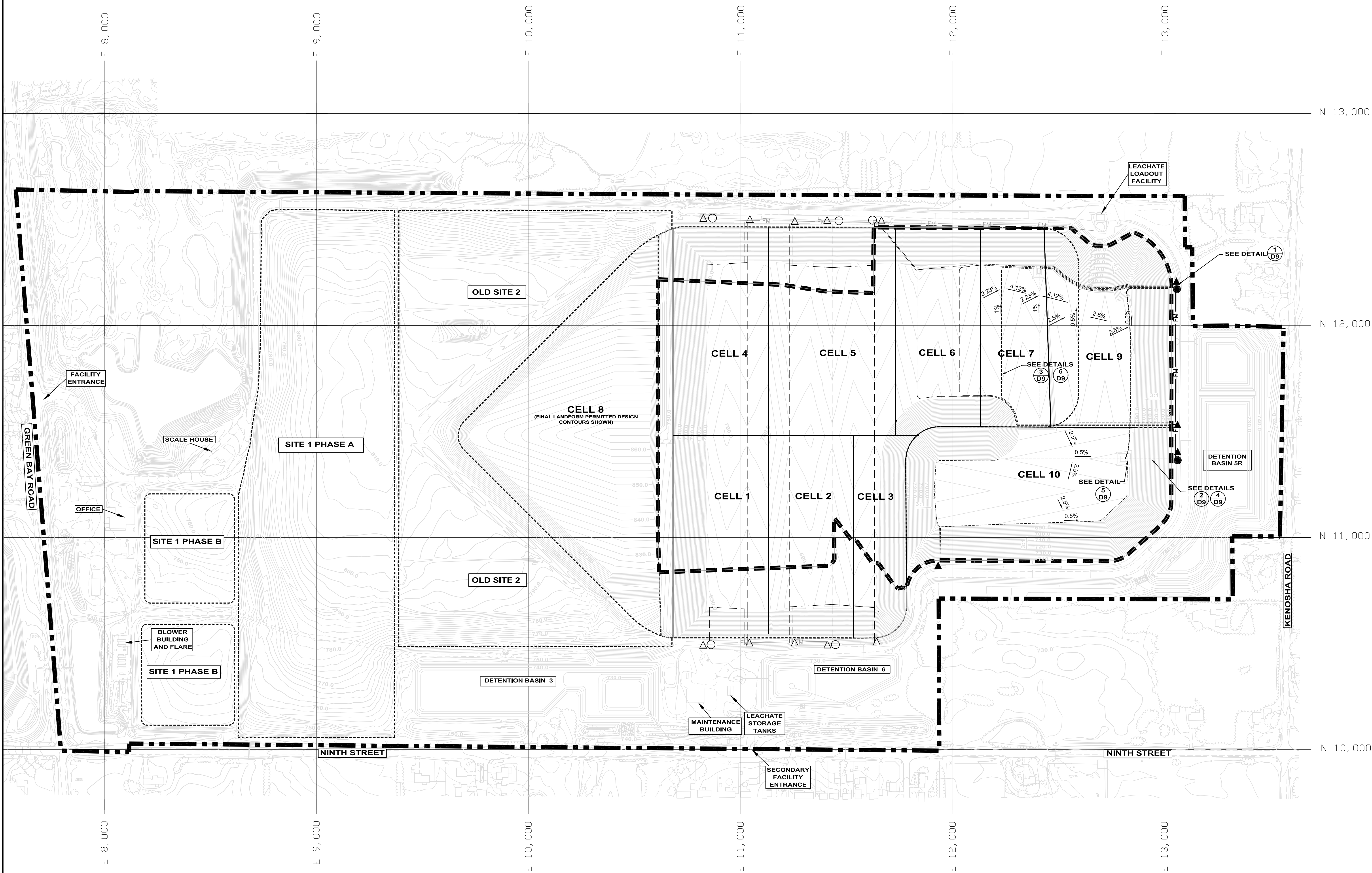


LEGEND

- APPROXIMATE PROPOSED FACILITY BOUNDARY
- - - PROPOSED EXPANSION WASTE AREA
- - - EXISTING PERMITTED LIMIT OF WASTE AREAS
- TREES / VEGETATION
- - - EXISTING FENCE
- - - PROPOSED FENCE
- - - ACCESS ROAD (SEE DRAWING NO. D5 FOR EXISTING VS. PROPOSED)
- - - PERIMETER STORMWATER DITCH (SEE DRAWING NO. D5 FOR EXISTING VS. PROPOSED)
- - - CULVERT (SEE DRAWING NO. D5 FOR EXISTING VS. PROPOSED)
- 700.0 TOP OF LINER GRADES / BOTTOM OF LEACHATE COLLECTION GRADES (FEET MSL) (SEE DRAWING NO. D5 FOR GRADE SOURCE DESCRIPTIONS)
- - - EXISTING LEACHATE COLLECTION PIPE
- - - PROPOSED LEACHATE COLLECTION PIPE
- FM - FM EXISTING FORCE MAIN
- FM - FM PROPOSED FORCE MAIN
- △ EXISTING LEACHATE CLEANOUT LOCATION(S)
- EXISTING LEACHATE SIDESLOPE RISER VAULT LOCATION (COLLECTION POINTS)
- ▲ PROPOSED LEACHATE CLEANOUT LOCATION(S)
- PROPOSED LEACHATE SIDESLOPE RISER VAULT LOCATION (COLLECTION POINTS)

NOTES

- FOR CLARITY, NOT ALL SITE FEATURES MAY BE SHOWN.
- THE NEED FOR FLEXIBILITY TO ACCOMMODATE ADJUSTMENTS AND MODIFICATIONS IS ANTICIPATED CONSIDERING THE SIZE, COMPLEXITY, AND LIFE OF THE PROJECT.
- PERIMETER STORM WATER CONTROL WILL BE CONSTRUCTED AS FILLING PROGRESSES TO PREVENT RUN-ON ONTO THE LANDFILL.
- THE LEACHATE COLLECTION AND CLEANOUT SYSTEM HAS BEEN CONSTRUCTED FOR CELLS 1-6.
- THERE WILL BE A CLEANOUT FOR EACH INDIVIDUAL LEACHATE COLLECTOR PIPE AT THE LEACHATE CLEANOUT LOCATIONS.
- CONTOURS SHOWN REFLECT THE TOP OF LINER GRADES (REFER TO DRAWING NO. D5). THE LEACHATE COLLECTION LAYER WILL BE CONSTRUCTED A MINIMUM OF ONE FOOT THICK ON TOP OF THE LINER (REFER TO DRAWING NOS. D8 AND D9).
- THE EXISTING AND PROPOSED LEACHATE FORCEMAIN MAY BE LOCATED INSIDE THE LIMITS OF WASTE AT THE CREST OF SLOPE IN LIEU OF OUTSIDE AS DEPICTED ON THIS DRAWING.



REV. NO.	DATE	DESCRIPTION



VEOLIA E.S. ZION LANDFILL-SITE 2 EAST EXPANSION
CITY OF ZION, ILLINOIS

LEACHATE COLLECTION SYSTEM
OVERLAIN ON LINER GRADES

PROJ. NO.:	122150	DATE:	FEBRUARY 2010
DESIGNED BY:	RDS	DRAWING NO.	D7 7 OF 22 SHEETS
DRAWN BY:	BWM		
CHECKED BY:	RDS		
APPROVED BY:	DAM		