR TRENCH AND
COMPACTED CLAY WEDGE**

SCALE: 1" = 5'