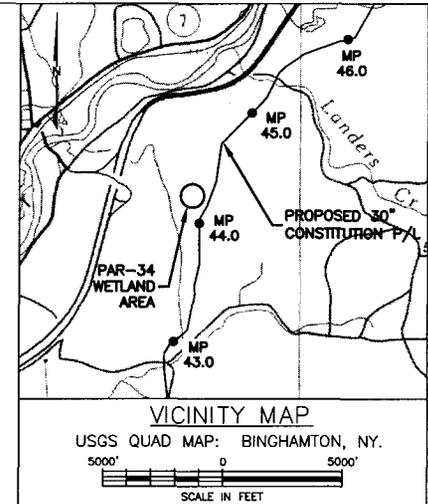
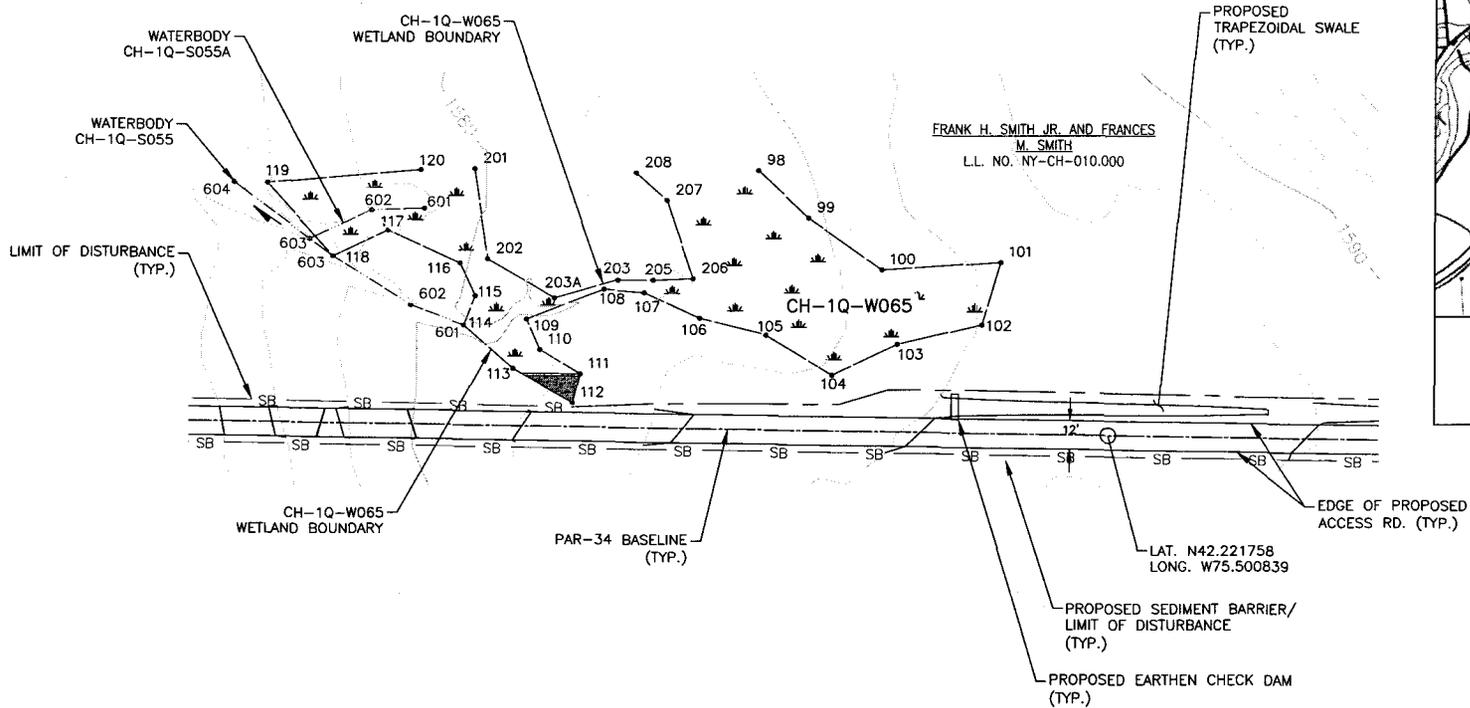


ATTACHMENT 8

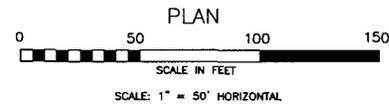
Access Road Crossings – New York

C:\Users\cmccomb\OneDrive\Documents\Map_2012\Map_2012\Map_2012.dwg, File No. 2011 - 8170m, by Christopher L. Lombardi



NOTES:

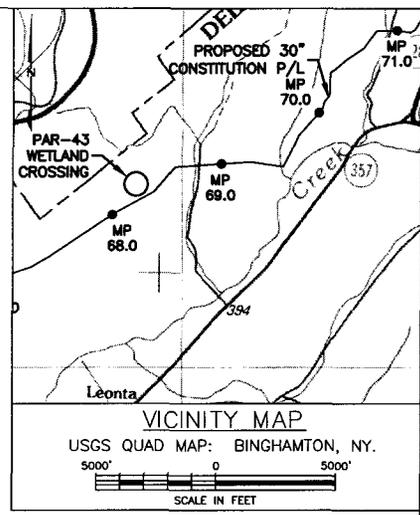
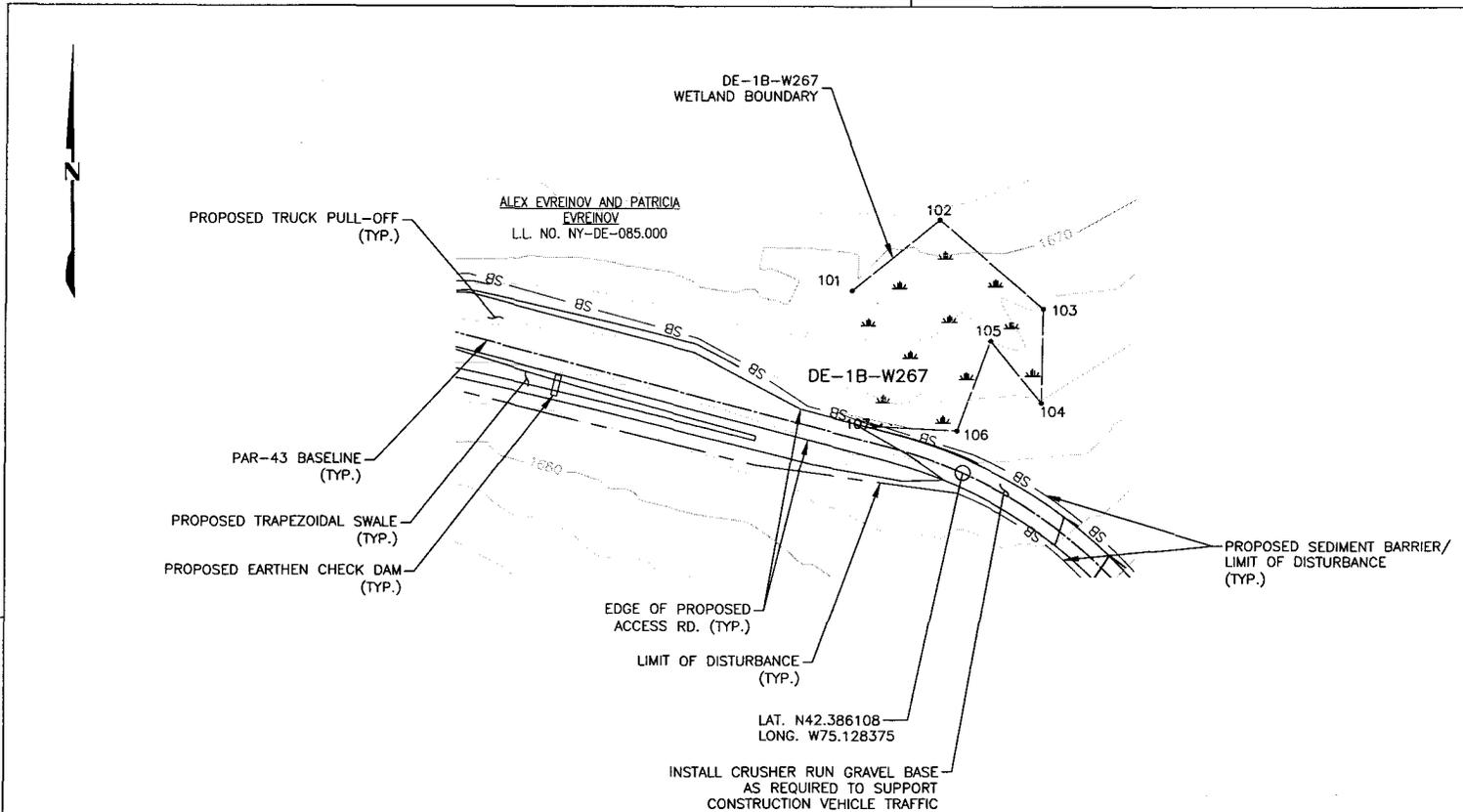
1. NORTH ARROW IS REFERENCED TO THE COORDINATE SYSTEM UTM83-18F.
2. ELEVATIONS ARE REFERENCED TO THE VERTICAL DATUM NAVD83.
3. WETLANDS AND WATERBODIES ON NO ACCESS PARCEL IDENTIFIED USING NATIONAL WETLANDS INVENTORY AND NATIONAL HYDROGRAPHY DATASET INFORMATION.
4. THE LOCATION OF ALL BMP'S (SWALES, SEDIMENT BARRIERS, ETC.) ARE FURTHER DETAILED ON THE ACCESS ROAD DESIGN DRAWINGS AND THE TYPICAL BEST MANAGEMENT PRACTICE DETAILS.
5. WETLAND FIELD DELINEATION WAS COMPLETED BY AECOM.
6. PROPOSED ACCESS ROADS WILL GENERALLY CONSIST OF A 12 FT. WIDE TRAVEL LANE ALONG STRAIGHT SECTIONS OF THE ROAD WITH WIDER WIDTHS REQUIRED AT ACCESS ROAD ENTRANCES AND AROUND CURVES TO ACCOMMODATE THE TURNING RADIUS OF ANTICIPATED CONSTRUCTION VEHICLES (I.E. 75 FT. LONG DROP-DECK LOWBOY TRAILER AND TRUCK).
7. ALL PROPOSED TRUCK PULLOFFS ARE TEMPORARY AND WILL BE REMOVED AFTER CONSTRUCTION IS COMPLETE.



| | | | | | | | | | | |
|---|---|--|----------------------|----------|------|------|--------------|-----------------|--------------------------|-----------------|
| DRAWING NO. 26-26-85/PAR-34.1 SH. 19 26-26-85/PAR-34.2 SH. 20 | REFERENCE TITLE PROPOSED PERMANENT ACCESS ROAD | APPLICATION NO.: NAN-2012-00449-UBR CONSTITUTION PIPELINE COMPANY, LLC. ACDE & NYSDEC JOINT PERMIT PROPOSED 30" NATURAL GAS PIPELINE WETLAND CROSSING CH-1Q-W065 PERMANENT ACCESS ROAD PAR-34 @ 44.2 CHENANGO COUNTY, NEW YORK | | | | | | | | |
| NY PROFESSIONAL ENGINEER NO. 089922 CHRISTOPHER L. LOMBARDI | | | | | | | | | | |
| NO. | DATE | BY | REVISION DESCRIPTION | W.O. NO. | CHK. | APP. | DRAWN BY: | DATE: 10-7-2013 | ISSUED FOR BID: | SCALE: 1" = 50' |
| | | | | | | | CHECKED BY: | DATE: | ISSUED FOR CONSTRUCTION: | |
| | | | | | | | APPROVED BY: | DATE: | DRAWING NUMBER: | SHEET 9 OF 29 |
| | | | | | | | WO: | | PAR-34-CH-1Q-W065 | |

| Wetland ID | Wetland Class | Crossing Length (feet) | Wetland Impact (acres) | | | | | | State Wetland Classification | NYDEC Regulated Wetland (Y/N) | Crossing Method | |
|------------|---------------|------------------------|------------------------|------|-----|-----------|------|-----|------------------------------|-------------------------------|-----------------|----------------|
| | | | CONSTRUCTION | | | OPERATION | | | | | | |
| | | | PFO | PSS | PEM | PFO | PSS | PEM | | | | |
| CH-1Q-W065 | PSS | 8 | | 0.01 | | | 0.01 | | | N/A | NO | Permanent Fill |

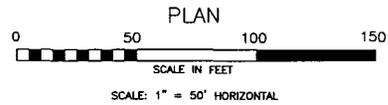
D:\Users\lombardi\Documents\Projects\26-26-85\PAR-43\26-26-85-PAR-43-1-SHT.46.dwg - 11/11/2013 10:00:00 AM - 11/11/2013 10:00:00 AM - 11/11/2013 10:00:00 AM



NOTES:

1. NORTH ARROW IS REFERENCED TO THE COORDINATE SYSTEM UTM83-18F.
2. ELEVATIONS ARE REFERENCED TO THE VERTICAL DATUM NAVD88.
3. WETLANDS AND WATERBODIES ON NO ACCESS PARCEL IDENTIFIED INCLUDING NATIONAL WETLANDS INVENTORY AND NATIONAL HYDROGRAPHY DATASET INFORMATION.
4. THE LOCATION OF ALL BMP's (SWALES, SEDIMENT BARRIERS, ETC.) ARE FURTHER DETAILED ON THE ACCESS ROAD DESIGN DRAWINGS AND THE TYPICAL BEST MANAGEMENT PRACTICE DETAILS.
5. WETLAND FIELD DELINEATION WAS COMPLETED BY AECOM.
6. PROPOSED ACCESS ROADS WILL GENERALLY CONSIST OF A 12 FT. WIDE TRAVEL LANE ALONG STRAIGHT SECTIONS OF THE ROAD WITH WIDER WIDTHS REQUIRED AT ACCESS ROAD ENTRANCES AND AROUND CURVES TO ACCOMMODATE THE TURNING RADIUS OF ANTICIPATED CONSTRUCTION VEHICLES (I.E. 75 FT. LONG DROP-DECK LOWBOY TRAILER AND TRUCK).
7. ALL PROPOSED TRUCK PULLOFFS ARE TEMPORARY AND WILL BE REMOVED AFTER CONSTRUCTION IS COMPLETE.
8. FINAL DESIGN OF PAR-43 IS PENDING ADDITIONAL WETLAND/WATERBODY FIELD SURVEY ALONG THE PROPOSED ACCESS ROAD.

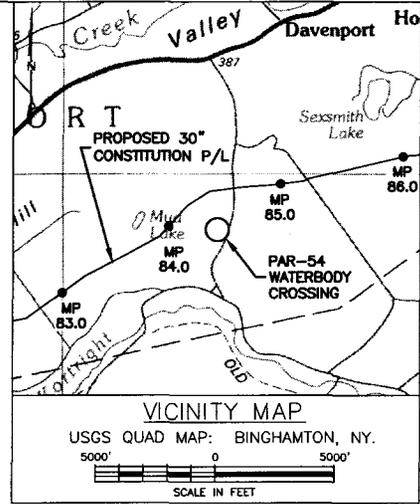
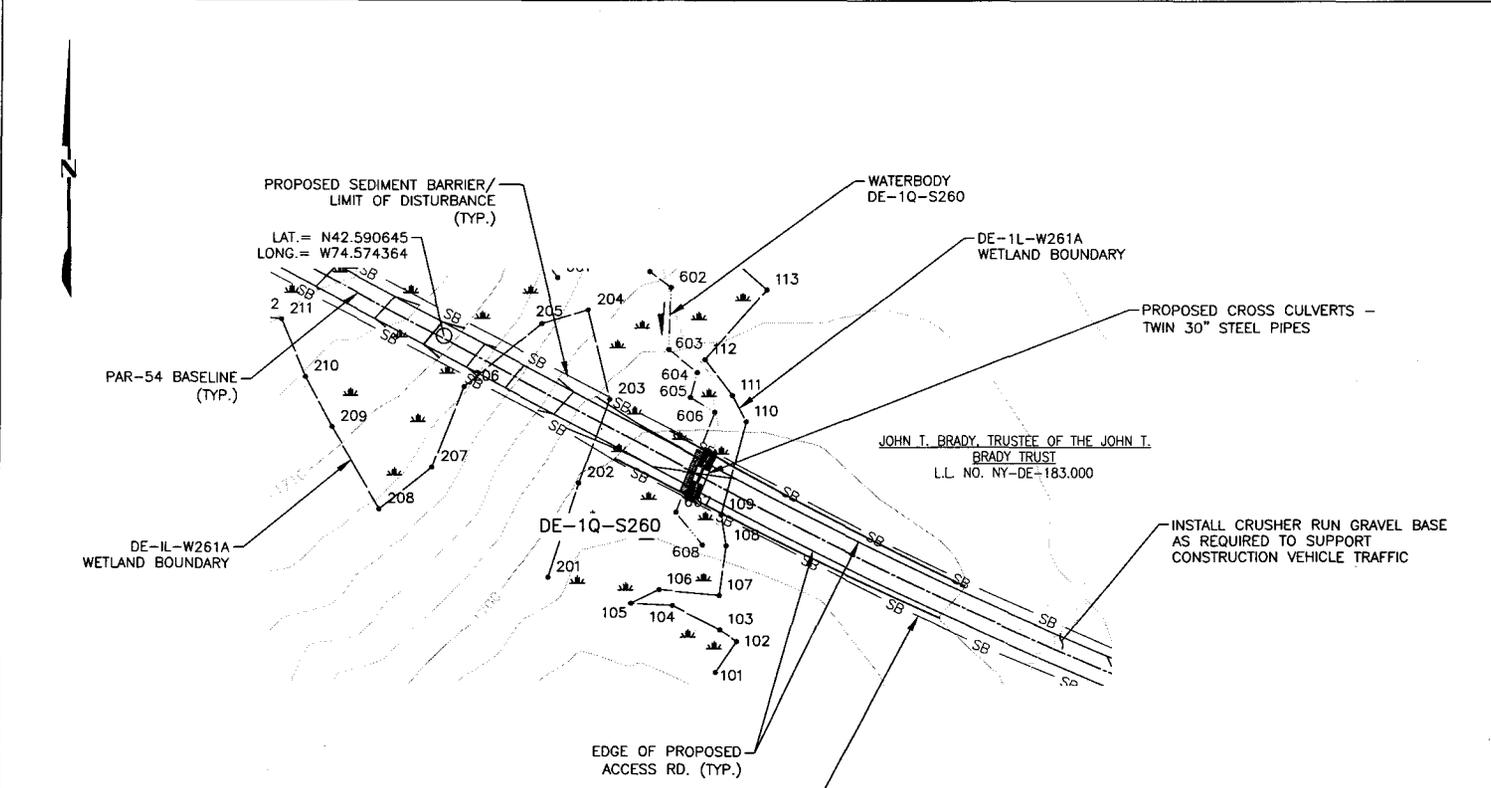
| Wetland ID | Wetland Class | Crossing Length (feet) | Wetland Impact (acres) | | | | | | State Wetland Classification | NYDEC Regulated Wetland (Y/N) | Crossing Method |
|------------|---------------|------------------------|------------------------|-----|------|-----------|-----|------|------------------------------|-------------------------------|-----------------|
| | | | CONSTRUCTION | | | OPERATION | | | | | |
| | | | PFO | PSS | PEM | PFO | PSS | PEM | | | |
| DE-1B-W267 | PEM | 0 | | | 0.01 | | | 0.01 | N/A | NO | Permanent Fill |



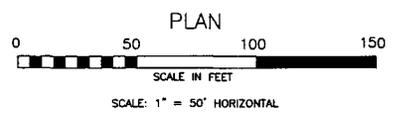
CHRISTOPHER L. LOMBARDI

NY PROFESSIONAL ENGINEER
NO. 089922

| | | | | | | | | | | |
|--|------|---|--------------------------|---|----------------|--|--|-----------------------------------|-----|------|
| DRAWING NO. 26-26-85/PAR-43.1 SHT. 46 | | REFERENCE TITLE PROPOSED PERMANENT ACCESS ROAD | | APPLICATION NO.: NAN-2012-00449-UBR | | | | | | |
| CONSTITUTION PIPELINE COMPANY, LLC. ACOE & NYSDEC JOINT PERMIT PROPOSED 30" NATURAL GAS PIPELINE WETLAND CROSSING DE-1B-W267 PERMANENT ACCESS ROAD PAR-43 @ MP 68.3 DELAWARE COUNTY, NEW YORK | | | |  | | | | | | |
| NO. | DATE | BY | REVISION DESCRIPTION | | | | | W.O. NO. | CHK | APP. |
| DRAWN BY: | | DATE: 10-7-2013 | ISSUED FOR BID: | | | | | SCALE: 1" = 50' | | |
| CHECKED BY: | | DATE: | ISSUED FOR CONSTRUCTION: | | | | | DRAWING NUMBER: PAR-43-DE-1B-W267 | | |
| APPROVED BY: | | DATE: | DRAWING NUMBER: | | SHEET 16 OF 29 | | | | | |



- NOTES:**
1. NORTH ARROW IS REFERENCED TO THE COORDINATE SYSTEM UTM83-18F.
 2. ELEVATIONS ARE REFERENCED TO THE VERTICAL DATUM NAVD88.
 3. WETLANDS AND WATERBODIES ON NO ACCESS PARCEL IDENTIFIED USING NATIONAL WETLANDS INVENTORY AND NATIONAL HYDROGRAPHY DATASET INFORMATION.
 4. THE LOCATION OF ALL BMP'S (SWALES, SEDIMENT BARRIERS, ETC.) ARE FURTHER DETAILED ON THE ACCESS ROAD DESIGN DRAWINGS AND THE TYPICAL BEST MANAGEMENT PRACTICE DETAILS.
 5. WATER BODY FIELD DELINEATION WAS COMPLETED BY ACCOM.
 6. PROPOSED ACCESS ROADS WILL GENERALLY CONSIST OF A 12 FT. WIDE TRAVEL LANE ALONG STRAIGHT SECTIONS OF THE ROAD WITH WIDER WIDTHS REQUIRED AT ACCESS ROAD ENTRANCES AND AROUND CURVES TO ACCOMMODATE THE TURNING RADIUS OF ANTICIPATED CONSTRUCTION VEHICLES (I.E. 75 FT. LONG DROP-DECK LOWBOY TRAILER AND TRUCK).
 7. ALL PROPOSED TRUCK PULLOFFS ARE TEMPORARY AND WILL BE REMOVED AFTER CONSTRUCTION IS COMPLETE.
 8. FINAL DESIGN OF PAR-54 IS PENDING FINAL FIELD ROUTING OF THE ROAD.



CHRISTOPHER L. LOMBARDI
 NY PROFESSIONAL ENGINEER
 NO. 085922

| DRAWING NO. | | | REFERENCE TITLE | | |
|-------------------------|------|----|--------------------------------|----------|-----------|
| 26-28-85/PAR-54.2 SH.72 | | | PROPOSED PERMANENT ACCESS ROAD | | |
| NO. | DATE | BY | REVISION DESCRIPTION | W.O. NO. | CHK. APP. |
| | | | | | |

APPLICATION NO.: NAN-2012-00449-UBR

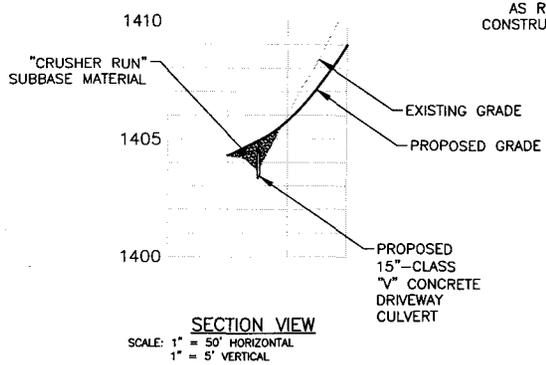
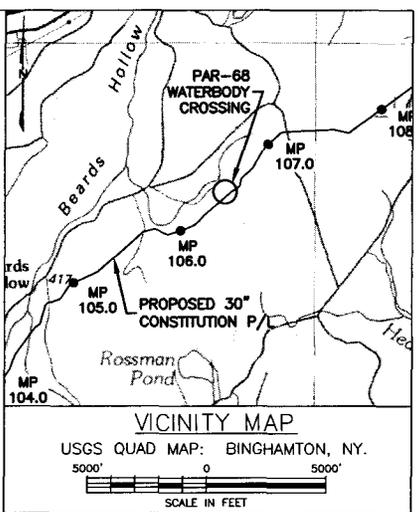
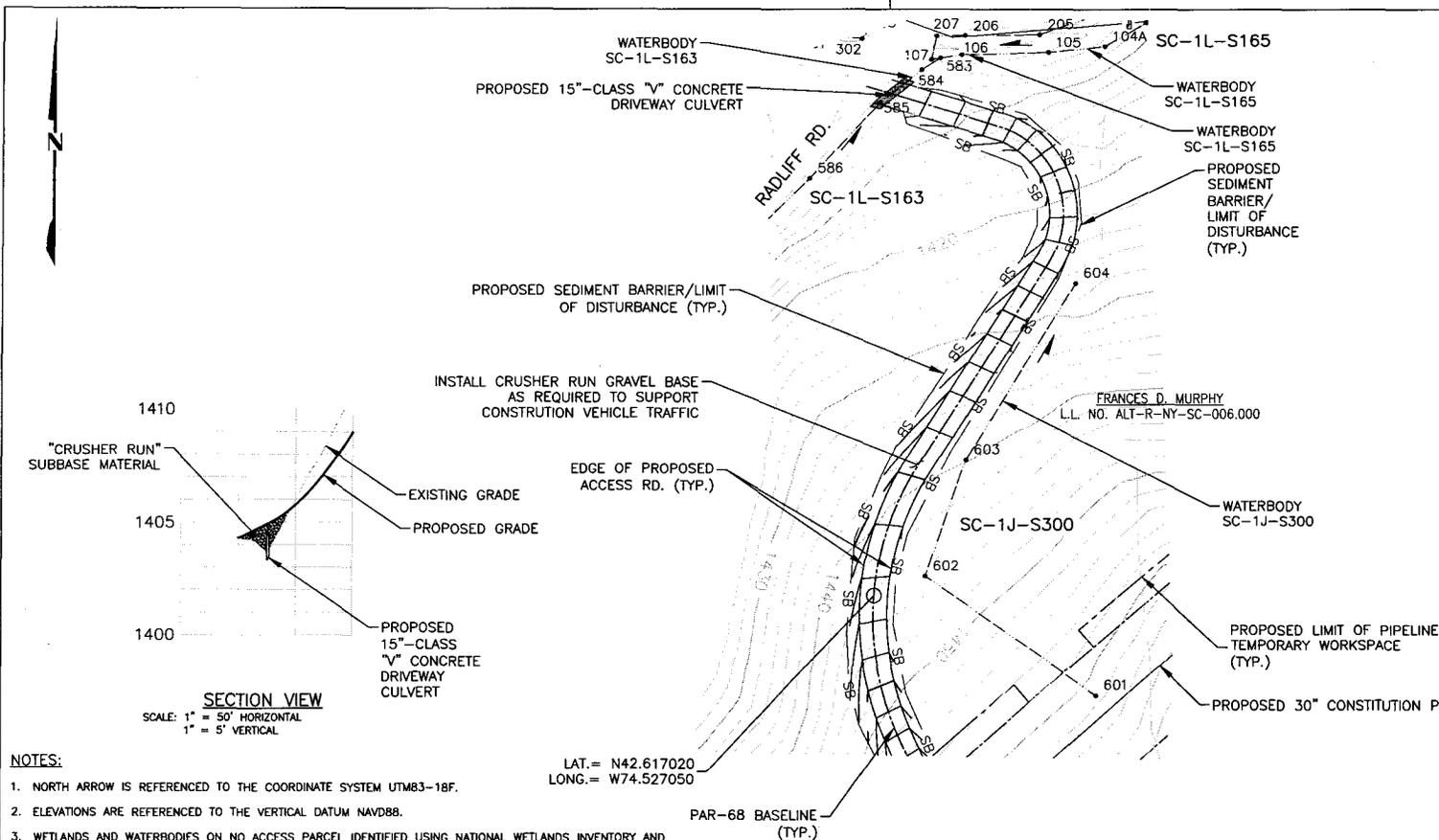
CONSTITUTION PIPELINE COMPANY, LLC.
 ACOE & NYSDEC JOINT PERMIT
 PROPOSED 30" NATURAL GAS PIPELINE
 WATERBODY CROSSING DE-1Q-S260
 PERMANENT ACCESS ROAD PAR-54 @ MP 84.3
 DELAWARE COUNTY, NEW YORK

| Waterbody ID | Waterbody Name | Flow Regime | Crossing Length (feet) | Stream Disturbance (acres) | | State Water Quality Standard | NYDEC Protected Stream (Y/N) | State Fishery Classification | Crossing Method |
|--------------|------------------------|--------------|------------------------|----------------------------|-----------|------------------------------|------------------------------|------------------------------|----------------------------|
| | | | | Construction | Operation | | | | |
| DE-1Q-S260 | UNT to Kortright Creek | Intermittent | 3 | 0.01 | 0.01 | D | NO | N/A | Permanent Culvert / Bridge |

| | | | |
|--------------|-----------------|--------------------------|-------------------|
| DRAWN BY: | DATE: 10-7-2013 | ISSUED FOR BID: | SCALE: 1" = 50' |
| CHECKED BY: | DATE: | ISSUED FOR CONSTRUCTION: | |
| APPROVED BY: | DATE: | DRAWING NUMBER: | PAR-54-DE-1Q-S260 |
| WC: | | | SHEET 22 OF 29 |

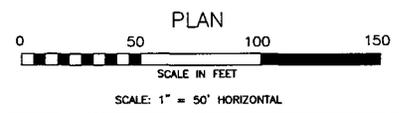
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 Date: 10/7/2013 11:27 AM
 User: Gardner
 Plot: 26-28-85-PAR-54.2 SH.72.dwg
 Plot Date: 10/7/2013 11:27 AM
 Plot User: Gardner
 Plot Device: HP DesignJet T1100e

C:\Users\lombard\Documents\Constition Pipeline\2012-11-27_AccessRoads\Drawings\AccessRoads\SC-1L-S163.dwg, File 04, 2014 - 8:00am by Lombardi



- NOTES:**
- NORTH ARROW IS REFERENCED TO THE COORDINATE SYSTEM UTM83-18F.
 - ELEVATIONS ARE REFERENCED TO THE VERTICAL DATUM NAVD88.
 - WETLANDS AND WATERBODIES ON NO ACCESS PARCEL IDENTIFIED USING NATIONAL WETLANDS INVENTORY AND NATIONAL HYDROGRAPHY DATASET INFORMATION.
 - THE LOCATION OF ALL BMP'S (SWALES, SEDIMENT BARRIERS, ETC.) ARE FURTHER DETAILED ON THE ACCESS ROAD DESIGN DRAWINGS AND THE TYPICAL BEST MANAGEMENT PRACTICE DETAILS.
 - WATER BODY FIELD DELINEATION WAS COMPLETED BY AECOM.
 - PROPOSED ACCESS ROADS WILL GENERALLY CONSIST OF A 12 FT. WIDE TRAVEL LANE ALONG STRAIGHT SECTIONS OF THE ROAD WITH WIDER WIDTHS REQUIRED AT ACCESS ROAD ENTRANCES AND AROUND CURVES TO ACCOMMODATE THE TURNING RADIUS OF ANTICIPATED CONSTRUCTION VEHICLES (I.E. 75 FT. LONG DROP-DECK LOWBOY TRAILER AND TRUCK).
 - ALL PROPOSED TRUCK PULLOFFS ARE TEMPORARY AND WILL BE REMOVED AFTER CONSTRUCTION IS COMPLETE.

LAT. = N42.617020
LONG. = W74.527050



| Waterbody ID | Waterbody Name | Flow Regime | Crossing Length (feet) | Stream Disturbance (acres) | | State Water Quality Standard | NYDEC Protected Stream (Y/N) | State Fishery Classification | Crossing Method |
|--------------|-------------------------|-------------|------------------------|----------------------------|-----------|------------------------------|------------------------------|------------------------------|------------------|
| | | | | Construction | Operation | | | | |
| SC-1J-S300 | UNT to Cobleskill Creek | Ephemeral | N/A | | | C | N | N/A | N/A |
| SC-1L-S163 | UNT to Cobleskill Creek | Ephemeral | 5 | 0.0017 | 0.0017 | D | N | N/A | Proposed Culvert |
| SC-1L-S165 | UNT to Cobleskill Creek | Ephemeral | N/A | | | C | N | N/A | N/A |

| DRAWING NO. | | REFERENCE TITLE | |
|------------------------|------|--------------------------------|----------------------|
| 26-26-05/PAR-68 SH1.00 | | PROPOSED PERMANENT ACCESS ROAD | |
| NO. | DATE | BY | REVISION DESCRIPTION |
| | | | |

APPLICATION NO.: NAN-2012-00449-UBR

NY. PROFESSIONAL ENGINEER
NO. 089922

CHRISTOPHER L. LOMBARDI

CONSTITUTION PIPELINE COMPANY, LLC.
ACDE & NYSDEC JOINT PERMIT
PROPOSED 30" NATURAL GAS PIPELINE
WATERBODY CROSSING SC-1J-S300, SC-1L-S163,
SC-1L-S165
PERMANENT ACCESS ROAD PAR-68 @ MP 106.4
SCHOHARIE COUNTY, NEW YORK

SCALE: 1" = 50'

CHECKED BY: DATE: ISSUED FOR CONSTRUCTION:

APPROVED BY: DATE: DRAWING NUMBER: PAR-68-SC-1J-S300/ SC-1L-S165/SC-1L-S163

SHEET 27 OF 29