

APPENDIX B

ROAD DESIGN SCHEMATICS

Appendix B
Road Design Schematics

Drawing Number	Drawing Title
RD-C-00.00	Cover Sheet
RD-C-30.42	Typical Roadway Sections – Yukon Avenue and Richmond Hill Road
RD-C-30.43	Typical Roadway Sections – SIBPO, Alternatives A and B
RD-C-30.44	Typical Roadway Sections – 1 Lane Loop
RD-C-30.45	Typical Roadway Cross Sections Over Landfill Cap Details
R9-C-23.42	Richmond Hill Extension 2036 – 4 Lane Plan, Sheet 1 of 2
R5-C-23.41	Forest Hill Extension – 4 Lane Plan, Sheet 1 of 2
R5-C-25.42	East Loop Alignment, 4 Lane Plan – 2036, Sheet 2 of 2
R1-C-23.42	Richmond Hill Extension, 4 Lane Plan – 2036, Sheet 2 of 2
R5-C-23.21	Forest Hill Extension, 2 Lane Plan – 2036, Sheet 1 of 2
R5-C-25.22	East Loop Alignment, 2 Lane Plan – 2036, Sheet 2 of 2
R9-C-23.22	Richmond Hill Extension 2036, 2 Lane Plan, Sheet 1 of 2
R1-C-23.22	Richmond Hill Extension, 2 Lane Plan – 2036, Sheet 2 of 2
R6-C-23.11	Alternative A Alignment, 2 Lane Plan – 2036, Sheet 1 of 4
R6-C-23.12	Alternative A Alignment, 2 Lane Plan – 2036, Sheet 2 of 4
R6-C-23.13	Alternative A Alignment, 2 Lane Plan – 2036, Sheet 3 of 4
R6-C-23.14	Alternative A Alignment, 2 Lane Plan – 2036, Sheet 4 of 4
R6-C-23.21	Alternative B Alignment, 2 Lane Plan – 2036, Sheet 1 of 4
R6-C-23.22	Alternative B Alignment, 2 Lane Plan – 2036, Sheet 2 of 4
R6-C-23.23	Alternative B Alignment, 2 Lane Plan – 2036, Sheet 3 of 4
R6-C-23.24	Alternative B Alignment, 2 Lane Plan – 2036, Sheet 4 of 4
R6-C-23.31	Alternative A Alignment, 1 Lane Plan – 2036, Sheet 1 of 4

Drawing Number	Drawing Title
R6-C-23.32	Alternative A Alignment, 1 Lane Plan – 2036, Sheet 2 of 4
R6-C-23.33	Alternative A Alignment, 1 Lane Plan – 2036, Sheet 3 of 4
R6-C-23.34	Alternative A Alignment, 1 Lane Plan – 2036, Sheet 4 of 4
R5-C-35.41	Forest Hill Extension, 4 Lane – 2036 Profile, Sheet 1 of 1
R5-C-35.42	Forest Hill Extension, 4 Lane – 2036 Wetland Profile, Sheet 1 of 1
R9-C-35.41	Yukon Avenue Extension 2016 – 4 Lane Profile
R9-C-35.42	Yukon Avenue Extension 2016 – 4 Lane Wetland Profile
R1-C-35.42	Richmond Hill Extension – 4 Lane Profile
R1-C-35.43	Richmond Hill Road 2036 – 4 Lane Wetland Profile
R5-C-35.21	Forest Hill Extension – 2 Lane 2036 Profile, Sheet 1 of 1
R5-C-35.22	Forest Hill Extension – 2 Lane 2036 Wetland Profile, Sheet 1 of 1
R9-C-35.21	Yukon Avenue Extension 2016 – 2 Lane Profile
R1-C-35.22	Richmond Hill Extension – 2 Lane Profile
R9-C-35.23	Yukon Avenue Extension 2016 – 2 Lane Wetland Profile
R1-C-35.24	Richmond Hill Road 2036 – 2 Lane Wetland Profile
R6-C-35.11	Alternative A – 1 Lane – 2036 Profile, Sheet 1 of 5
R6-C-35.12	Alternative A – 1 Lane – 2036 Profile, Sheet 2 of 5
R6-C-35.13	Alternative A – 1 Lane – 2036 Profile, Sheet 3 of 5
R6-C-35.14	Alternative A – 1 Lane – 2036 Profile, Sheet 4 of 5
R6-C-35.15	Alternative A – 1 Lane – 2036 Profile, Sheet 5 of 5
R6-C-35.21	Alternative B – 2 Lane – 2036 Profile, Sheet 1 of 5
R6-C-35.22	Alternative B – 2 Lane – 2036 Profile, Sheet 2 of 5
R6-C-35.23	Alternative B – 2 Lane – 2036 Profile, Sheet 3 of 5
R6-C-35.24	Alternative B – 2 Lane – 2036 Profile, Sheet 4 of 5
R6-C-35.25	Alternative B – 2 Lane – 2036 Profile, Sheet 5 of 5
R5-C-30.41	Forest Hill Extension – 4 Lane – 2036 Cross Sections

Drawing Number	Drawing Title
R9-C-30.41	Yukon Avenue Extension – Cross Sections
R5-C-30.21	Forest Hill Extension – 2 Lane – 2036 Cross Sections
R9-C-23.41	Yukon Avenue Extension 2016 – 4 Lane Plan, Sheet 1 of 1
R9-C-23.21	Yukon Avenue Extension 2016 - 2 Lane Plan, Sheet 1 of 1
R6-C-30.11	Loop Road Alignment , 2 Lane – 2036 Cross Sections
R6-C-30.21	Loop Road Alignment , 2 Lane – 2036 Cross Sections
R6-C-30.31	Loop Road Alignment, 1 Lane – 2036 Cross Sections

FRESH KILLS PARK SEIS Roadway Package



CITY OF NEW YORK
PARKS AND RECREATION

City of New York Parks & Recreation

Olmsted Center

Flushing Meadows-Corona Park
Flushing, New York

SEIS ISSUE

FRESH KILLS PARK, KEY PLAN:

NOTES:
1. THE DESIGN IS BASED ON DSNY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSNY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.
2. FOR DETAILS OF ARCH CULVERTS SEE SHEET R9-C-35.23

NOT FOR CONSTRUCTION

LEAD CONSULTANT:



Field Operations
475 Tech Ave, 10FL New York, NY 10018 215-433-1450

SUB-CONSULTANT:



ARUP
One King & Fife Street Consulting Engineers PC
115 Avenue of the Americas
New York NY 10013
Tel: (212) 299-7669 Fax: (212) 219-1556
www.arup.com



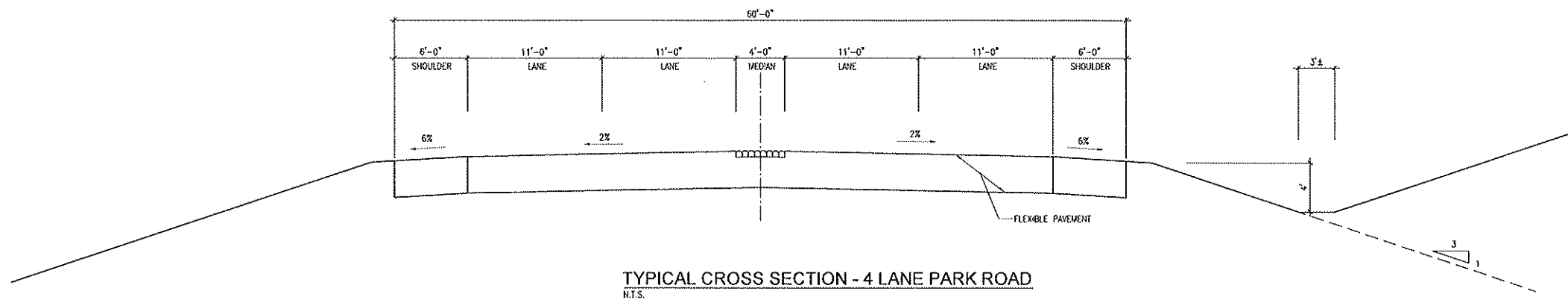
**City of New York
Parks & Recreation**
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE:
**FRESH KILLS PARK
PRIMARY ROAD SYSTEM**

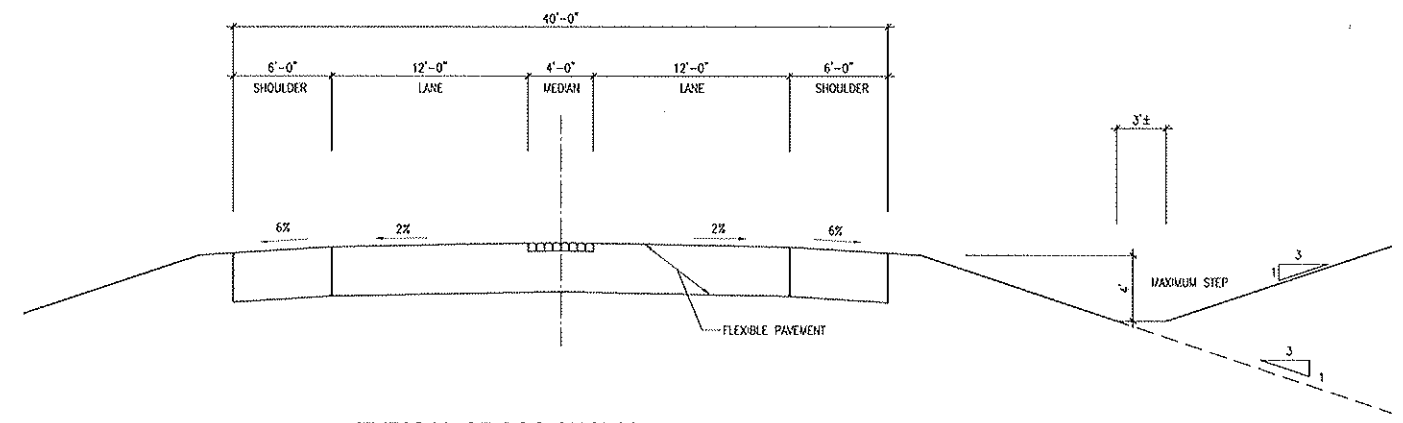
DRAWING TITLE:
COVER SHEET

DESIGNED BY:	DRAWN BY:	CHECKED BY:
REVIEWED-TEAM LEADER: Mike Brown	FORESTRY: Ame Iseal	REVIEWED-PROJECT MGR: Angelyn Chandke
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Flank	CONTRACT NO.:
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.		
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 PLOT BY: David Miller



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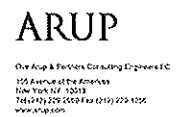


TYPICAL CROSS SECTION - 2 LANE PARK ROAD
N.T.S.

LEAD CONSULTANT:



SUB-CONSULTANT:



**City of New York
Parks & Recreation**
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE:

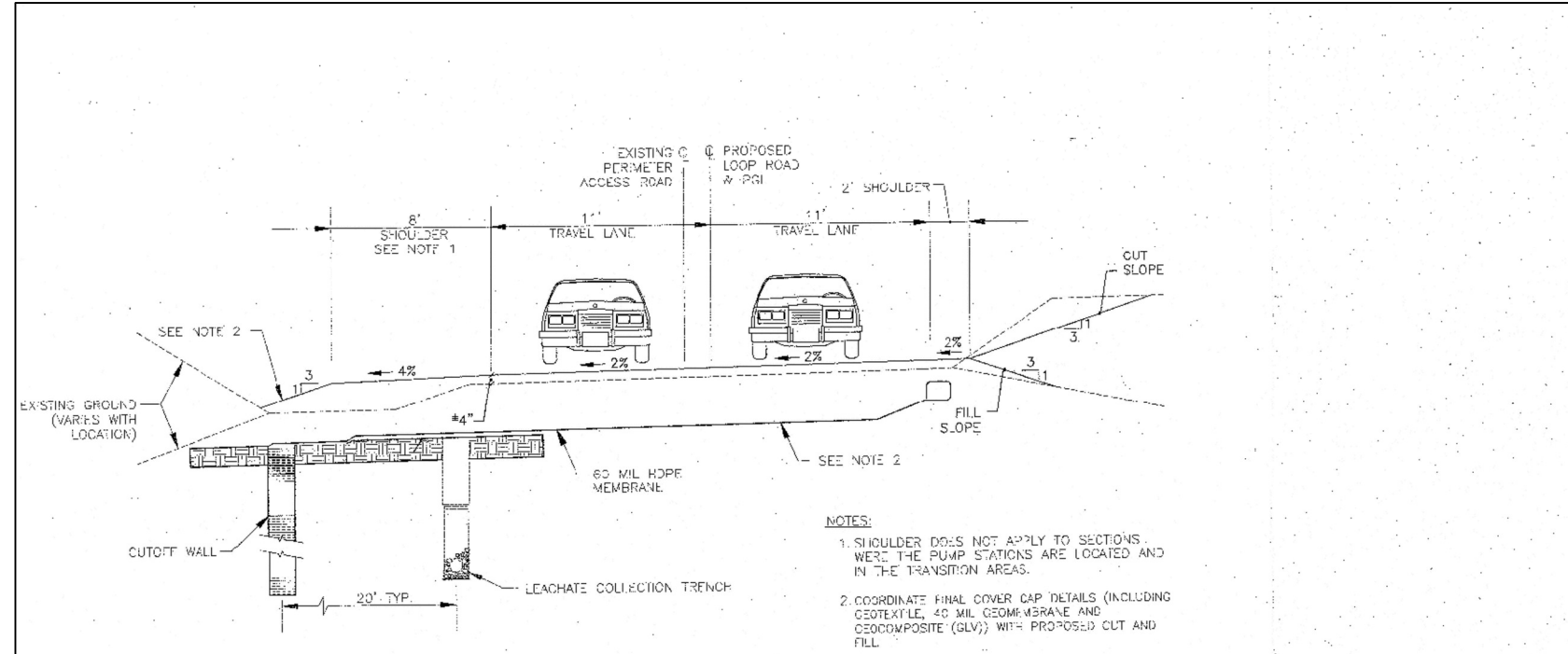
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DRAWING TITLE:

**TYPICAL ROADWAY
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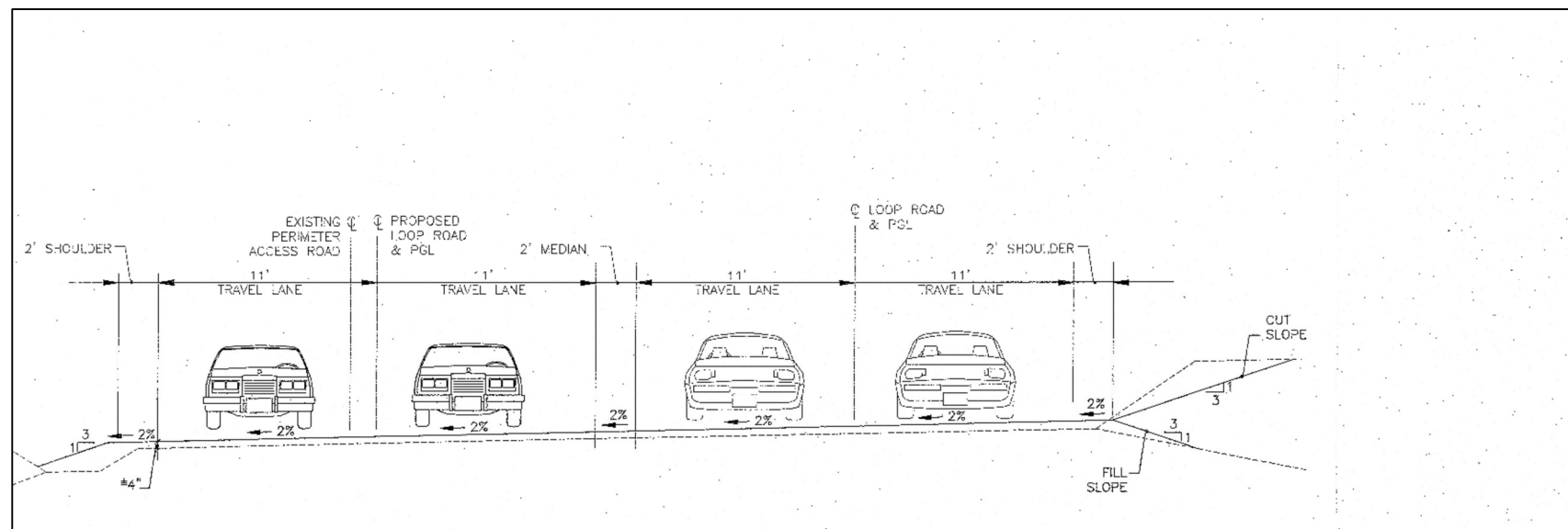
DESIGNED BY: DRN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mao Bawtie	FORESTRY: Anna Russell	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKenney	APPROVED-CHIEF ENGINEER: John Hsieh	CONTRACT NO.: TED
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.		
DATE: 10.05.09	SCALE: NTS	DRAWING NO.: RD-C-30.42
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- NOTES:
1. SHOULDER DOES NOT APPLY TO SECTIONS WHERE THE PUMP STATIONS ARE LOCATED AND IN THE TRANSITION AREAS.
 2. COORDINATE FINAL COVER CAP DETAILS (INCLUDING GEOTEXTILE, 40 MIL GEOMEMBRANE AND GEOCOMPOSITE (GLV)) WITH PROPOSED CUT AND FILL.

TYPICAL SECTION - 2-LANE ONE WAY LOOP
N.T.S.



TYPICAL SECTION - 4-LANE CROSS DRIVE ROADWAY
N.T.S.

NOTES:
1. THE DESIGN IS BASED ON DSHY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSHY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

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SUB-CONSULTANT:



City of New York
Parks & Recreation
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE:

FRESH KILLS PARK

DRAWING TITLE:

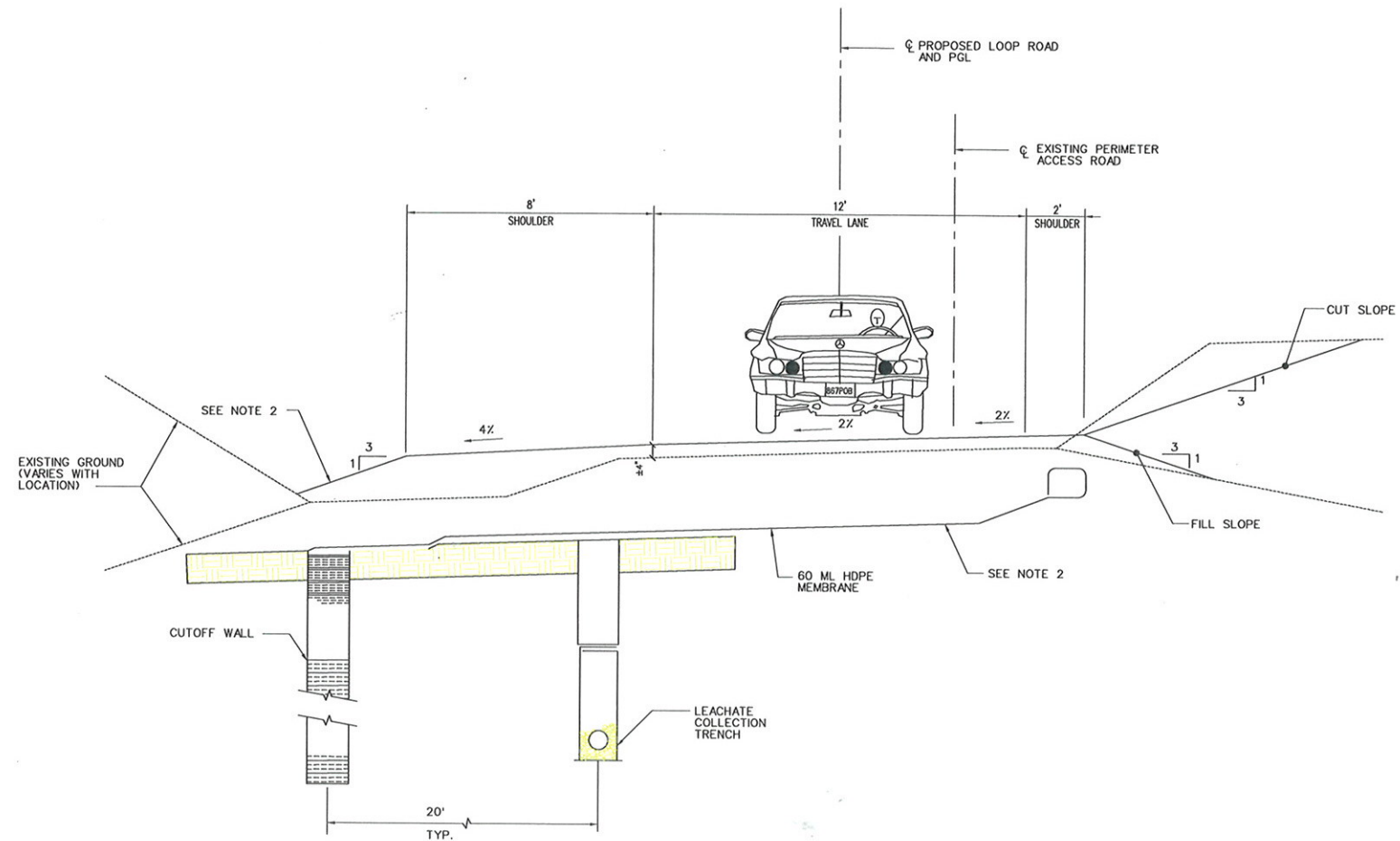
TYPICAL ROADWAY
SECTIONS - SIBPO
ALTERNATIVES A AND B

DESIGNED BY: DRL	DRAWN BY: DRL	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Ame Israel	REVIEWED-PROJECT MNGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Hebl	CONTRACT NO.: TBD

THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.

DATE: 10.06.09	SCALE: NTS	DRAWING NO.: RD-C-30.43	SHEET NO. / SHEETS
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NOTES:
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TYPICAL SECTION - 1-LANE ONE- WAY LOOP
 N.T.S.

NOTES:
 1. SHOULDER DOES NOT APPLY TO SECTIONS WHERE THE PUMP STATIONS ARE LOCATED AND IN THE TRANSITION AREAS.
 2. COORDINATE FINAL COVER CAP DETAILS (INCLUDING GEOTEXTILE, 40 ML GEOMEMBRANE AND GEOCOMPOSITE (GLV)) WITH PROPOSED CUT AND FILL.

LEAD CONSULTANT:

fo
 Field Operations
 475 Tenth Ave, 16th Fl, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

HDR
 HDR | Daniel Frankfort
 600 Seventh Avenue
 New York, NY 10018
 Tel (212) 542-4000 Fax (212) 542-6100
 www.hdrinc.com

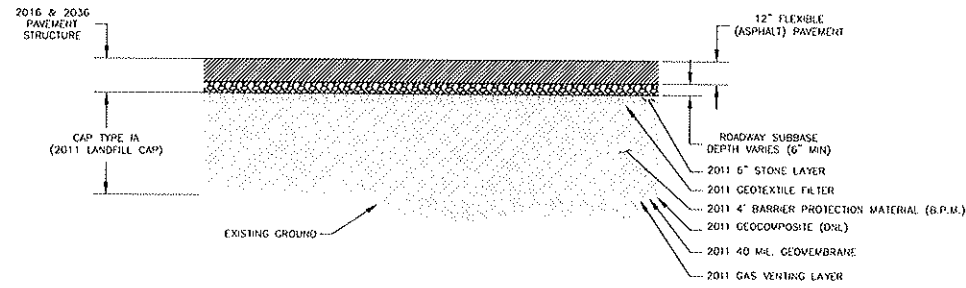
**City of New York
 Parks & Recreation**
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

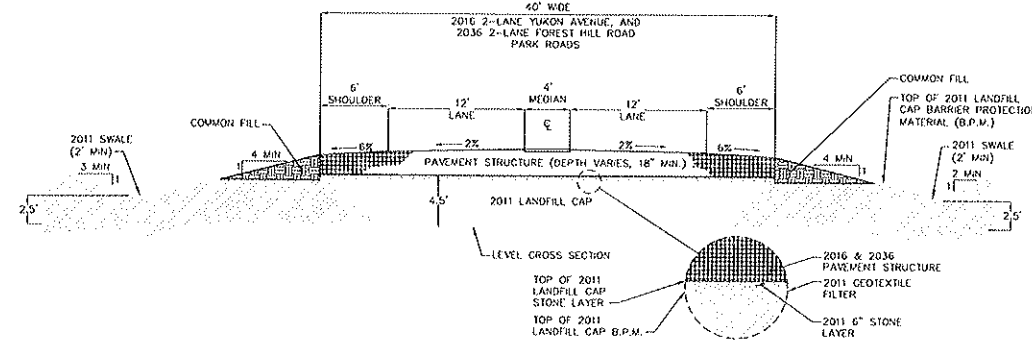
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TYPICAL ROADWAY SECTIONS - 1 LANE LOOP

DESIGNED BY: DRN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Milo Brown	FORESTRY: Anna Jansel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nardi	CONTRACT NO.: TBD
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.		
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SHEET NO. / SHEETS		

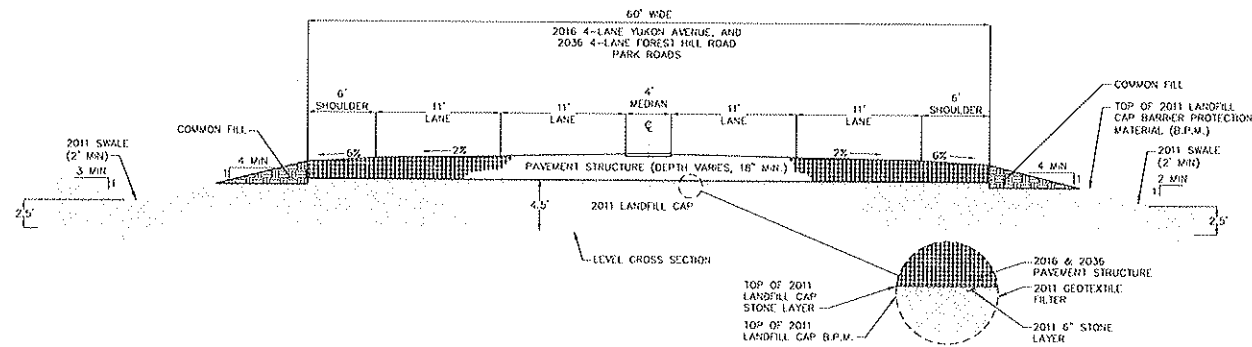
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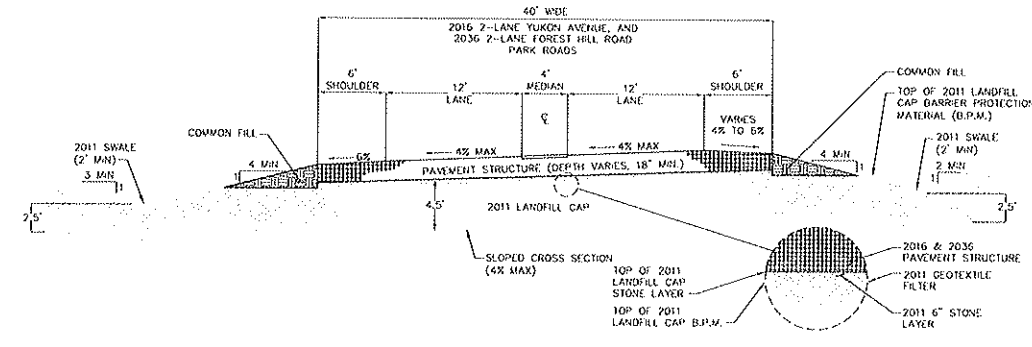
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PAVEMENT STRUCTURE AND LANDFILL CAP TYPE IA
SCALE: 1" = 3'



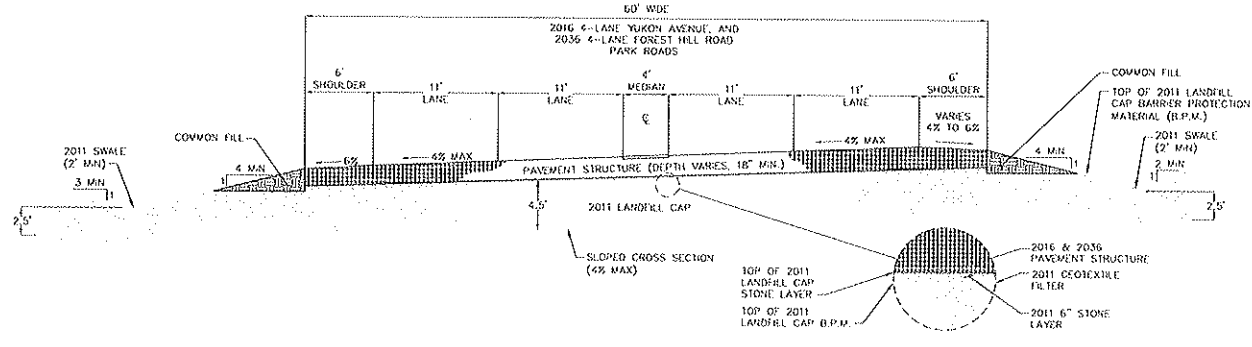
4 DETAIL
TYPICAL 2-LANE ROAD CROSS SECTION
(NORMAL CROWN)
SCALE: 1" = 6'



2 DETAIL
TYPICAL 4-LANE ROAD CROSS SECTION
(NORMAL CROWN)
SCALE: 1" = 6'



5 DETAIL
TYPICAL 2-LANE ROAD CROSS SECTION
(SUPERELEVATED)
SCALE: 1" = 6'



3 DETAIL
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(SUPERELEVATED)
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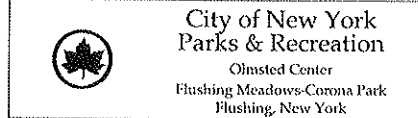
FRESH KILLS PARK, KEY PLAN:

NOTES:

LEAD CONSULTANT:



SUB-CONSULTANT:



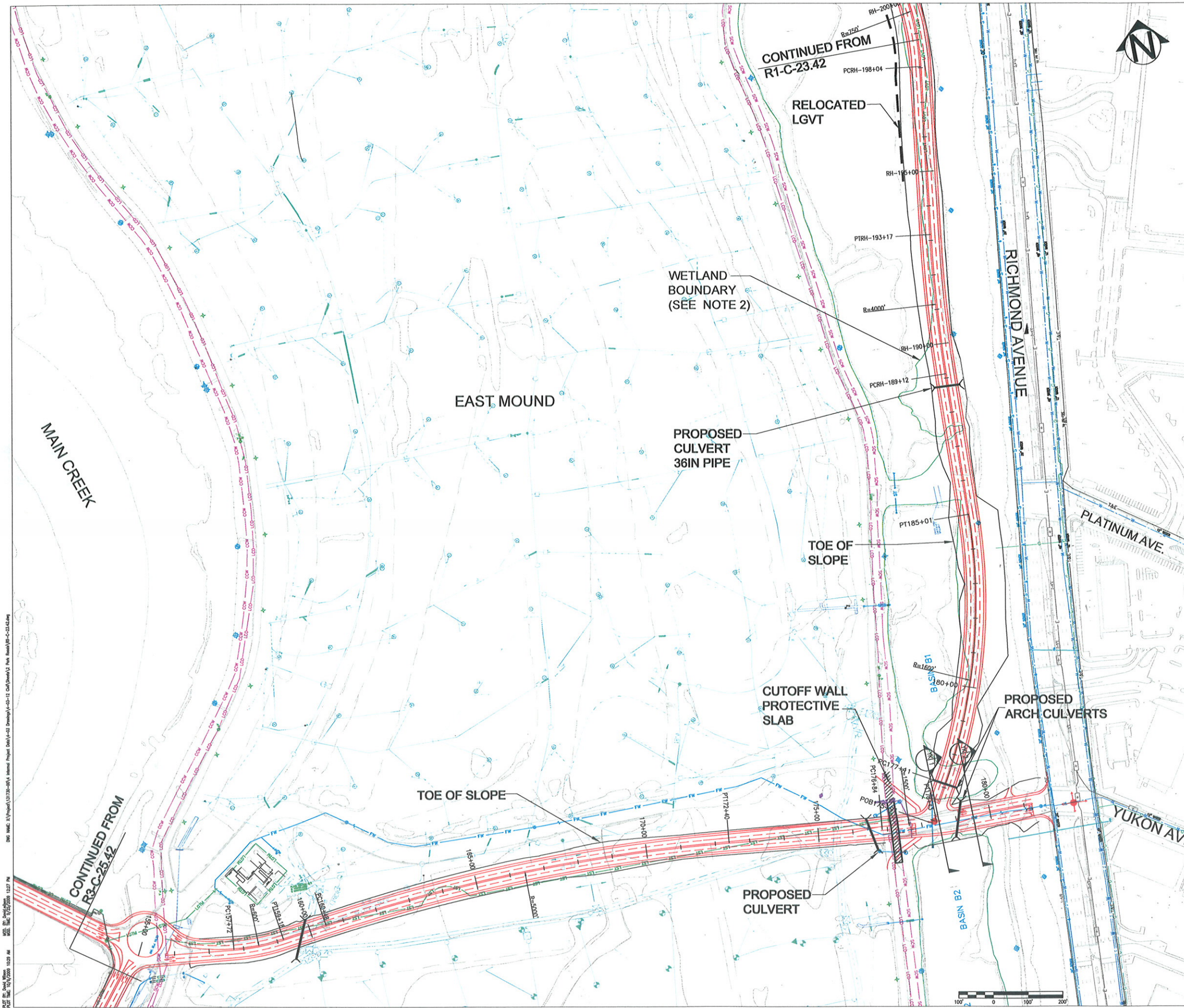
PROJECT TITLE:

Fresh Kills Park

DRAWING TITLE:

TYPICAL ROADWAY CROSS SECTIONS
OVER LANDFILL CAP
DETAILS

DESIGNED BY:	DRAWN BY:	CHECKED BY:
REVIEWED-TEAM LEADER:	FORESTRY:	REVIEWED-PROJECT MGR:
APPROVED-CHIEF OF DESIGN:	APPROVED-CHIEF ENGINEER:	CONTRACT NO.:
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM HIS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.		
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FRESH KILLS PARK, KEY PLAN:

NOTES:

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- WETLAND BOUNDARIES AS SHOWN ARE PRELIMINARY AND SUBJECT TO VERIFICATION.

UTILITIES LEGEND

— G — G —	NATIONAL GRID GAS
— LGTM — LGTM —	LANDFILL GAS TRANSMISSION MAIN
— LST — LST —	LEACHATE STONE TRENCH
— SCW — SCW —	CUTOFF WALL (SOIL-BENTONITE)
— CCW — CCW —	CUTOFF WALL (CEMENT-BENTONITE)
— LFM — LFM —	LEACHATE FORCEMAIN
— LCD — LCD —	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
— UE — UE —	UNDERGROUND ELECTRIC
— FW — FW —	FIRE WATER
— E — E —	ELECTRIC
— ST — ST —	STORM
— S — S —	SANITARY SEWER
— W — W —	WATER
— OMH — OMH —	MANHOLE

LEAD CONSULTANT:

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City of New York Parks & Recreation
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE: FRESH KILLS PARK

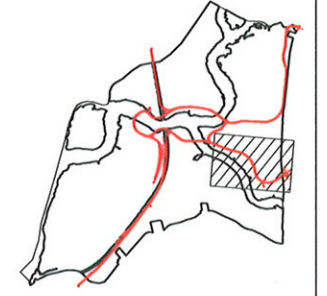
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DESIGNED BY: DSN	DRAWN BY: DRH	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Brown	FORESTRY: Anne Rosal	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Natel	CONTRACT NO.: TBD

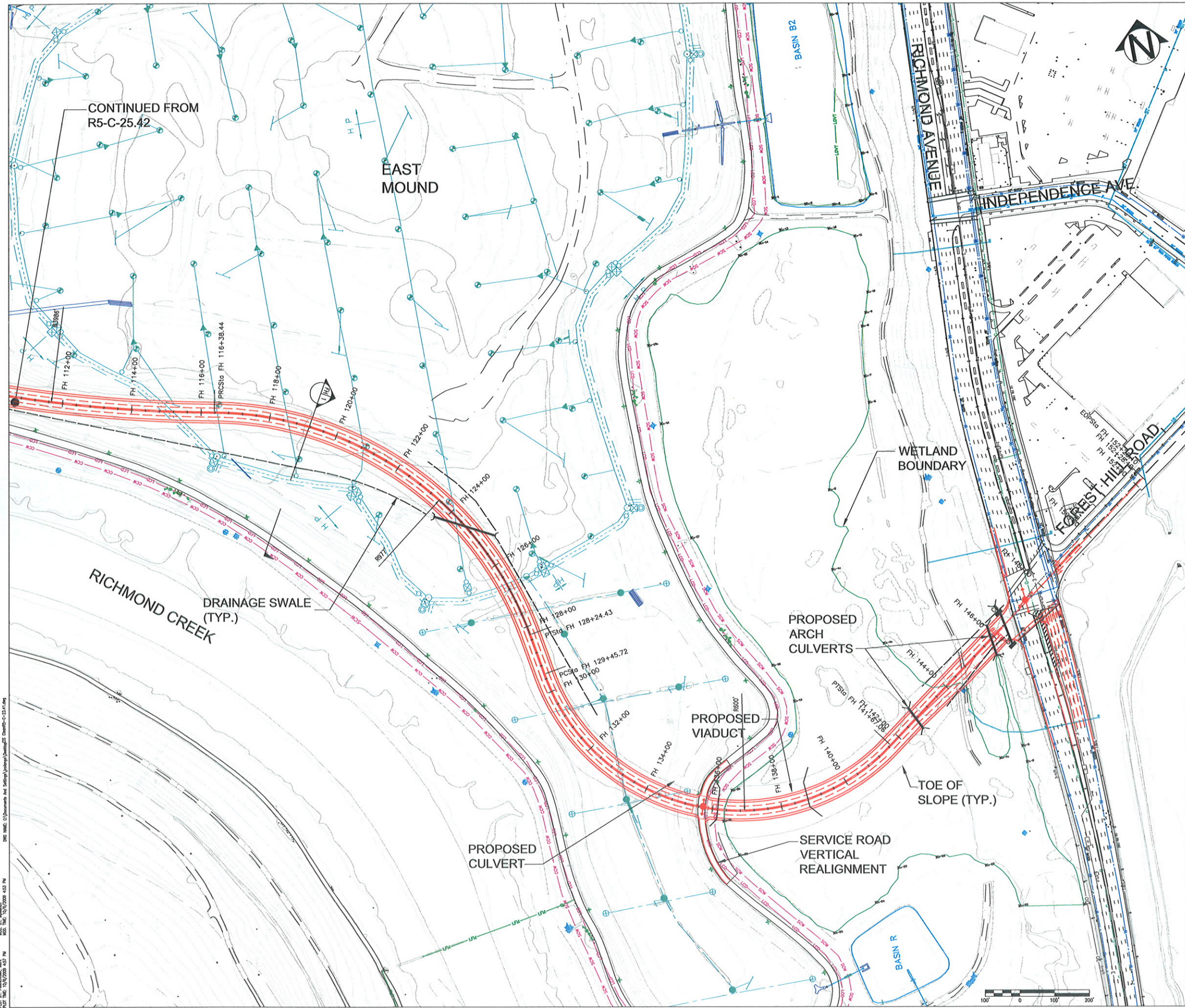
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DATE: 10.05.09	SCALE: 1"=100'	DRAWING NO.: R9-C-23.42	SHEET NO. / SHEETS:
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UTILITIES LEGEND	
	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCEMAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

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City of New York
 Parks & Recreation
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 Flushing, New York

PROJECT TITLE: FRESH KILLS PARK

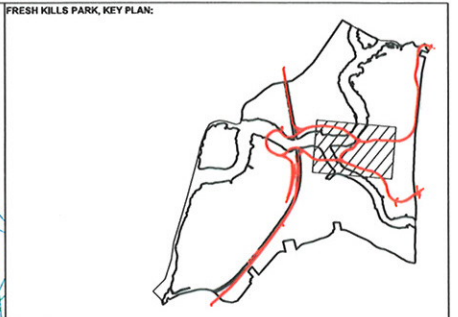
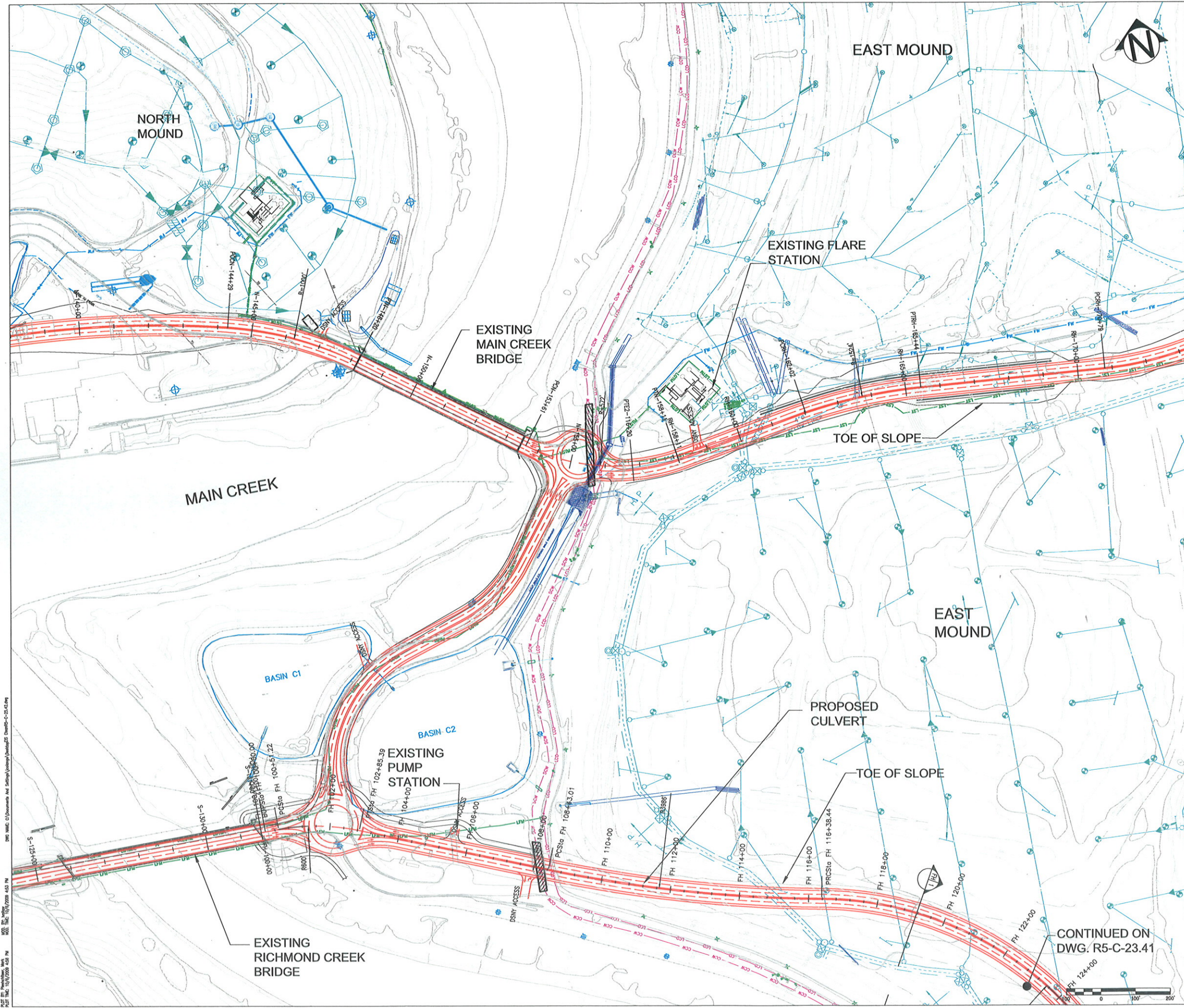
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REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Anna Korabel	REVIEWED-PROJECT MGR: Argyle Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Natis	CONTRACT NO.: 18D

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NOTES:
 1. THE DESIGN IS BASED ON DSNY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSNY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

UTILITIES LEGEND	
	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCEMAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:

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 Field Operations
 475 Tenth Ave, 10th Fl, New York, NY 10018 212-433-1150

SUB-CONSULTANT:

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 HOK | Daniel Mann Johnson & Mendenhall
 500 Broadway Avenue
 New York, NY 10018
 Tel: (212) 542-6000 Fax: (212) 542-6100
 www.hdr.com

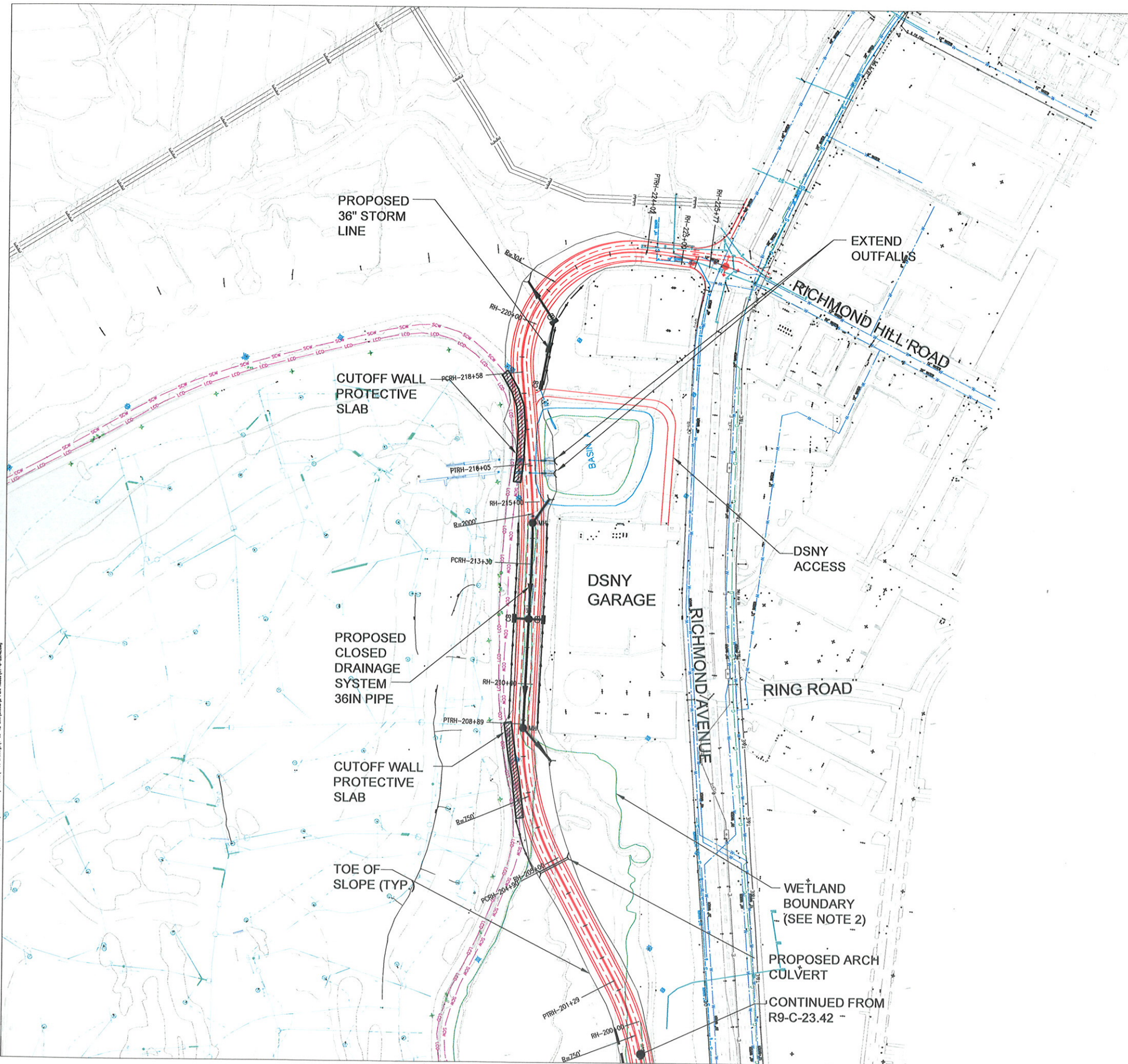
City of New York
 Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

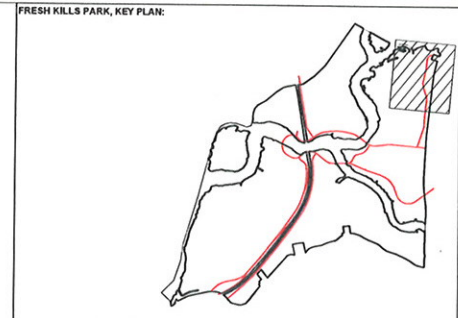
DRAWING TITLE:
**EAST LOOP ALIGNMENT
 4 LANE PLAN - 2036
 SHEET 2 OF 2**

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arne Irsell	REVIEWED-PROJECT MNGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Natis	CONTRACT NO.: TBD
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.		
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NOTES:
 1. THE DESIGN IS BASED ON DSNY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSNY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.
 2. WETLAND BOUNDARIES AS SHOWN ARE PRELIMINARY AND SUBJECT TO VERIFICATION.

UTILITIES LEGEND		
— G —	— G —	NATIONAL GRID GAS
— LGTM —	— LGTM —	LANDFILL GAS TRANSMISSION MAIN
— LST —	— LST —	LEACHATE STONE TRENCH
— SCW —	— SCW —	CUTOFF WALL (SOIL-BENTONITE)
— CCW —	— CCW —	CUTOFF WALL (CEMENT-BENTONITE)
— LFM —	— LFM —	LEACHATE FORCE MAIN
— LCD —	— LCD —	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
— UE —	— UE —	UNDERGROUND ELECTRIC
— FW —	— FW —	FIRE WATER
— E —	— E —	ELECTRIC
— ST —	— ST —	STORM
— S —	— S —	SANITARY SEWER
— W —	— W —	WATER
— OMH —	— OMH —	MANHOLE

LEAD CONSULTANT:

 Field Operations
 475 Tenth Ave, 10FL, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

 ARUP
 One Arup & Partners Consulting Engineers PC
 105 Avenue of the Americas
 New York, NY 10013
 Tel (212) 229 2888 Fax (212) 229 1056
 www.arup.com

City of New York
 Parks & Recreation
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 Flushing, New York

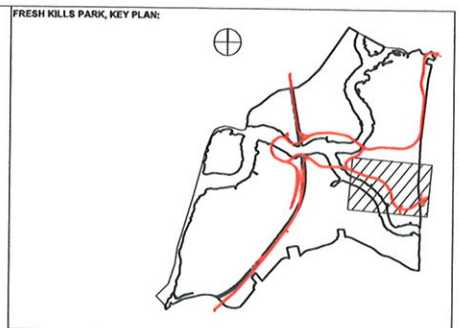
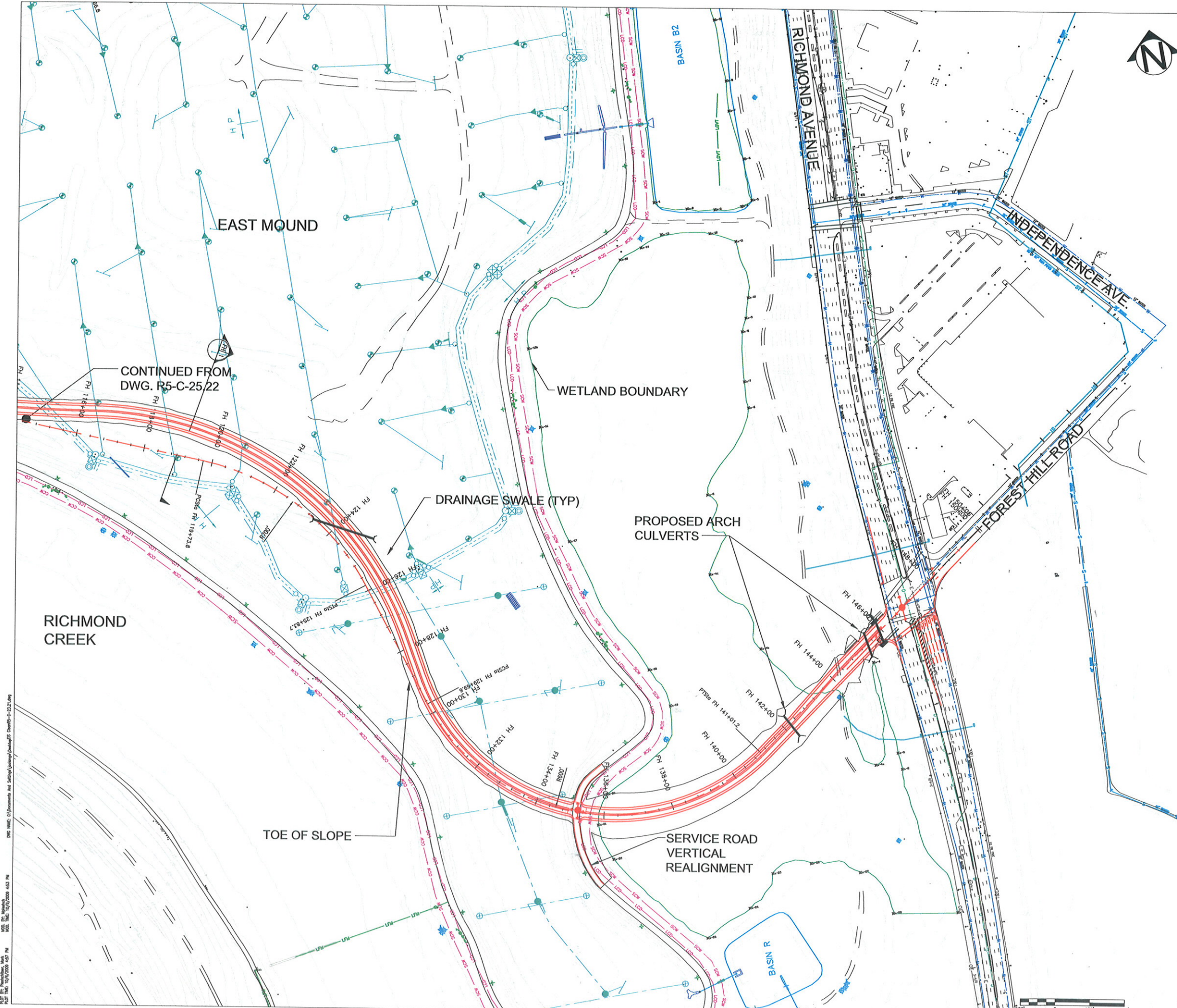
PROJECT TITLE:
 FRESH KILLS PARK

DRAWING TITLE:
 RICHMOND HILL EXTENSION
 4 LANE PLAN - 2036
 SHEET 2 OF 2

DESIGNED BY: DSN	DRAWN BY: DSN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Anna Israel	REVIEWED-PROJECT MGR: Angela Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Hatala	CONTRACT NO.: TBD

THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.

DATE: 10.05.09	SCALE: 1"=100'	DRAWING NO.: R1-C-23.42	SHEET NO. / SHEETS 14 / 14
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NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

UTILITIES LEGEND

	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCE MAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:

fo
 Field Operations
 475 Tenth Ave, 10FL, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

HDR
 HDR | Daniel, Mann, Johnson & Mendenhall, Inc.
 500 Seventh Avenue
 New York, NY 10018
 Tel (212) 543-6000 Fax (212) 542-6100
 www.hdr.com

City of New York
 Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

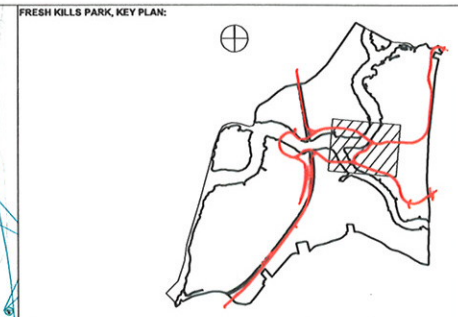
DRAWING TITLE:
**FOREST HILL EXTENSION
 2 LANE PLAN - 2036
 SHEET 1 OF 2**

DESIGNED BY: DSN	DRAWN BY: DSN	CHECKED BY: CRK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Israel	REVIEWED-PROJECT MNGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nasall	CONTRACT NO.: TBD

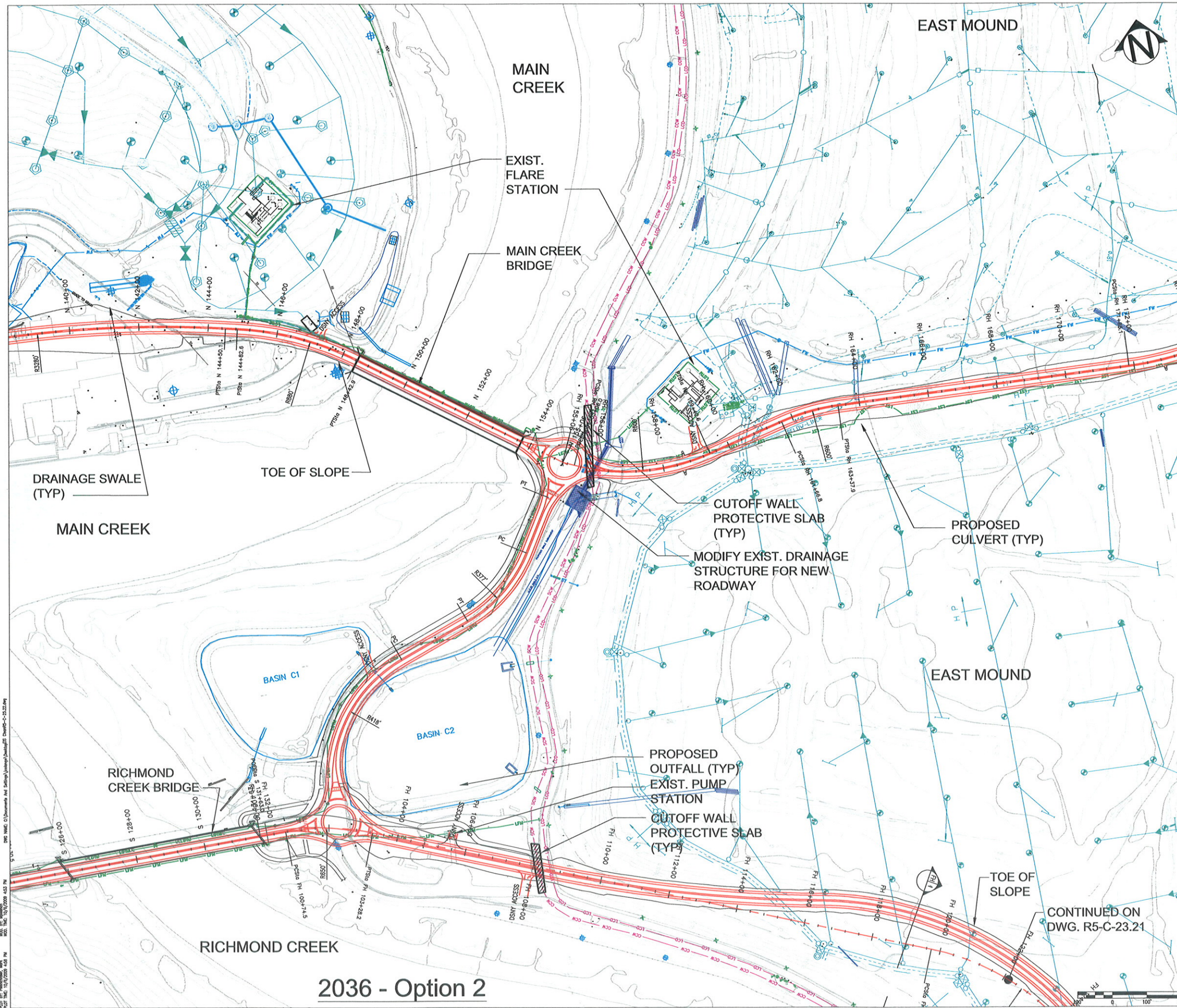
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.

DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R5-C-23.21	SHEET NO. / SHEETS
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NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.



UTILITIES LEGEND

G	NATIONAL GRID GAS
LGTM	LANDFILL GAS TRANSMISSION MAIN
LST	LEACHATE STONE TRENCH
SCW	CUTOFF WALL (SOIL-BENTONITE)
CCW	CUTOFF WALL (CEMENT-BENTONITE)
LFM	LEACHATE FORCE MAIN
LCD	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
UE	UNDERGROUND ELECTRIC
FW	FIRE WATER
E	ELECTRIC
ST	STORM
S	SANITARY SEWER
V	WATER
OMH	MANHOLE

LEAD CONSULTANT:

fo
 Field Operations
 475 Tenth Ave, 10FL, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

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 HDR | Daniel, Mann, Johnson & Mendenhall
 500 Seventh Avenue
 New York, NY 10018
 Tel: (212) 542-4000 Fax: (212) 542-6100
 www.hdr.com

City of New York
 Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE: FRESH KILLS PARK

DRAWING TITLE: EAST LOOP ALIGNMENT 2 LANE PLAN - 2036 SHEET 2 OF 2

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Amao Serradell	REVIEWED-PROJECT MGR: Angelynn Chandler
APPROVED-CHIEF OF DESIGN: Charles McSherry	APPROVED-CHIEF ENGINEER: John Nasto	CONTRACT NO.: TBD

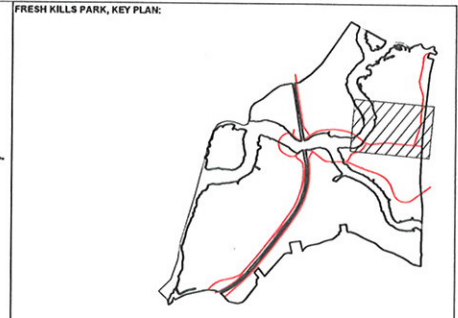
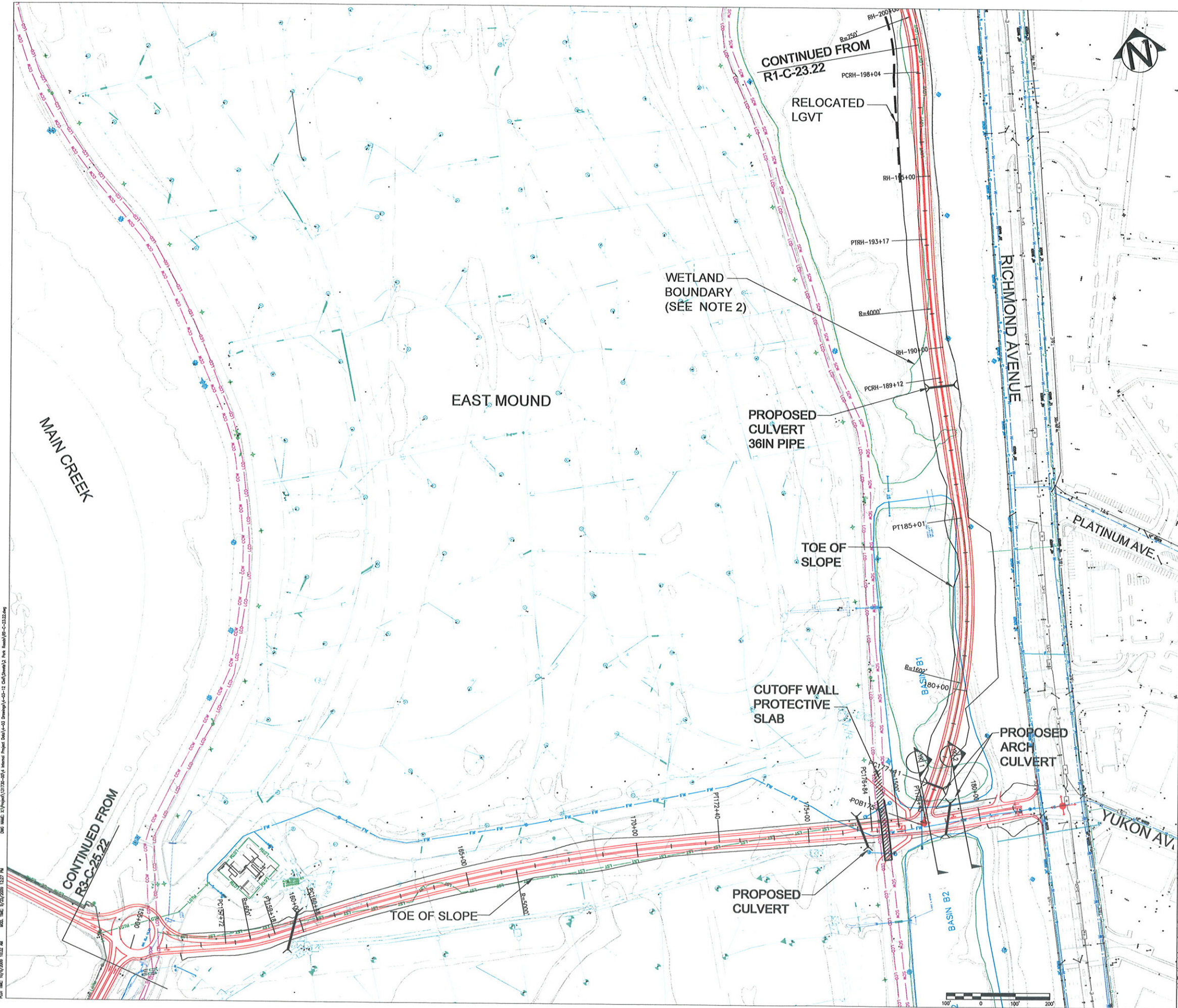
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.

DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R5-C-25.22	SHEET NO. / SHEETS: 16
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2036 - Option 2

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 PLOT TITLE: 10/17/2009 1:55 PM



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2. WETLAND BOUNDARIES AS SHOWN ARE PRELIMINARY AND SUBJECT TO VERIFICATION.

UTILITIES LEGEND	
(Green dashed line)	NATIONAL GRID GAS
(Green dashed line)	LANDFILL GAS TRANSMISSION MAIN
(Green dashed line)	LEACHATE STONE TRENCH
(Green dashed line)	CUTOFF WALL (SOIL-BENTONITE)
(Green dashed line)	CUTOFF WALL (CEMENT-BENTONITE)
(Green dashed line)	LEACHATE FORCEMAIN
(Green dashed line)	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
(Green dashed line)	UNDERGROUND ELECTRIC
(Blue dashed line)	FIRE WATER
(Blue dashed line)	ELECTRIC
(Blue dashed line)	STORM
(Blue dashed line)	SANITARY SEWER
(Blue dashed line)	WATER
(Blue circle)	MANHOLE

LEAD CONSULTANT:

fo
Field Operations
475 Tenth Ave., 10FL, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

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City of New York
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Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE: FRESH KILLS PARK

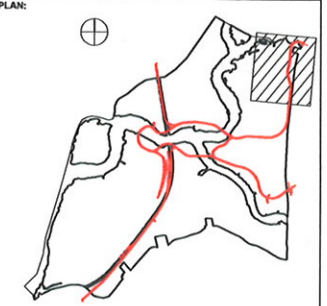
DRAWING TITLE: RICHMOND HILL EXTN 2036
2 LANE PLAN
SHEET 1 OF 2

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Anna Isreal	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Hirsch	CONTRACT NO.: TBD

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DATE: 10.05.09 SCALE: 1"=100' DRAWING NO.: R9-C-23.22 SHEET NO. / SHEETS

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NOTES:
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UTILITIES LEGEND	
	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCEMAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:
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 Flushing, New York

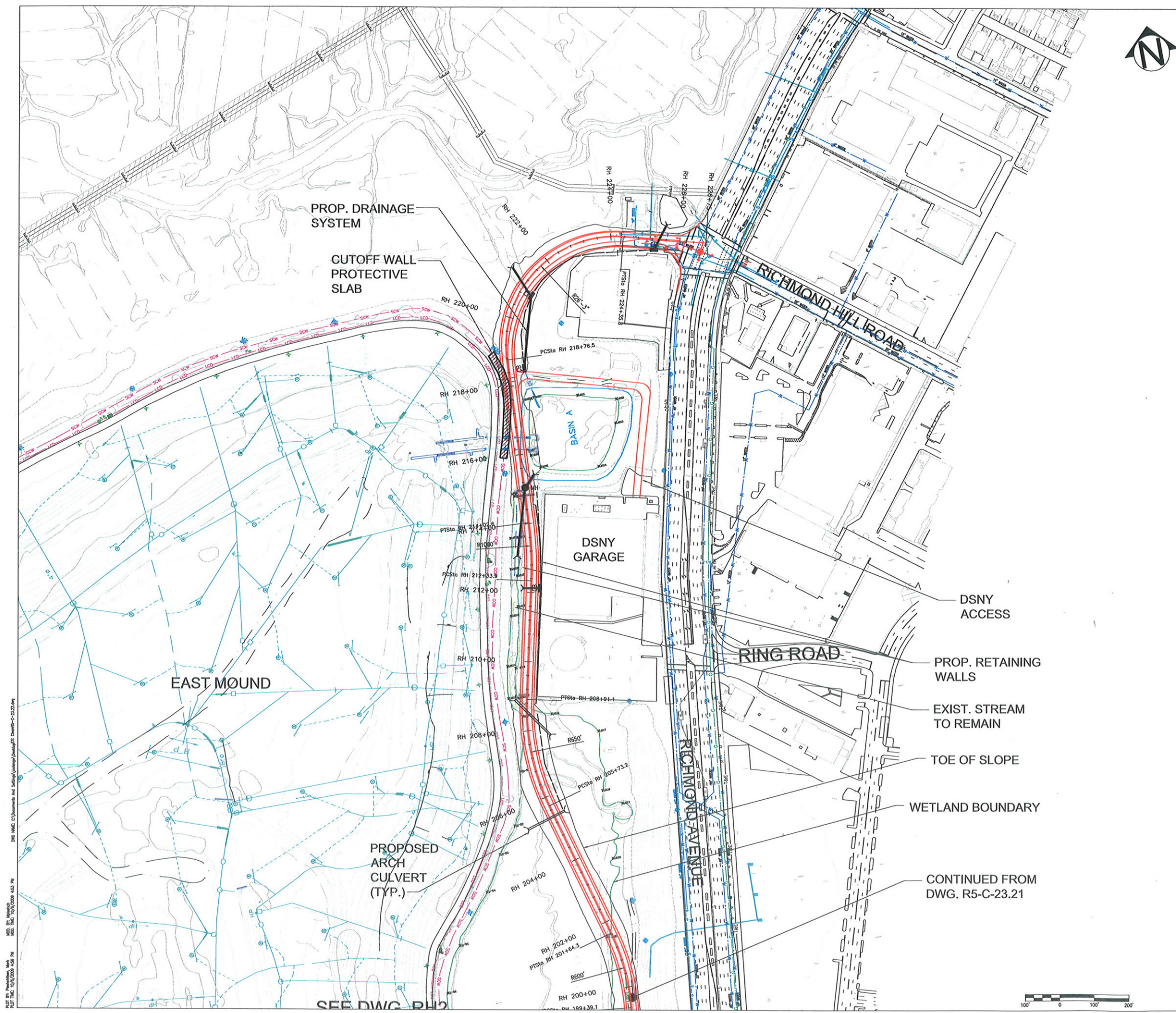
PROJECT TITLE:
 FRESH KILLS PARK

DRAWING TITLE:
 RICHMOND HILL EXTENSION
 2 LANE PLAN - 2036
 SHEET 2 OF 2

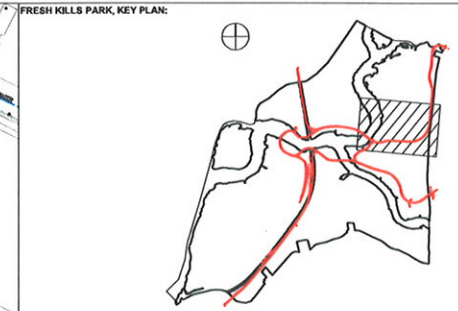
DESIGNED BY: DSN	DRAWN BY: DSN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nasoli	CONTRACT NO.: TBD

THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.

DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R1-C-23.22	SHEET NO. / SHEETS
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DATE: 10/6/09
 TIME: 10:30 AM
 DRAWN BY: DSN
 CHECKED BY: CHK
 PROJECT: FRESH KILLS PARK
 SHEET: RICHMOND HILL EXTENSION 2 LANE PLAN - 2036 SHEET 2 OF 2



NOTES:
 1. THE DESIGN IS BASED ON DSNY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSNY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

UTILITIES LEGEND	
	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCE MAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:

FO
 Field Operations
 475 Tenth Ave, 10th Fl, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

HDR
 HOK | Skidmore | Partners
 500 Seventh Avenue
 New York, NY 10018
 Tel: (212) 542-6000 Fax: (212) 542-6100
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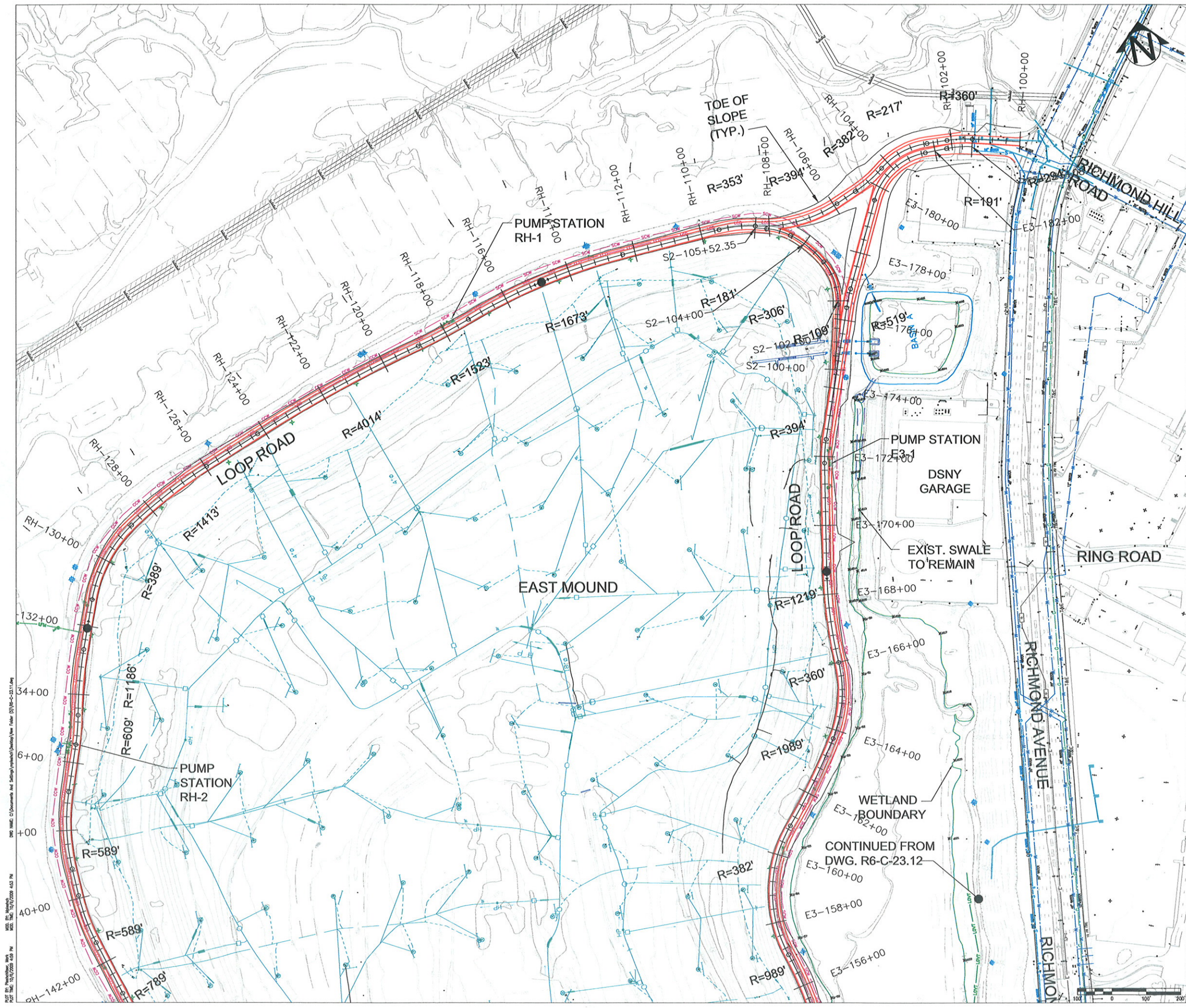
City of New York
 Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE: FRESH KILLS PARK

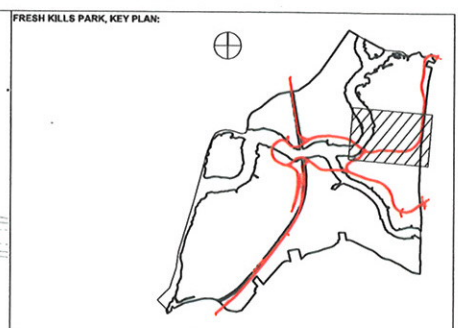
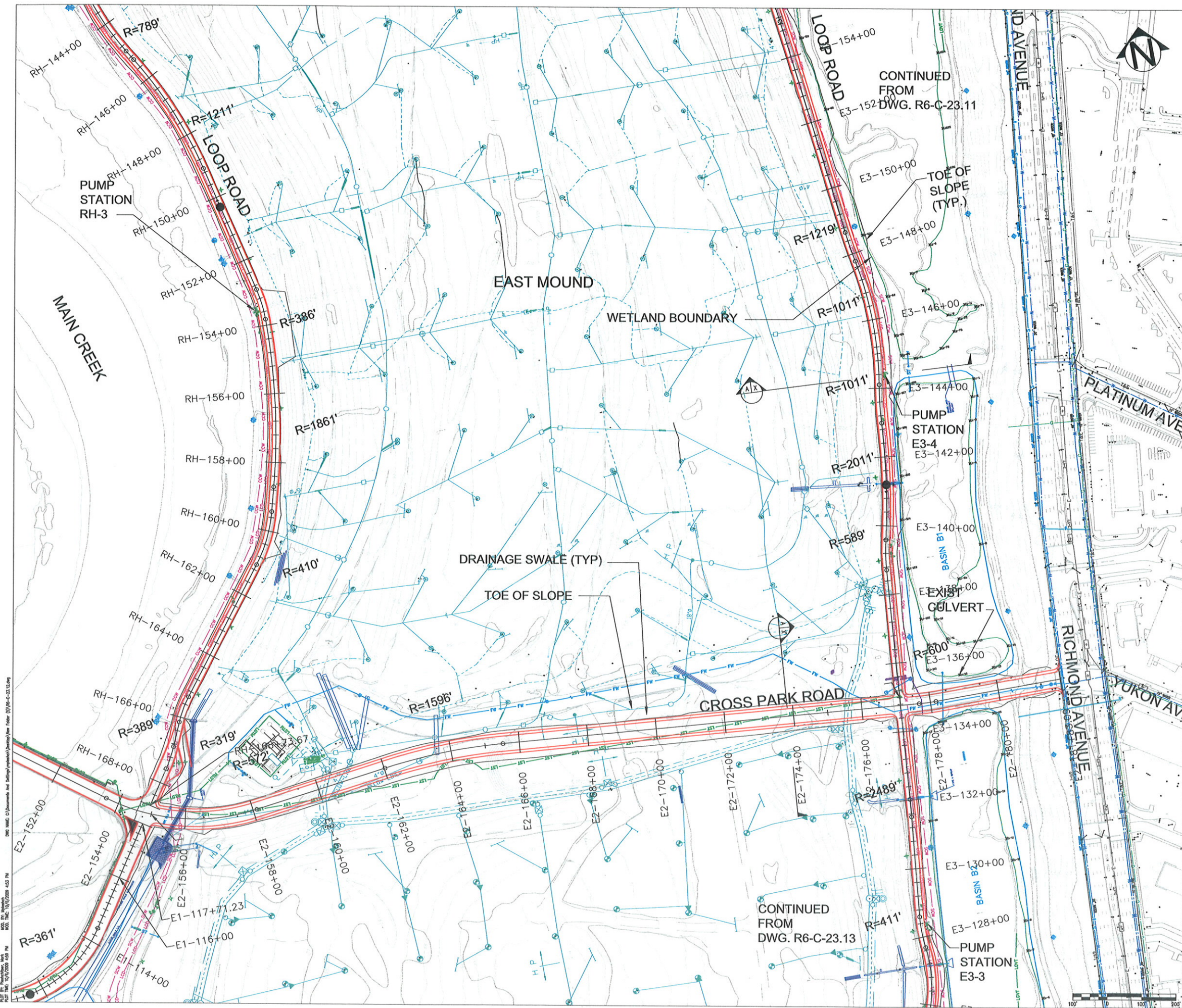
DRAWING TITLE: ALTERNATIVE A ALIGNMENT
 2 LANE PLAN - 2036
 SHEET 1 OF 4

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nasoli	CONTRACT NO.: TBD

DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-23.11	SHEET NO. / SHEETS: 1 / 4
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DATE: 10/6/09
 TIME: 10:00 AM
 PROJECT: FRESH KILLS PARK
 DRAWING: R6-C-23.11
 SHEET: 1 OF 4
 DESIGNED BY: DSN
 DRAWN BY: DRN
 CHECKED BY: CHK
 REVIEWED-TEAM LEADER: Mike Browne
 FORESTRY: Arno Israel
 REVIEWED-PROJECT MGR: Angelyn Chandler
 APPROVED-CHIEF OF DESIGN: Charles McKinney
 APPROVED-CHIEF ENGINEER: John Nasoli
 CONTRACT NO.: TBD
 DATE: 10.06.09
 SCALE: 1"=100'
 DRAWING NO.: R6-C-23.11
 SHEET NO. / SHEETS: 1 / 4



NOTES:
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UTILITIES LEGEND	
—G—G—	NATIONAL GRID GAS
—LGM—LGM—	LANDFILL GAS TRANSMISSION MAIN
—LST—LST—	LEACHATE STONE TRENCH
—SCW—SCW—	CUTOFF WALL (SOIL-BENTONITE)
—CCW—CCW—	CUTOFF WALL (CEMENT-BENTONITE)
—LFM—LFM—	LEACHATE FORCEMAIN
—LCD—LCD—	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
—UE—UE—	UNDERGROUND ELECTRIC
—FW—FW—	FIRE WATER
—E—E—	ELECTRIC
—ST—ST—	STORM
—S—S—	SANITARY SEWER
—W—W—	WATER
—OMH—	MANHOLE

LEAD CONSULTANT:
fo
 Field Operations
 475 7th Ave, 10th Fl, New York, NY 10018 212-433-1450

SUB-CONSULTANT:
HDR
 HDR | Daniel Frankfort
 503 Seventh Avenue
 New York, NY 10018
 Tel: (212) 449-8000 Fax: (212) 542-6100
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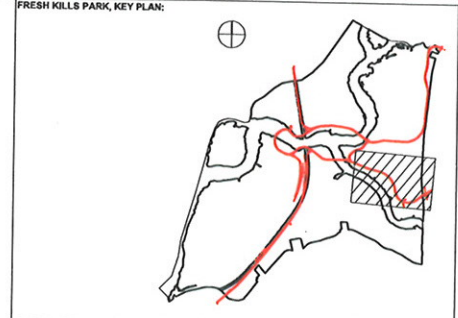
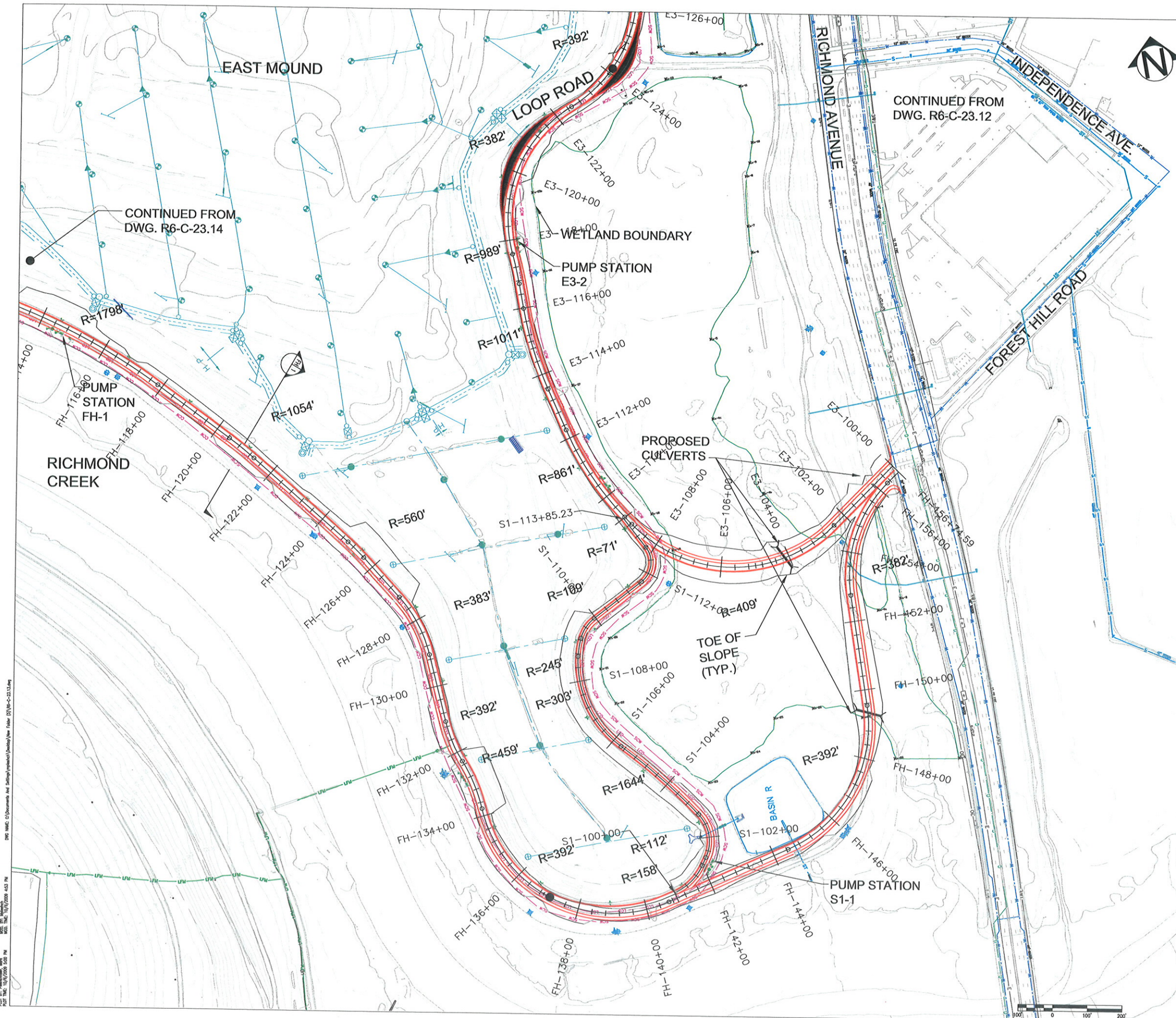
City of New York
 Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

DRAWING TITLE:
**ALTERNATIVE A ALIGNMENT
 2 LANE PLAN - 2036
 SHEET 2 OF 4**

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Isenalt	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinley	APPROVED-CHIEF ENGINEER: John Nardi	CONTRACT NO.: TWO
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.		
DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-23.12
		SHEET NO. / SHEETS 7 / 7

DATE PLOTTED: 10/20/09 10:53 AM
 PLOT FILE: R6-C-23.12.dwg
 PLOT SCALE: 1"=100'
 PLOT SHEET: 7 OF 7
 PLOT DEVICE: HP DesignJet 2450



NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

UTILITIES LEGEND

	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCE MAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:
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SUB-CONSULTANT:
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 500 Seventh Avenue
 New York NY 10018
 Tel: (212) 512-4000 Fax: (212) 512-4100
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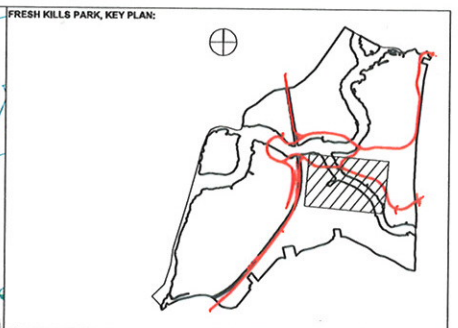
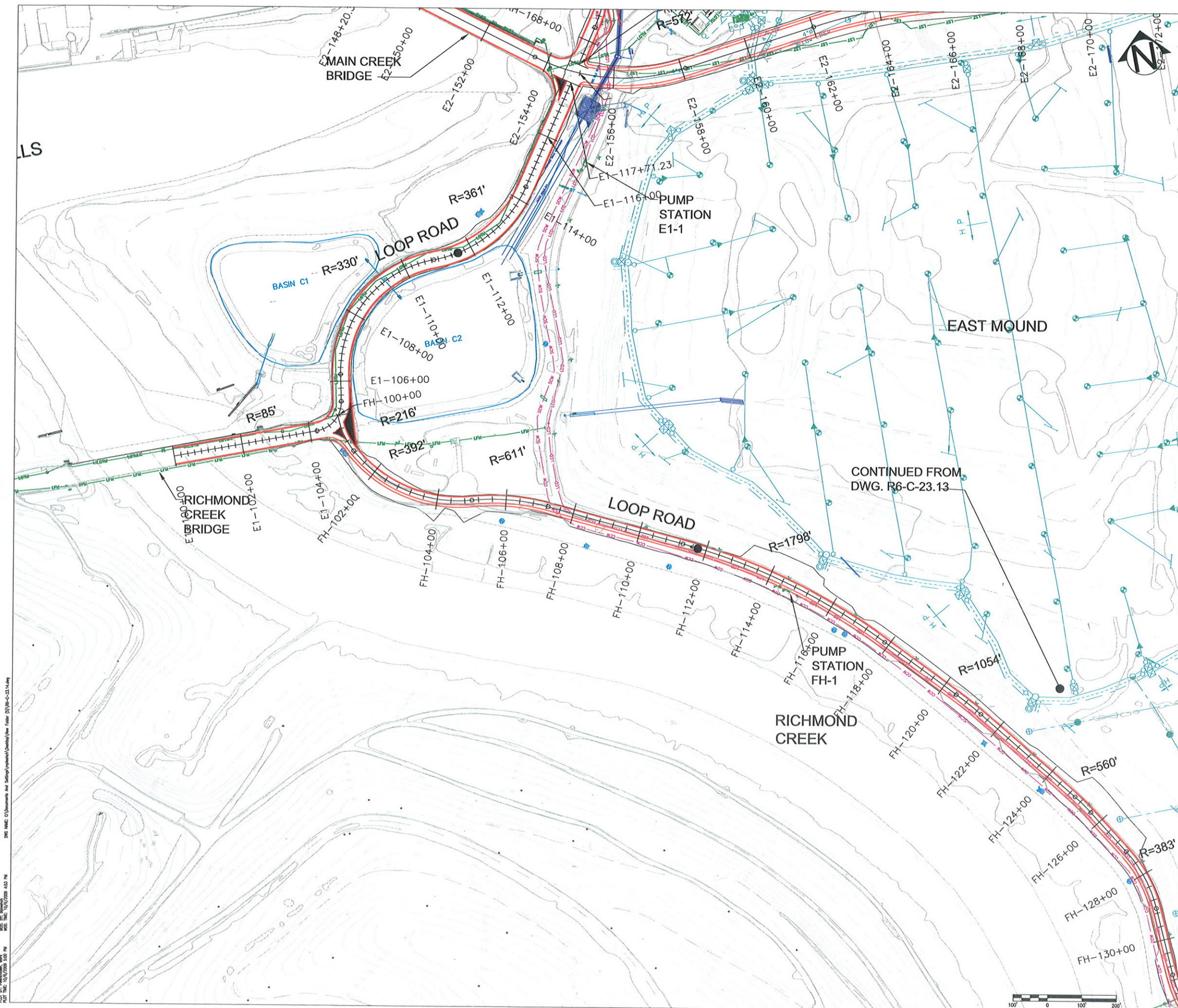
**City of New York
 Parks & Recreation**
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

DRAWING TITLE:
**ALTERNATIVE A ALIGNMENT
 2 LANE PLAN - 2036
 SHEET 3 OF 4**

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno forest	REVIEWED-PROJECT MNGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles Robinson	APPROVED-CHIEF ENGINEER: John Nardi	CONTRACT NO.: TBD
DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-23.13
		SHEET NO. / SHEETS 7 / 8

DATE PLOTTED: 10/17/2009 4:53 PM
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NOTES:
 1. THE DESIGN IS BASED ON DSNY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSNY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

UTILITIES LEGEND

	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCE MAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:
fo
 Field Operations
 475 Tenth Ave, 10FL, New York, NY 10018 215-433-1450

SUB-CONSULTANT:
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 HDR | Daniel, Mann, Johnson & Mendenhall
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 New York, NY 10018
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 Flushing, New York

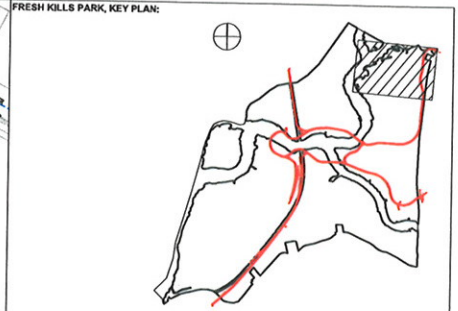
PROJECT TITLE:
FRESH KILLS PARK

DRAWING TITLE:
**ALTERNATIVE A ALIGNMENT
 2 LANE PLAN - 2036
 SHEET 4 OF 4**

DESIGNED BY: DSN	DRAWN BY: DYN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mita Browne	FORESTRY: Arno Israel	REVIEWED-PROJECT MNGR: Angela Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Natsis	CONTRACT NO.: TBD

DATE: 10.06.09
 SCALE: 1"=100'
 DRAWING NO.: R6-C-23.14
 SHEET NO. / SHEETS

PLOT BY: [unclear] DATE: 10/17/2009 4:53 PM
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NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

UTILITIES LEGEND	
	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCEMAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:
fo
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 475 Tenth Ave, 10FL, New York, NY 10018 215-433-1450

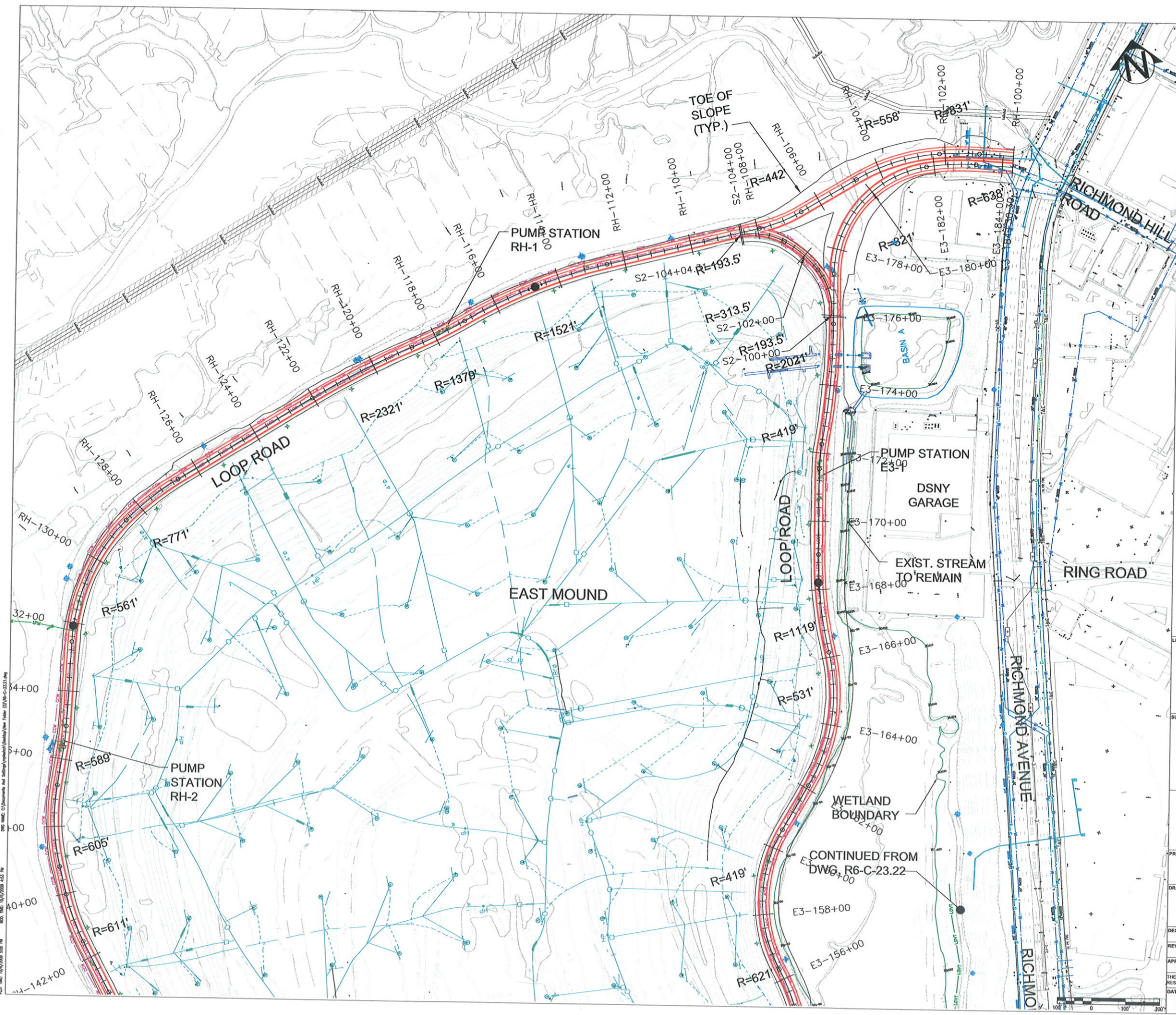
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 Flushing Meadows-Corona Park
 Flushing, New York

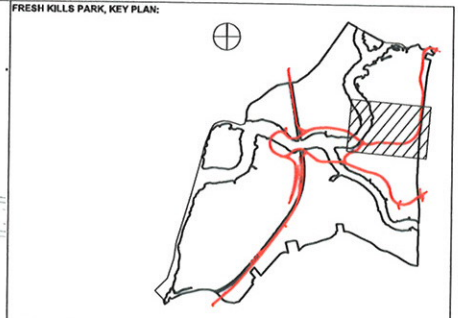
PROJECT TITLE:
 FRESH KILLS PARK

DRAWING TITLE:
 ALTERNATIVE B ALIGNMENT
 2 LANE PLAN - 2036
 SHEET 1 OF 4

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nasol	CONTRACT NO.: TBD
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.		
DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-23.21
		SHEET NO. / SHEETS 1 / 4



DATE: 10/06/09
 TIME: 10:00 AM
 PROJECT: FRESH KILLS PARK
 DRAWING: ALTERNATIVE B ALIGNMENT 2 LANE PLAN - 2036
 SHEET: 1 OF 4



NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

UTILITIES LEGEND

	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCEMAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:

Field Operations
 475 Tenth Ave, 10th Floor, New York, NY 10018 212-433-1450

SUB-CONSULTANT:

HDR
 HDR | CONSULTANTS
 500 Riverside Avenue
 New York, NY 10018
 TEL (212) 512-6000 FAX (212) 512-6100
 www.hdr.com

**City of New York
 Parks & Recreation**
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE: **FRESH KILLS PARK**

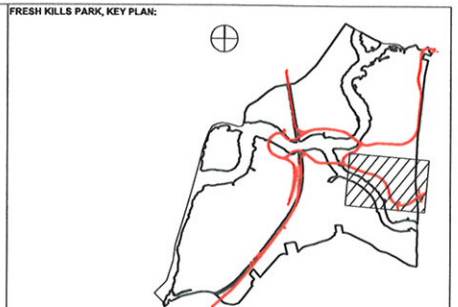
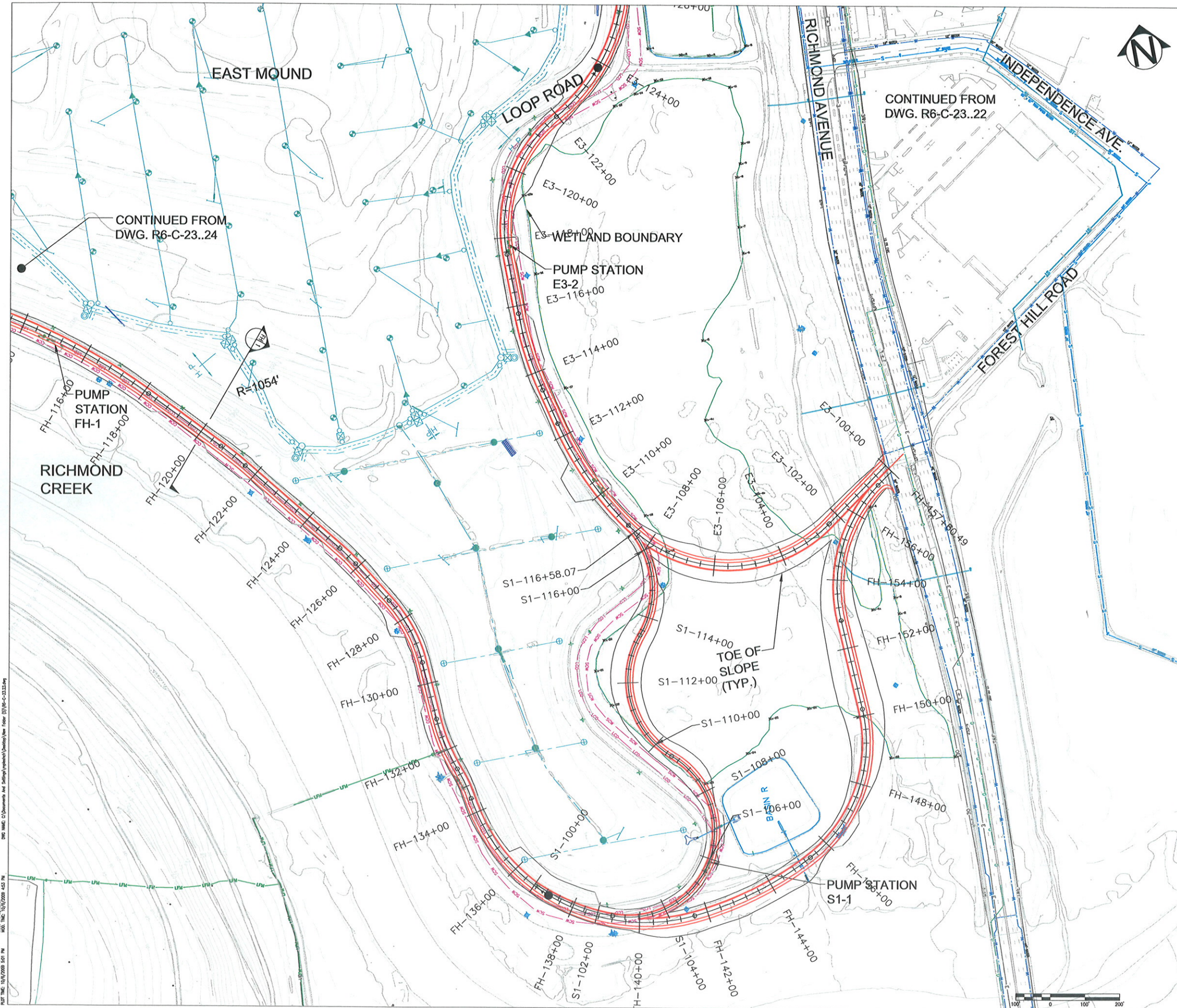
DRAWING TITLE: **ALTERNATIVE B ALIGNMENT
 2 LANE PLAN - 2036
 SHEET 2 OF 4**

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arne Isreal	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Naselli	CONTRACT NO.: TBD

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DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-23.22	SHEET NO. / SHEETS: 2 / 4
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UTILITIES LEGEND

	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCEMAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:

 Field Operations
 475 Tenth Ave, 10th Fl, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

 HDR | Daniel Frank, Inc.
 509 Seventh Avenue
 New York, NY 10018
 Tel (212) 542-6000 Fax (212) 542-6100
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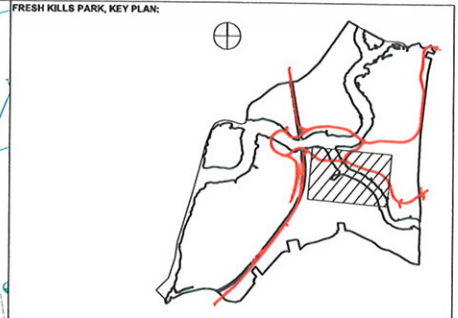
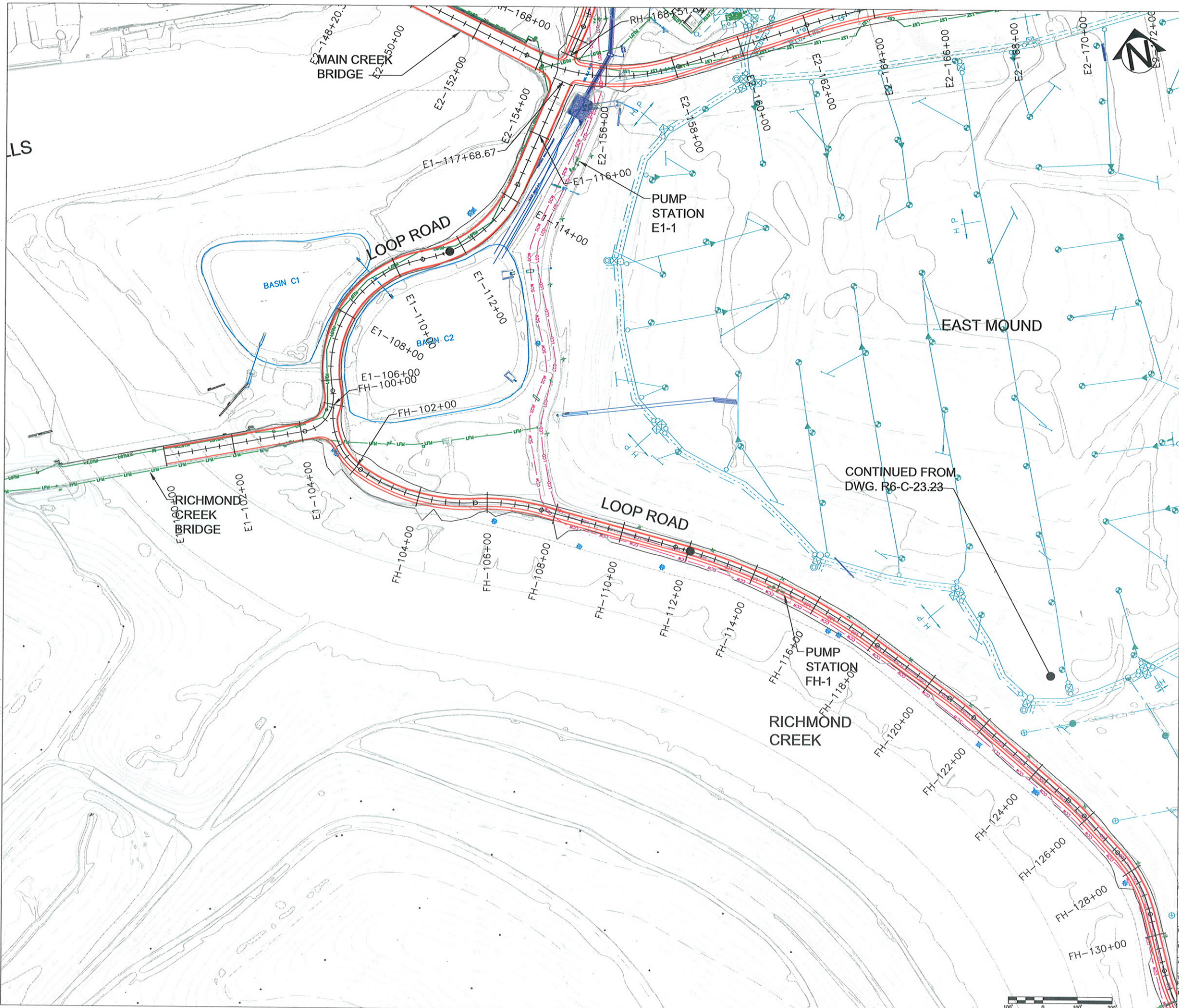
City of New York
 Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
 FRESH KILLS PARK

DRAWING TITLE:
 ALTERNATIVE B ALIGNMENT
 2 LANE PLAN - 2036
 SHEET 3 OF 4

DESIGNED BY: DSN	DRAWN BY: DYN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Miss Biscione	FORESTRY: Aime Iversal	REVIEWED-PROJECT MGR: Angelyn Grandier
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nasoli	CONTRACT NO.: TBO
DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-23.23
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UTILITIES LEGEND	
	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCEMAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

CONTINUED FROM DWG. R6-C-23.23

LEAD CONSULTANT:

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City of New York
 Parks & Recreation
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 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
 FRESH KILLS PARK

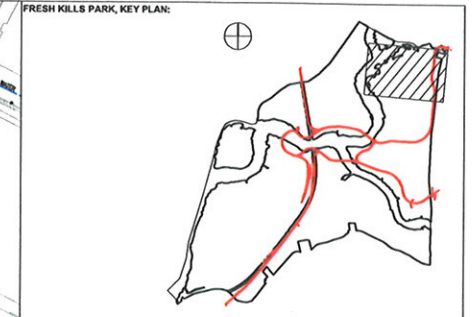
DRAWING TITLE:
 ALTERNATIVE B ALIGNMENT
 2 LANE PLAN - 2036
 SHEET 4 OF 4

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Anna Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nash	CONTRACT NO.: TBD

DATE: 10.06.09 SCALE: 1"=100' DRAWING NO.: R6-C-23.24 SHEET NO. / SHEETS

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UTILITIES LEGEND	
	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCE MAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:
fo
 Field Operations
 475 Terth Ave, 10FL, New York, NY 10018 215-433-1450

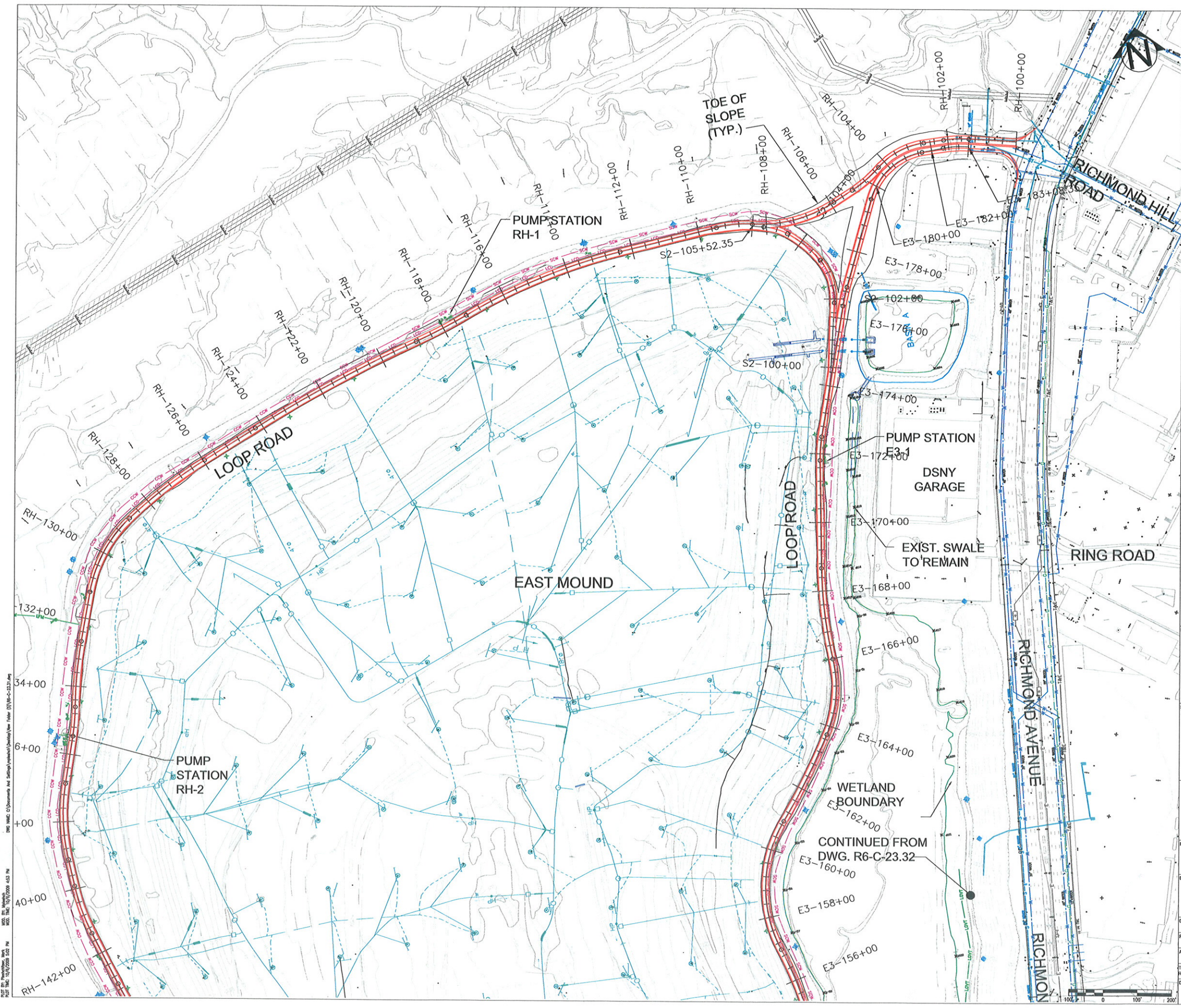
SUB-CONSULTANT:
HDR
 HDR | David Frankfort
 500 Seventh Avenue
 New York, NY 10015
 Tel: (212) 512-2000 Fax: (212) 512-6100
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 Flushing, New York

PROJECT TITLE:
 FRESH KILLS PARK

DRAWING TITLE:
 ALTERNATIVE A ALIGNMENT
 1 LANE PLAN - 2036
 SHEET 1 OF 4

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nash	CONTRACT NO.: TBD
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DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-23.31
		SHEET NO. / SHEETS 1 / 4



DATE: 10/06/09
 TIME: 10:00 AM
 DRAWN BY: DRN
 CHECKED BY: CHK
 DESIGNED BY: DSN
 PROJECT: FRESH KILLS PARK
 SHEET: 1 OF 4



NOTES:
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UTILITIES LEGEND

— G — G —	NATIONAL GRID GAS
— LGTM — LGTM —	LANDFILL GAS TRANSMISSION MAIN
— LST — LST —	LEACHATE STONE TRENCH
— SCW — SCW —	CUTOFF WALL (SOIL-BENTONITE)
— CCW — CCW —	CUTOFF WALL (CEMENT-BENTONITE)
— LFM — LFM —	LEACHATE FORCE MAIN
— LCO — LCO —	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
— UE —	UNDERGROUND ELECTRIC
— FW — FW —	FIRE WATER
— E —	ELECTRIC
— ST —	STORM
— S — S —	SANITARY SEWER
— W — W —	WATER
○ MH	MANHOLE

LEAD CONSULTANT:

fo
Field Operations
475 Tenth Ave, 10th Fl, New York, NY 10018 212-433-1450

SUB-CONSULTANT:

HDR
HDR | David Frankfort
503 Seventh Avenue
New York, NY 10018
Tel: (212) 543-4000 Fax: (212) 542-6100
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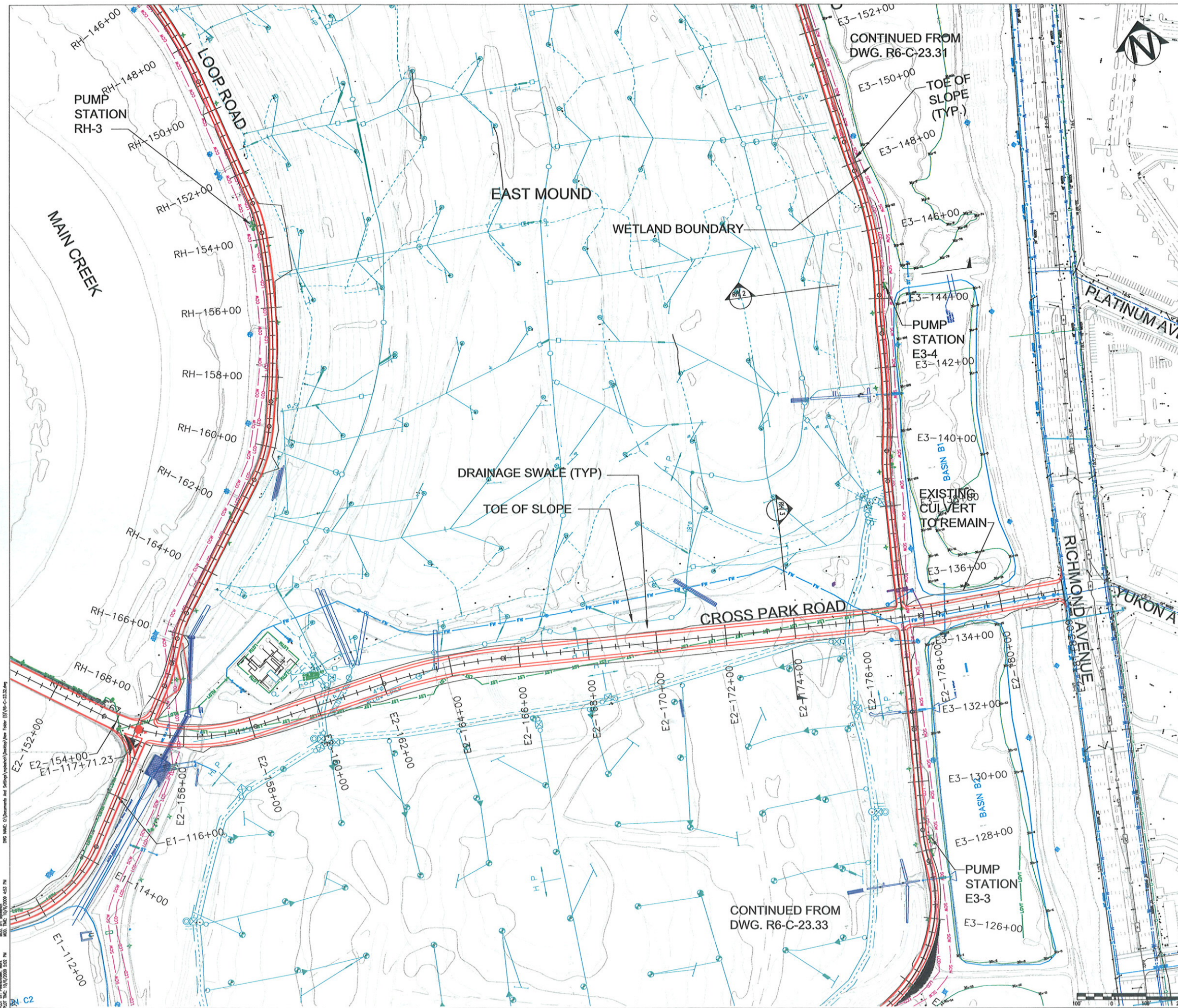
**City of New York
Parks & Recreation**
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE: FRESH KILLS PARK

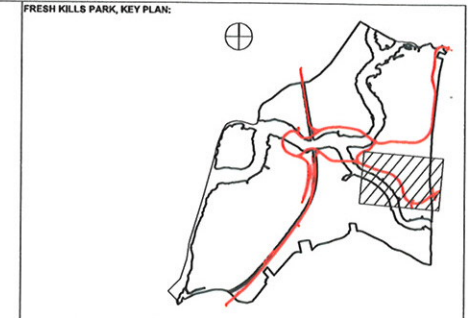
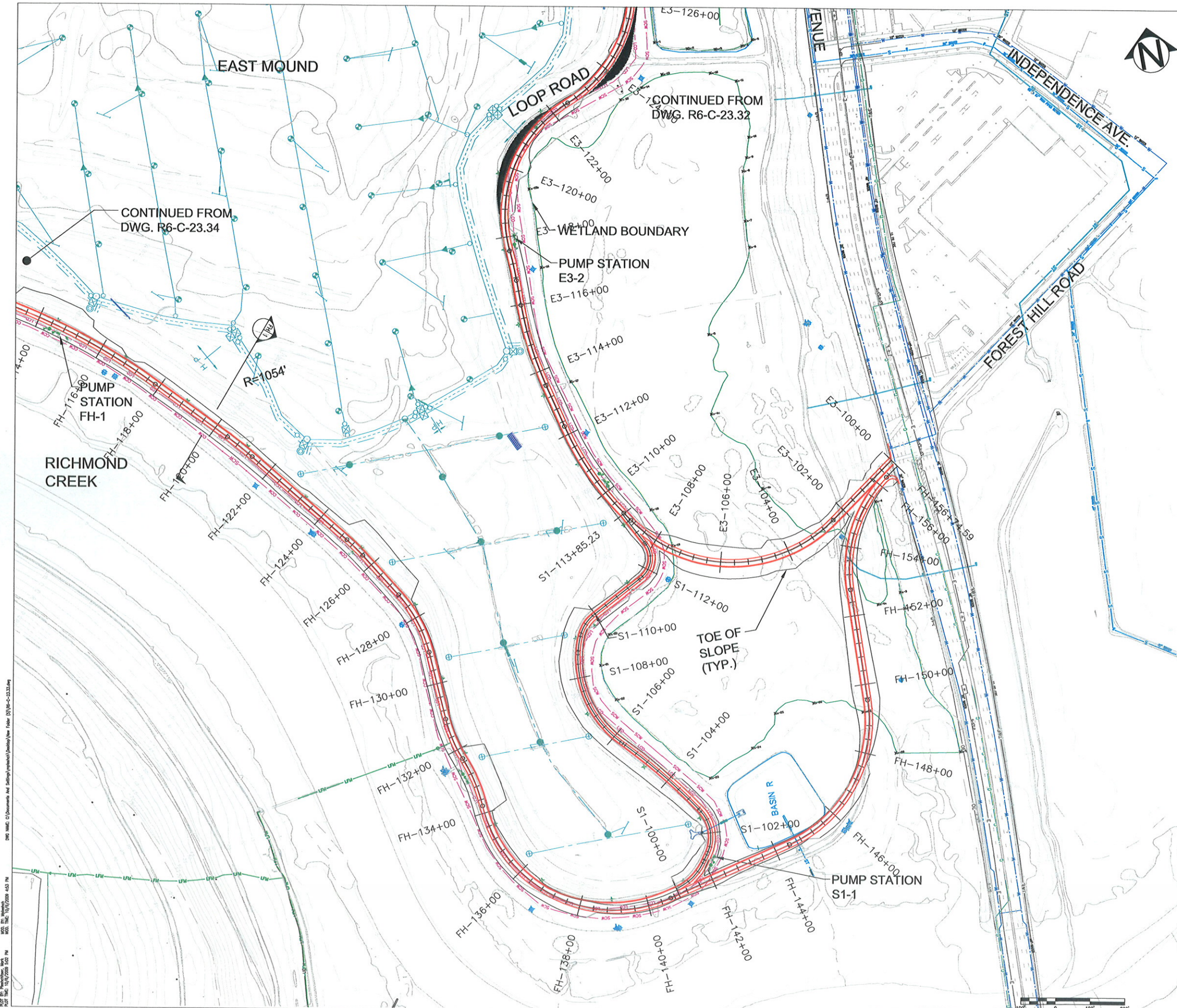
DRAWING TITLE: ALTERNATIVE A ALIGNMENT
1 LANE PLAN - 2036
SHEET 2 OF 4

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: TBD	CONTRACT NO.: TBD

DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-23.32	SHEET NO. / SHEETS
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 PLOTTER: HP DesignJet 2450
 PLOTTING: 10/6/09 10:53 AM
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 USER: jmc
 PLOTTER: HP DesignJet 2450
 PLOTTING: 10/6/09 10:53 AM



NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

UTILITIES LEGEND

	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCE MAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:

fo
 Field Operations
 475 Tenth Ave, 10FL New York, NY 10018 215-433-1450

SUB-CONSULTANT:

HDR
 HDR | Daniel Frankfort
 503 Seventh Avenue
 New York NY 10033
 Tel (212) 512-2000 Fax (212) 512-6100
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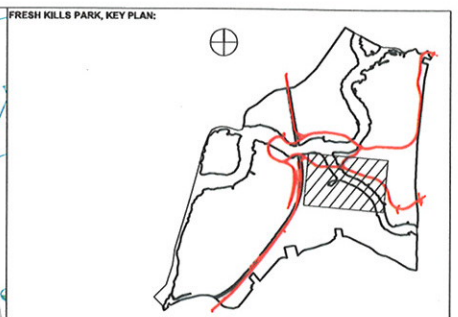
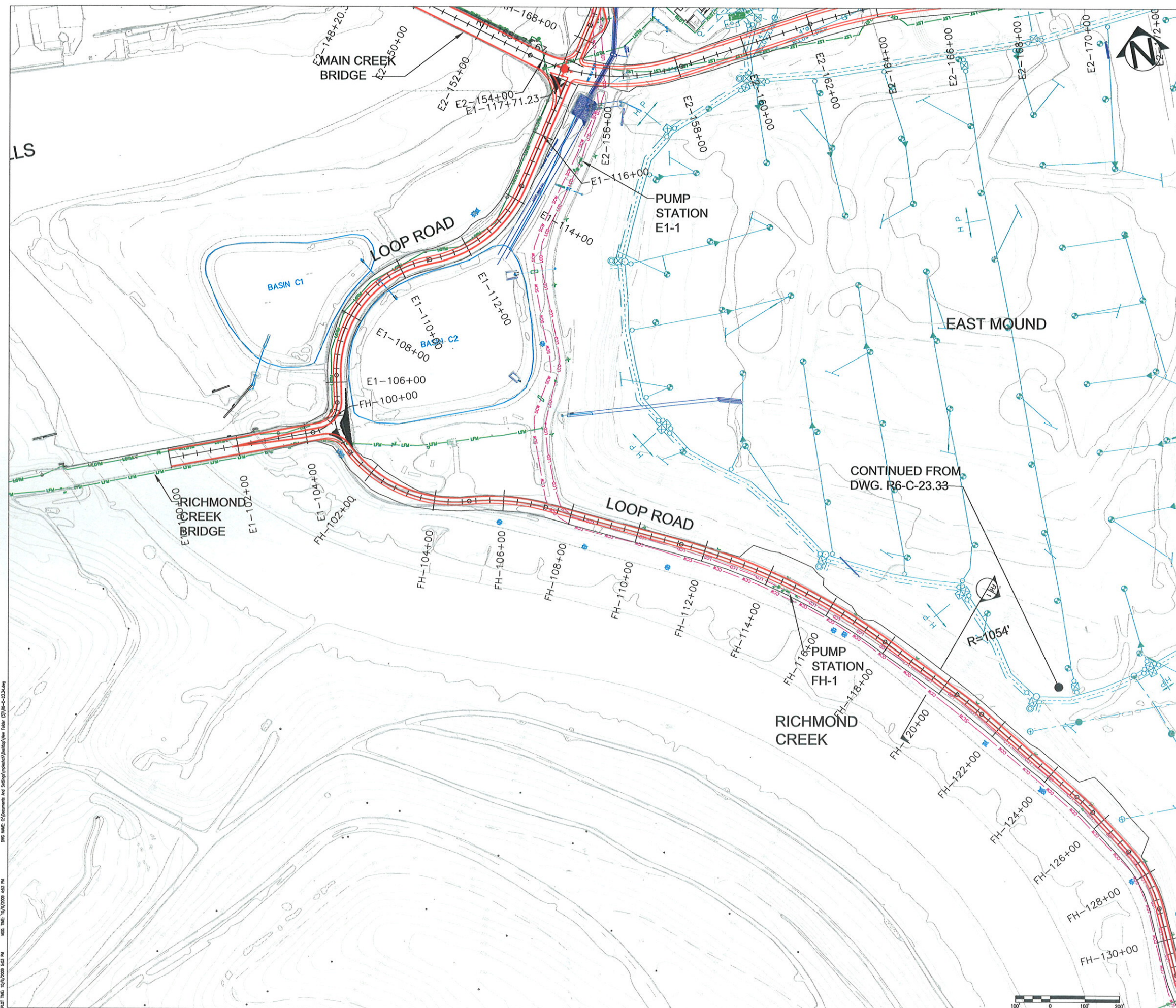
City of New York
 Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

DRAWING TITLE:
**ALTERNATIVE A ALIGNMENT
 1 LANE PLAN - 2036
 SHEET 3 OF 4**

DESIGNED BY: DSN	DRAWN BY: DIRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Anne Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Naselli	CONTRACT NO.: TBD
DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-23.33
SHEET NO. / SHEETS		

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NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

UTILITIES LEGEND

G	NATIONAL GRID GAS
LGTM	LANDFILL GAS TRANSMISSION MAIN
LST	LEACHATE STONE TRENCH
SCW	CUTOFF WALL (SOIL-BENTONITE)
CCW	CUTOFF WALL (CEMENT-BENTONITE)
LFM	LEACHATE FORCE MAIN
LCD	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
UE	UNDERGROUND ELECTRIC
FW	FIRE WATER
E	ELECTRIC
ST	STORM
S	SANITARY SEWER
W	WATER
MH	MANHOLE

CONTINUED FROM DWG. R6-C-23.33

LEAD CONSULTANT:

fo
 Field Operations
 475 Tenth Ave, 10th Fl, New York, NY 10018 215-433-1450

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 503 Seventh Avenue
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City of New York Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE: **FRESH KILLS PARK**

DRAWING TITLE: **ALTERNATIVE A ALIGNMENT 1 LANE PLAN - 2036 SHEET 4 OF 4**

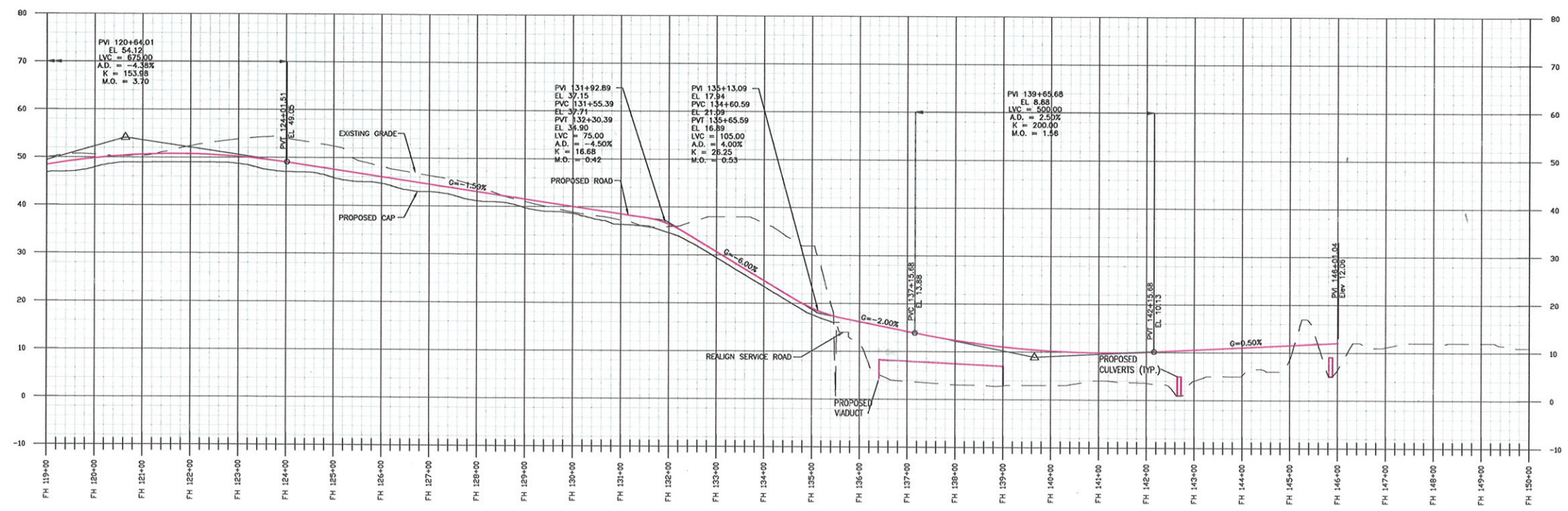
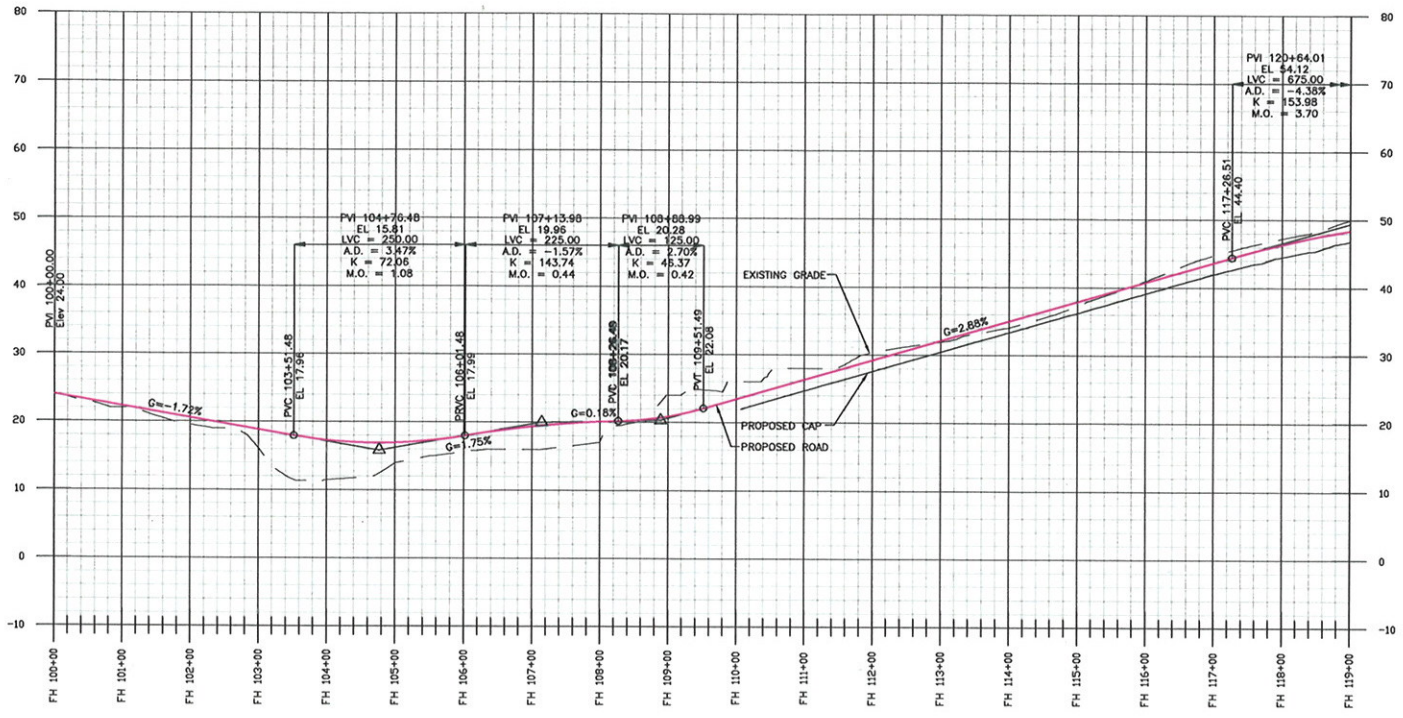
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REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Anne Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Napolitano	CONTRACT NO.: TBD

DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-23.34	SHEET NO. / SHEETS
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NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.



FOREST HILL ROAD PROFILE

H 1"=100', V 1"=10'



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 PLOT DATE: 10/10/2009 10:00 AM
 PLOT TIME: 10/10/2009 10:00 AM
 PLOT SCALE: 1/8"=1'-0"
 PLOT SHEET: 1 OF 1
 PLOT USER: J...
 PLOT DEVICE: HP DesignJet 5000...

LEAD CONSULTANT:

fo
 Field Operations
 475 Tenth Ave, 10FL, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

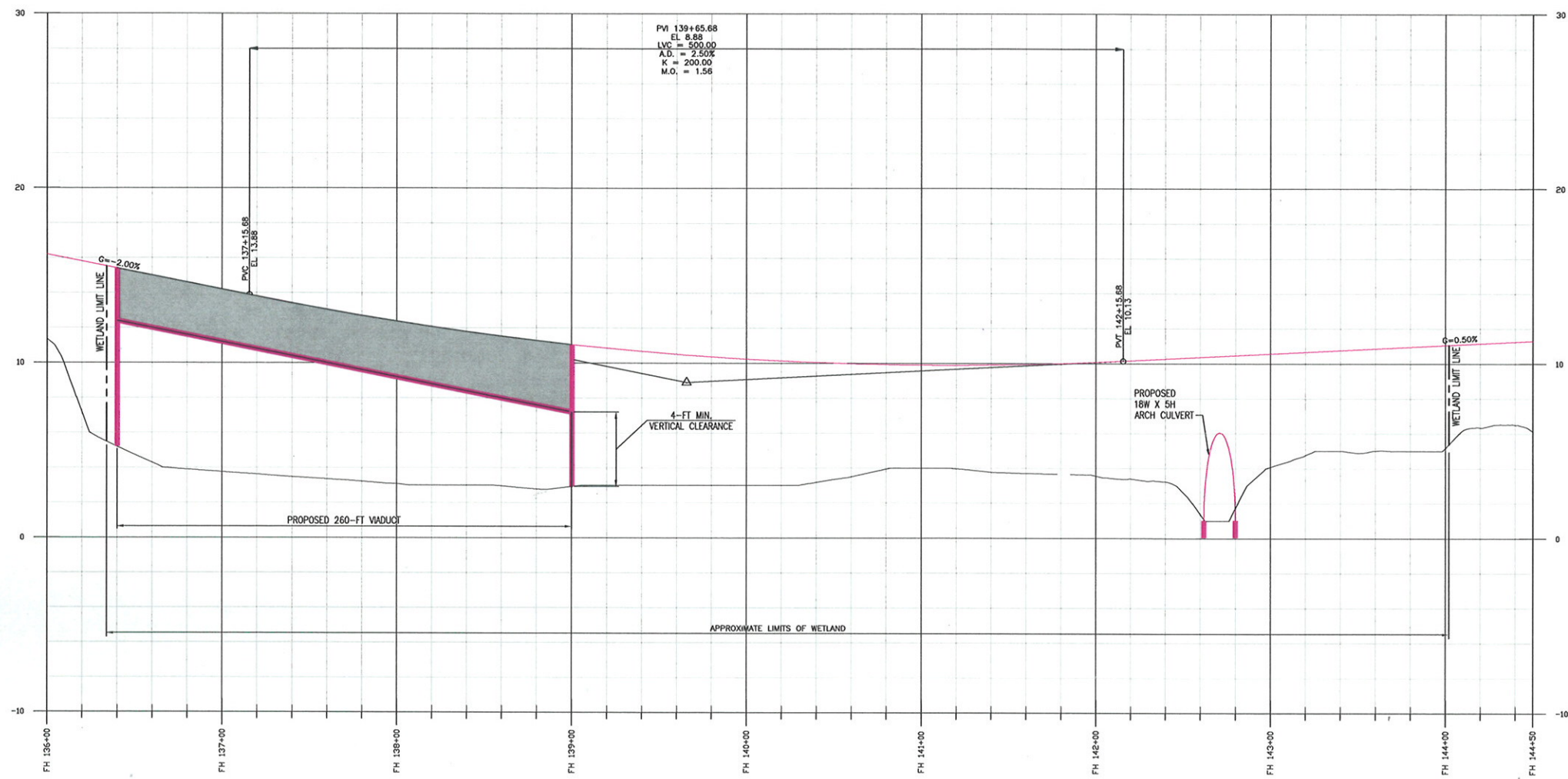
HDR
 HDR | Daniel Frankfort
 500 Seventh Avenue
 New York, NY 10018
 Tel (212) 542-6000 Fax (212) 542-6100
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PROJECT TITLE:
 FRESH KILLS PARK

DRAWING TITLE:
 FOREST HILL EXTENSION
 4-LANE - 2036 PROFILE,
 SHEET 1 OF 1

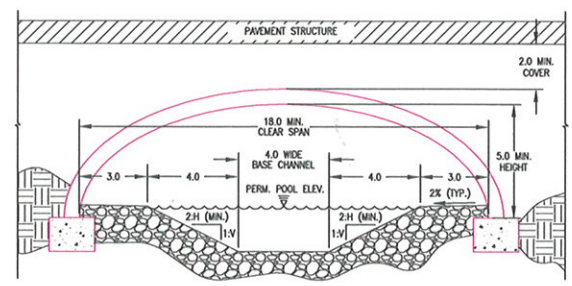
DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nastol	CONTRACT NO.: TBD
<small>THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.</small>		
DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R5-C-35.41
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NOTES:
 1. THE DESIGN IS BASED ON DSNY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSNY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

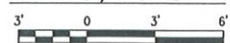
FOREST HILL ROAD PROFILE OVER WETLANDS - VIADUCT ALTERNATIVE

H 1"=30', V 1"=3'



TYPICAL OPEN-BOTTOM ARCH CULVERT

H 1"=3', V 1"=3'



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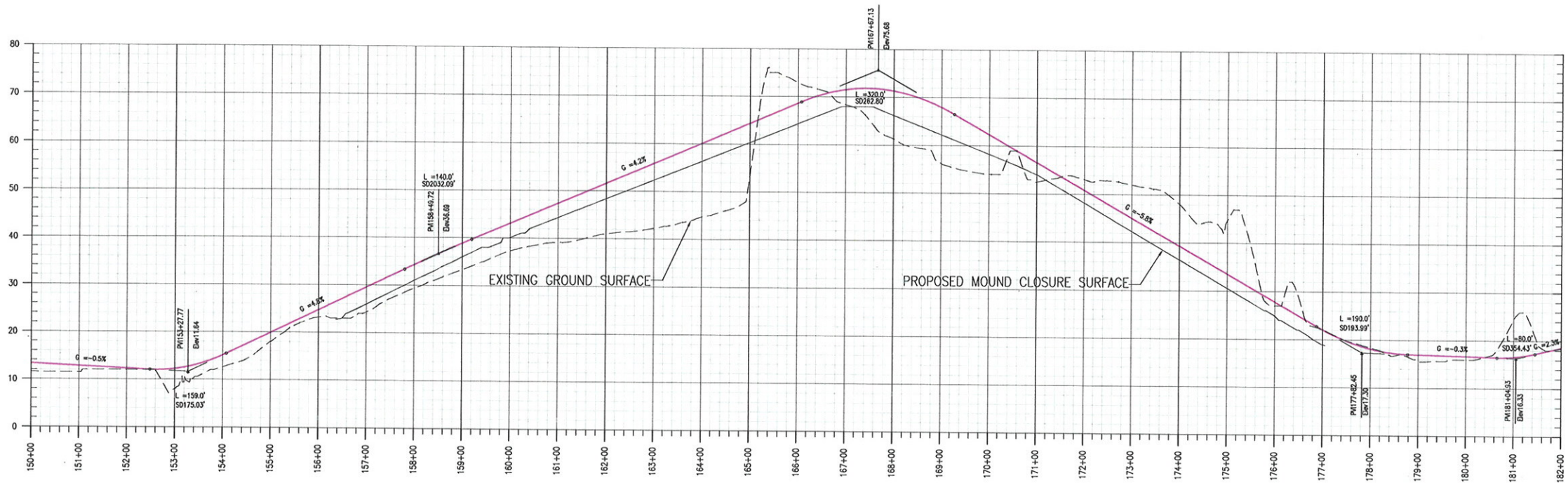
**City of New York
 Parks & Recreation**
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

DRAWING TITLE:
**FOREST HILL EXTENSION
 4-LANE - 2036 WETLAND
 PROFILE, SHEET 1 OF 1**

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHR
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Irsal	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nabol	CONTRACT NO.: TBO
DATE: 10.06.09	SCALE: 1"=30'	DRAWING NO.: R5-C-35.42
		SHEET NO. / SHEETS

DATE PLOTTED: 10/17/2009 10:09 AM
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 PLOT SCALE: 1"=30'



YUKON AVE PROFILE

H 1"=100', V 1"=10'



FRESH KILLS PARK, KEY PLAN:

NOTES:

1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.
2. FOR DETAILS OF ARCH CULVERTS SEE SHEET R9-C-35.23

LEAD CONSULTANT:



Field Operations
475 Tenth Ave., 10th Fl., New York, NY 10018 215-433-1400

SUB-CONSULTANT:



One Arup & Partners Consulting Engineers PC
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Tel: (212) 229-2659 Fax: (212) 229-1056
www.arup.com



**City of New York
Parks & Recreation**
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE:

FRESH KILLS PARK

DRAWING TITLE:

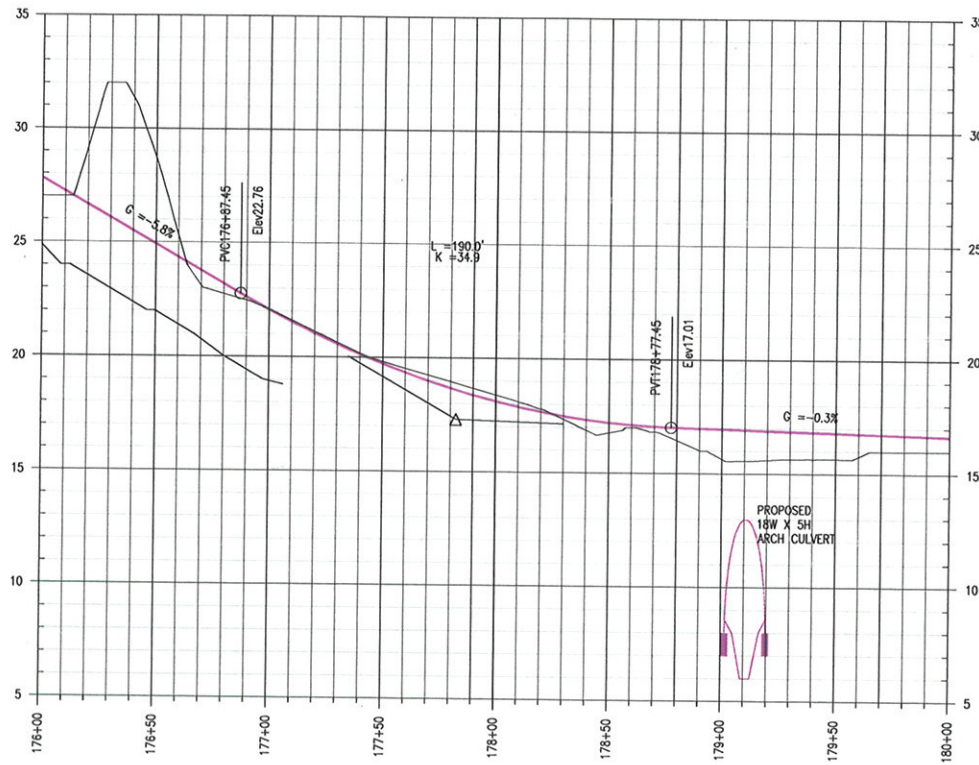
**YUKON AVE EXTENSION 2016
4 LANE
PROFILE**

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Isreal	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nallo	CONTRACT NO.: TBD

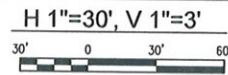
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.

DATE: 10.05.09	SCALE: 1"=100'	DRAWING NO.: R9-C-35.41	SHEET NO. / SHEETS
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 10/5/09 10:18 AM
 10/5/09 10:18 AM
 10/5/09 10:18 AM



YUKON AVE PROFILE OVER WETLANDS



FRESH KILLS PARK, KEY PLAN:

- NOTES:
1. THE DESIGN IS BASED ON DSNY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSNY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.
 2. FOR DETAILS OF ARCH CULVERTS SEE SHEET R9-C-35.23

LEAD CONSULTANT:

Field Operations
475 Tenth Ave, 10FL, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

One Arup & Partners Consulting Engineers PC
155 Avenue of the Americas
New York NY 10013
Tel (212) 229 2069 Fax (212) 229 1056
www.arup.com

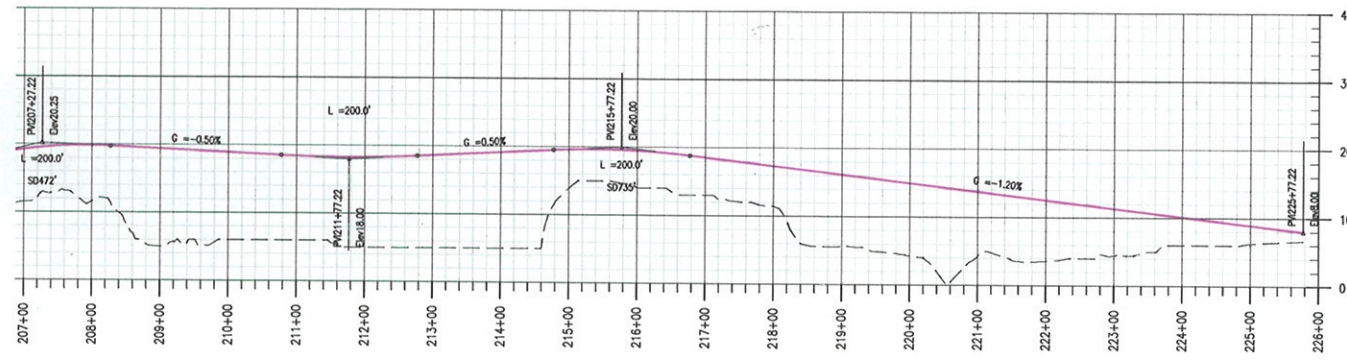
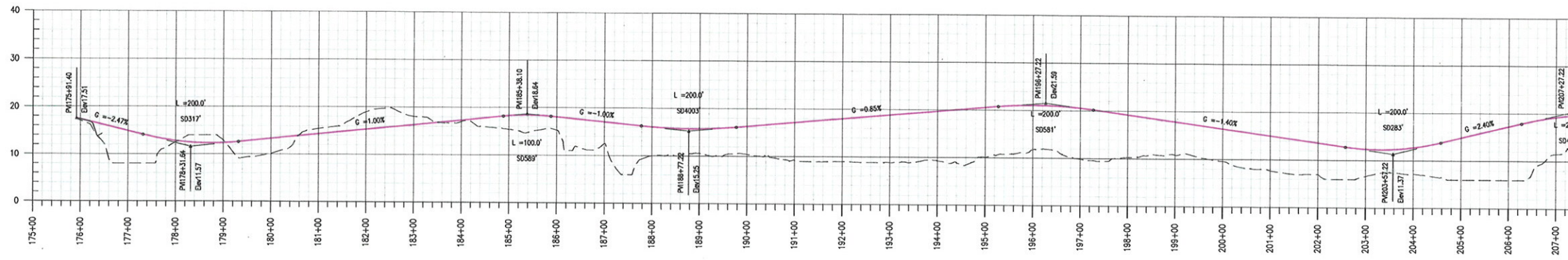
City of New York
Parks & Recreation
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

DRAWING TITLE:
YUKON AVE EXTENSION 2016
4 LANE
WETLAND PROFILE

DESIGNED BY: DSN	DRAWN BY: DSN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Broome	FORESTRY: Anna Rosal	REVIEWED-PROJECT MNGR: Angelyne Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Neri	CONTRACT NO.: TED
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DATE: 10.05.09	SCALE: 1"=100'	DRAWING NO.: R9-C-35.42
		SHEET NO. / SHEETS

PLOT BY: David Wilson DATE: 10/15/2009 8:11 AM
 PLOT TIME: 10/15/2009 2:48 PM
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NOTES:
 1. THE DESIGN IS BASED ON DSNY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSNY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.
 2. FOR DETAILS OF ARCH CULVERTS SEE SHEET R9-C-35.23

LEAD CONSULTANT:

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SUB-CONSULTANT:

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 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:

FRESH KILLS PARK

DRAWING TITLE:

RICHMOND HILL EXTENSION
 4 LANE
 PROFILE

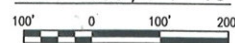
DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arie Israel	REVIEWED-PROJECT MGR: Angelina Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Habel	CONTRACT NO.: TBD

THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.

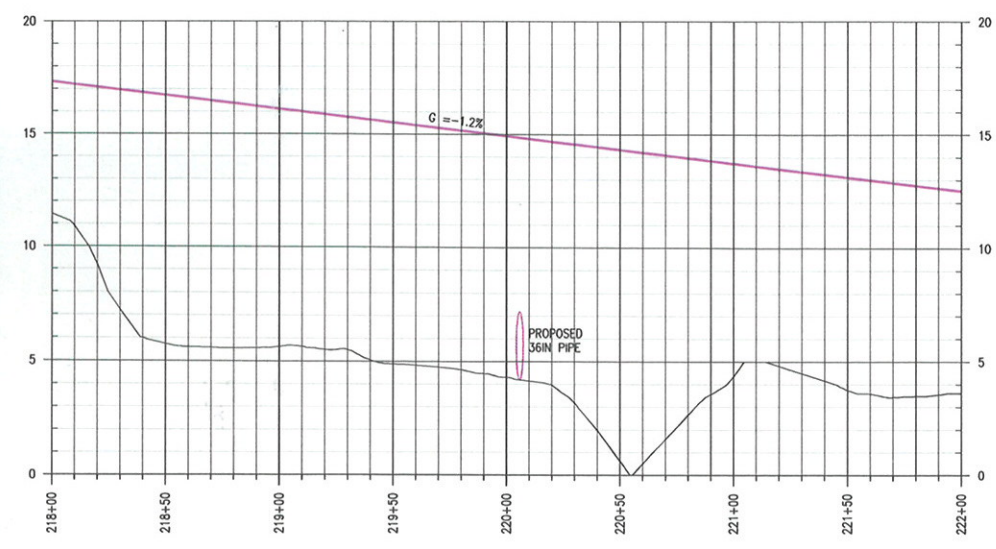
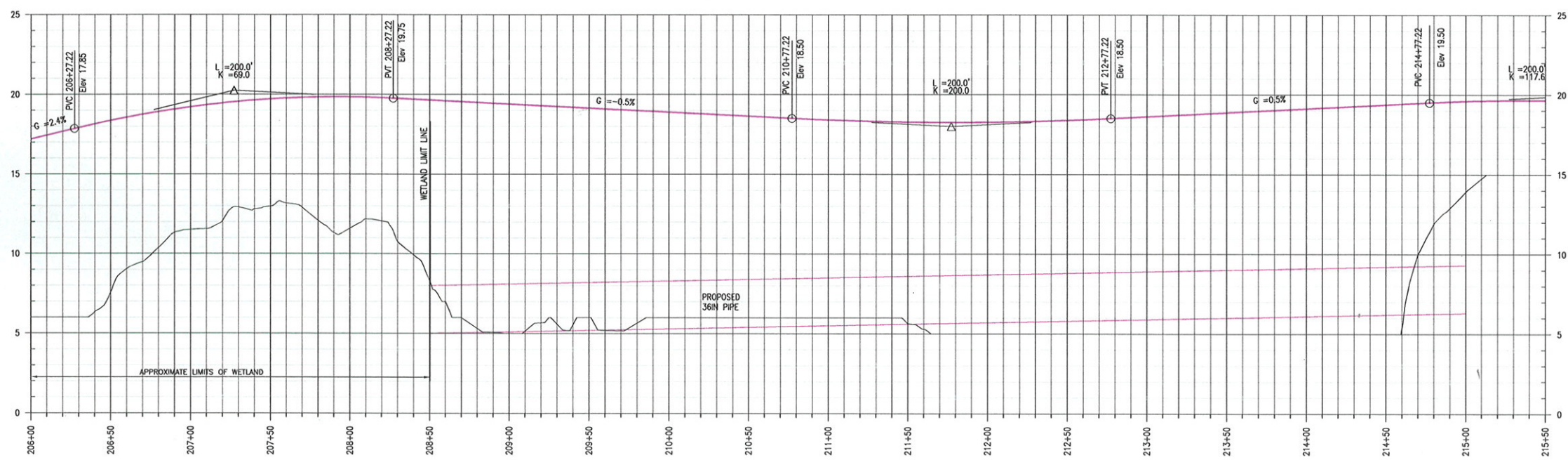
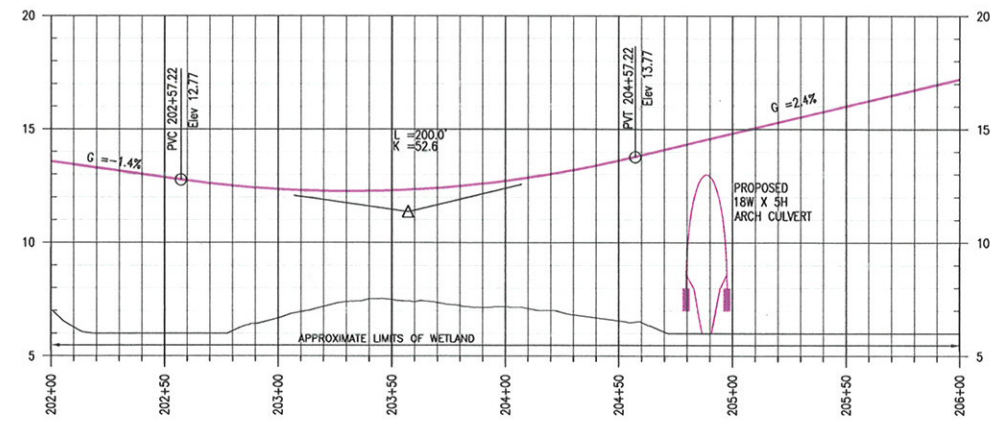
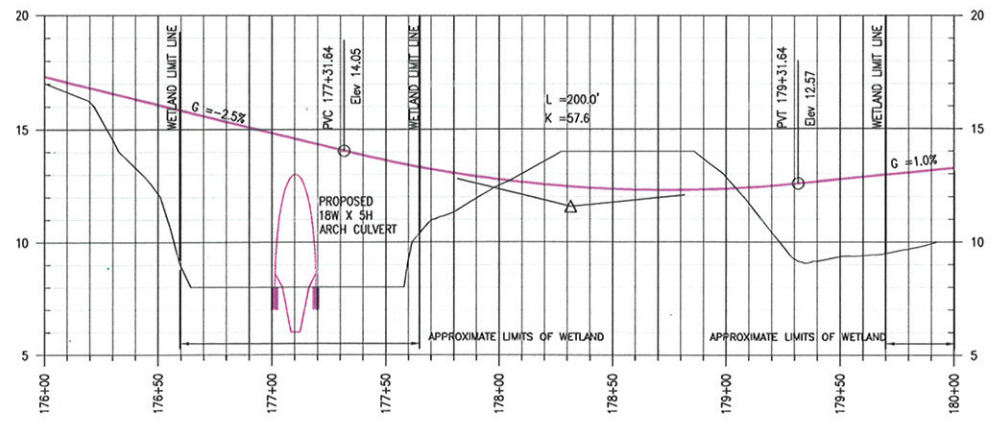
DATE: 10.05.09	SCALE: 1"=100'	DRAWING NO.: R1-C-35.42	SHEET NO. / SHEETS: TBD
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RICHMOND HILL PROFILE

H 1"=100', V 1"=10'



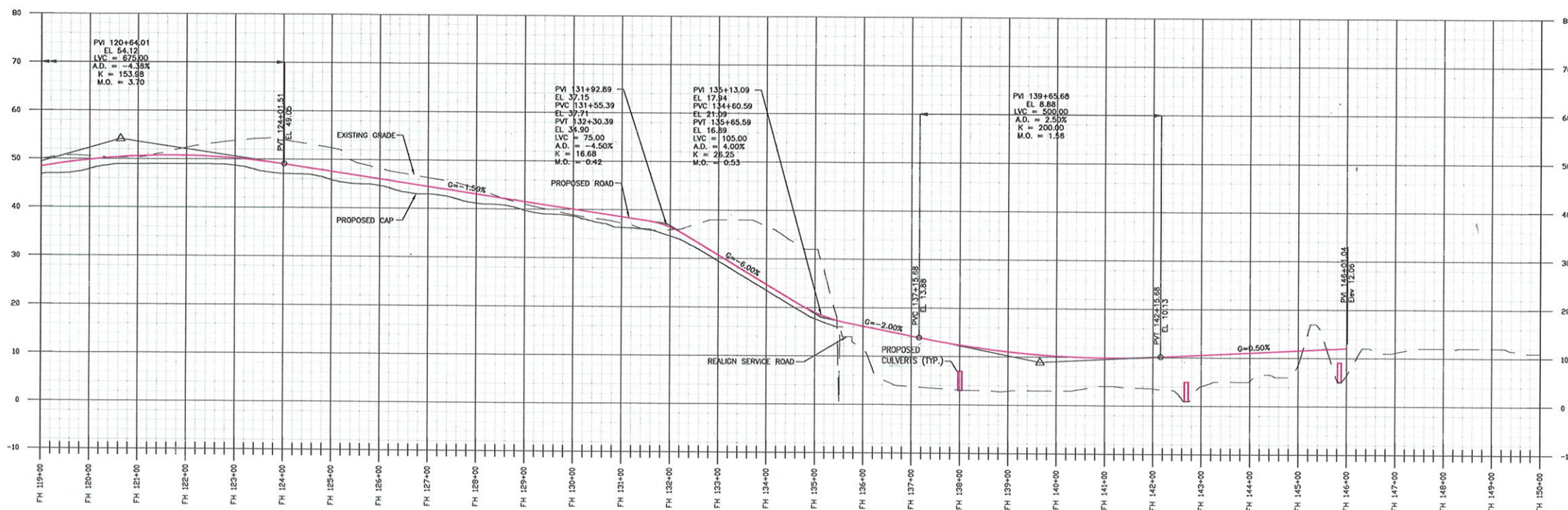
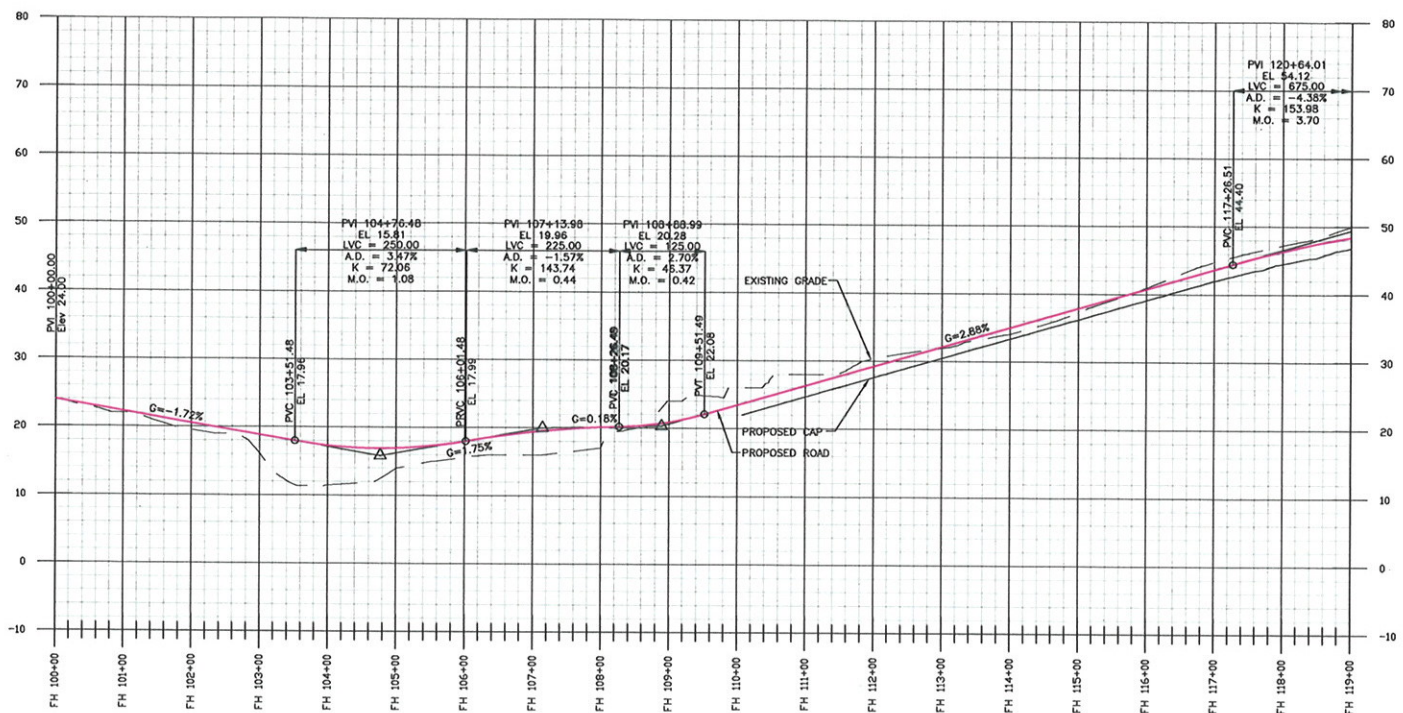
NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.
 2. FOR DETAILS OF ARCH CULVERTS SEE SHEET R9-C-35.23



RICHMOND HILL RD PROFILE OVER WETLANDS
 H 1"=30', V 1"=3'
 30' 0 30' 60'

LEAD CONSULTANT:		
 FO Field Operations 475 Tenth Ave, 10FL New York, NY 10018 215-433-1450		
SUB-CONSULTANT:		
 ARUP One Arup & Partners Consulting Engineers PC 155 Avenue of the Americas New York NY 10013 Tel (212) 225-2555 Fax (212) 225-1056 www.arup.com		
 City of New York Parks & Recreation Olmsted Center Flushing Meadows-Corona Park Flushing, New York		
PROJECT TITLE:		
FRESH KILLS PARK		
DRAWING TITLE:		
RICHMOND HILL RD 2036- 4 LANE WETLAND PROFILE		
DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Brown	FORESTRY: Aimee Jeregal	REVIEWED-PROJECT MGR: Angelya Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nade	CONTRACT NO.: TSD
DATE: 10.05.09		
SCALE: 1"=100'		
DRAWING NO.: R1-C-35.43		
SHEET NO. / SHEETS		

PLOT BY: David Wilson
 PLOT DATE: 10/17/2009 4:42 AM
 MSO: Bill Dwyer
 MSO DATE: 10/20/2009 4:28 PM
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FOREST HILL ROAD PROFILE

H 1"=100', V 1"=10'



FRESH KILLS PARK, KEY PLAN:

NOTES:
 1. THE DESIGN IS BASED ON DSNY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSNY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

LEAD CONSULTANT:

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 Field Operations
 475 Tenth Ave, 10FL, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

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 303 Seventh Avenue
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City of New York Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE: FRESH KILLS PARK

DRAWING TITLE: FOREST HILL EXTENSION
 2-LANE - 2036 PROFILE,
 SHEET 1 OF 1

DESIGNED BY: DSN	DRAWN BY: DSN	CHECKED BY: CHR
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Anna Ismail	REVIEWED-PROJECT MGR: Angelyn Crandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Natoli	CONTRACT NO.: TBD

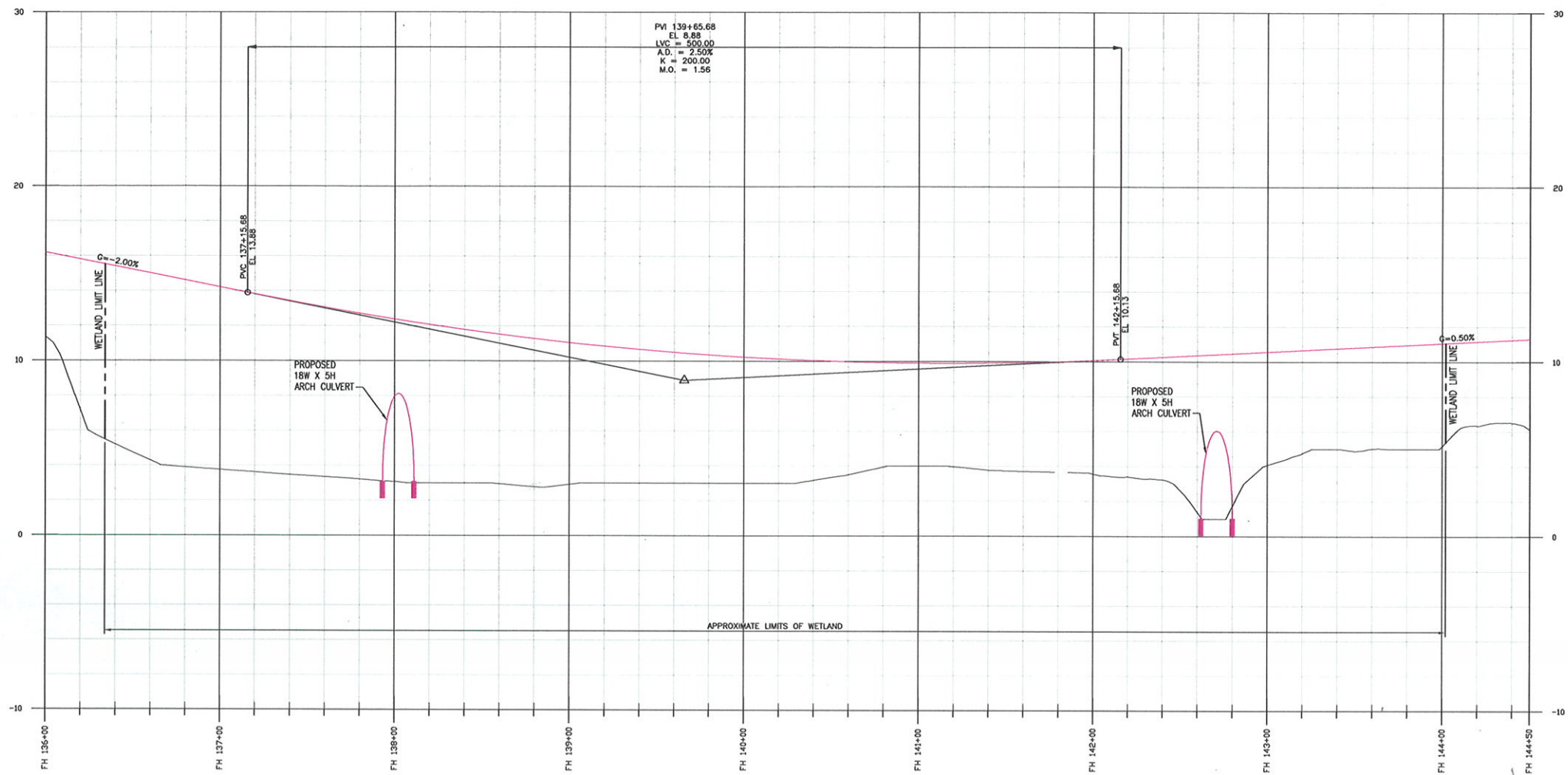
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.

DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R5-C-35.21	SHEET NO. / SHEETS
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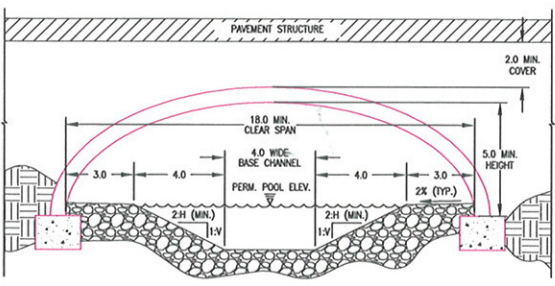
FRESH KILLS PARK, KEY PLAN:

NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.



FOREST HILL ROAD PROFILE OVER WETLANDS - CULVERT ALTERNATIVE

H 1"=30', V 1"=3'



TYPICAL OPEN-BOTTOM ARCH CULVERT

H 1"=3', V 1"=3'



LEAD CONSULTANT:

fo
Field Operations
 475 Tenth Ave, 10th Fl, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

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 HNTB CONSULTING ENGINEERS & ARCHITECTS
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 www.hdrinc.com



**City of New York
 Parks & Recreation**
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:

FRESH KILLS PARK

DRAWING TITLE:

FOREST HILL EXTENSION
 2-LANE - 2036 WETLAND
 PROFILE, SHEET 1 OF 1

DESIGNED BY: DSN DRAWN BY: DSN CHECKED BY: CHK

REVIEWED-TEAM LEADER: Mike Ercine FORESTRY: Arno Kneal REVIEWED-PROJECT MGR: Aranjita Chandra

APPROVED-CHIEF OF DESIGN: Charles McKinney APPROVED-CHIEF ENGINEER: John Natoli CONTRACT NO.: TBD

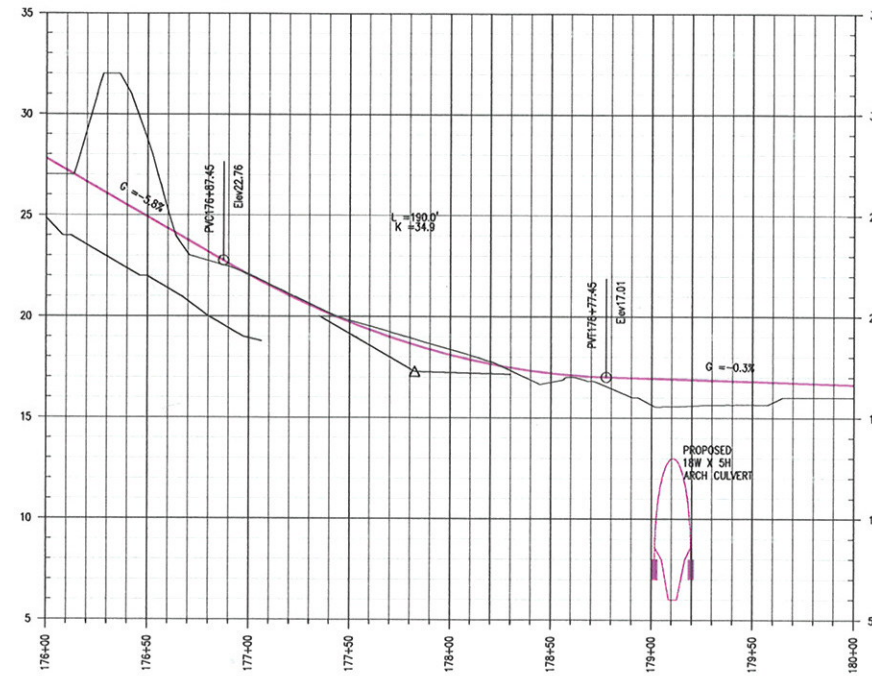
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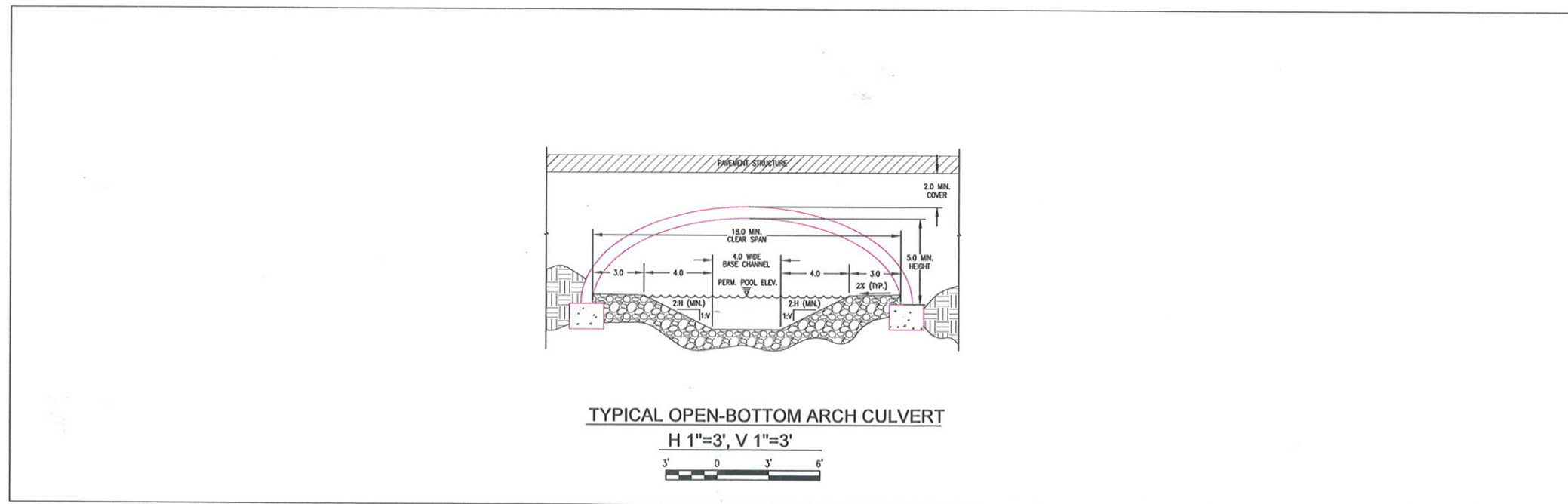
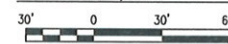
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NOTES:
 1. THE DESIGN IS BASED ON DSNY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSNY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.



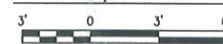
YUKON AVE PROFILE OVER WETLANDS

H 1"=30', V 1"=3'



TYPICAL OPEN-BOTTOM ARCH CULVERT

H 1"=3', V 1"=3'



LEAD CONSULTANT:



Field Operations
 475 Tenth Ave, 10th Fl, New York, NY 10018 215-433-1450

SUB-CONSULTANT:



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 One Arup & Partners Consulting Engineers PC
 155 Avenue of the Americas
 New York, NY 10013
 Tel: (212) 229-2000 Fax: (212) 229-1056
 www.arup.com



**City of New York
 Parks & Recreation**
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:

FRESH KILLS PARK

DRAWING TITLE:

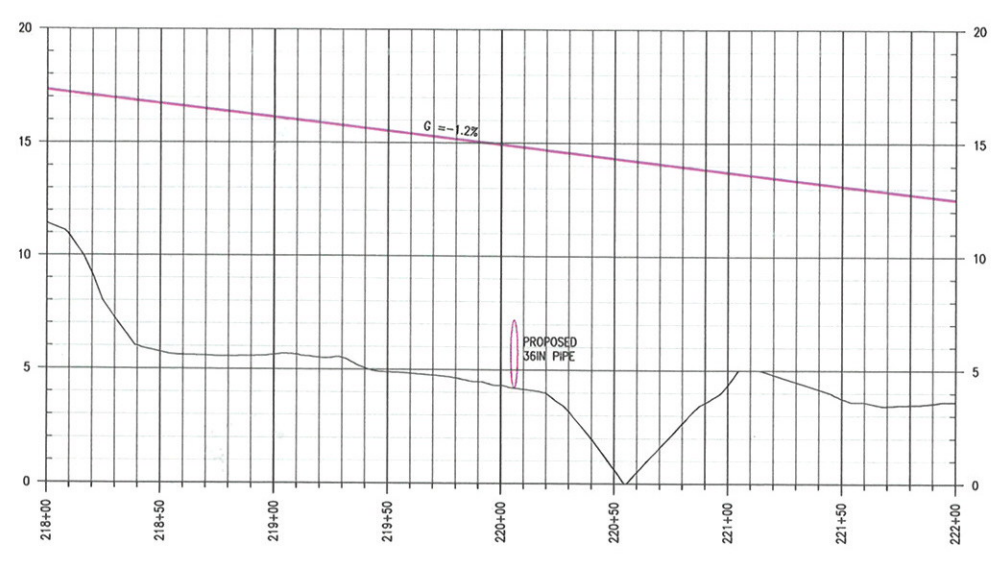
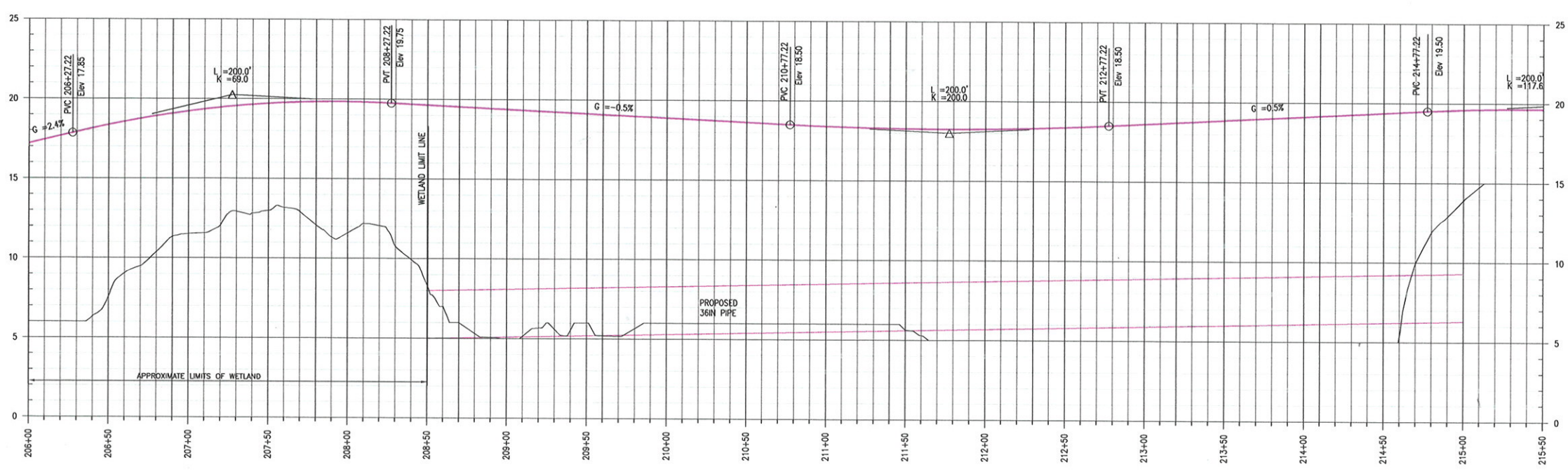
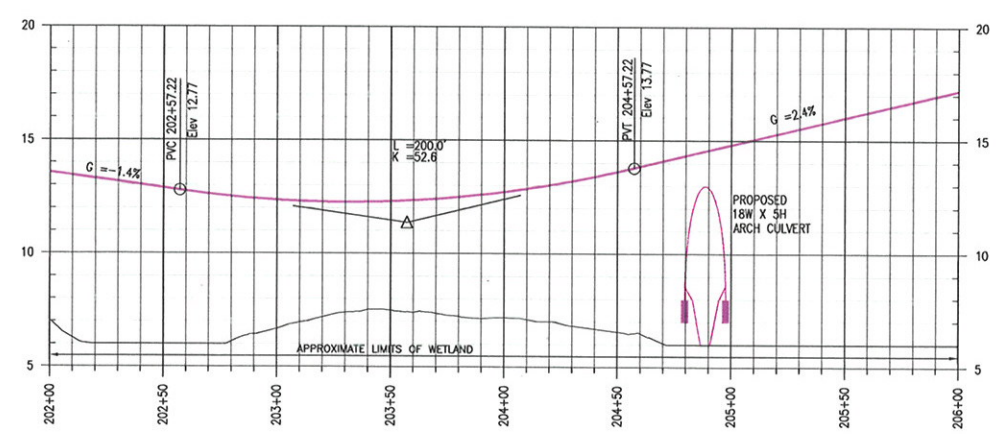
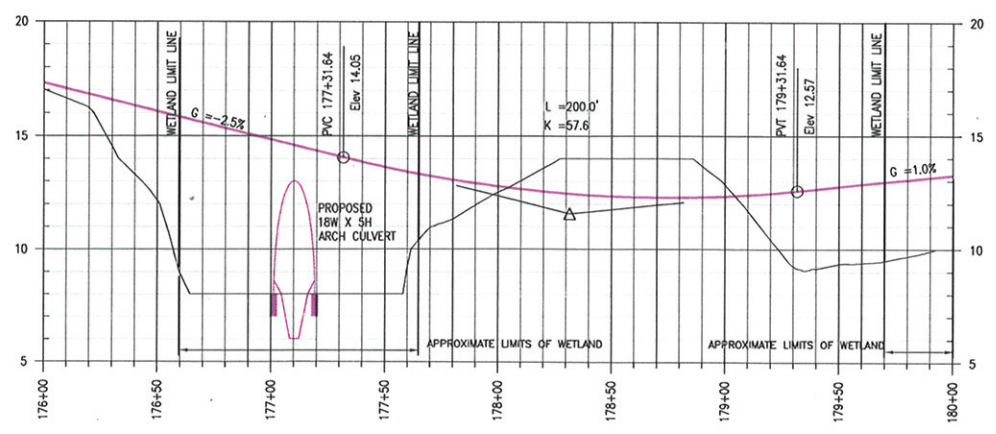
**YUKON AVE EXTENSION 2016
 2 LANE
 WETLAND PROFILE**

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Isreal	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Hirsch	CONTRACT NO.: TBD

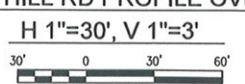
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.

DATE: 10.05.09	SCALE: 1"=100'	DRAWING NO.: R9-C-35.23	SHEET NO. / SHEETS
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NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.
 2. FOR DETAILS OF ARCH CULVERTS SEE SHEET R9-C-35.23



RICHMOND HILL RD PROFILE OVER WETLANDS



DATE: 10/05/09
 TIME: 10:47:00 AM
 PROJECT: RICHMOND HILL RD
 SHEET: R1-C-35.24
 DRAWN BY: DRN
 CHECKED BY: CHK
 FORESTRY: Arno Israel
 APPROVED-CHIEF OF DESIGN: Charles McKinney
 APPROVED-CHIEF ENGINEER: John Hatzek
 CONTRACT NO.: TBD
 DATE: 10.05.09
 SCALE: 1"=100'
 DRAWING NO.: R1-C-35.24
 SHEET NO. / SHEETS

LEAD CONSULTANT:

fo
 Field Operations
 475 Tenth Ave, 10FI, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

ARUP
 One Arup & Partners Consulting Engineers PC
 155 Avenue of the Americas
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 www.arup.com

City of New York Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

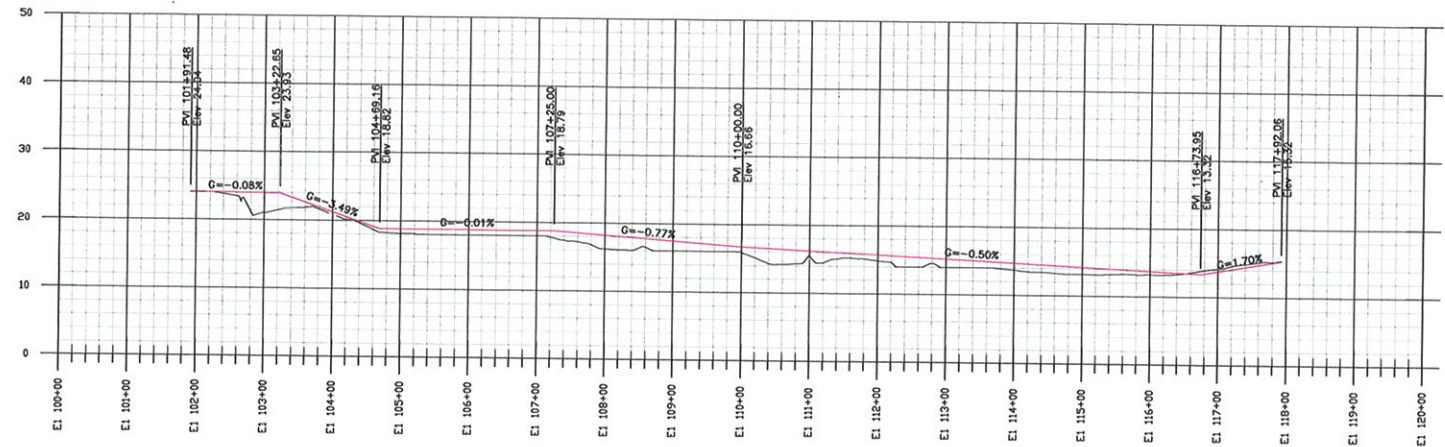
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**RICHMOND HILL RD
 2036- 2 LANE
 WETLAND PROFILE**

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Hatzek	CONTRACT NO.: TBD

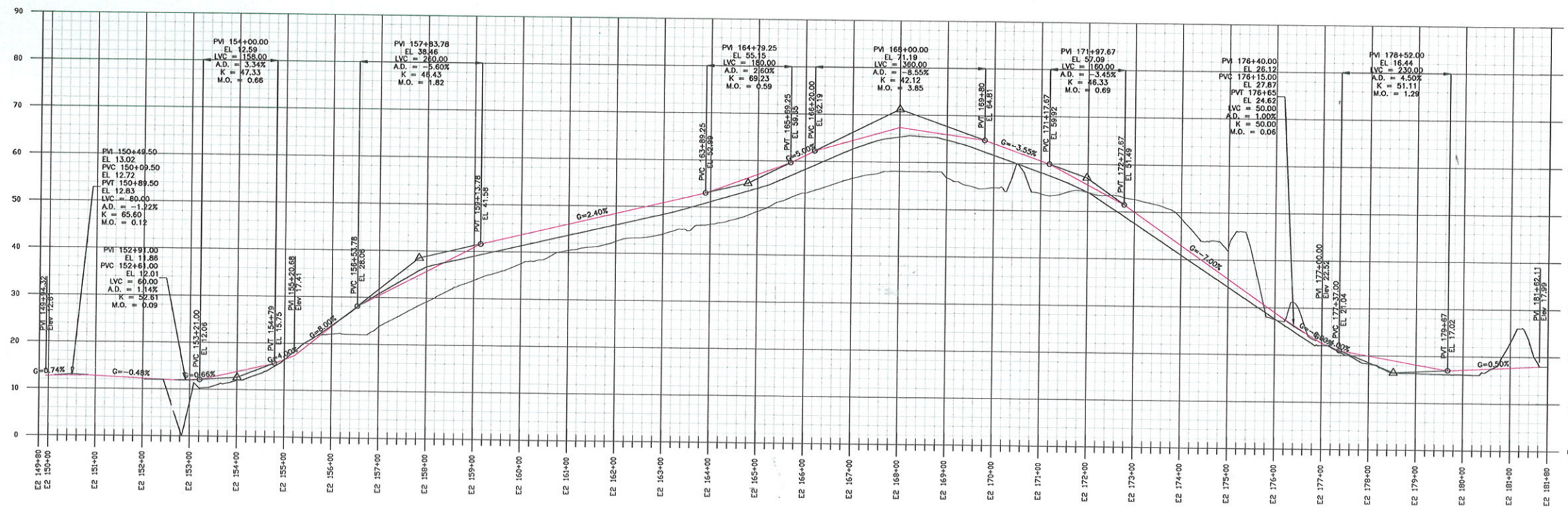
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.

DATE: 10.05.09	SCALE: 1"=100'	DRAWING NO.: R1-C-35.24	SHEET NO. / SHEETS
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NOTES:
 1. THE DESIGN IS BASED ON DSHY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSHY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.



LOOP ROAD WEST (E-1) PROFILE
 H 1"=100', V 1"=10'



CROSS PARK ROAD PROFILE
 H 1"=100', V 1"=10'



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 DWG DATE: 10/27/2009 4:52 PM
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LEAD CONSULTANT:

475 Tenth Ave, 10th Fl, New York, NY 10018 215-433-1150

SUB-CONSULTANT:

HDR | Daniel Frankfort
 500 Seventh Avenue
 New York, NY 10018
 Tel: (212) 512-2000 Fax: (212) 512-2100
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City of New York
 Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

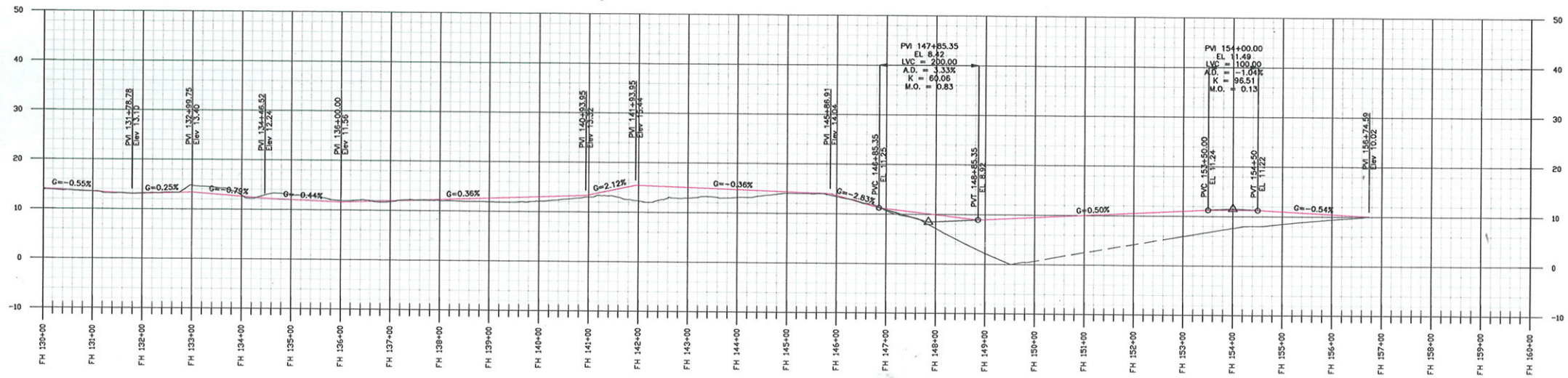
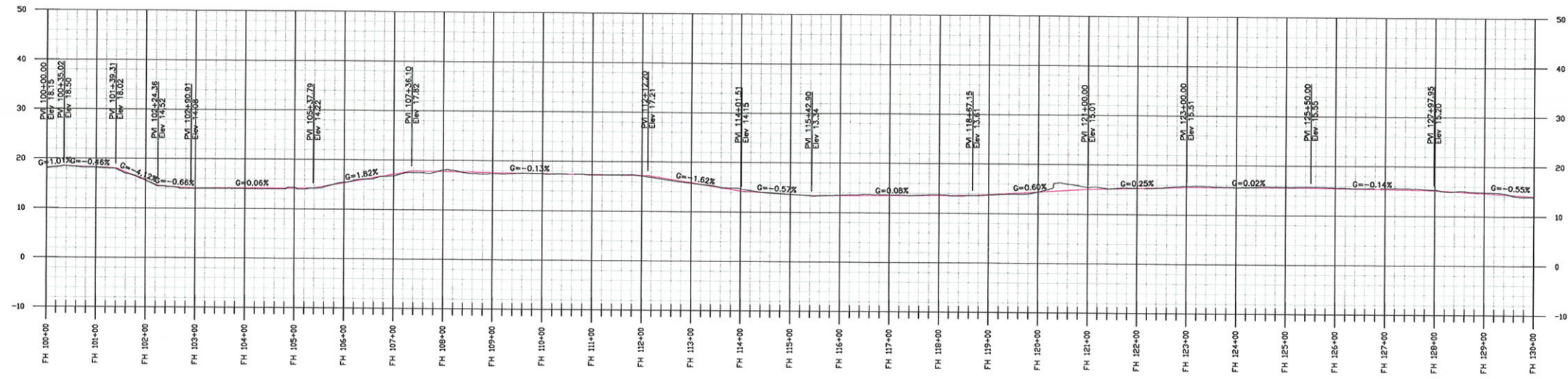
DRAWING TITLE:
**ALTERNATIVE A - 1-LANE -
 2036 PROFILE,
 SHEET 1 OF 5**

DESIGNED BY: DSN	DRAWN BY: DSN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arne Kresel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Naselli	CONTRACT NO.: TBD

THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.

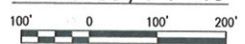
DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-35.11	SHEET NO. / SHEETS: 10.06.09
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43



LOOP ROAD SOUTH (FH) PROFILE

H 1"=100', V 1"=10'



FRESH KILLS PARK, KEY PLAN:

NOTES:
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LEAD CONSULTANT:

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SUB-CONSULTANT:

HDR | Daniel Frenkel
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 New York, NY 10015
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 www.hdr.com

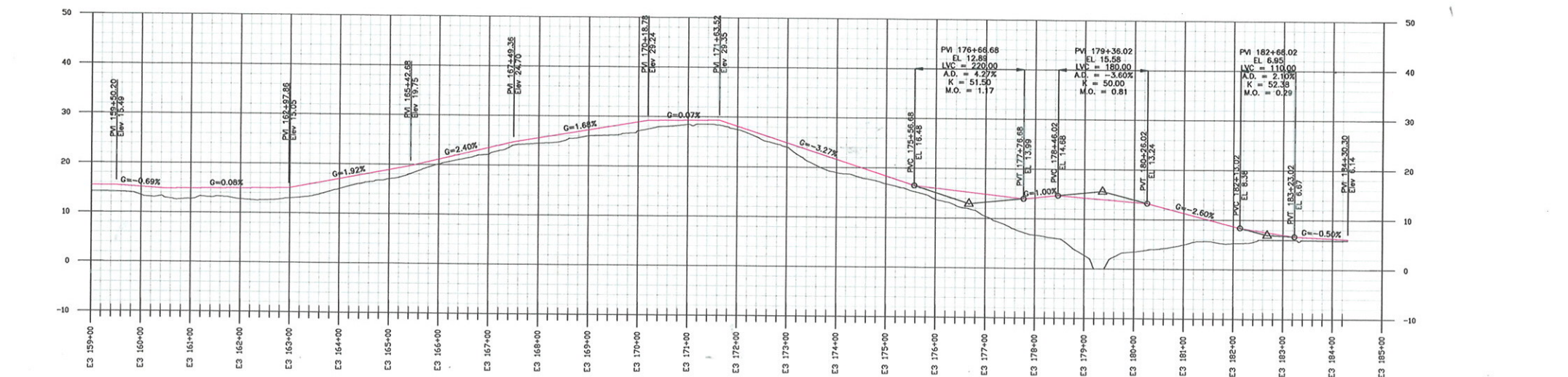
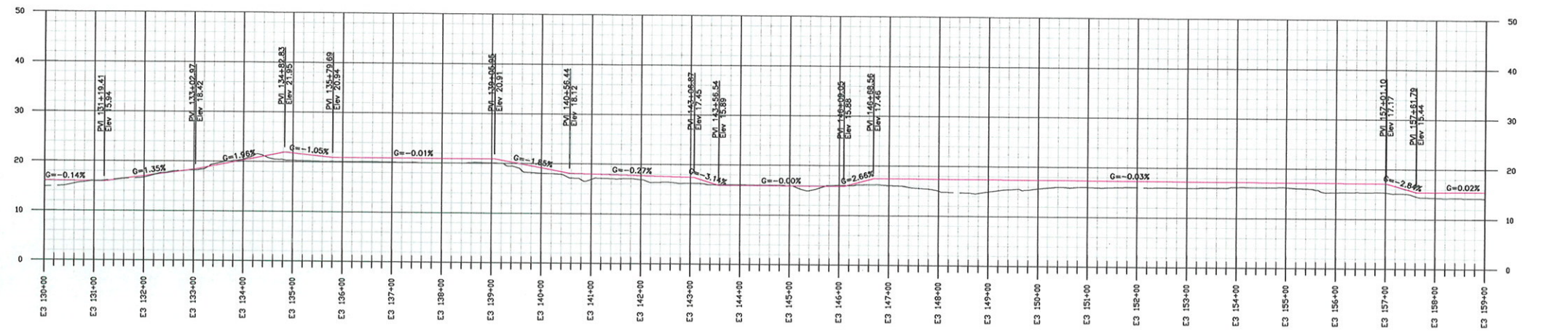
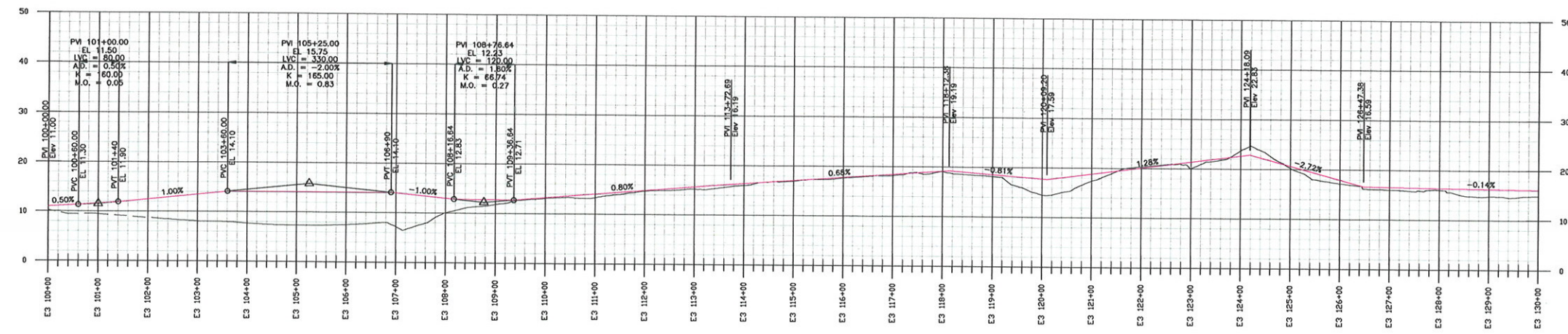
City of New York Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
 FRESH KILLS PARK

DRAWING TITLE:
 ALTERNATIVE A - 1-LANE -
 2036 PROFILE,
 SHEET 3 OF 5

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Alma Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nastil	CONTRACT NO.: TBD
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.		
DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-35.13
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LOOP ROAD EAST (E-3) PROFILE
H 1"=100', V 1"=10'



NOTES:
1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

LEAD CONSULTANT:

Field Operations
475 Tenth Ave, 10FL New York, NY 10018 215-433-1450

SUB-CONSULTANT:

HDR [Daniel Frank]
500 Seventh Avenue
New York NY 10018
Tel (212) 512-4000 Fax (212) 542-6100
www.hdr.com

City of New York
Parks & Recreation
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

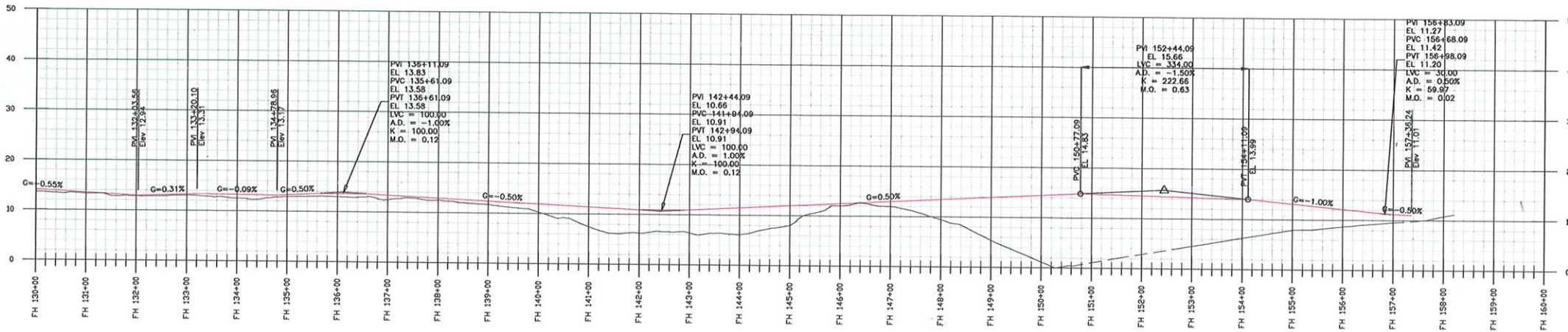
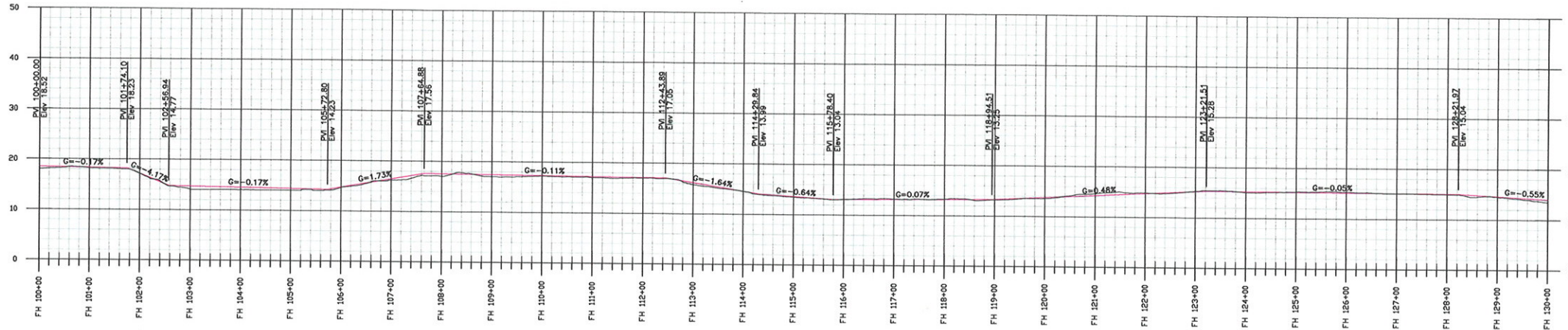
DRAWING TITLE:
ALTERNATIVE B - 2-LANE -
2036 PROFILE,
SHEET 2 OF 5

DESIGNED BY: DSN	DRAWN BY: DSN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Anna Israel	REVIEWED-PROJECT MNGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Natoli	CONTRACT NO.: TBD

DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-35.22	SHEET NO. / SHEETS
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 DSN: 10/06/2009 10:54 PM

NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.



LOOP ROAD SOUTH (FH) PROFILE

H 1"=100', V 1"=10'



LEAD CONSULTANT:

fo
 Field Operations
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SUB-CONSULTANT:

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 HOK | Daniel Frankel
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 Tel (212) 542-6000 Fax (212) 542-6100
 www.hdr.com

City of New York
 Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:

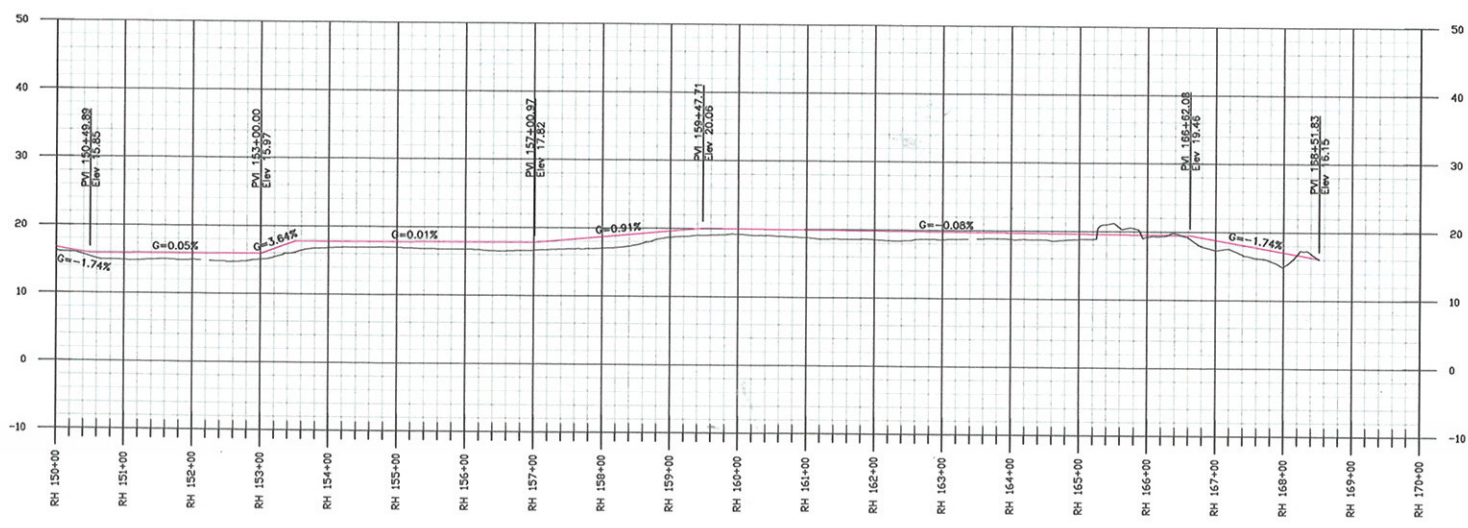
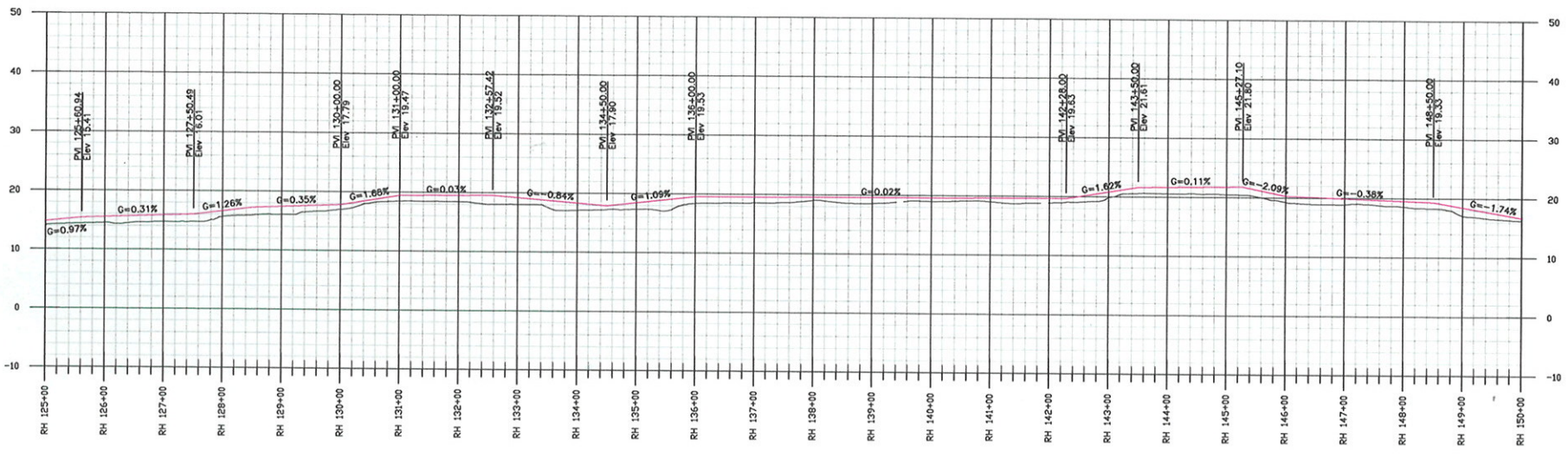
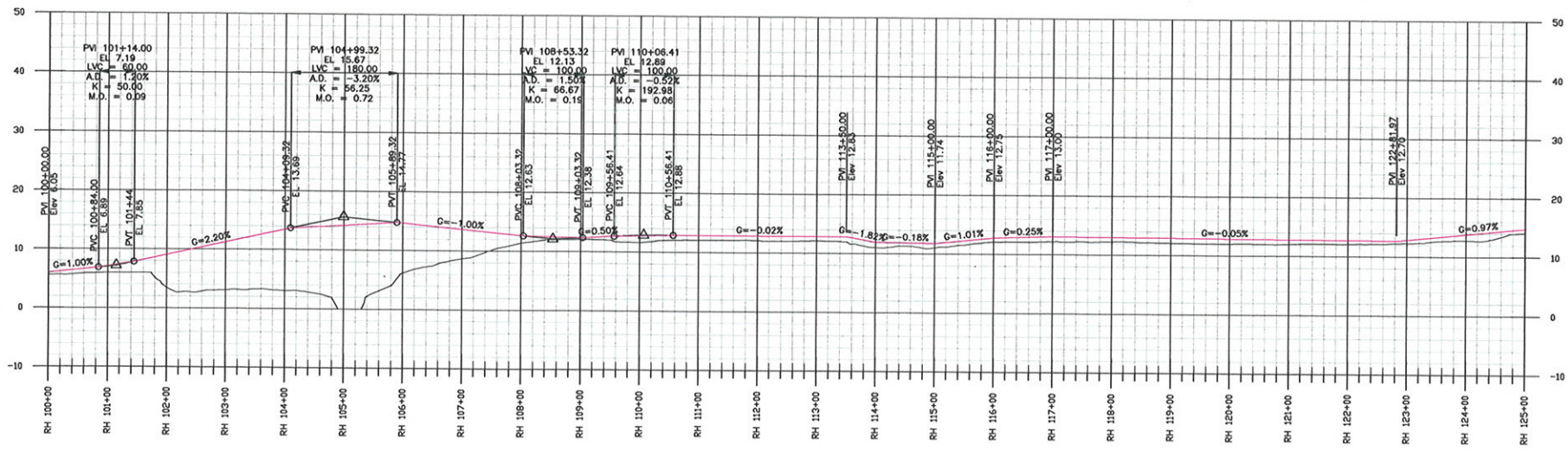
FRESH KILLS PARK

DRAWING TITLE:

ALTERNATIVE B - 2-LANE -
 2036 PROFILE,
 SHEET 3 OF 5

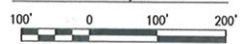
DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Brown	FORESTRY: Aime Bernal	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nassif	CONTRACT NO.: TBD
DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-35.23
SHEET NO. / SHEETS		

NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.



LOOP ROAD SOUTH (RH) PROFILE

H 1"=100', V 1"=10'



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 DSN: MICHAEL BAKER CORPORATION
 DATE: 10/17/2009 5:58 PM
 PLOT DATE: 10/17/2009 5:58 PM
 DSN: MICHAEL BAKER CORPORATION
 DATE: 10/17/2009 5:58 PM

LEAD CONSULTANT:

fo
 Field Operations
 475 Tenth Ave, 10th Fl, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

HDR
 HDR | Daniel Frankfort
 500 Seventh Avenue
 New York, NY 10018
 Tel: (212) 512-2000 Fax: (212) 512-2100
 www.hdr.com

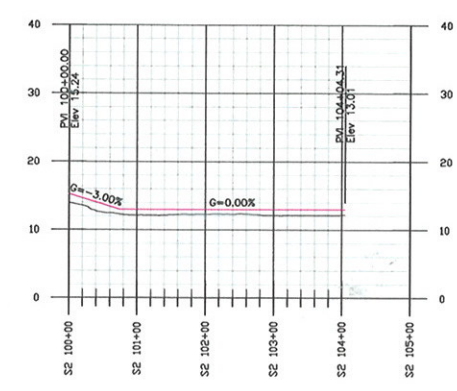
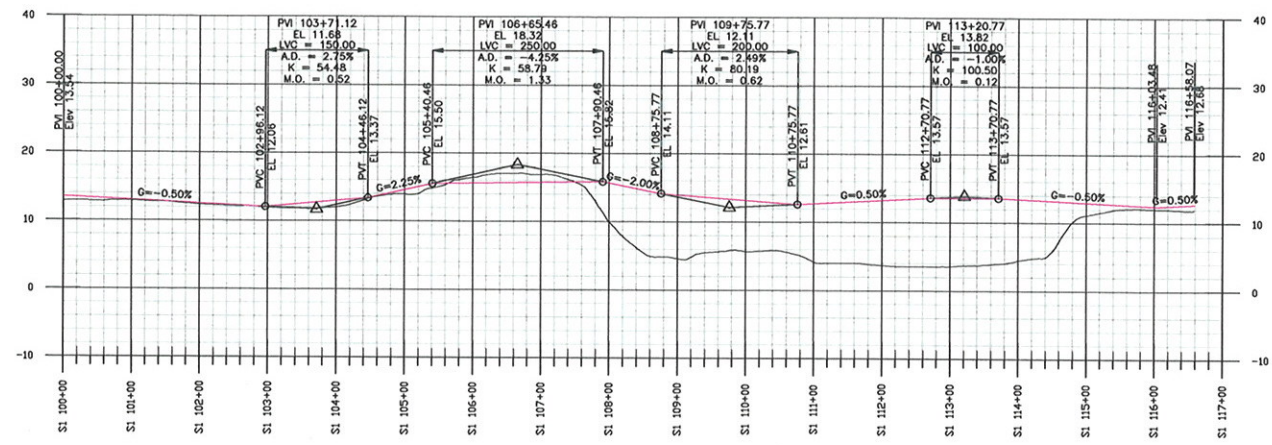
**City of New York
 Parks & Recreation**
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

DRAWING TITLE:
**ALTERNATIVE B - 2-LANE -
 2036 PROFILE,
 SHEET 4 OF 5**

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Inesal	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Naselli	CONTRACT NO.: TBD

DATE: 10.06.09 SCALE: 1"=100' DRAWING NO.: R6-C-35.24 SHEET NO. / SHEETS: 4 / 5



LOOP ROAD PROFILE (S1, S2)
 H 1"=100', V 1"=10'
 100' 0 100' 200'

FRESH KILLS PARK, KEY PLAN:

NOTES:
 1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

LEAD CONSULTANT:



SUB-CONSULTANT:

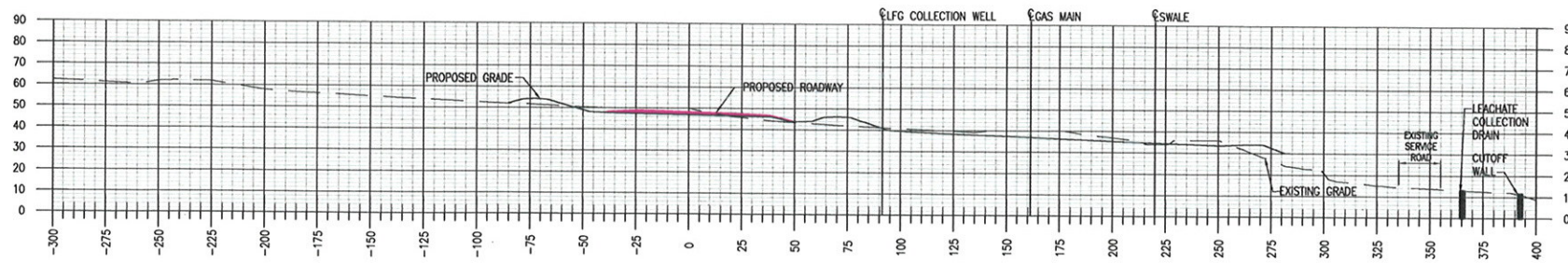


PROJECT TITLE:
 FRESH KILLS PARK

DRAWING TITLE:
 LOOP ROAD 2-LANE -
 2036 PROFILE,
 SHEET 5 OF 5

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Brown	FORESTRY: Anna Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Noth	CONTRACT NO.: TRD
DATE: 10.06.09	SCALE: 1"=100'	DRAWING NO.: R6-C-35.25
SHEET NO. / SHEETS		

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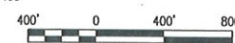


FH 1 STA. 119+00
1"=30'-0"

FOREST HILL - CROSS SECTIONS
1"=30'



SECTION LOCATION KEY PLAN
1"=400'



FRESH KILLS PARK, KEY PLAN:

NOTES:
1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

UTILITIES LEGEND

	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCEMAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:

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Field Operations
475 Tenth Ave, 10th Fl, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

HDR
HDR | Daniel, Mann, Johnson & Mendenhall
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New York, NY 10018
Tel: (212) 542-8000 Fax: (212) 542-8100
www.hdr.com

City of New York
Parks & Recreation
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE:

FRESH KILLS PARK

DRAWING TITLE:

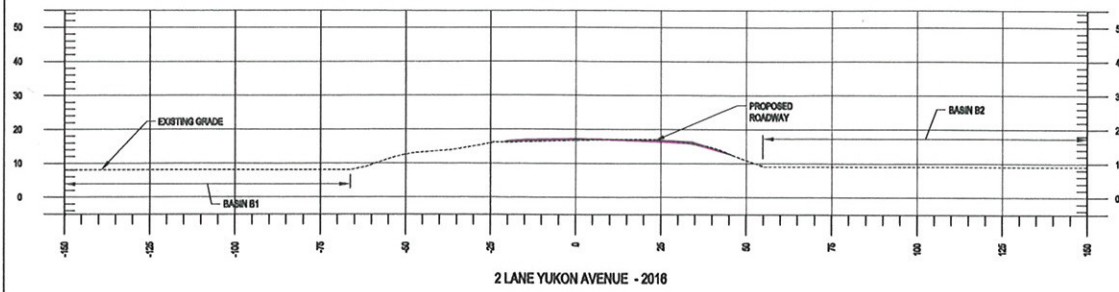
FOREST HILL EXTENSION
4 LANE - 2036
CROSS SECTIONS

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nisch	CONTRACT NO.: 182
DATE: 10.06.09	SCALE: 1"=30'	DRAWING NO.: R5-C-30.41
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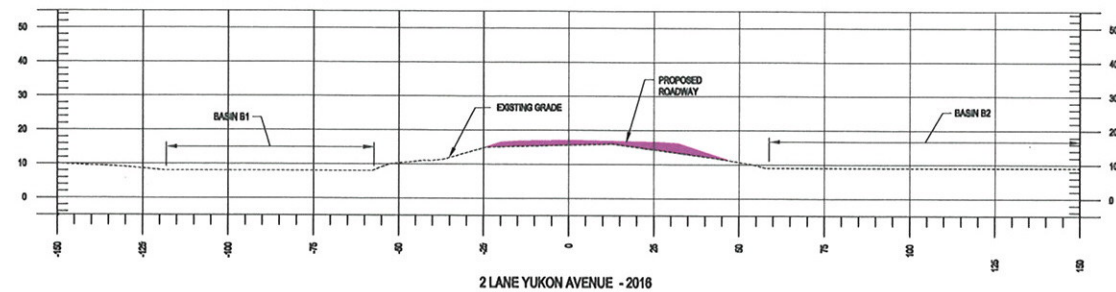
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53

SECTION YK1 - STA. 178+50

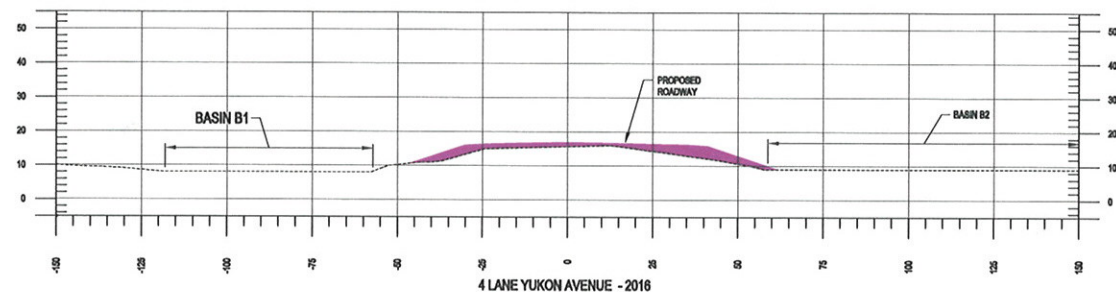
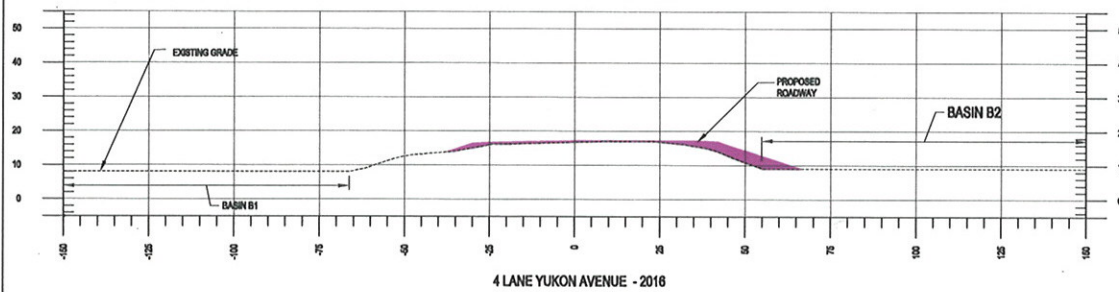


SECTION YK2 - STA. 179+50



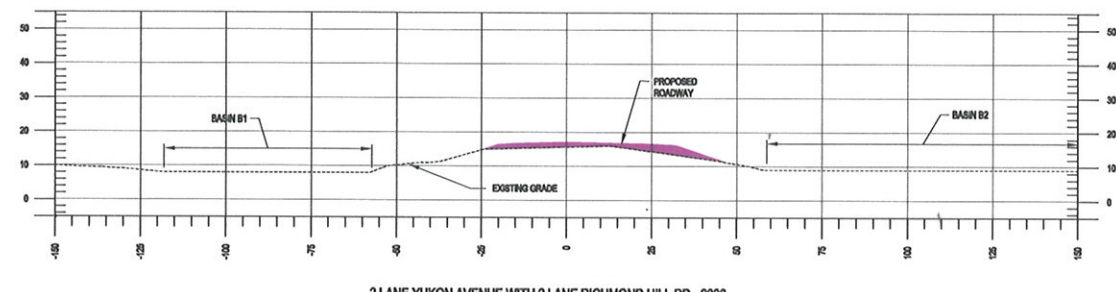
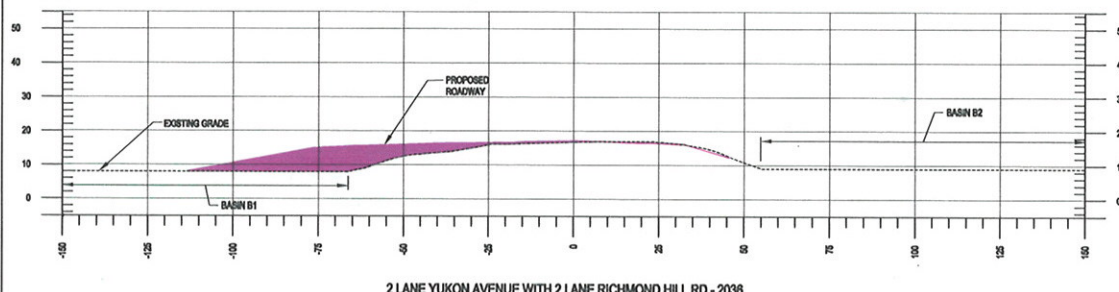
2 LANE YUKON AVENUE - 2016

2 LANE YUKON AVENUE - 2016



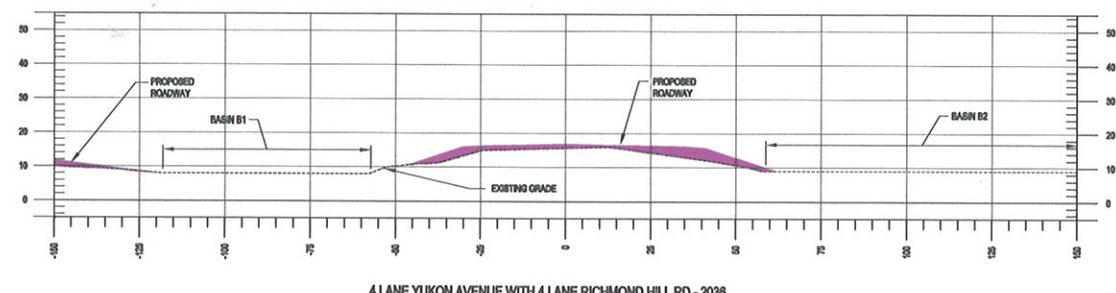
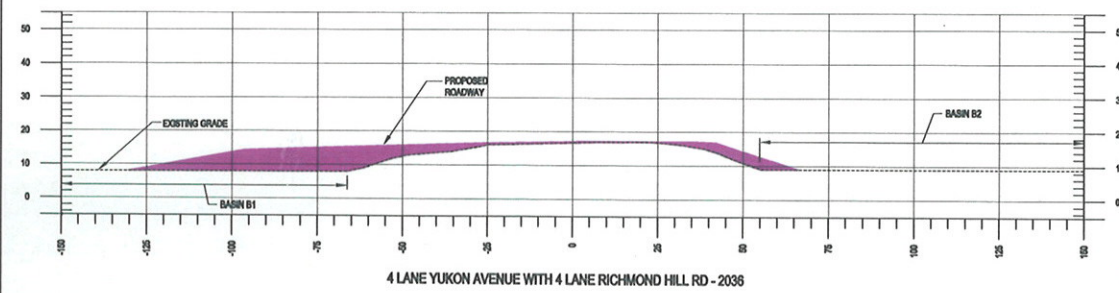
4 LANE YUKON AVENUE - 2016

4 LANE YUKON AVENUE - 2016



2 LANE YUKON AVENUE WITH 2 LANE RICHMOND HILL RD - 2036

2 LANE YUKON AVENUE WITH 2 LANE RICHMOND HILL RD - 2036



4 LANE YUKON AVENUE WITH 4 LANE RICHMOND HILL RD - 2036

4 LANE YUKON AVENUE WITH 4 LANE RICHMOND HILL RD - 2036

FRESH KILLS PARK, KEY PLAN:

- NOTES:
1. THE DESIGN IS BASED ON DSNY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSNY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.
 2. FOR DETAILS OF ARCH CULVERTS SEE SHEET R9-C-35.23

LEAD CONSULTANT:

fo
Field Operations
475 Tenth Ave., 10th Fl., New York, NY 10018 212-433-1450

SUB-CONSULTANT:

ARUP
Ove Arup & Partners Consulting Engineers PC
155 Avenue of the Americas
New York, NY 10013
Tel: (212) 229-2659 Fax: (212) 229-1056
www.arup.com



City of New York
Parks & Recreation
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE:

FRESH KILLS PARK

DRAWING TITLE:

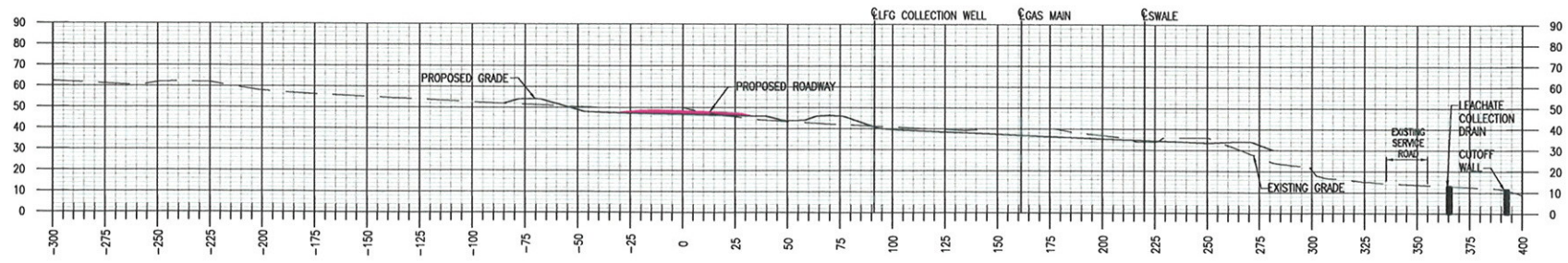
YUKON AVENUE EXTENSION
CROSS SECTIONS

DESIGNED BY: DSN	DRAWN BY: CRK	CHECKED BY: CRK
REVIEWED-TEAM LEADER: Mike Ertwine	FORESTRY: Arno Irschell	REVIEWED-PROJECT MGR: Angela Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Natsis	CONTRACT NO.: TBD
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.		
DATE: 10.05.09	SCALE: 1"=30'	DRAWING NO.: R9-C-30.41
		SHEET NO. / SHEETS

YUKON AVENUE - CROSS SECTIONS
1"=20'

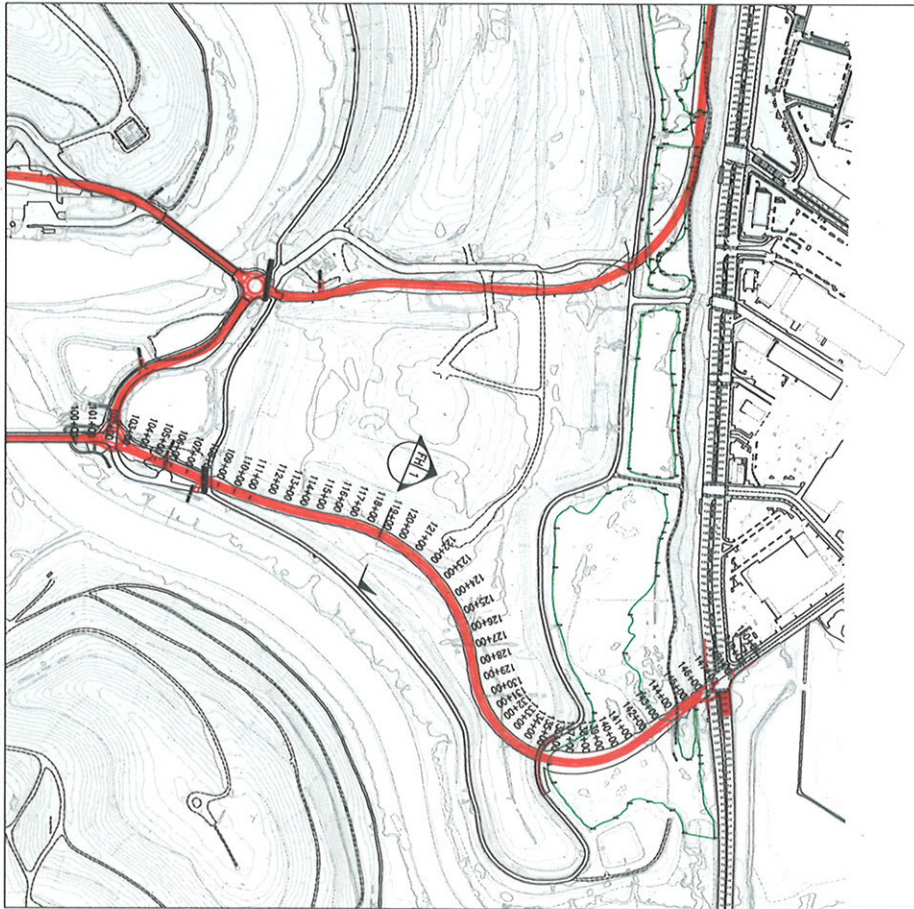
PLOT BY: David Wilson
 PLOT DATE: 10/17/2009 10:04 AM
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54



STATION 119+00
1"=30'-0"

FOREST HILL - CROSS SECTIONS
1"=30'



SECTION LOCATION KEY PLAN
1"=400'



FRESH KILLS PARK, KEY PLAN:

NOTES:

1. THE DESIGN IS BASED ON DSNY'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSNY'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.
2. WETLAND BOUNDARIES AS SHOWN ARE PRELIMINARY AND SUBJECT TO VERIFICATION.

UTILITIES LEGEND

	NATIONAL GRID GAS
	LANDFILL GAS TRANSMISSION MAIN
	LEACHATE STONE TRENCH
	CUTOFF WALL (SOIL-BENTONITE)
	CUTOFF WALL (CEMENT-BENTONITE)
	LEACHATE FORCEMAIN
	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
	UNDERGROUND ELECTRIC
	FIRE WATER
	ELECTRIC
	STORM
	SANITARY SEWER
	WATER
	MANHOLE

LEAD CONSULTANT:

fo
Field Operations
475 Tenth Ave, 10th Fl, New York, NY 10018 215-433-1450

SUB-CONSULTANT:

HDR
HDR | David Frankfort
503 Seventh Avenue
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Tel: (212) 543-6000 Fax: (212) 543-6100
www.hdr.com

City of New York
Parks & Recreation
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE:

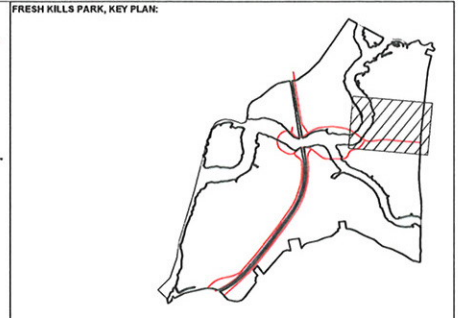
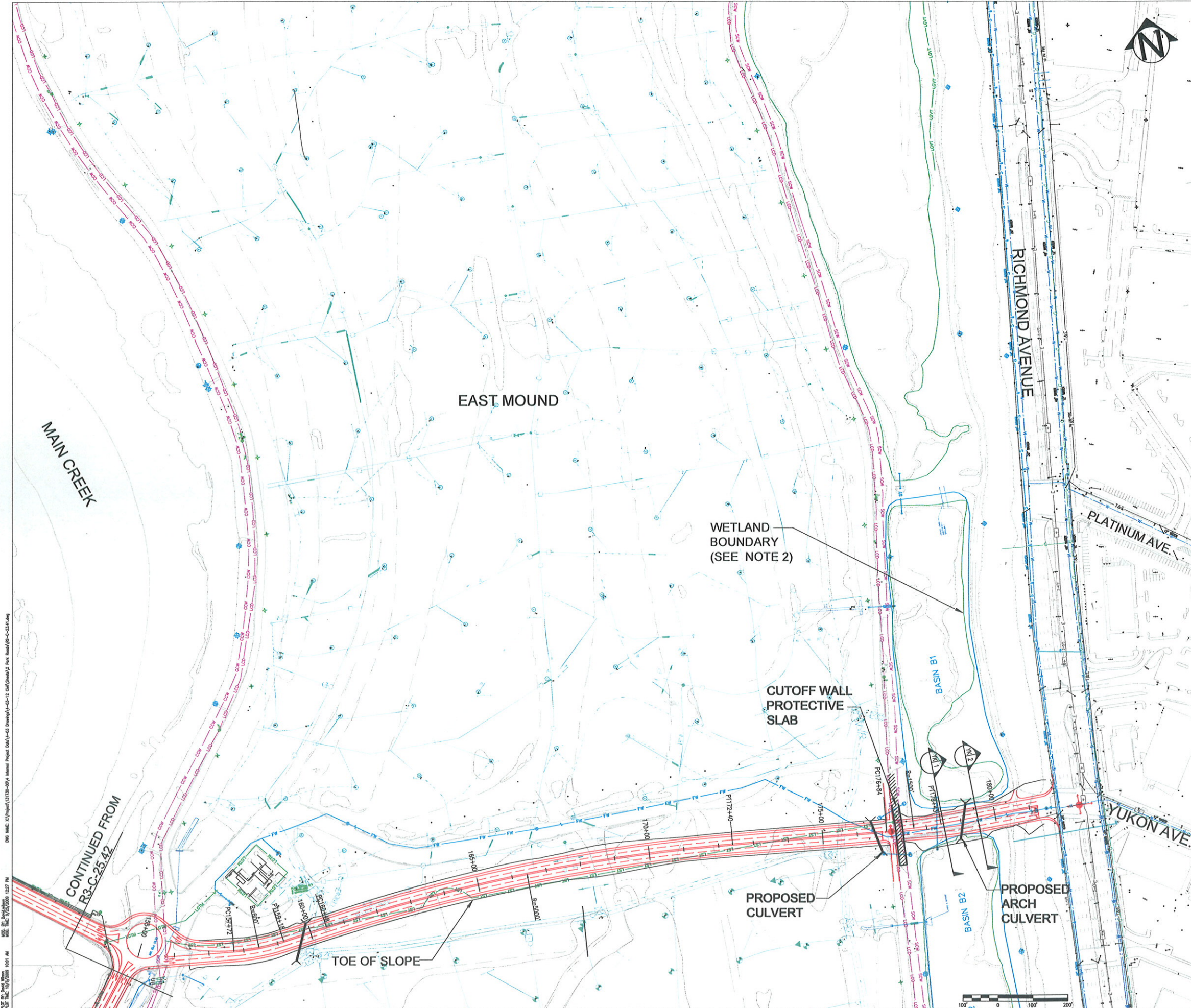
FRESH KILLS PARK

DRAWING TITLE:

FOREST HILL EXTENSION
2 LANE - 2036
CROSS SECTIONS

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McGinley	APPROVED-CHIEF ENGINEER: John Nash	CONTRACT NO.: TBD
DATE: 10.06.09	SCALE: 1"=30'	DRAWING NO.: R5-C-30.21
		SHEET NO. / SHEETS: xx/xx

DATE: 10/6/09 11:00 AM
 DRAWN BY: DRN
 CHECKED BY: CHK
 DESIGNED BY: DSN
 REVIEWED BY: Mike Browne
 FORESTRY: Arno Israel
 APPROVED BY: Charles McGinley
 PROJECT: R5-C-30.21



NOTES:

1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.
2. WETLAND BOUNDARIES AS SHOWN ARE PRELIMINARY AND SUBJECT TO VERIFICATION.

UTILITIES LEGEND

— G — G —	NATIONAL GRID GAS
— LGTM — LGTM —	LANDFILL GAS TRANSMISSION MAIN
— LST — LST —	LEACHATE STONE TRENCH
— SCW — SCW —	CUTOFF WALL (SOIL-BENTONITE)
— CCW — CCW —	CUTOFF WALL (CEMENT-BENTONITE)
— LFM — LFM —	LEACHATE FOREMAIN
— LCD — LCD —	LEACHATE COLLECTION DRAIN / LEACHATE COLLECTION HEADER
— UE —	UNDERGROUND ELECTRIC
— FW — FW —	FIRE WATER
— E —	ELECTRIC
— ST —	STORM
— S — S —	SANITARY SEWER
— W — W —	WATER
— OMH —	MANHOLE

LEAD CONSULTANT:

fo
Field Operations
 475 Tenth Ave., 10FL New York, NY 10018 215-433-1450

SUB-CONSULTANT:

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 One Arup & Partners Consulting Engineers PC
 155 Avenue of the Americas
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 Tel (212) 239-2000 Fax (212) 239-1056
 www.arup.com

City of New York Parks & Recreation
 Olmsted Center
 Flushing Meadows-Corona Park
 Flushing, New York

PROJECT TITLE: FRESH KILLS PARK

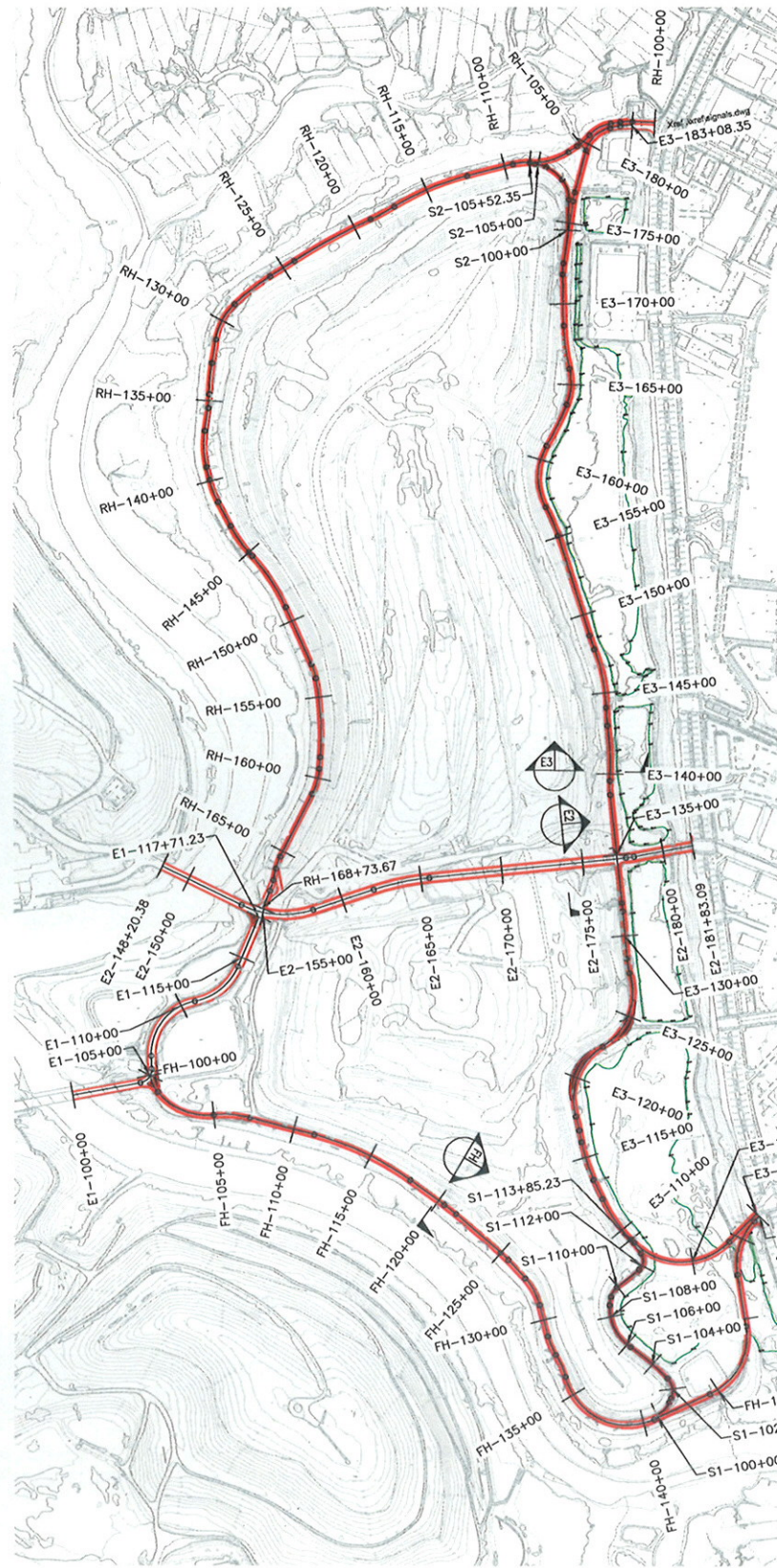
DRAWING TITLE: YUKON AVE EXTENSION 2016
 4 LANE PLAN
 SHEET 1 OF 1

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arne Irsell	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Nash	CONTRACT NO.: TBD

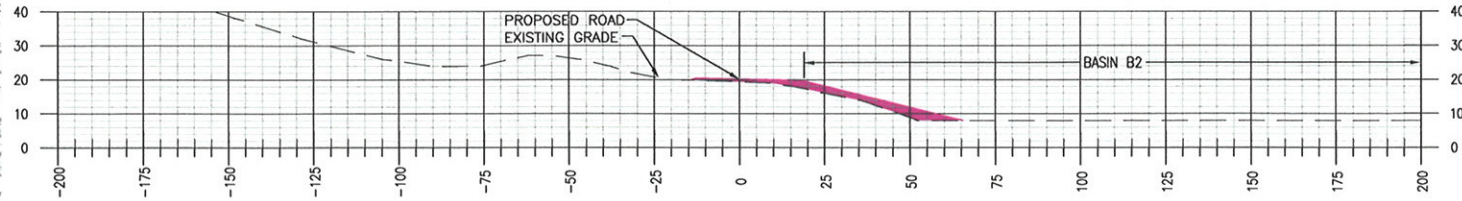
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DATE: 10.05.09	SCALE: 1"=100'	DRAWING NO.: R9-C-23.41	SHEET NO. / SHEETS: XXXXX
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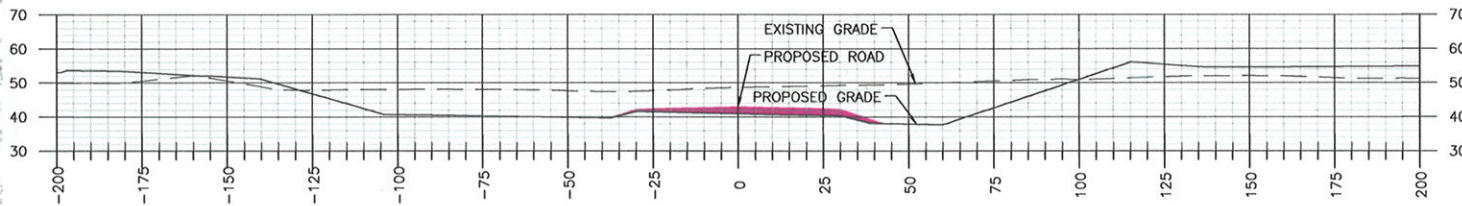
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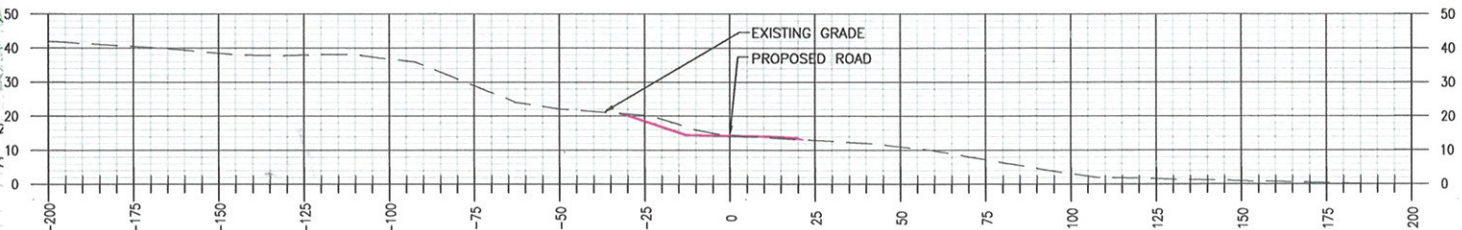
SECTIONS LOCATION KEY PLAN
1"=400'



STA. 140+00
1"=20'-0"



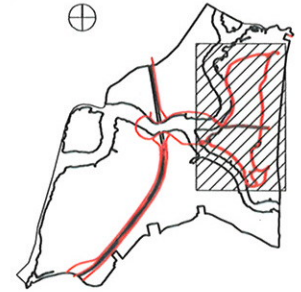
STA. 174+00
1"=20'-0"



STA. 120+00
1"=20'-0"



FRESH KILLS PARK, KEY PLAN:



NOTES:
1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

LEAD CONSULTANT:



Field Operations
475 Tenth Ave, 10th Fl, New York, NY 10018 215-433-1450

SUB-CONSULTANT:



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www.hdr.com



**City of New York
Parks & Recreation**
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE:

FRESH KILLS PARK

DRAWING TITLE:

**LOOP ROAD ALIGNMENT
2 LANE - 2036
CROSS SECTIONS**

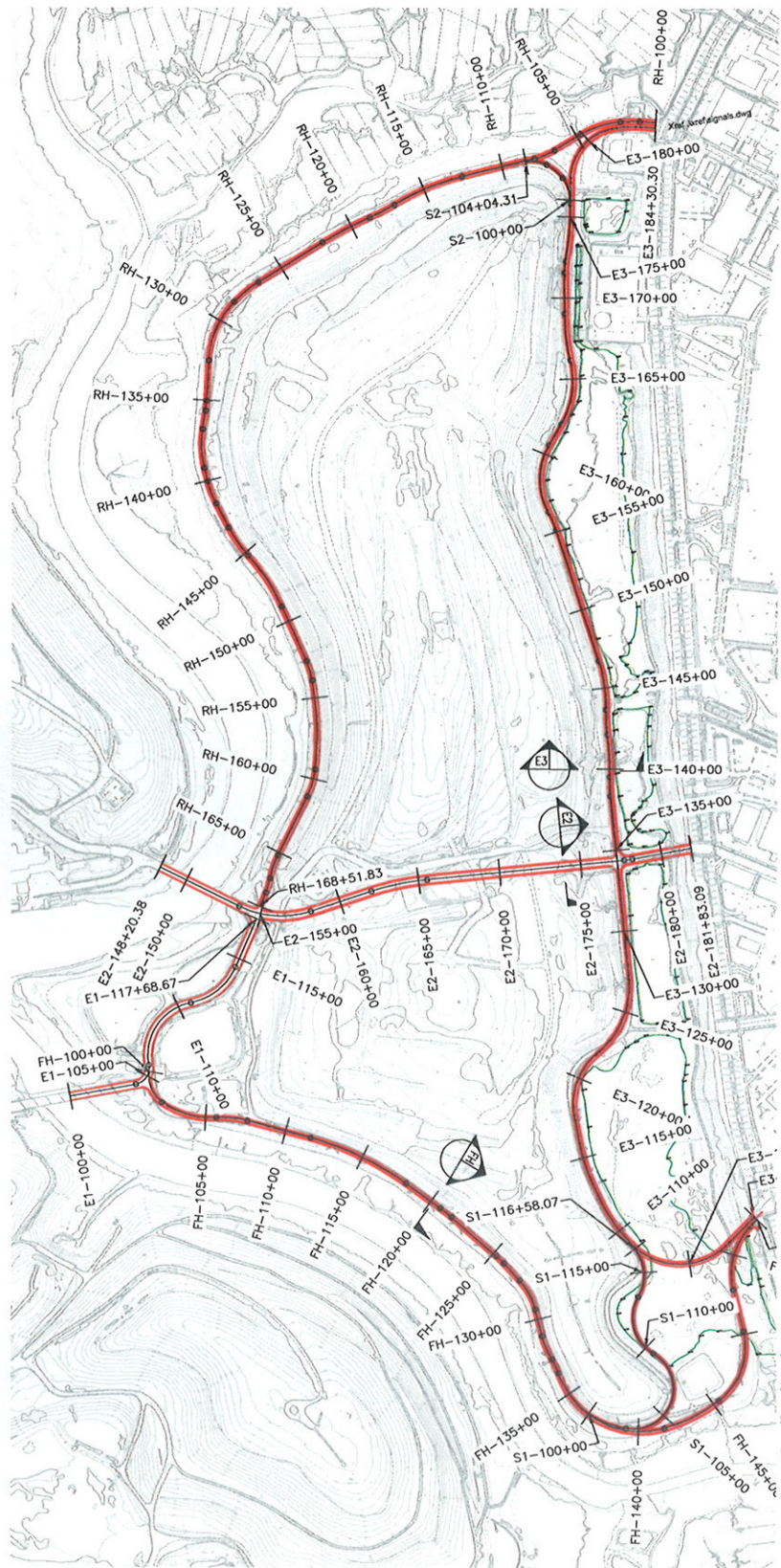
DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arne Irsell	REVIEWED-PROJECT MGR: Argelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Natoli	CONTRACT NO.: TBD

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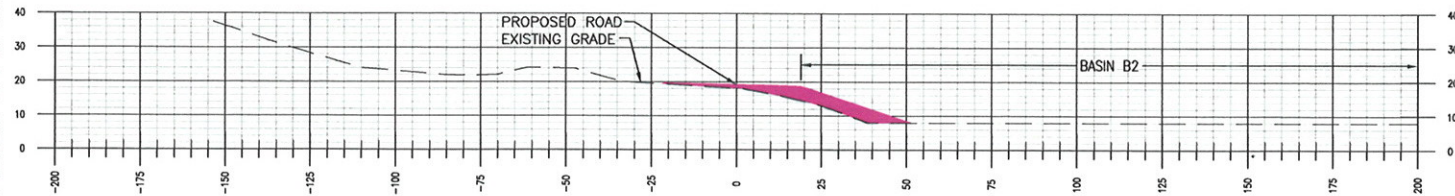
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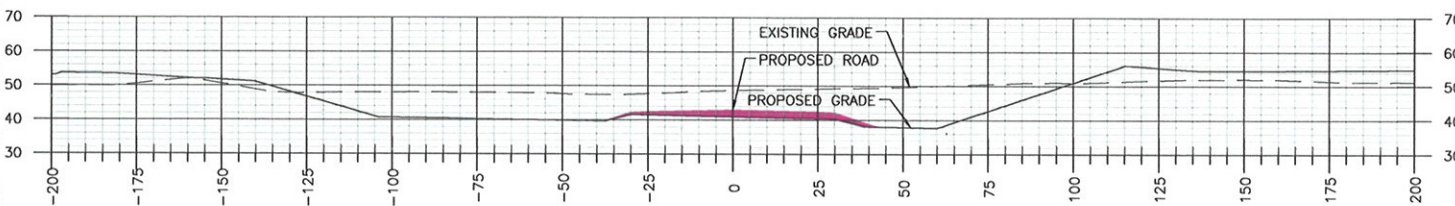
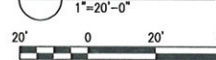
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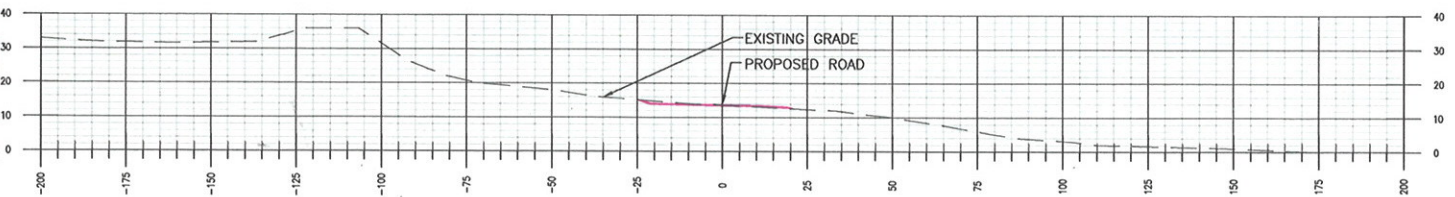
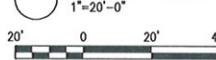
SECTIONS LOCATION KEY PLAN



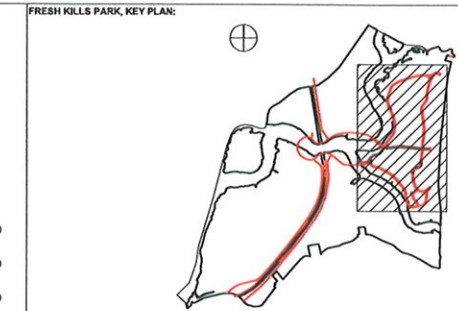
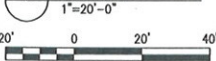
STA. 140+00



STA. 174+00



STA. 120+00



NOTES:
1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

LEAD CONSULTANT:

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475 Tenth Ave, 10th Fl, New York, NY 10018 212-433-1450

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HDR
Hatch, Douglas, Nelson & Johnson
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New York, NY 10018
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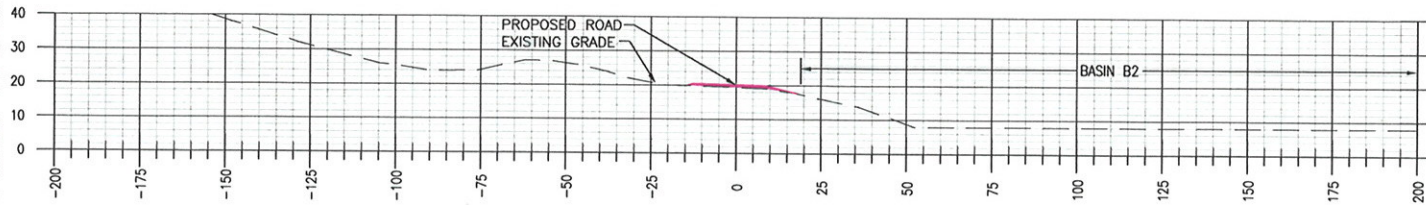
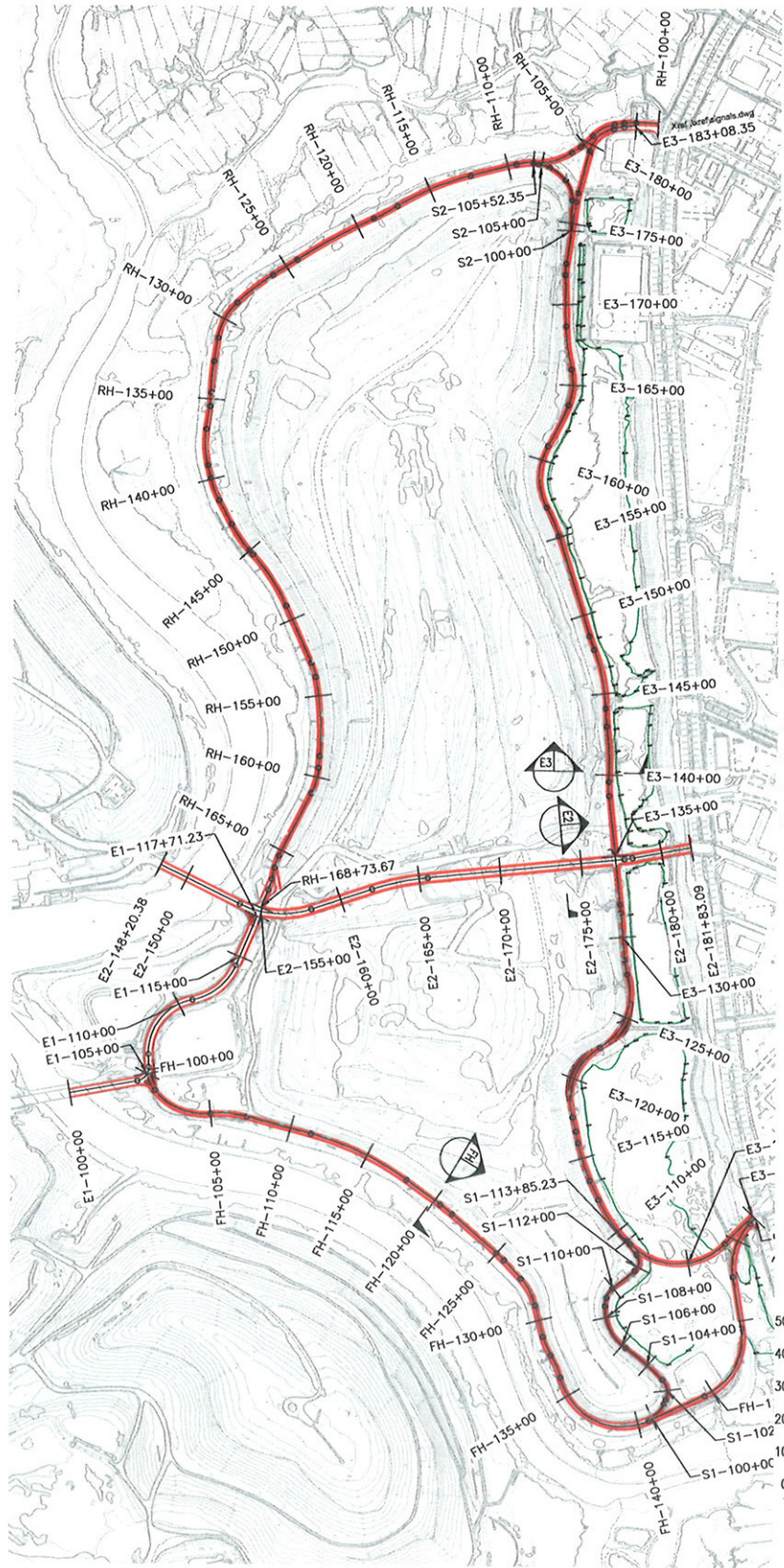
City of New York
Parks & Recreation
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE: FRESH KILLS PARK

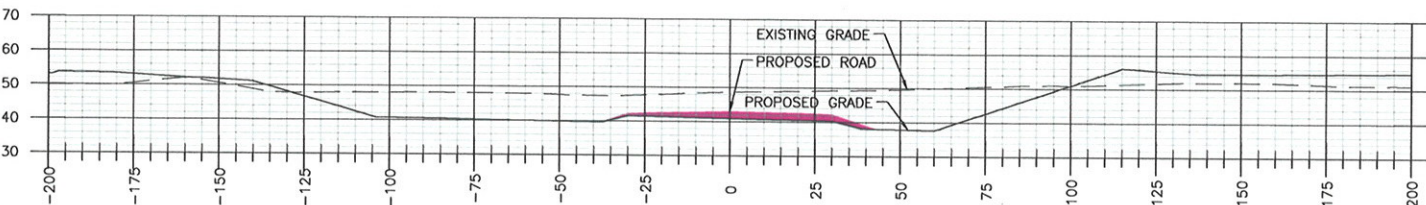
DRAWING TITLE: LOOP ROAD ALIGNMENT
2 LANE - 2036
CROSS SECTIONS

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Isreal	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinney	APPROVED-CHIEF ENGINEER: John Natoli	CONTRACT NO.: TBD
DATE: 10.06.09	SCALE: AS SHOWN	DRAWING NO.: R6-C-30.21
SHEET NO. / SHEETS		

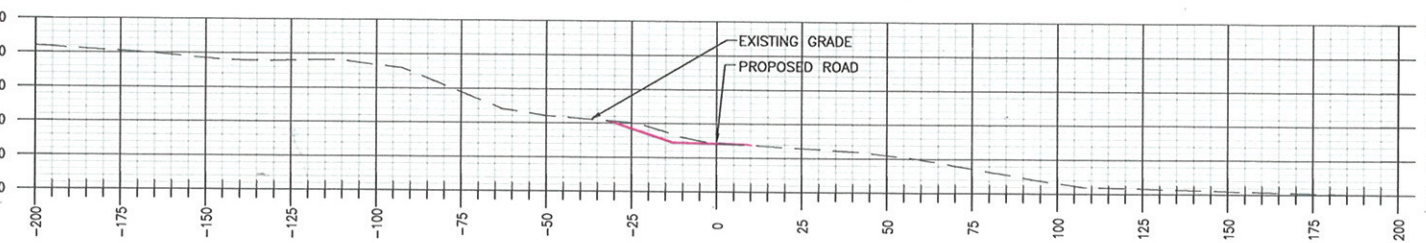
THE ABOVE SIGNATURES DO NOT IN ANY WAY RELEASE THE CONSULTANT FROM ITS RESPONSIBILITIES REGARDING THE ACCURACY AND COMPLETENESS OF THIS DRAWING.



E3 STA. 140+00
1"=20'-0"
20' 0 20' 40'

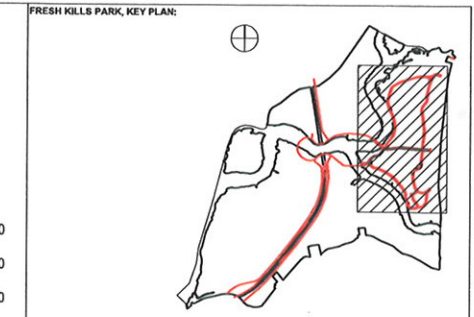


E2 STA. 174+00
1"=20'-0"
20' 0 20' 40'



FH STA. 120+00
1"=20'-0"
20' 0 20' 40'

SECTIONS LOCATION KEY PLAN
1"=400'
400' 0 400' 800'



NOTES:
1. THE DESIGN IS BASED ON DSN'S PROPOSED FINAL LANDFILL COVER GRADES. PROFILES AND SECTIONS INDICATE BOTH EXISTING AND DSN'S PROPOSED FINAL GRADES. PLAN DRAWINGS SHOW ONLY EXISTING GRADES FOR CLARITY.

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Parks & Recreation
Olmsted Center
Flushing Meadows-Corona Park
Flushing, New York

PROJECT TITLE:
FRESH KILLS PARK

DRAWING TITLE:
LOOP ROAD ALIGNMENT
1 LANE - 2036
CROSS SECTIONS

DESIGNED BY: DSN	DRAWN BY: DRN	CHECKED BY: CHK
REVIEWED-TEAM LEADER: Mike Browne	FORESTRY: Arno Israel	REVIEWED-PROJECT MGR: Angelyn Chandler
APPROVED-CHIEF OF DESIGN: Charles McKinley	APPROVED-CHIEF ENGINEER: John Nash	CONTRACT NO.: TBO
DATE: 10.06.09	SCALE: AS SHOWN	DRAWING NO.: R6-C-30.31
		SHEET NO. / SHEETS

DWG NAME: C:\Documents And Settings\jacob\My Documents\101106-C-30.31.dwg
DATE PLOTTED: 10/27/2009 4:53 PM
PLOT FILE: 10/27/2009 5:01 PM