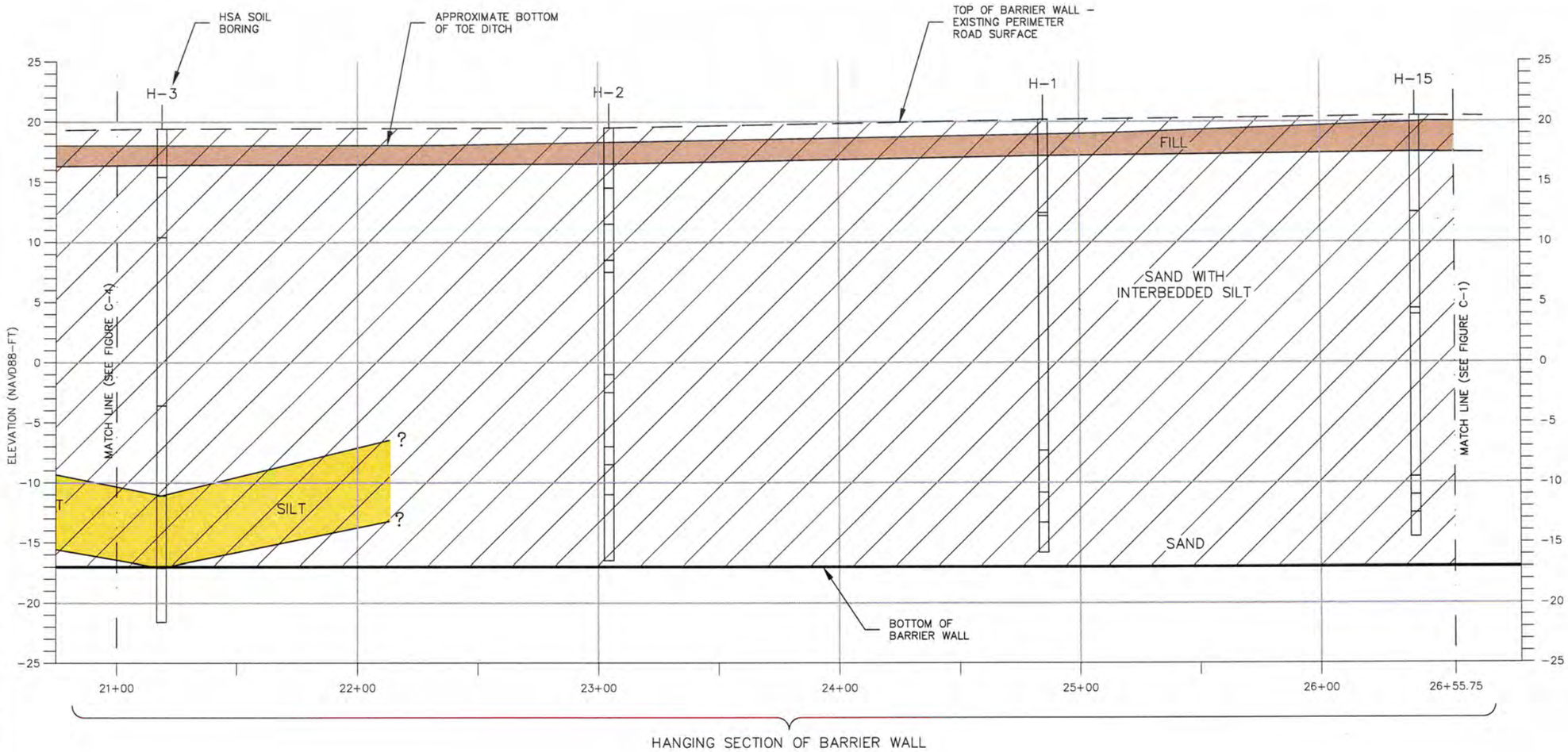


EXPLANATION

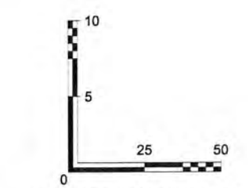
H-3 — HOLLOW STEM AUGER (HSA) BORING LOCATION (SEE C-1 FOR LOCATIONS)

BARRIER WALL DEPTH

BARRIER WALL

FILL

LOWER SILT AQUITARD



APPROXIMATE SCALE IN FEET
VERTICAL EXAGGERATION = 5X

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REFERENCES:
PLANS

DATUM
HORIZONTAL: WASP-NAD83-S FEET
VERTICAL: NAVD88 FEET

NO.	REVISION	DATE	APRVD
1	ISSUED FOR AGENCY REVIEW	6/16/09	
2	ISSUED FOR CONSTRUCTION	6/29/09	KT

DRAWN AS
DESIGNED MZ
CHECKED KT
REVIEWED LM

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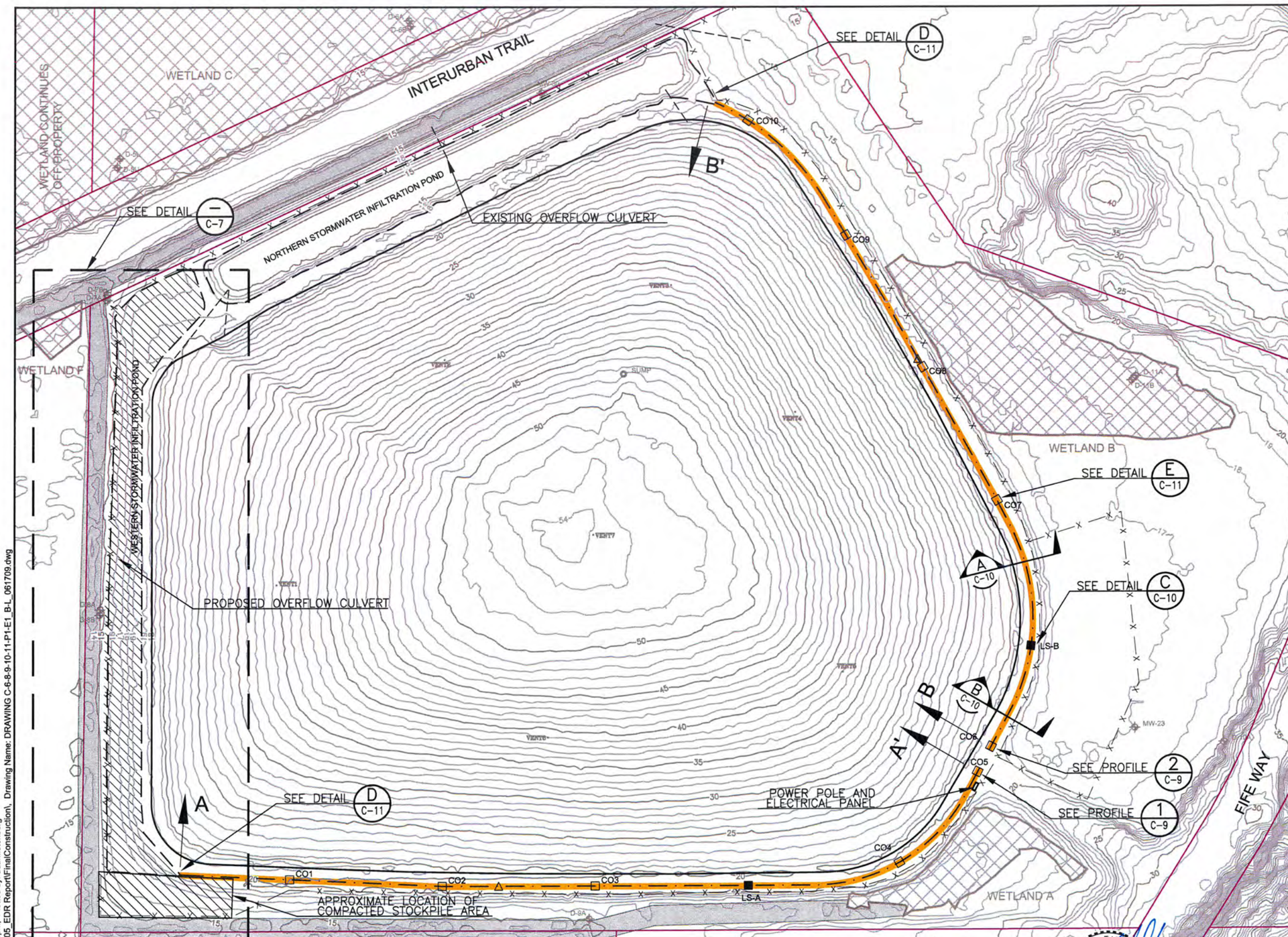
BARRIER WALL PROFILE STA 21+00 - 26+55.75
ADDENDUM 1

B&L WOODWASTE SITE
PIERCE COUNTY, WASHINGTON

DATE: 07/02/09
PROJECT NO.: 13488

DRAWING
C-5



EXPLANATION

- BARRIER WALL ALIGNMENT
- TAX PARCEL LINE
- FENCE LINE
- APPROXIMATE EXTENT OF STORMWATER INFILTRATION POND
- 12" DIAMETER CULVERT
- MW-13 MONITORING WELL LOCATION
- VENT3 VENT LOCATION
- AGRICULTURAL DITCH
- WETLAND
- APPROXIMATE LOCATION OF GROUNDWATER INTERCEPTION TRENCH
- GRAVITY DRAIN PIPE
- APPROXIMATE LOCATION OF LIFT STATION
- APPROXIMATE LOCATION OF CLEANOUT VAULT
- APPROXIMATE LOCATION OF JUNCTION BOX
- AREA OF TOPSOIL REMOVAL

NOTES:

1. THERE IS KNOWN GROUNDWATER CONTAMINATION ON SOUTH AND WEST SIDES OF THE LANDFILL. IMPLEMENT APPROPRIATE WORKER PROTECTION MEASURES WHEN ENCOUNTERING GROUNDWATER. SOIL CONTAMINATION REQUIRING WORKER PROTECTION HAS NOT BEEN ENCOUNTERED OUTSIDE THE LANDFILL FOOTPRINT.
2. THE INTERCEPTOR TRENCH SYSTEM CONSISTS OF TWO PIPING TRENCHES WITH LIFT STATIONS AND CLEANOUTS, TWO ELECTRICAL TRENCHES, AND TWO INFILTRATION PONDS. THE INFILTRATION POND ON THE NORTH OF LANDFILL ALREADY EXISTS.
3. PIPING TRENCHES AND ELECTRICAL TRENCHES SHALL BE APPROXIMATELY 7 AND 11 FT FROM THE OUTER EDGE OF BARRIER WALL, RESPECTIVELY.
4. THE WORK SEQUENCE AND STEPS SHALL INCLUDE MEASURES TO PREVENT SPREAD OF CONTAMINATION. SUCH MEASURES MAY INCLUDE STRIPPING THE TOP SEVERAL INCHES OF PERIMETER ROAD TO REMOVE SOIL IMPACTED BY BARRIER WALL CONSTRUCTION. INCORPORATE REMOVED SOIL INTO THE LANDFILL.
5. TRANSFER GROUNDWATER FROM EXCAVATION DEWATERING THAT MAY BE REQUIRED INTO NORTH INFILTRATION POND. ANY TREATMENT AND OFFSITE DISPOSAL OF WATER FROM NORTH POND WILL BE DONE BY OTHERS.
6. AT THE COMPLETION OF TRENCH AND INFILTRATION POND CONSTRUCTION, REMOVE SEDIMENT FROM BOTTOM OF NORTH INFILTRATION POND AND INCORPORATE INTO THE LANDFILL. ENGINEER WILL DETERMINE DEPTH OF EXCAVATION AND WHETHER TO PLACE GRAVEL (1 TO 2 INCH DIAMETER) ON THE BOTTOM OF NORTH INFILTRATION POND.

0 50 100
APPROXIMATE SCALE IN FEET

REFERENCES:
PLANS

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VERTICAL: NAVD88 FEET

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REVIEWED LM

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EXPIRES JAN 10, 2010

INTERCEPTOR TRENCH SYSTEM
ADDENDUM 1

B&L WOODWASTE SITE
PIERCE COUNTY, WASHINGTON

DATE: 07/02/09
PROJECT NO.: 13488
DRAWING C-6

Plot Date: 07/02/09 - 3:45pm, Plotted by: adam.stenberg
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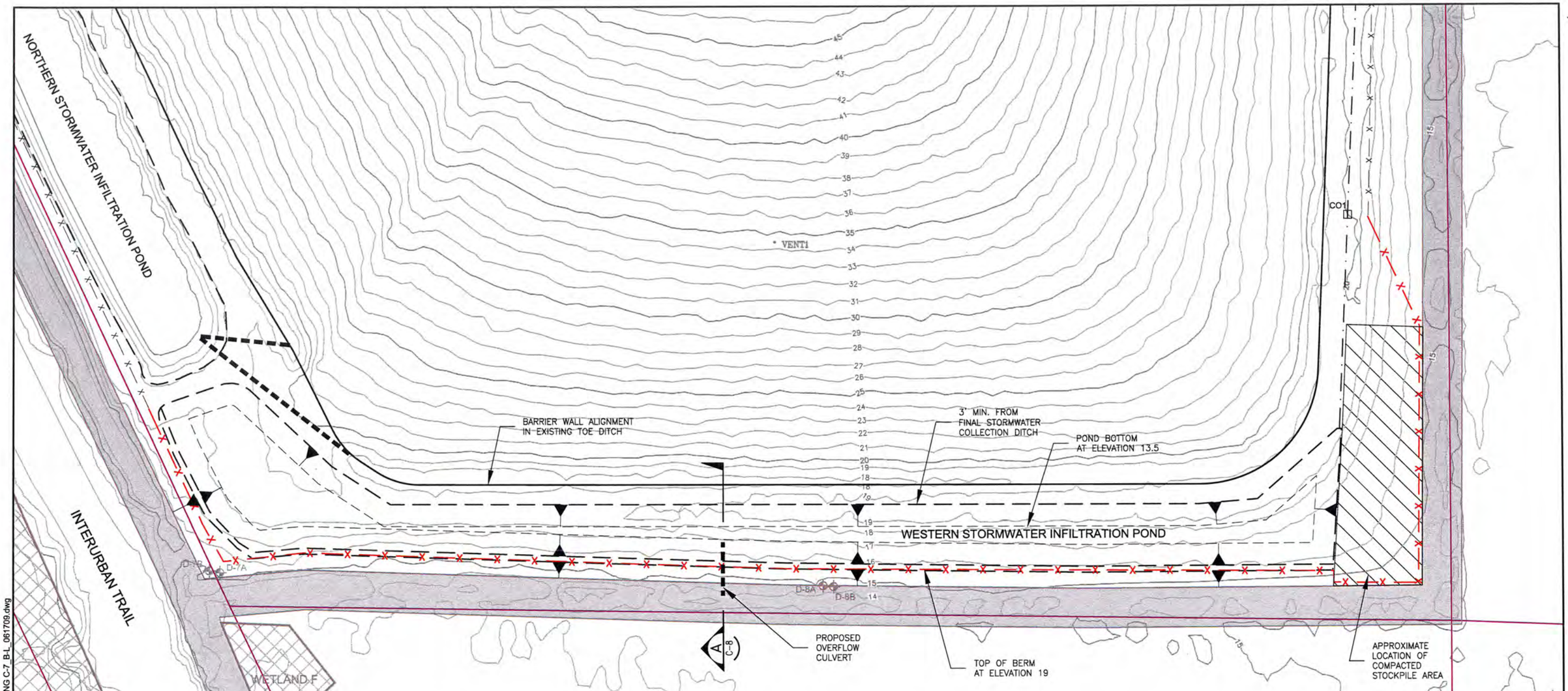

EXPLANATION

- BARRIER WALL ALIGNMENT
- TAX PARCEL LINE
- EXISTING FENCE
- FINAL FENCE
- STORMWATER INFILTRATION POND
- 12" DIAMETER CULVERT
- D-8A MONITORING WELL LOCATION
- VENT1 VENT LOCATION
- AGRICULTURAL DITCH
- WETLAND
- PASSIVE DRAIN PIPE AND ACTIVE DRAIN PIPE

NOTES:

1. SALVAGE TOPSOIL (ASSUMED TO BE 6 INCHES THICK) OVER THE FOOTPRINT OF THE WEST INFILTRATION POND AND STOCKPILE AREA FOR USE IN FINAL GRADING.
2. EXCAVATE SUBGRADE TO THE PLANNED ELEVATIONS. ENGINEER WILL DETERMINE THE FINAL DEPTH OF EXCAVATION BASED ON SUBGRADE SOIL.
3. OUTER EDGE OF THE EAST BERM SHALL BE A MINIMUM DISTANCE OF 7 FT FROM THE EDGE OF BARRIER WALL.
4. CONSTRUCT BANKS OF THE WEST BERM WITH SITE SOIL IN COMPACTED LAYERS AT 2H:1V SLOPES.
5. PLACE ALL BACKFILL IN 1-FOOT LIFTS AND COMPACT TO 95% OF MAXIMUM DRY DENSITY (ASTM D1557).
6. PLACE A MINIMUM OF 4 INCHES OF SALVAGED TOPSOIL ON FINAL GRADES OF WEST BERM.
7. PLACE GRAVEL ON BOTTOM OF POND IF REQUIRED BY ENGINEER.
8. EXCESS GRANULAR SOIL, AS DETERMINED BY ENGINEER, SHALL BE STOCKPILED ON SOUTHWEST CORNER IN 1 FOOT LIFTS AND COMPACTED TO 98% OF MAXIMUM DRY DENSITY (ASTM D1557).
9. PERFORM COMPACTION TESTING AT LEAST ONCE PER DAY, ONCE PER LIFT, OR EVERY 2500 SF PER LIFT, WHICHEVER IS MORE FREQUENT.

0 25 50
APPROXIMATE SCALE IN FEET

REFERENCES:
PLANS

DATUM
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VERTICAL: NAVD88 FEET

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EXPIRES JAN 10, 2010

WESTERN INFILTRATION POND PLAN
ADDENDUM 1

B&L WOODWASTE SITE
PIERCE COUNTY, WASHINGTON

DATE: 07/02/09
PROJECT NO.: 13488
DRAWING C-7

Plot Date: 07/02/09 - 3:52pm, Plotted by: adam.stenberg
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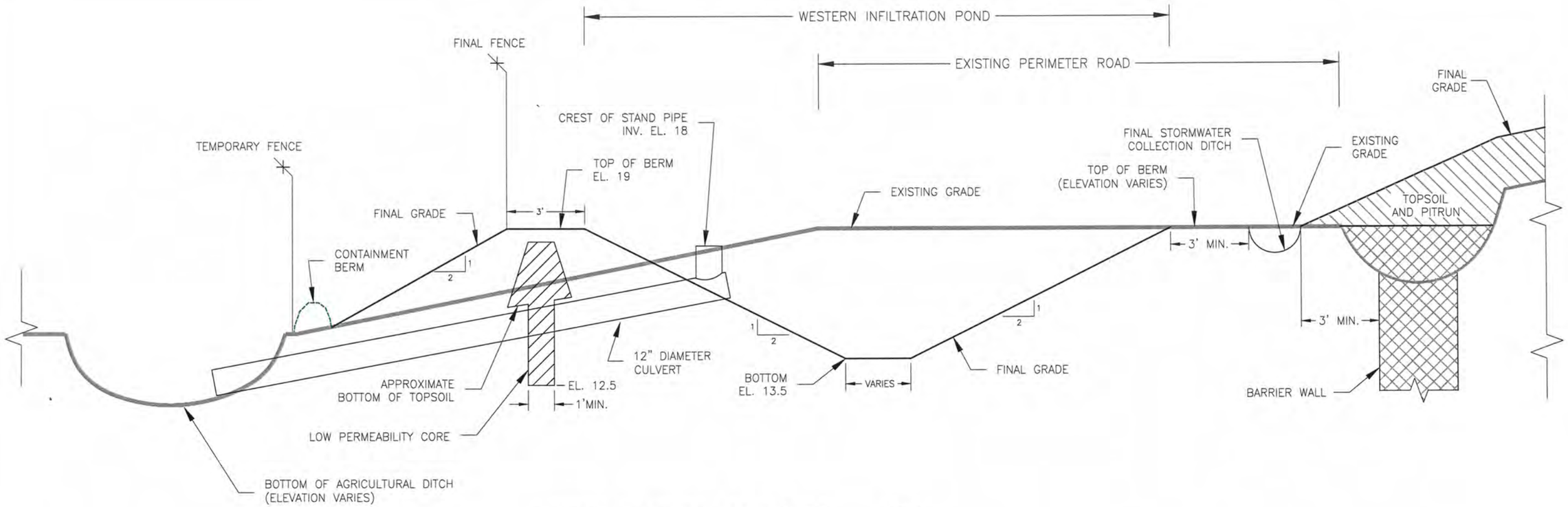

WESTERN INFILTRATION POND (TYP.) — A / C-7

NOT TO SCALE SIDE VIEW

NOTES:

1. CONSTRUCT A CORE FOR THE WEST BERM OF WEST INFILTRATION POND USING FINE-GRAINED PORTION OF SITE SOIL, AS DETERMINED BY ENGINEER. AUGMENT WITH BENTONITE IF REQUIRED BY ENGINEER.
2. THE WEST BERM SHALL BE CONSTRUCTED IN 1-FOOT LIFTS AND COMPACTED TO 95 PERCENT OF MAXIMUM DRY DENSITY (ASTM D1557). PERFORM COMPACTION TESTING AT LEAST ONCE PER DAY, ONCE PER LIFT, OR EVERY 2500 SF PER LIFT, WHICHEVER IS MORE FREQUENT.
3. INSTALL AN OVERFLOW CULVERT THROUGH THE WEST BERM AS SHOWN. THE OVERFLOW PIPE SHALL BE 12-INCH DIAMETER, MADE OF ZINC COATED (GALVANIZED) OR ALUMINUM COATED (ALUMINIZED) CORRUGATED IRON OR STEEL THAT MEET THE REQUIREMENTS OF SECTION 9-05.4 OF WSDOT STANDARD SPECIFICATIONS.

REFERENCES:
PLANS

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VERTICAL: NAVD88 FEET

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INFILTRATION POND DETAILS
ADDENDUM 1

B&L WOODWASTE SITE
PIERCE COUNTY, WASHINGTON

DATE: 07/02/09
PROJECT NO.: 13488
DRAWING C-8

Plot Date: 07/02/09 - 3:46pm, Plotted by: adam.stenberg
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