

DANE COUNTY NO. 2 (RODEFELD) LANDFILL

PHASE 9 - CELL 1 LINER CONSTRUCTION

PREPARED FOR: DANE COUNTY DEPARTMENT OF PUBLIC WORKS

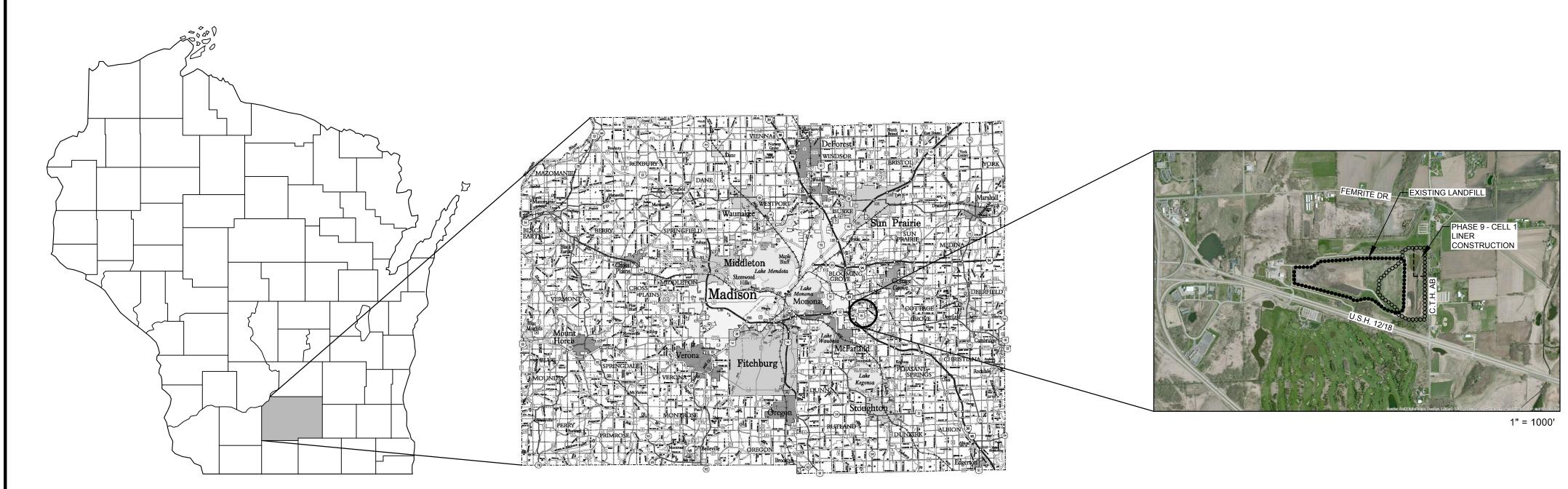
SOLID WASTE DIVISION

DANE COUNTY, WISCONSIN

PREPARED BY: TRC ENVIRONMENTAL CORPORATION

MADISON, WISCONSIN

DATE: FEBRUARY 2014



<u>INDEX</u>

SHEET	SHEET
NUMBER	TITLE
_	

- 1 TITLE SHEET
- 2 STANDARD LEGEND AND GENERAL NOTE:
- 3 EXISTING CONDITIONS MAP
- SUBBASE GRADES / GROUNDWATER GRADIENT CONTROL SYSTEM
- 5 BASE GRADES / LEACHATE COLLECTION SYSTEM

DETAILS - LEACHATE COLLECTION SUMP

- 6 DETAILS LINER AND LEACHATE COLLECTION
- 7 DETAILS LEACHATE VAULT AND LEACHATE COLLECTION
- 9 DETAILS TIE-IN TO EXISTING LEACHATE TRANSFER SYSTEM
- 5 DETAILS TIE-IN TO EXISTING LEAGUATE TRANSPER OF ST
- 10 DETAILS SEDIMENTATION BASIN
- 11 DETAILS MISCELLANEOUS
- 2 EROSION CONTROL / SITE RESTORATION PLAN
- 13 DETAILS EROSION CONTROL

WISCONSIN DANE COUNTY SITE LOCATOR

NOTE: THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO COMMENCING WORK ON THIS CONTRACT, IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.

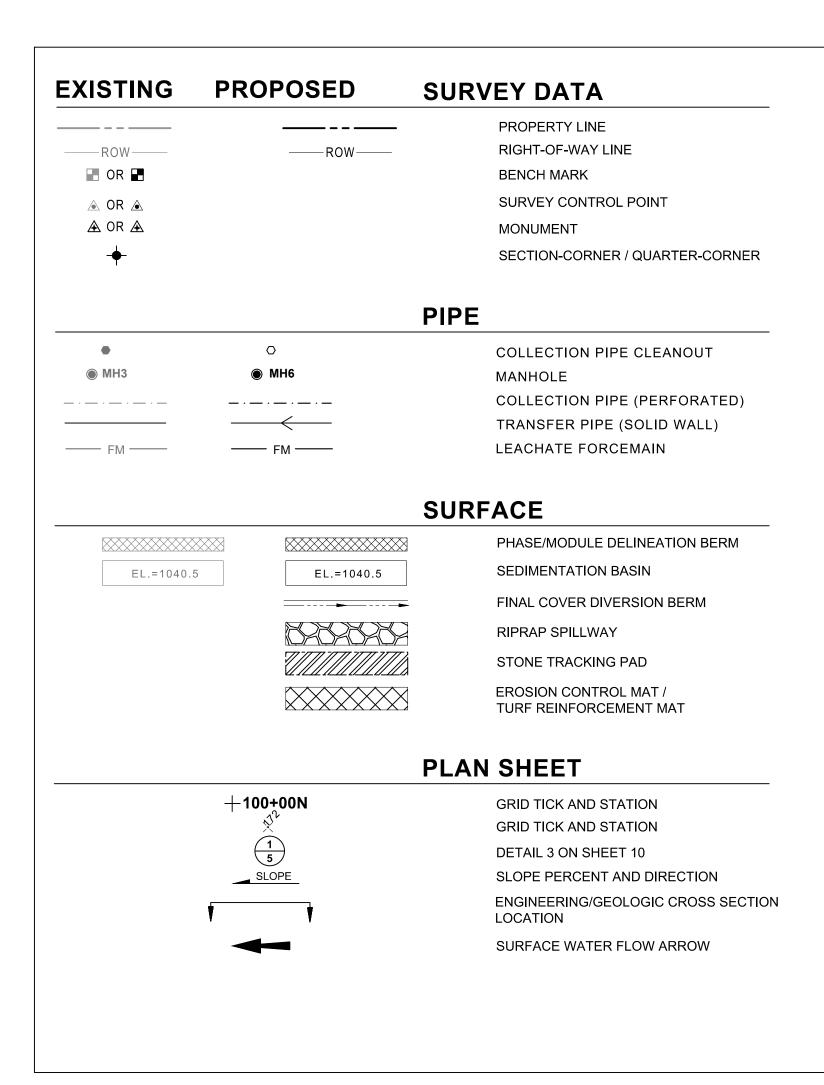
NOTE: THESE PLANS ARE ACCOMPANIED BY A PROJECT MANUAL OF THE SAME TITLE.
THESE DOCUMENTS ARE INTERRELATED AND ARE INTENDED TO BE USED





STANDARD LEGEND

XISTING	DESIGN	ROADWAYS
		GRAVEL
		PAVED
 	+++++++++++++++++++++++++++++++++++++++	RAILROAD
		CENTERLINE
		WALKS/DRIVES
		WALLS/FENCES
-OO-	-	EARTH WALL FENCE LINE
		CONTOURS
1050	1050	INDEX CONTOUR (10' INTERVAL)
		INTERMEDIATE CONTOUR (2' INTERVAL) DEPRESSION
X 1055	X 1055	SPOT ELEVATION
		TREES
*		DECIDUOUS
*	**	CONIFER BUSH
	. ~ .	TREE LINE AND/OR BUSH
		WATER
		BODIES OF WATER
		RIVER/STREAMS
		INTERMITTENT STREAM
		DITCH WITH FLOW AND DIRECTION
		BRIDGE
		CULVERT EDGE OF WATER / APPROXIMATE LIMITS OF WET ARE
(<u>_</u> #		AREA CONTAINING WETLAND VEGETATION
		BUILDING
		BUILDING
		FEATURES
● OR ●	0	WATER TABLE WELL
OR	\oplus	SOIL BORING
■ OR ■		TEST PIT
OR OR	©	PIEZOMETER
① OR ①	•	STAFF GAUGE
OR		PRIVATE WELL
	\bowtie	LEACHATE HEAD WELL
▲ OR ▲ • OR •	<u>Ф</u>	LEACHATE HEAD WELL MONITORING PORT GAS VENT
OR X	× ₩	GAS MONITORING PROBE
OR X	\boxtimes	LYSIMETER
□ SEPC		SEPTIC COVER SEPTIC VENT
Ø		ABANDONED PRIVATE WELL
,		ABANDONED MONITORING WELL ABANDONED PIEZOMETER
,		UTILITIES
STM	STM	STORM SEWER LINE
	—— SAN ——	SANITARY SEWER LINE
	—— UE———	UNDERGROUND ELECTRIC
— Е ——	— Е——	ELECTRICAL WIRES
	—— UT ——	UNDERGROUND TELEPHONE
	— т ——	TELEPHONE
	—— C ———	CABLE
	—— W——— —— G———	WATER
— G——	<u>G</u>	GAS LIGHT POLE BASE
Υ		
		LIMITS OF COMPOSITE LINER CONSTRUCTION
	SF	SEDIMENT CONTAINMENT FENCE
••••••	-00000000000000000000000000000000000000	LIMITS OF WASTE
		PHASE / MODULE LINE
	********	APPROXIMATE LIMITS OF CONSTRUCTION
		SEDIMENT EROSION CONTROL LOGS



STANDARD NOTES

NOTES

- 1. TOPOGRAPHIC INFORMATION WAS DEVELOPED BY SPLICING THE FEBRUARY 4, 2014 AECOM GROUND SURVEY (IN THE AREA SOUTH OF PHASE 9 CELL 1) INTO THE APRIL 2, 2013 KBM, INC. AERIAL SURVEY. ADDITIONAL TOPOGRAPHIC INFORMATION OUTSIDE OF APRIL 2, 2013 KBM, INC. AERIAL SURVEY WAS OBTAINED FROM: DANE COUNTY LAND INFORMATION OFFICE MADISON, WI., TWO-FOOT CONTOURS DATED 2009.
- 2. HORIZONTAL DATUM IS BASED ON NAD27 WISCONSIN STATE PLANE COORDINATE SYSTEM.
- 3. VERTICAL DATUM IS REFERENCED TO USGS MEAN SEA LEVEL (M.S.L.) DATUM. THE TOPOGRAPHIC CONTOUR INTERVAL IS TWO FEET.

HORIZONTAL AND VERTICAL CONTROL POINT LOCATIONS							
NAME	NORTHING STATE PLANE (FEET)	EASTING STATE PLANE (FEET)	ELEVATION (FT-MSL)				
B-1	381,000.00	2,199,800.00	901.440				
B-2	381,900.00	2,201,250.00	907.350				
B-3	382,700.00	2,201,250.00	880.750				
B-4	382,700.00	2,200,600.00	877.930				
B-5	382,700.00	2,199,800.00	869.000				
B-6	382,700.00	2,199,000.00	861.450				

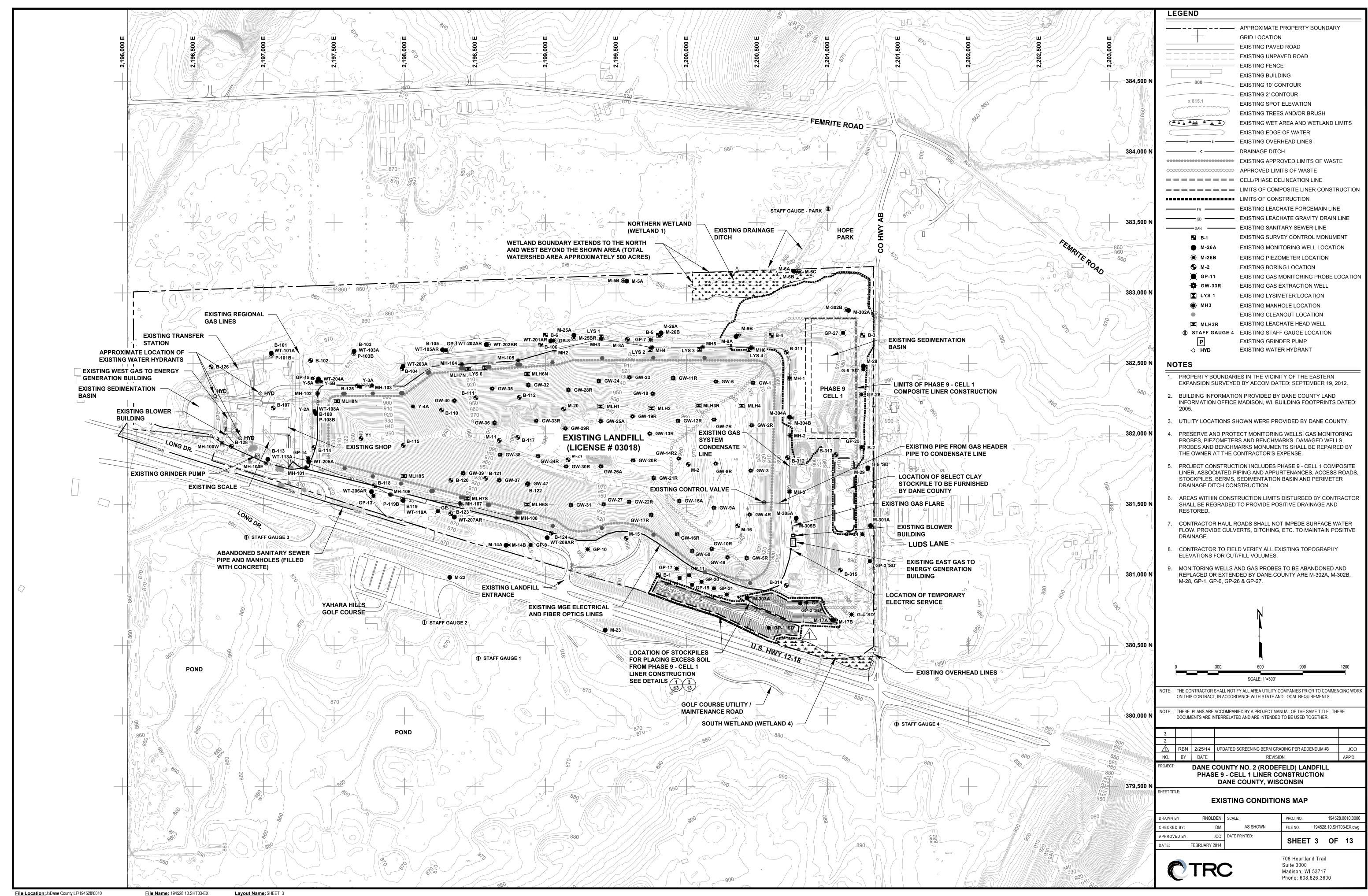
	LOCAL REQUIREMENTS.								
TE:	TE: THESE PLANS ARE ACCOMPANIED BY A PROJECT MANUAL OF THE SAME TITL THESE DOCUMENTS ARE INTERRELATED AND ARE INTENDED TO BE USED TOGETHER.								
Э.	BY	DATE		REVISION					
PHASE 9 - CELL 1 LINER CONSTRUCTION DANE COUNTY, WISCONSIN ET TITLE: STANDARD LEGEND AND GENERAL NOTES									
WN BY:		RNOLDE	EN	SCALE:	PROJ. NO. 194528.	0010.000			
CKEI	D BY:		OM	NONE	FILE NO. 194528.10.SHT0	2-LG.dwg			
ROVI	ED BY:	JC	co	DATE PRINTED:	CUEET 2 OF	12			
E:	FE	BRUARY 20	14		SHEET 2 OF	13			
	-				708 Heartland Trail				

NOTE: THE CONTRACTOR SHALL NOTIFY ALL AREA UTILITY COMPANIES PRIOR TO

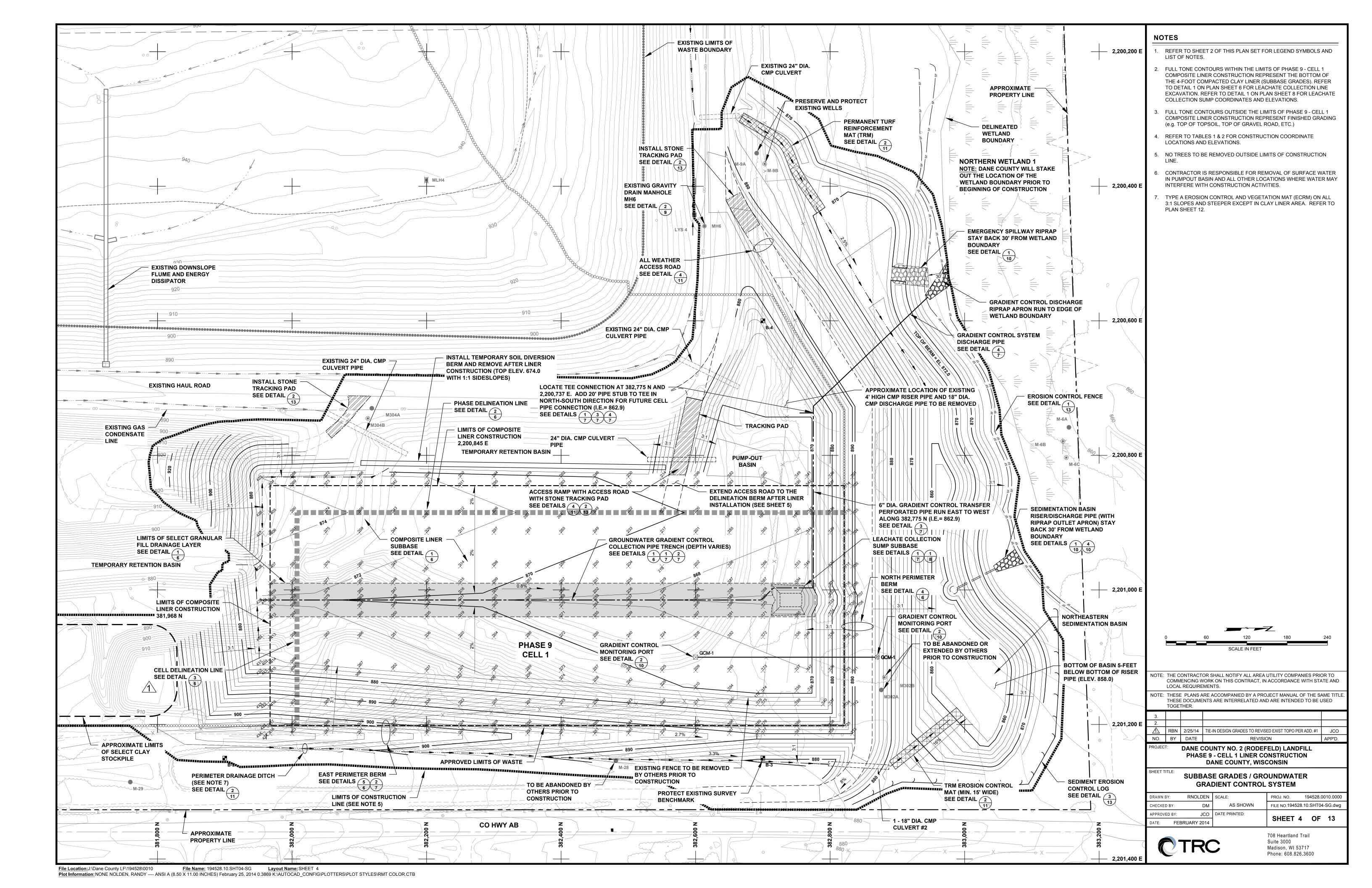
COMMENCING WORK ON THIS CONTRACT, IN ACCORDANCE WITH STATE AND

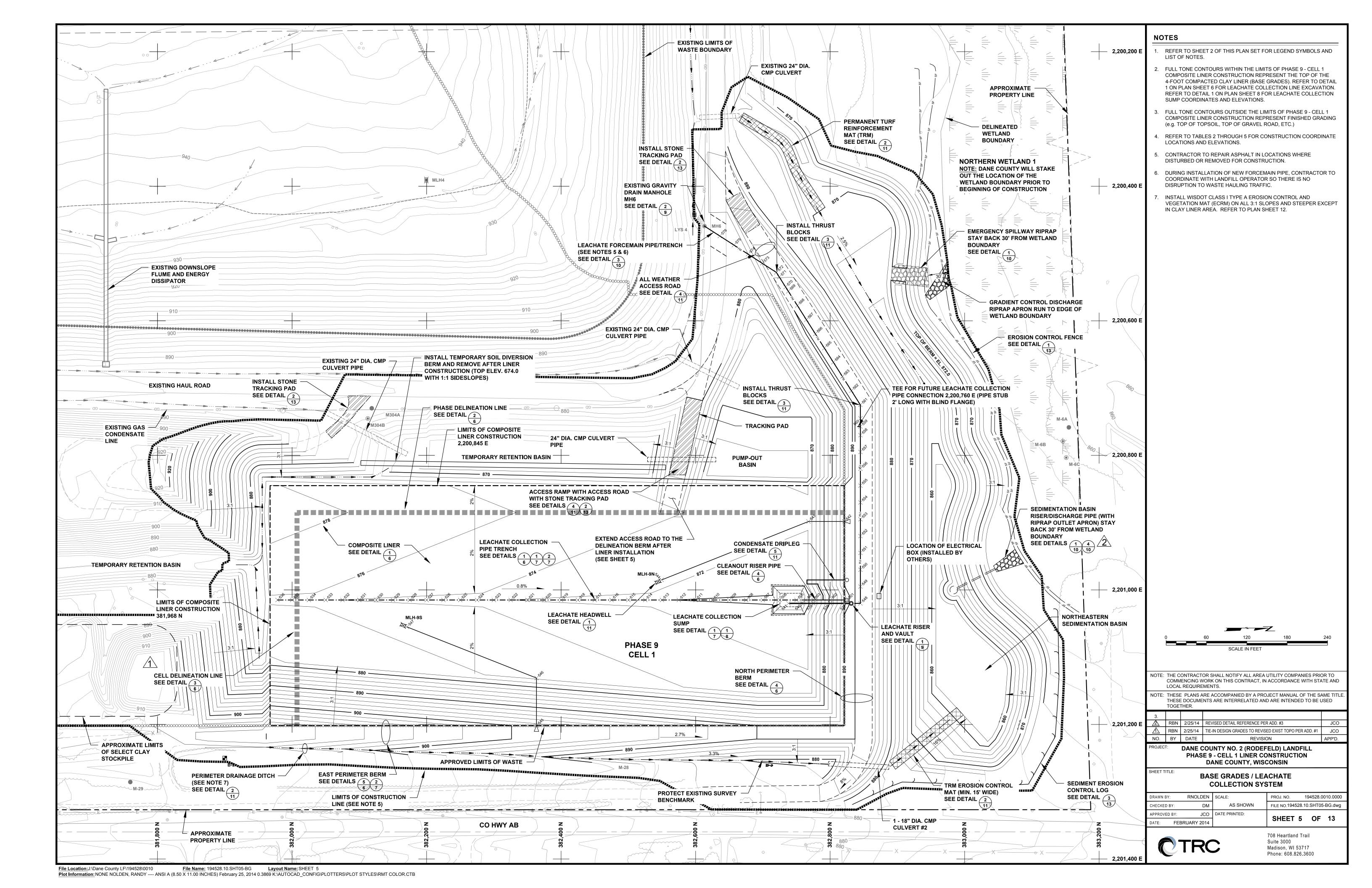


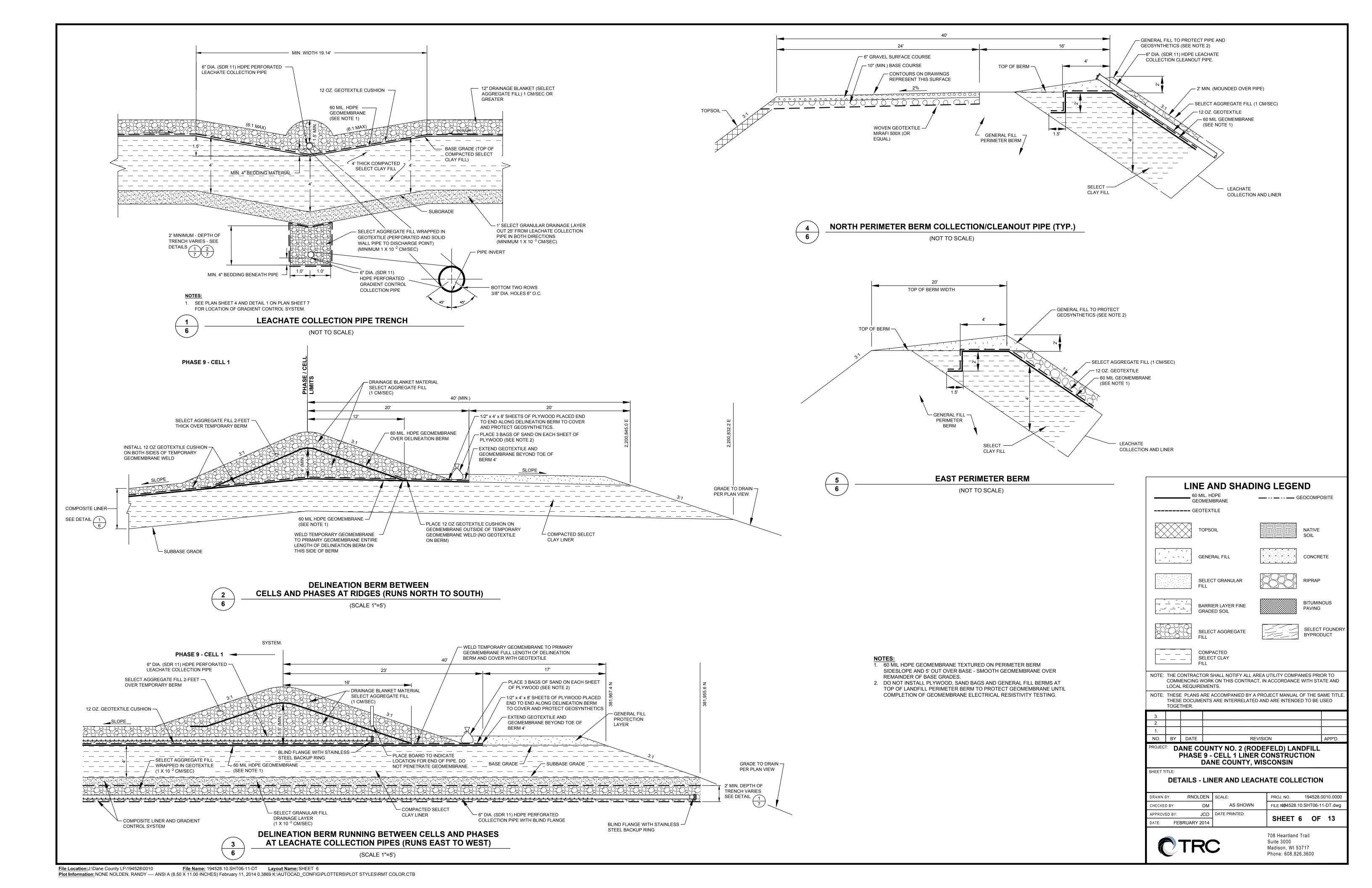
708 Heartland Trail Suite 3000 Madison, WI 53717 Phone: 608.826.3600

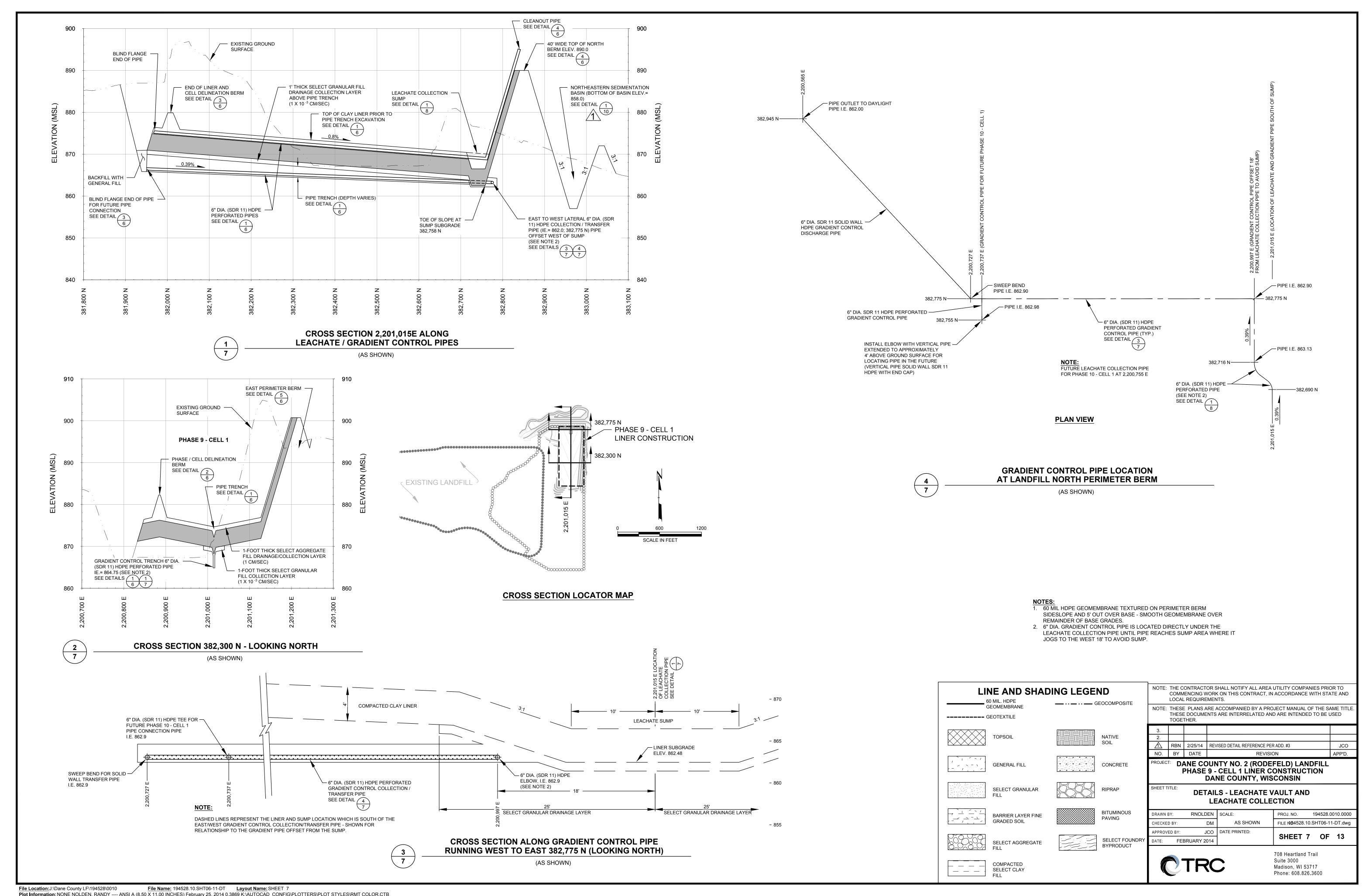


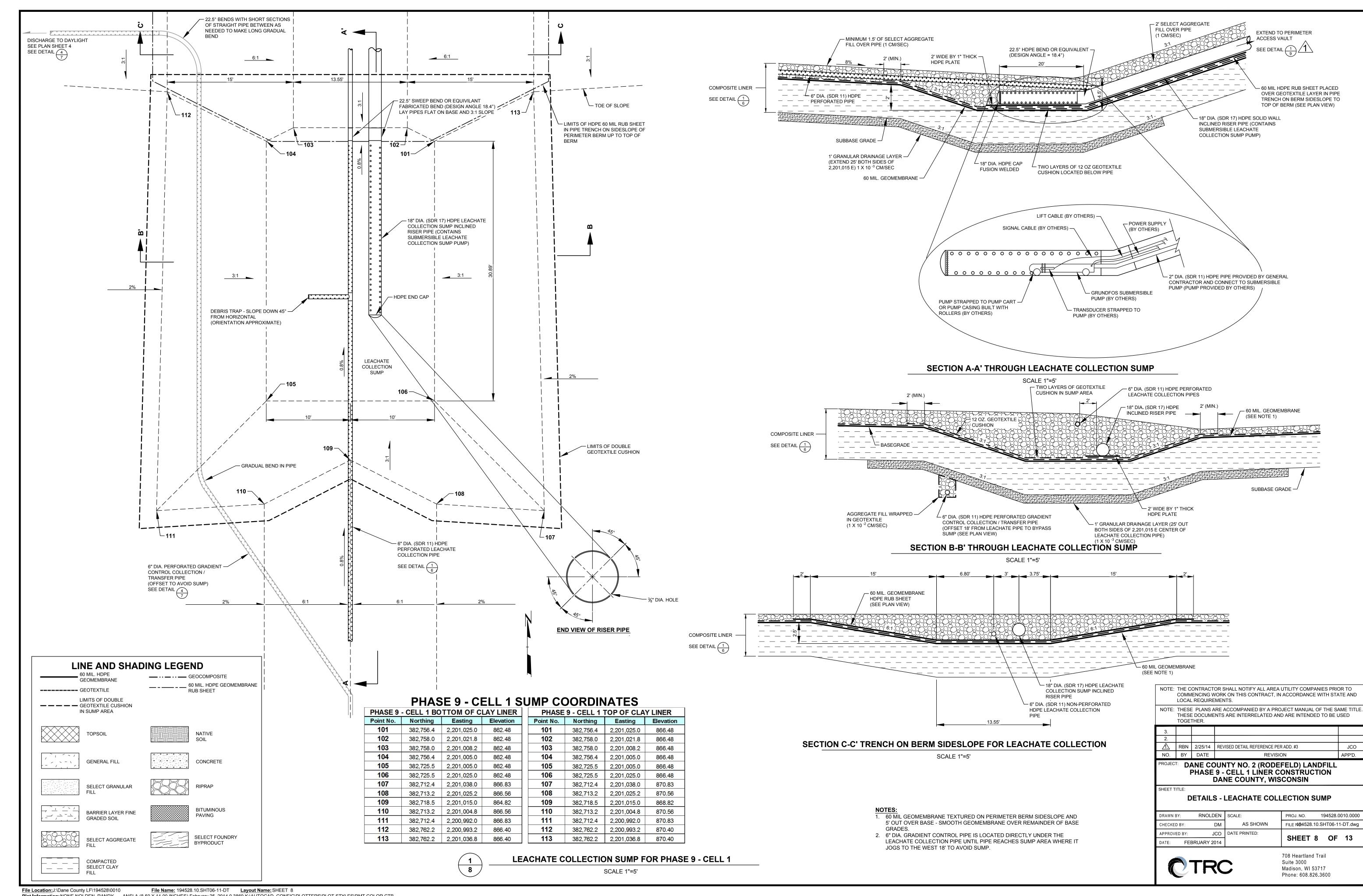
Plot Information: NONE NOLDEN, RANDY ---- ANSI A (8.50 X 11.00 INCHES) February 25, 2014 0.3869 K:\AUTOCAD_CONFIG\PLOTTERS\PLOT STYLES\RMT COLOR.CTB

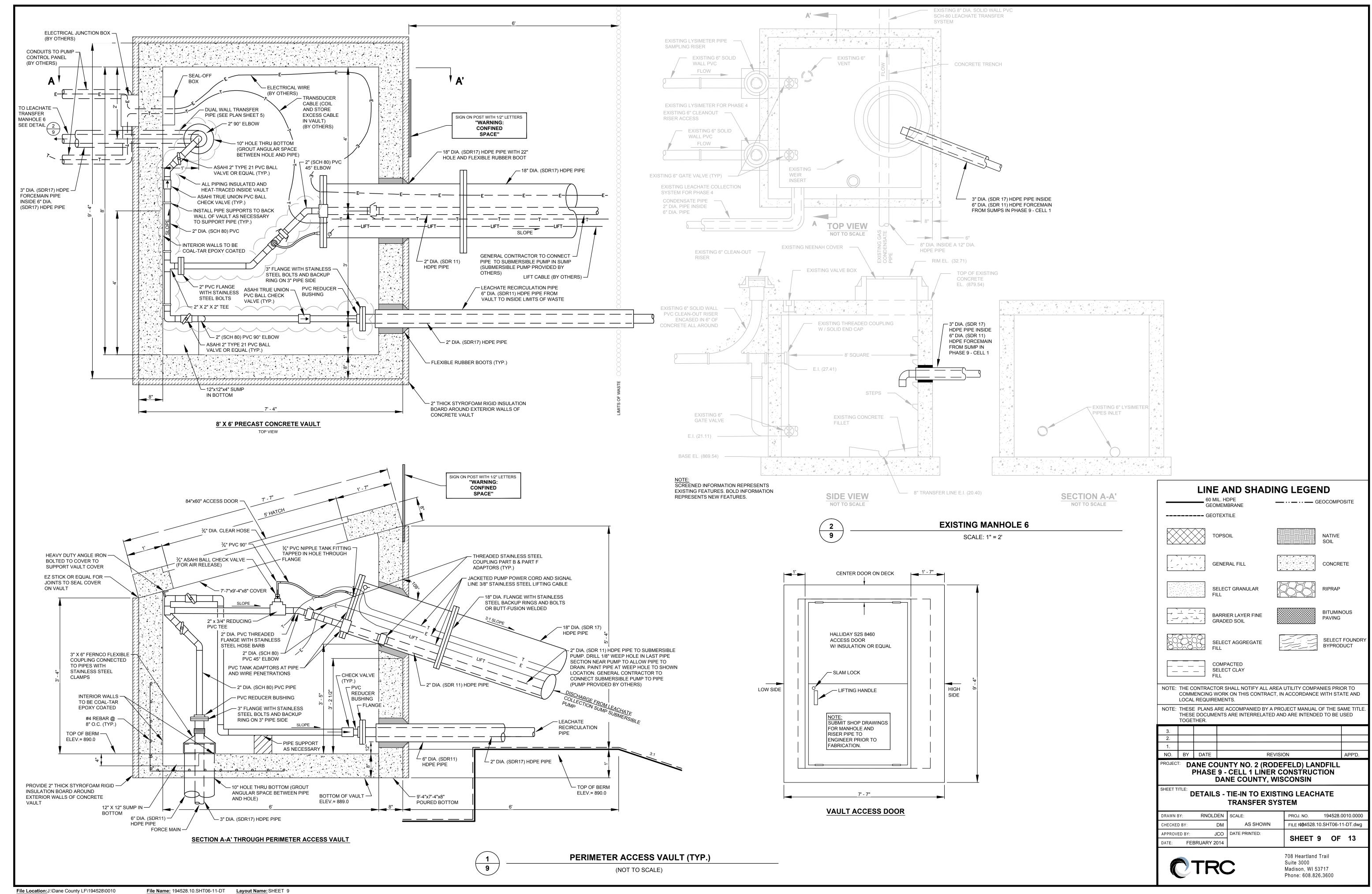


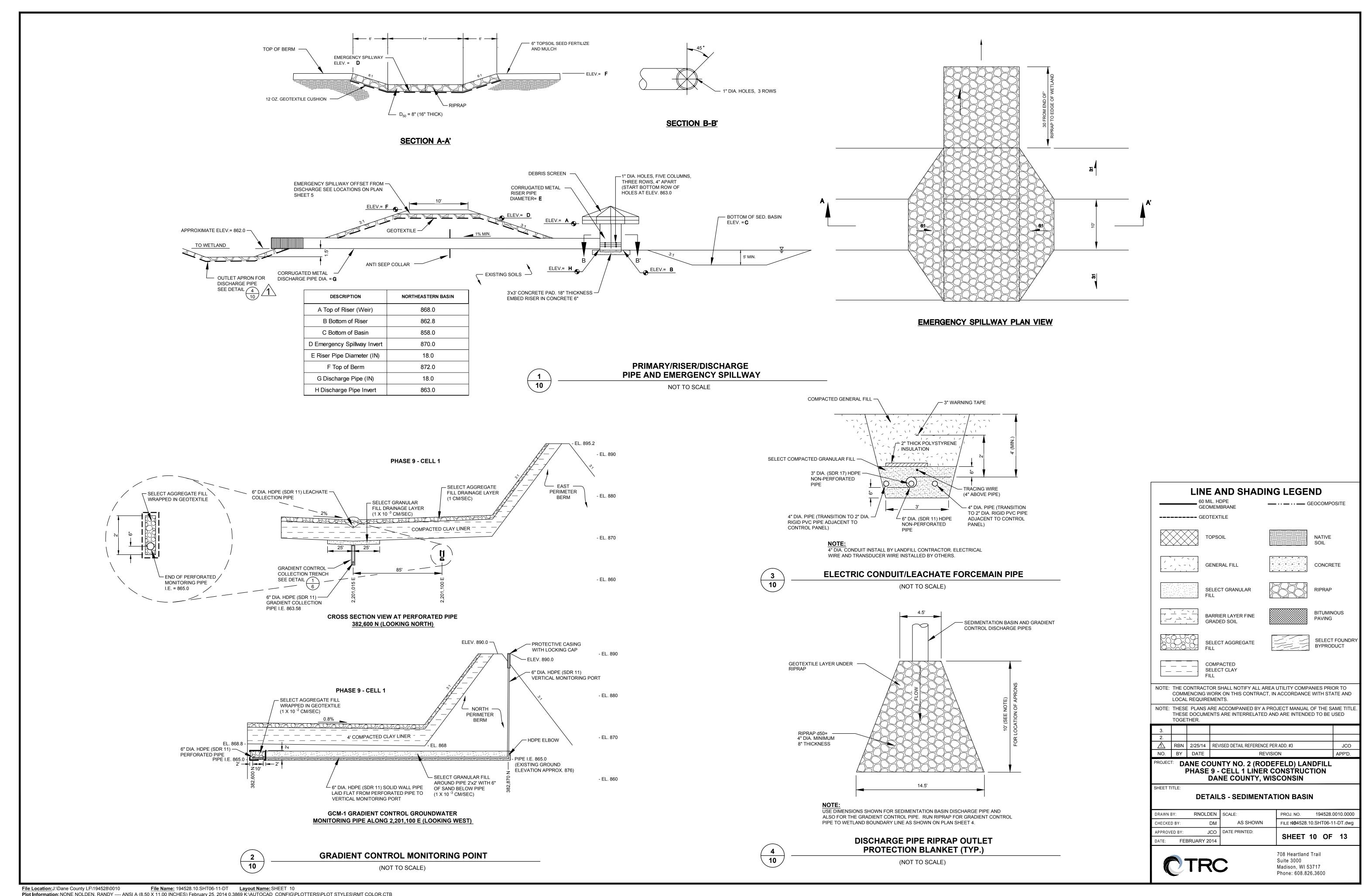


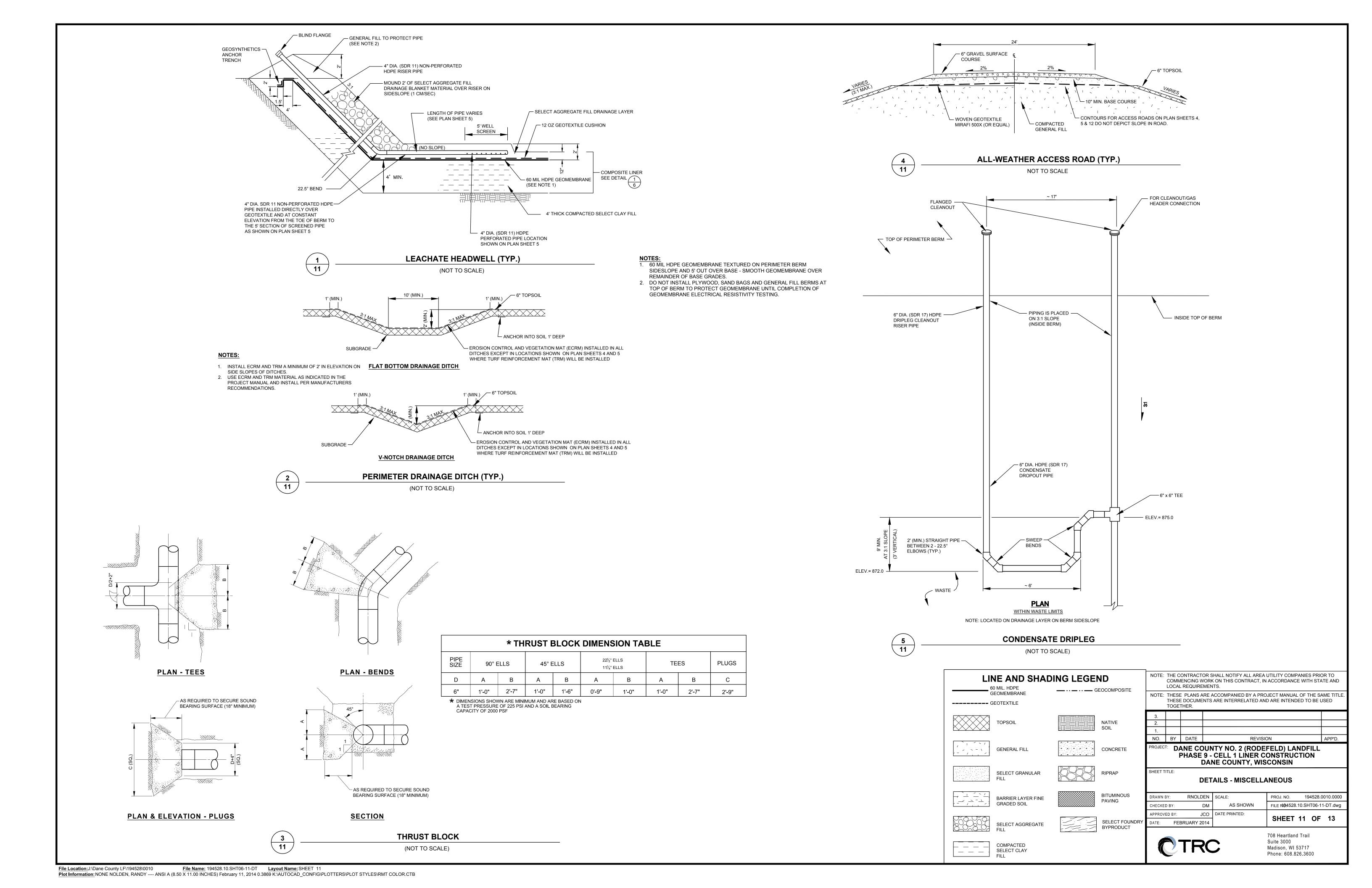


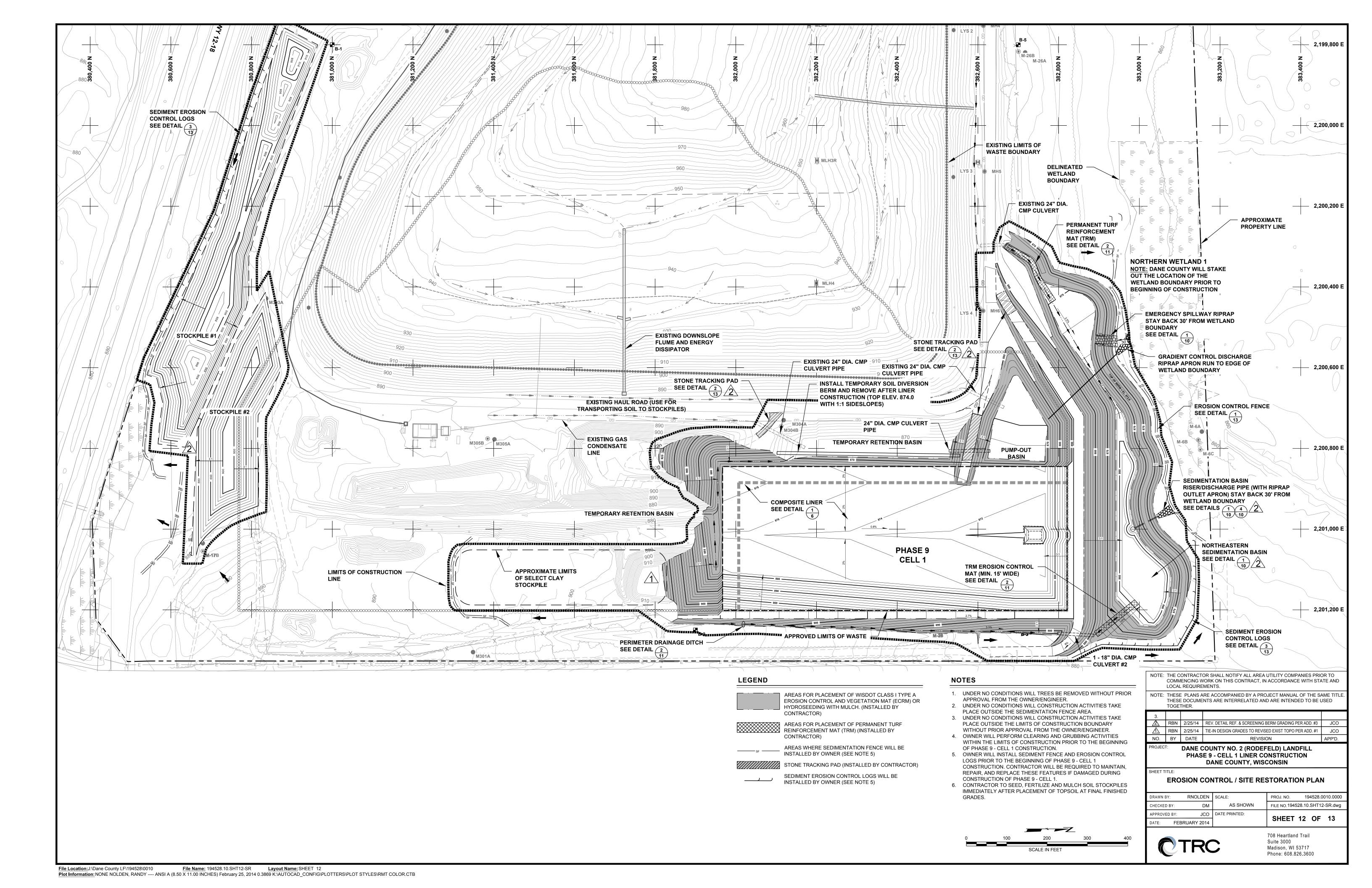


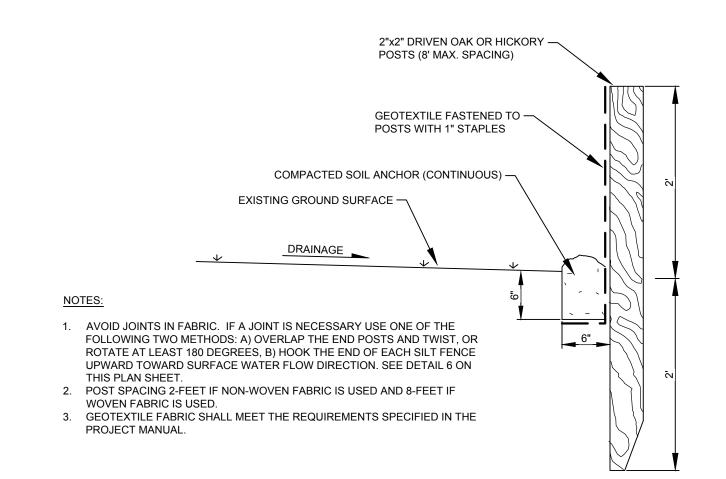




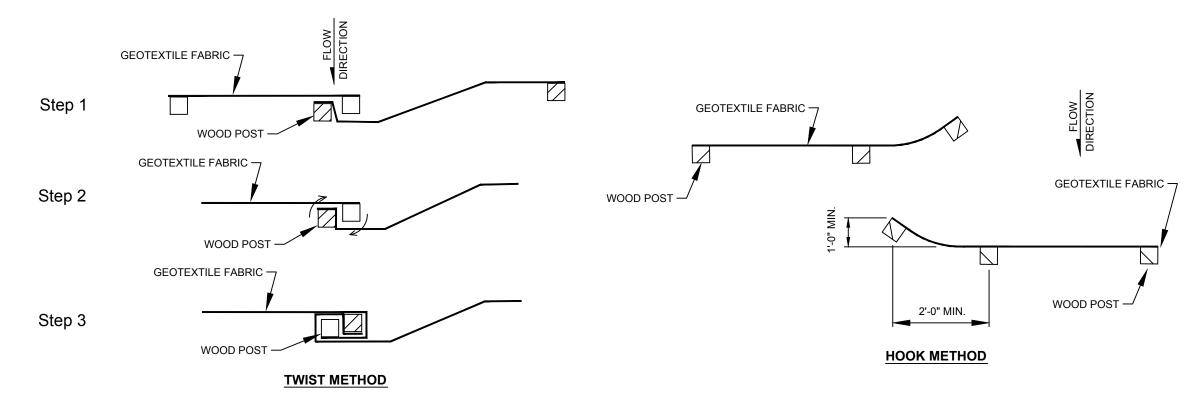








CROSS SECTION VIEW

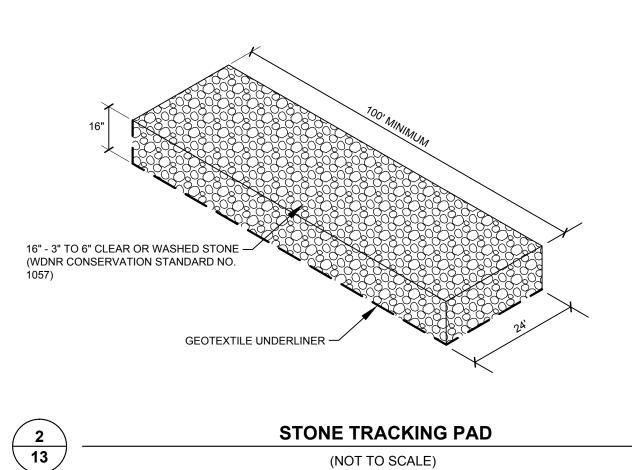


JOINING TWO LENGTHS OF SILT FENCE

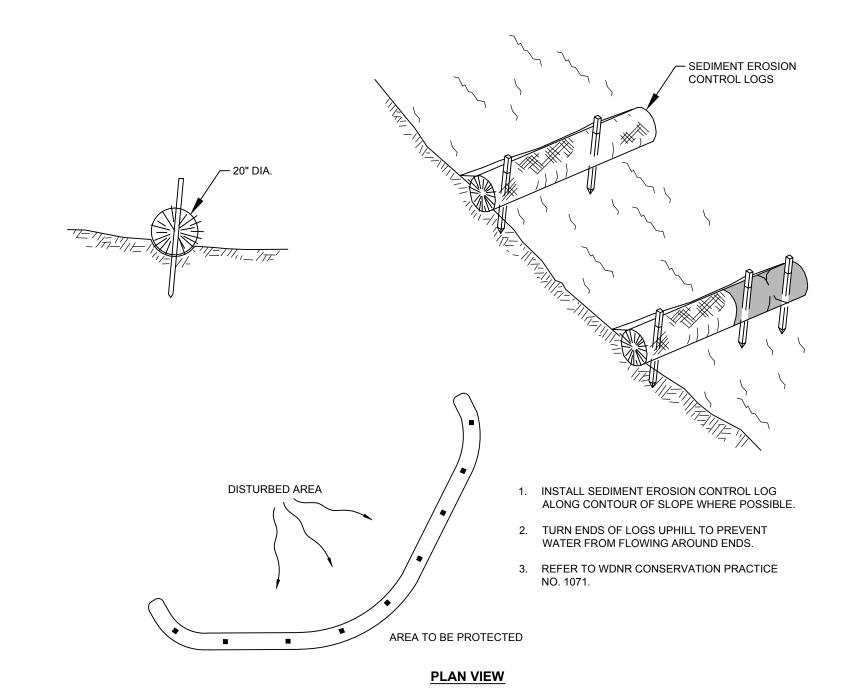


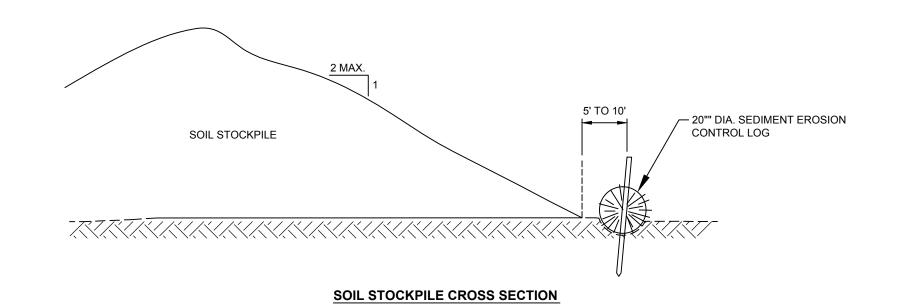
EROSION CONTROL FENCE (INSTALLED BY OTHERS MAINTAINED BY CONTRACTOR)

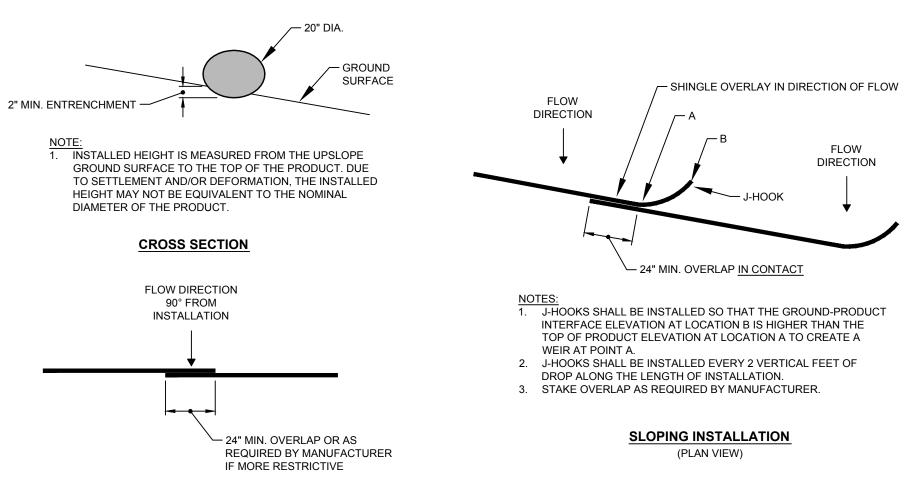
(NOT TO SCALE)



(NOT TO SCALE)







TYPICAL INSTALLATION (PLAN VIEW)

13

SEDIMENT EROSION CONTROL LOGS (INSTALLED BY OTHERS MAINTAINED BY CONTRACTOR)

(NOT TO SCALE)

