POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (PCSM)
NORTHEAST SUPPLY ENHANCEMENT PROJECT
COMPRESSOR STATION NO. 206
HIGGINS FARM ACCESS ROAD
FRANKLIN TOWNSHIP, SOMERSET COUNTY, NEW JERSEY

OWNER / APPLICANT

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
(TRANSCO)
P.O. BOX 1396
2800 POST OAK BLVD.
HOUSTON, TX 77056

CONTACT: JOSEPH DEAN
PERMIT AGENT
(281) 433-8046

PLAN PREPARER

AECOM
625 WEST RIDGE PIKE, SUITE E-100
CONSHOHOCKEN, PA 19428

CONTACT: JOHN DROMSKY-REED, P.E.
PROJECT ENGINEER
(973) 883-8677

PROJECT DESCRIPTION

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC (TRANSCO) IS PROPOSING TO CONSTRUCT ITS COMPRESSOR STATION (CS 206) IN FRANKLIN TOWNSHIP, SOMERSET COUNTY, NEW JERSEY. THE PROJECT WILL INVOLVE THE CONSTRUCTION OF SMALL BUILDINGS, ASPHALT ACCESS ROAD AND PARKING AREAS, EQUIPMENT PADS, AND THE INSTALLATION OF TWO GAS PIPELINES (A SUCTION LINE AND A GAS DISCHARGE LINE) TO CONNECT THE PROPOSED COMPRESSOR STATION TO THE EXISTING NATURAL GAS TRANSMISSION LINE.

THESE DRAWINGS SHOW THE SITE GRADING AND POST CONSTRUCTION STORMWATER MANAGEMENT MEASURES PLANNED IN CONJUNCTION WITH CS206, IN ACCORDANCE WITH N.J.A.C 7:8 (STORMWATER MANAGEMENT) SUBCHAPTER 5.

THIS EXPANSION PROJECT IS REGULATED BY THE U.S. DEPARTMENT OF ENERGY, FEDERAL ENERGY REGULATORY COMMISSION (FERC). IN ADDITION TO STATE AND LOCAL REQUIREMENTS, THIS EROSION AND SEDIMENT CONTROL PLAN INCLUDES MITIGATION MEASURES FOR PIPELINE CONSTRUCTION SPECIFIED BY FERC IN ITS PLAN AND PROCEDURES DOCUMENTS, UPLAND EROSION CONTROL, REVEGETATION AND MAINTENANCE PLAN, MAY 2013 AND WETLAND AND WATERBODY CONSTRUCTION AND MITIGATION PROCEDURES, MAY 2013.

ANTICIPATED CONSTRUCTION & RESTORATION SCHEDULE

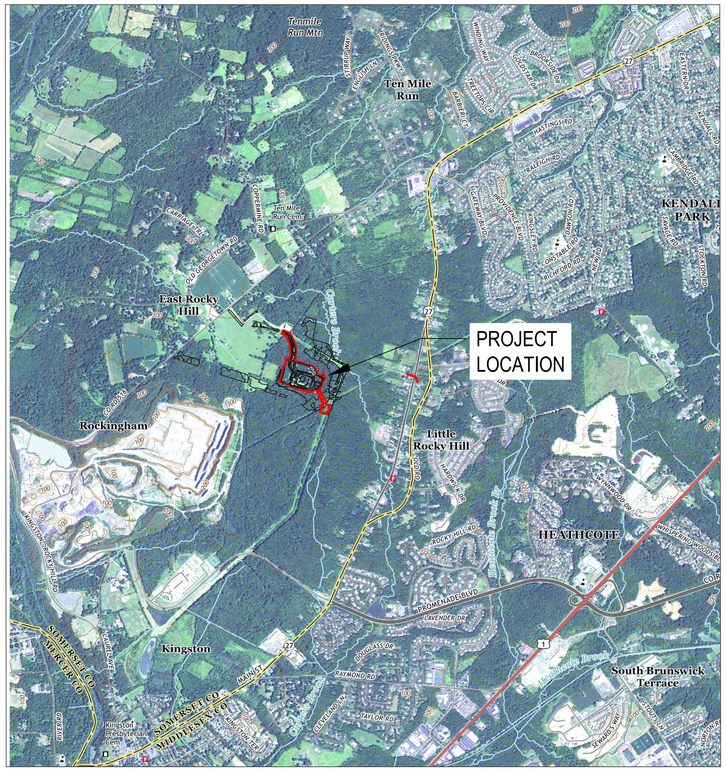
	START	END
CONSTRUCTION	Q1 2027	Q1 2028
RESTORATION	Q2 2028	Q4 2028

SHEET INDEX

DESCRIPTION	SHEET NUMBER
COVER SHEET	1
EXISTING CONDITIONS AND SOILS MAP (SHEET 1 OF 3)	2
EXISTING CONDITIONS AND SOILS MAP (SHEET 2 OF 3)	3
EXISTING CONDITIONS AND SOILS MAP (SHEET 3 OF 3)	4
POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (SHEET 1 OF 3)	5
POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (SHEET 2 OF 3)	6
POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (SHEET 3 OF 3)	7
SOIL TESTING PLAN (SHEET 1 OF 3)	8
SOIL TESTING PLAN (SHEET 2 OF 3)	9
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DETAILS (SHEET 1 OF 4)	11
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INFILTRATION BASIN PROFILE PLAN (TYPICAL, BASIN 7 SHOWN)	15

BMP INDEX

DESCRIPTION	SHEET NUMBER
INFILTRATION BASIN	11
CONCRETE OUTLET-STRUCTURE (INFILTRATION BASIN #3)	11
BRUSH SEEDING	11
TRASH RACK	11
REINFORCED CONCRETE END SECTION	13
CULVERT FOR NON-STREAM CROSSING	13
PRECAST MANHOLE DETAIL	13
CONCRETE ANTI-SEEP COLLAR	13
PIPE BEDDING	14
VEGETATED CHANNEL	14
RIPRAP CHANNEL	14
RIPRAP SLOPE PROTECTION	14
ASPHALT ACCESS ROAD	14
PREFORMED SCOUR HOLE	14

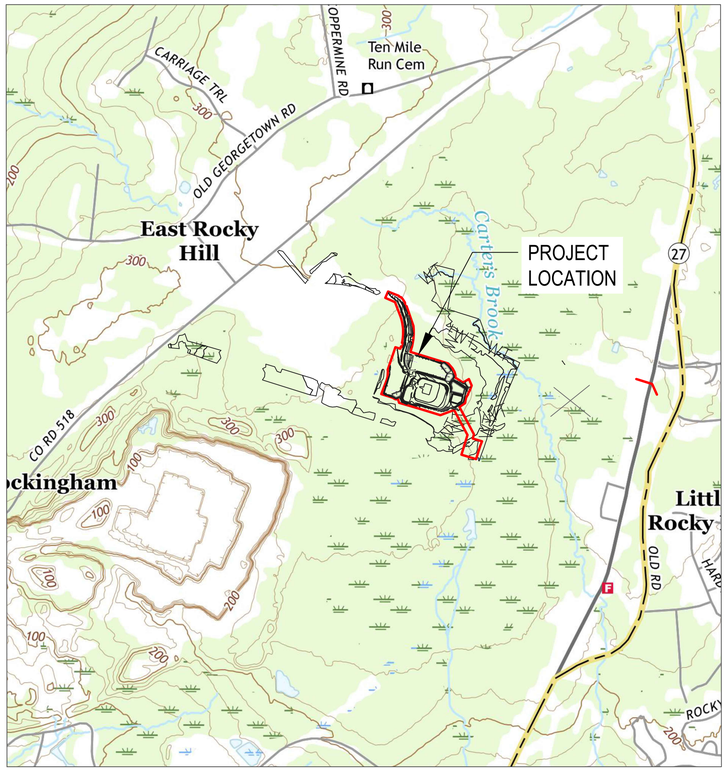


USGS AERIAL MAP

SCALE: 1 INCH=2000 FEET

0 2000 4000

MAP SOURCE
MONMOUTH JUNCTION, NJ QUADRANGLE
U.S. GEOLOGICAL SURVEY, 2016

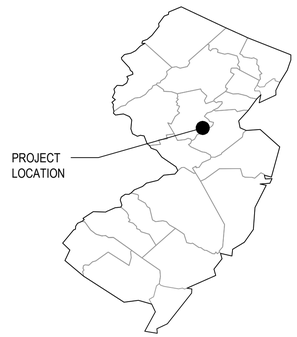


USGS TOPOGRAPHIC MAP

SCALE: 1 INCH=1000 FEET

0 1000 2000

MAP SOURCE
MONMOUTH JUNCTION, NJ QUADRANGLE
U.S. GEOLOGICAL SURVEY, 2016



STATE OF NEW JERSEY

SEQUENCE OF CONSTRUCTION

1. ALL EARTH DISTURBANCES, INCLUDING CLEARING AND GRUBBING AS WELL AS CUTS AND FILLS SHALL BE DONE IN ACCORDANCE WITH THE APPROVED SE&SC PLAN. A COPY OF THE APPROVED DRAWINGS (STAMPED, SIGNED AND DATED BY THE REVIEWING AGENCY) MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES. THE REVIEWING AGENCY SHALL BE NOTIFIED OF ANY CHANGES TO THE APPROVED PLAN PRIOR TO IMPLEMENTATION OF THOSE CHANGES. THE REVIEWING AGENCY MAY REQUIRE A WRITTEN SUBMITTAL OF THOSE CHANGES FOR REVIEW AND APPROVAL AT ITS DISCRETION.
2. AT LEAST SEVEN (7) DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, INCLUDING CLEARING AND GRUBBING, THE OWNER AND/OR OPERATOR SHALL INVITE ALL CONTRACTORS, THE LANDOWNER, APPROPRIATE MUNICIPAL OFFICIALS, THE SE&SC PLAN PREPARER, THE PCSM PLAN PREPARER, THE LICENSED PROFESSIONAL RESPONSIBLE FOR OVERSIGHT OF CRITICAL STAGES OF IMPLEMENTATION OF THE PCSM PLAN, AND A REPRESENTATIVE FROM THE LOCAL CONSERVATION DISTRICT TO AN ON-SITE PRE-CONSTRUCTION MEETING.
3. MAKE NOTIFICATIONS ACCORDING TO PERMIT REQUIREMENTS.
4. HOLD PRE-CONSTRUCTION MEETING WITH ENVIRONMENTAL INSPECTOR.
5. INSTALL STABILIZED CONSTRUCTION ENTRANCES AND OTHER TEMPORARY PERIMETER EROSION CONTROL MEASURES (I.E. SEDIMENT BARRIER) AS INDICATED ON THE SE&SC PLANS AND DETAILS PRIOR TO EARTH DISTURBING ACTIVITIES.
6. CONSTRUCT THE SEDIMENT BASIN, INCLUDING OUTLET STRUCTURE, OUTLET PROTECTION AND EMERGENCY SPILLWAY AS INDICATED ON THE SE&SC PLANS AND DETAILS. CARE SHOULD BE TAKEN TO AVOID COMPACTION OF THE BASIN BOTTOM. REFER TO THE 'BASIN COMPACTION NOTES'. DO NOT INSTALL THE SAND MEDIA IN THE BASIN BOTTOM AT THIS TIME.
7. REMOVE TOPSOIL FROM VEGETATED AREAS TO BE DISTURBED DURING EXCAVATION AND STOCKPILE IN STOCKPILE AREA.
8. COMPLETE WORK ACTIVITIES ASSOCIATED WITH CONSTRUCTION OF COMPRESSOR STATION, ACCESS ROAD, LOOP ROAD, VALVES AND PIPING, VEGETATED SWALES ETC.
9. PRIOR TO TOPSOIL REPLACEMENT, ALL DISTURBED AND COMPACTED SUBGRADE AREAS SHALL BE DEEP SCARIFIED/TILLED TO A MINIMUM DEPTH OF 6 INCHES, UNLESS OTHERWISE APPROVED, IN ACCORDANCE WITH THE SOIL COMPACTION MITIGATION NOTES AND THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY.
10. RETURN TOPSOIL TO DESIGNATED AREAS
11. COMPLETE FINAL STABILIZATION INCLUDING SOIL TREATMENT, SEEDBED PREPARATION, SEED APPLICATION AND MULCHING.
12. AFTER FINAL STABILIZATION IS COMPLETED BY REVEGETATION AND OTHER PERMANENT STABILIZATION MEASURES, AS APPLICABLE, CONSTRUCT INFILTRATION BASINS, CLEAN OUT THE SEDIMENT BASIN AND CONVERT TO AN INFILTRATION BASIN BY INSTALLING SAND MEDIA IN THE BASIN BOTTOM.
13. REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROLS AND CLEAN UP PROJECT SITE.
14. SUBMIT A COMPLETED NOTICE OF TERMINATION TO THE CONSERVATION DISTRICT.

MAINTENANCE

ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED DAILY AND AFTER EACH SIGNIFICANT RAINFALL. THE SEDIMENT BARRIER SHALL BE CHECKED REGULARLY FOR UNDERMINING, AND DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION IS HALF WAY TO THE TOP OF THE BARRIER.
THE SEEDED AREAS SHALL BE CHECKED TO ENSURE THAT THE DEVELOPMENT OF A GOOD VEGETATIVE STAND AND GROWTH CONTINUES. THE AREAS SHALL BE FERTILIZED AND RESEEDED AS NEEDED.

DISTURBED AREA

AREA DESCRIPTION	ACREAGE
COMPRESSOR STATION 206	20.4 ACRES

REFERENCES

1. EXISTING FEATURE INFORMATION (TOPOGRAPHY, PROPERTY LINES, UTILITIES, ETC.) BASED ON FIELD SURVEY PROVIDED BY TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC (TRANSCO)
2. STREAM AND WETLAND INFORMATION SHOWN BASED ON FIELD DELINEATION PERFORMED BY ECOLOGY & ENVIRONMENT AND PROVIDED BY TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC (TRANSCO).
3. PROPOSED SITE LAYOUT INFORMATION (ROADWAY, COMPRESSOR STATION FACILITIES, GRADING, ETC.) PROVIDED BY HUNT GUILLOT & ASSOCIATES (HGA).

AECOM
625 WEST RIDGE PIKE, SUITE E-100
CONSHOHOCKEN, PA 19428
(610) 832-3500

JOHN DROMSKY-REED, P.E.
NEW JERSEY
PROFESSIONAL ENGINEER NO 24GE04512400

REVISIONS

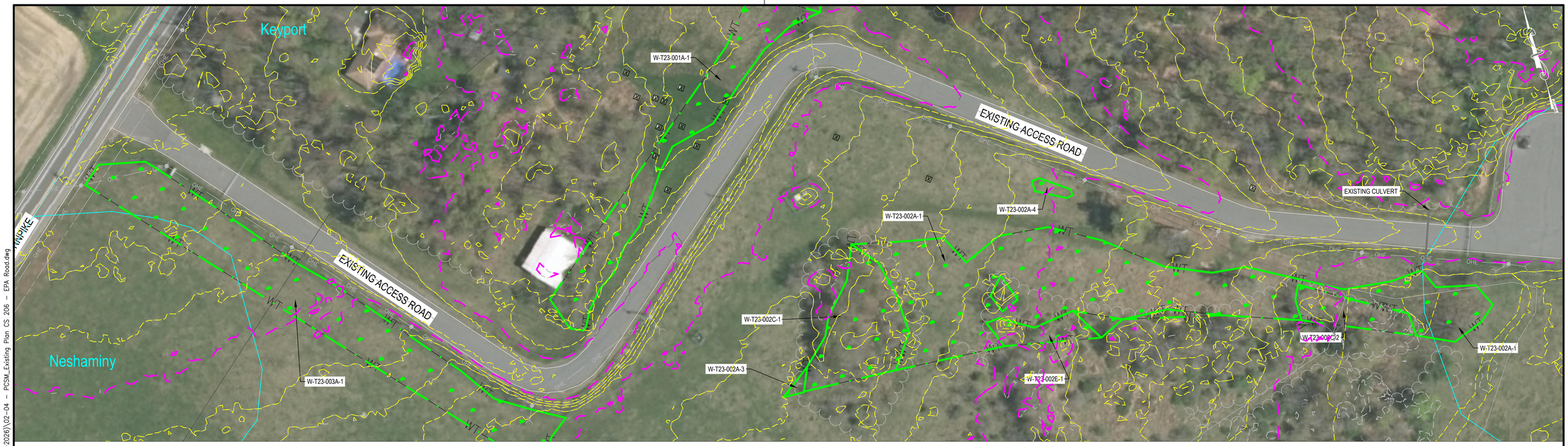
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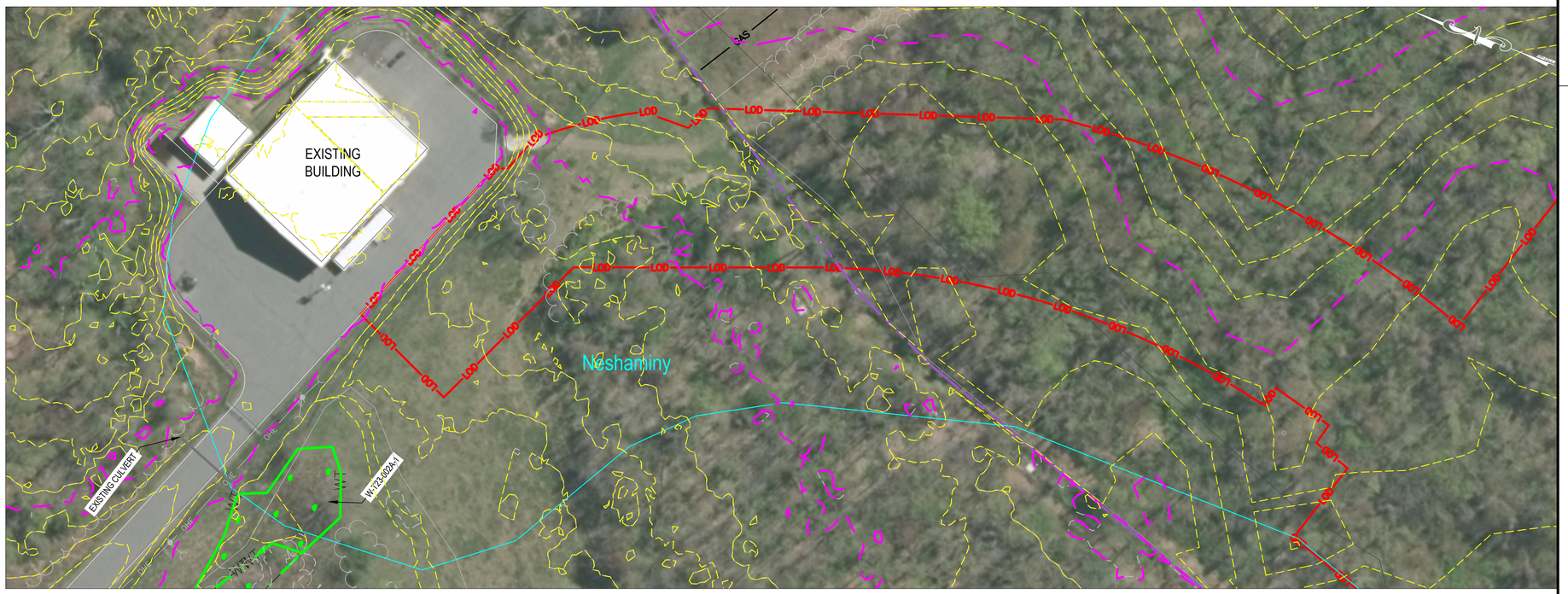
TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
POST CONSTUCTION STORMWATER MANAGEMENT PLAN
NORTHEAST SUPPLY ENHANCEMENT PROJECT
COMPRESSOR STATION NO. 206 - HIGGINS FARM ACCESS ROAD
COVER SHEET
FRANKLIN TOWNSHIP, SOMERSET COUNTY, NJ

Williams GAS PIPELINE

DRAWN BY:	PPH	DATE: 01/15/2020	ISSUED FOR BID: TBD	SCALE:	N.T.S.
CHECKED BY:	TPF	DATE: 01/15/2020	ISSUED FOR CONSTRUCTION: TBD	REVISION:	2
APPROVED BY:	KDM	DATE: 01/15/2020	DRAWING NUMBER:	SHEET	1
WO:	1185732			OF	15

Drawn By & Date/Time: eva.tucewicz Nov 10, 2026 - 12:58pm
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LEGEND

EXISTING FEATURES

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- STREAM CENTERLINE
- WETLAND
- PARCEL LINE
- EXISTING ACCESS ROADS
- EXISTING FENCE
- EXISTING OVERHEAD POWER LINE
- EXISTING PIPELINE
- EXISTING RIGHT OF WAY
- SOIL TYPE BOUNDARY
- WasA SOIL TYPE

PROPOSED FEATURES

- LOD LIMIT OF DISTURBANCE

NOTES:

1. THIS BASE MAP WAS PREPARED ON AERIAL TOPOGRAPHY AND ACTUAL FIELD SURVEY PROVIDED BY WILLIAMS AND ARE REFERENCED TO THE NEW JERSEY STATE PLANE DATUM.
2. PROPERTY LINE INFORMATION PROVIDED BY WILLIAMS.
3. PROPOSED COMPRESSOR STATION SITE WILL BE STABILIZED WITH CLEAN CRUSHED ROCK (GRAVEL).

SOIL LEGEND:

MuA	MOUNT LUCAS SILT LOAMS
NehB	NESHAMINY SILT LOAMS
WasA	WATCHUNG SILT LOAM

50' 25' 0' 50'
SCALE: 1"= 50'

AECOM
625 WEST RIDGE PIKE, SUITE E-100
CONSHOHOCKEN, PA 19428
(610) 832-3500

JOHN DROMSKY-REED, P.E.
STATE OF NEW JERSEY
JOHN T. DROMSKY-REED
No. 24GE04512400
LICENSED
PROFESSIONAL ENGINEER
John Dromsky-Reed
NEW JERSEY
PROFESSIONAL ENGINEER NO 24GE04512400

REVISIONS

NO.	DATE	BY	DESCRIPTION	W.O. NO.	CHK.	APP.
1	11/12/2026	LZ	NJDEP SUBMISSION	60757472	WS	JDR

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
POST CONSTUCTION STORMWATER MANAGEMENT PLAN
NORTHEAST SUPPLY ENHANCEMENT PROJECT
COMPRESSOR STATION NO. 206 - HIGGINS FARM ACCESS ROAD
EXISTING CONDITIONS AND SOILS MAP (1 OF 3)
FRANKLIN TOWNSHIP, SOMERSET COUNTY, NJ

Williams GAS PIPELINE

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W.O: 1185732			

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LEGEND

EXISTING FEATURES

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- STREAM CENTERLINE
- WETLAND
- PARCEL LINE
- EXISTING ACCESS ROADS
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- OHE — EXISTING OVERHEAD POWER LINE
- EXISTING PIPELINE
- EXISTING RIGHT OF WAY
- SOIL TYPE BOUNDARY
- WasA — SOIL TYPE

PROPOSED FEATURES

- LOD — LIMIT OF DISTURBANCE



NOTES:

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STATE OF NEW JERSEY — JOHN T. DROMSKY-REED — No. 24GE04512400 — LICENSED PROFESSIONAL ENGINEER
John Dromsky-Reed
NEW JERSEY
PROFESSIONAL ENGINEER NO 24GE04512400

REVISIONS

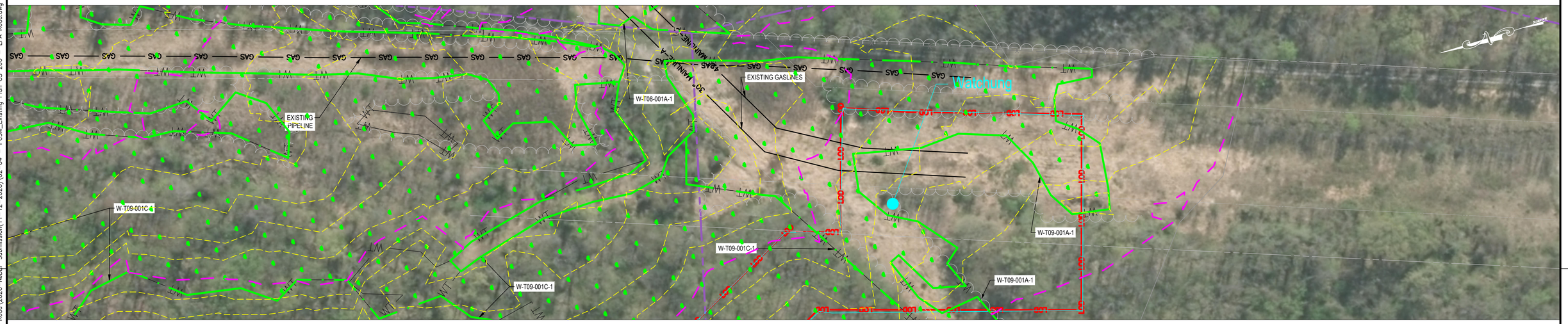
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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
POST CONSTUCTION STORMWATER MANAGEMENT PLAN
NORTHEAST SUPPLY ENHANCEMENT PROJECT
COMPRESSOR STATION NO. 206 - HIGGINS FARM ACCESS ROAD
EXISTING CONDITIONS AND SOILS MAP (2 OF 3)
FRANKLIN TOWNSHIP, SOMERSET COUNTY, NJ

Williams GAS PIPELINE

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Drawn By & Date/Time: eva.tucewicz Nov 10, 2026 - 11:17am
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LEGEND

EXISTING FEATURES

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- STREAM CENTERLINE
- WETLAND
- PARCEL LINE
- EXISTING ACCESS ROADS
- EXISTING FENCE
- EXISTING OVERHEAD POWER LINE
- EXISTING PIPELINE
- EXISTING RIGHT OF WAY
- SOIL TYPE BOUNDARY
- WasA SOIL TYPE

PROPOSED FEATURES

- LOD LIMIT OF DISTURBANCE

NOTES:

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2. PROPERTY LINE INFORMATION PROVIDED BY WILLIAMS.
3. PROPOSED COMPRESSOR STATION SITE WILL BE STABILIZED WITH CLEAN CRUSHED ROCK (GRAVEL).

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NehB	NESHAMINY SILT LOAMS
WasA	WATCHUNG SILT LOAM

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PROFESSIONAL ENGINEER NO 24GE04512400

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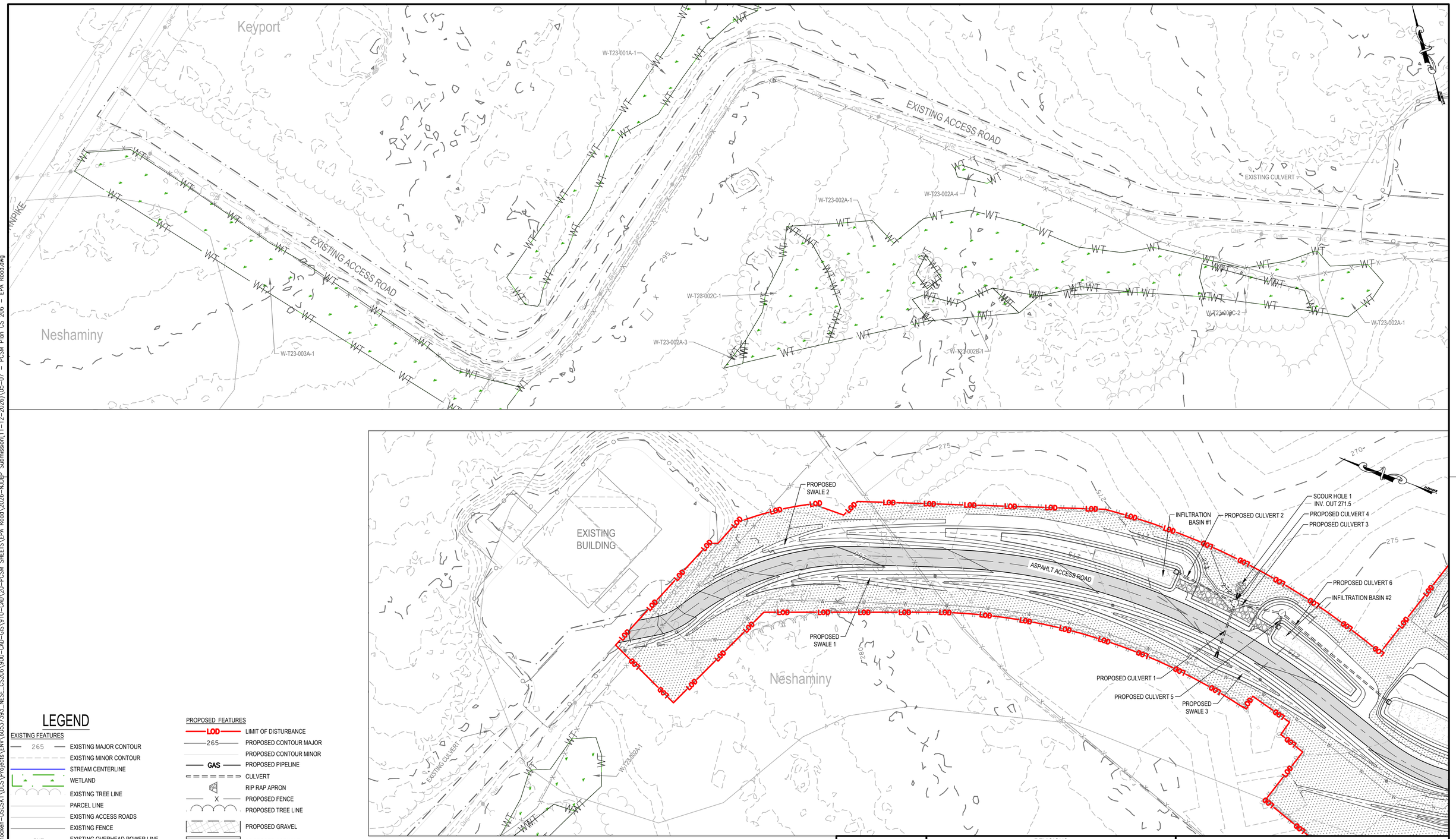
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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
POST CONSTUCTION STORMWATER MANAGEMENT PLAN
NORTHEAST SUPPLY ENHANCEMENT PROJECT
COMPRESSOR STATION NO. 206 - HIGGINS FARM ACCESS ROAD
EXISTING CONDITIONS AND SOILS MAP (3 OF 3)
FRANKLIN TOWNSHIP, SOMERSET COUNTY, NJ

Williams GAS PIPELINE

DRAWN BY: PPH	DATE: 01/15/2020	ISSUED FOR BID: TBD	SCALE: 1"=50'
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APPROVED BY: KDM	DATE: 01/15/2020	DRAWING NUMBER:	SHEET 4 OF 15
W.O: 1185732			

Drawn By & Date/Time: eva.tucewicz Nov 10, 2026 - 11:17am
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LEGEND

EXISTING FEATURES

- 265 — EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- STREAM CENTERLINE
- WETLAND
- EXISTING TREE LINE
- PARCEL LINE
- EXISTING ACCESS ROADS
- EXISTING FENCE
- OHE — EXISTING OVERHEAD POWER LINE
- EXISTING PIPELINE
- EXISTING RIGHT OF WAY
- SOIL TYPE BOUNDARY
- WasA — SOIL TYPE

PROPOSED FEATURES

- LOD — LIMIT OF DISTURBANCE
- 265 — PROPOSED CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- GAS — PROPOSED PIPELINE
- CULVERT
- RIP RAP APRON
- X — PROPOSED FENCE
- PROPOSED TREE LINE
- PROPOSED GRAVEL
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- RIPRAP SLOPE PROTECTION
- PROPOSED BRUSH SEED MIX
- GRASS SEED MIX
- TP-8 — SOIL TEST LOCATION
- EROSION CONTROL BLANKET

SOIL LEGEND:
MOUNT LUCAS
NESHAMINY
WATCHUNG

NOTES:

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50' 25' 0' 50'
SCALE: 1"= 50'

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STATE OF NEW JERSEY — JOHN F. DROMSKY-REED — No. 24GE04512400 — LICENSED PROFESSIONAL ENGINEER
John Dromsky-Reed
NEW JERSEY
PROFESSIONAL ENGINEER NO 24GE0451240

REVISIONS

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
POST CONSTUCTION STORMWATER MANAGEMENT PLAN
NORTHEAST SUPPLY ENHANCEMENT PROJECT
COMPRESSOR STATION NO. 206 - HIGGINS FARM ACCESS ROAD
POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (SHEET 1 OF 3)
FRANKLIN TOWNSHIP, SOMERSET COUNTY, NJ

Williams
GAS PIPELINE

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CHECKED BY: TPF	DATE: 01/15/2020	ISSUED FOR CONSTRUCTION: TBD	REVISION: 2
APPROVED BY: KDM	DATE: 01/15/2020	DRAWING NUMBER:	SHEET 5 OF 15
W.O.: 1185732			

Drawn By & Date/Time: eva.lucewicz Nov 10, 2026 – 11:19am
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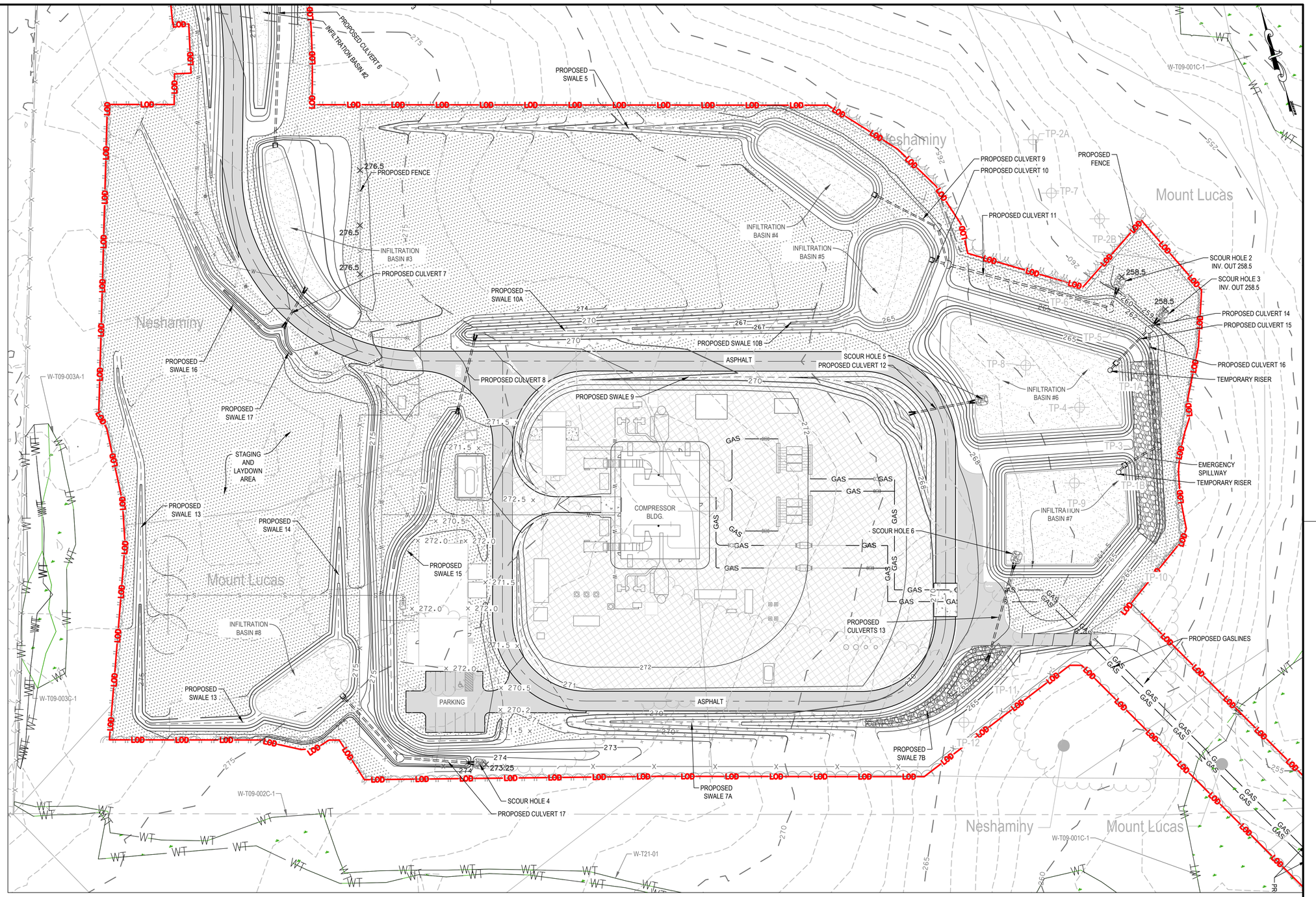
LEGEND

EXISTING FEATURES

- 265 — EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- STREAM CENTERLINE
- WETLAND
- EXISTING TREE LINE
- PARCEL LINE
- EXISTING ACCESS ROADS
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PROPOSED FEATURES

- LOD — LIMIT OF DISTURBANCE
- 265 — PROPOSED CONTOUR MAJOR
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- PROPOSED TREE LINE
- PROPOSED GRAVEL
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- RIPRAP SLOPE PROTECTION
- PROPOSED BRUSH SEED MIX
- GRASS SEED MIX
- TP-8 — SOIL TEST LOCATION
- EROSION CONTROL BLANKET



NOTES:

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SOIL LEGEND:

MOUNT LUCAS
NESHAMINY
WATCHUNG

50' 25' 0' 50'
SCALE: 1"= 50'

AECOM
625 WEST RIDGE PIKE, SUITE E-100
CONSHOHOCKEN, PA 19428
(610) 832-3500

JOHN DROMSKY-REED, P.E.
STATE OF NEW JERSEY
JOHN T. DROMSKY-REED
No. 24GE04512400
LICENSED PROFESSIONAL ENGINEER
John Dromsky-Reed
NEW JERSEY
PROFESSIONAL ENGINEER NO 24GE04512400

REVISIONS

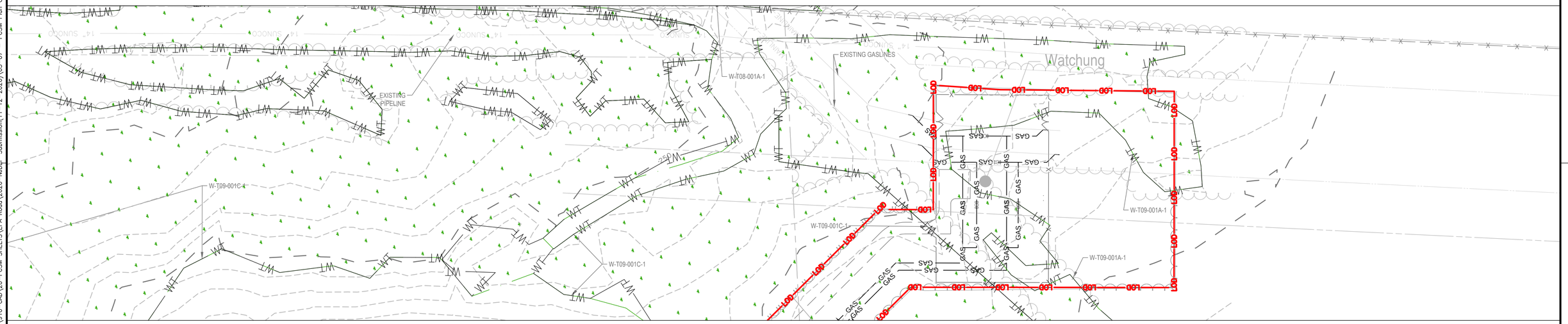
NO.	DATE	BY	DESCRIPTION	W.O. NO.	CHK.	APP.
1	11/12/2026	LZ	NJDEP SUBMISSION	60757472	WS	JDR

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
POST CONSTUCTION STORMWATER MANAGEMENT PLAN
NORTHEAST SUPPLY ENHANCEMENT PROJECT
COMPRESSOR STATION NO. 206 - HIGGINS FARM ACCESS ROAD
POST CONSTRUCTION STORMWATER MANAGEMENT PLAN (SHEET 2 OF 3)
FRANKLIN TOWNSHIP, SOMERSET COUNTY, NJ

Williams GAS PIPELINE

DRAWN BY: PPH	DATE: 01/15/2020	ISSUED FOR BID: TBD	SCALE: 1"=50'
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APPROVED BY: KDM	DATE: 01/15/2020	DRAWING NUMBER:	SHEET 6 OF 15
WO: 1185732			

Drawn By & Date/Time: eva.luciwicz Nov 10, 2026 - 11:21am
Drawing Location & Name: Z:\Conshohocken-USCSK1\DCS\Projects\ENV\60537393_NESE_CS206\900-CAD-GIS\910-CAD\20-PCSM SHEETS\EPA Road\2026-NJDEP Submission(11-12-2026)\05-07 - PCSM Plan CS 206 - EPA Road.dwg



LEGEND

EXISTING FEATURES

- EXISTING MAJOR CONTOUR (265)
- EXISTING MINOR CONTOUR
- STREAM CENTERLINE
- WETLAND
- EXISTING TREE LINE
- PARCEL LINE
- EXISTING ACCESS ROADS
- EXISTING FENCE
- EXISTING OVERHEAD POWER LINE (OHE)
- EXISTING PIPELINE
- EXISTING RIGHT OF WAY
- SOIL TYPE BOUNDARY
- SOIL TYPE (WasA)

PROPOSED FEATURES

- LIMIT OF DISTURBANCE (LOD)
- PROPOSED CONTOUR MAJOR (265)
- PROPOSED CONTOUR MINOR
- PROPOSED PIPELINE (GAS)
- CULVERT
- RIP RAP APRON
- PROPOSED FENCE (X)
- PROPOSED TREE LINE
- PROPOSED GRAVEL
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- RIPRAP SLOPE PROTECTION
- PROPOSED BRUSH SEED MIX
- GRASS SEED MIX
- SOIL TEST LOCATION (TP-8)
- EROSION CONTROL BLANKET

NOTES:

1. THIS BASE MAP WAS PREPARED ON AERIAL TOPOGRAPHY AND ACTUAL FIELD SURVEY PROVIDED BY WILLIAMS AND ARE REFERENCED TO THE NEW JERSEY STATE PLANE DATUM.
2. PROPERTY LINE INFORMATION PROVIDED BY WILLIAMS.
3. PROPOSED COMPRESSOR STATION SITE WILL BE STABILIZED WITH CLEAN CRUSHED ROCK (GRAVEL).

SOIL LEGEND:
MOUNT LUCAS
NESHAMINY
WATCHUNG

50' 25' 0' 50'
SCALE: 1"= 50'

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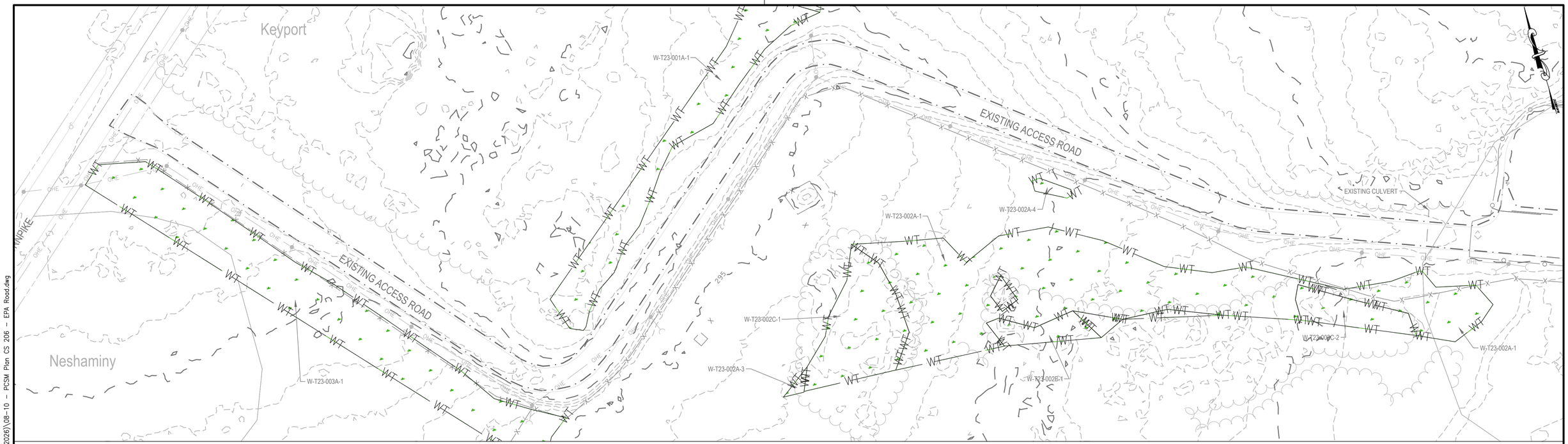
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Williams. GAS PIPELINE

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W.O: 1185732			

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Soil Profile Pit Location				
	Longitude	Latitude	Reference Depth (ft)	Depth (ft) for Soil Profile
1	W74° 35' 55.58495715"	N40° 24' 17.91664901"	3.0	10.0
2	W74° 35' 55.41873728"	N40° 24' 16.68927585"	2.0	9.0
3	W74° 35' 55.62775245"	N40° 24' 14.91593417"	2.0	9.0
4	W74° 35' 55.81898016"	N40° 24' 14.44523376"	3.0	10.0
5	W74° 35' 49.97421223"	N40° 24' 12.18448956"	6.5	13.5
6	W74° 35' 49.29367755"	N40° 24' 11.88483356"	5.5	12.5
6A	W74° 35' 49.1958"	N40° 24' 12.06767"	4.0	11.0
7	W74° 35' 48.64236079"	N40° 24' 10.92435040"	7.5	14.5
8	W74° 35' 48.50576556"	N40° 24' 10.49080179"	6.5	13.5
9	W74° 35' 56.04682262"	N40° 24' 13.29870750"	5.0	12.0
10	W74° 35' 56.10818134"	N40° 24' 12.69032142"	5.0	12.0
11	W74° 35' 57.51043732"	N40° 24' 08.88787656"	3.5	10.5
12	W74° 35' 57.51749939"	N40° 24' 08.38995253"	2.5	9.5
13	W74° 35' 47.70960417"	N40° 24' 08.96612783"	5.0	12.0
14	W74° 35' 47.02635237"	N40° 24' 07.63824188"	4.0	11.0
15	W74° 35' 47.72203890"	N40° 24' 07.43493694"	5.0	12.0
16	W74° 35' 48.99786917"	N40° 24' 11.46244198"	7.5	14.5
17	W74° 35' 58.41186836"	N40° 24' 08.61426455"	3.0	10.0
18	W74° 35' 57.5196"	N40° 24' 07.89966"	1.5	8.5
19	W74° 35' 50.8338"	N40° 24' 12.11492"	6.5	13.5
20	W74° 35' 50.3334"	N40° 24' 11.84795"	6.5	13.5
21	W74° 35' 50.1792"	N40° 24' 11.11086"	7.0	14.0
22	W74° 35' 50.2368"	N40° 24' 10.62347"	7.0	14.0
23	W74° 35' 53.0376"	N40° 24' 13.18919"	6.0	13.0
24	W74° 35' 52.2378"	N40° 24' 13.00542"	4.0	11.0
25	W74° 35' 52.443"	N40° 24' 11.14582"	6.0	13.0
26	W74° 35' 51.4098"	N40° 24' 10.90167"	5.0	12.0
27	W74° 35' 57.876"	N40° 24' 08.27570"	5.0	12.0
28	W74° 35' 57.159"	N40° 24' 08.50421"	5.0	12.0

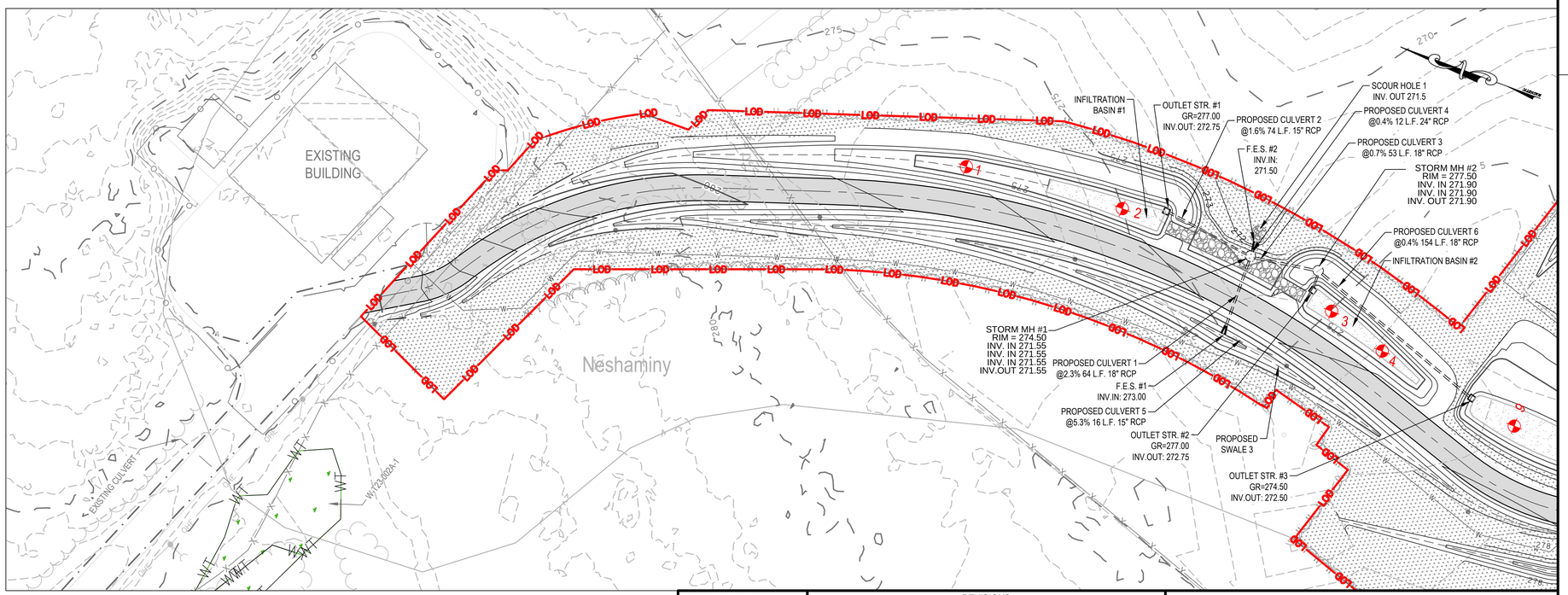
LEGEND

EXISTING FEATURES

- 265 — EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- STREAM CENTERLINE
- WETLAND
- EXISTING TREE LINE
- PARCEL LINE
- EXISTING ACCESS ROADS
- EXISTING FENCE
- OHE — EXISTING OVERHEAD POWER LINE
- EXISTING PIPELINE
- EXISTING RIGHT OF WAY
- SOIL TYPE BOUNDARY
- WasA — SOIL TYPE

PROPOSED FEATURES

- LOD — LIMIT OF DISTURBANCE
- 265 — PROPOSED CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- GAS — PROPOSED PIPELINE
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- RIP RAP APRON
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- PROPOSED BRUSH SEED MIX
- GRASS SEED MIX
- TP-8 — SOIL TEST LOCATION
- 20 (6') — TEST PIT LOCATION
- 20 (6') — TEST PIT FAILED/ABANDONED
- 5A — BASIN FLOODING TEST LOCATION



SOIL LEGEND:
MOUNT LUCAS
NESHAMINY
WATCHUNG

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NORTHEAST SUPPLY ENHANCEMENT PROJECT
COMPRESSOR STATION NO. 206 - HIGGINS FARM ACCESS ROAD
SOIL TESTING PLAN (SHEET 1 OF 3)
FRANKLIN TOWNSHIP, SOMERSET COUNTY, NJ

Williams GAS PIPELINE

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W.O: 1185732			

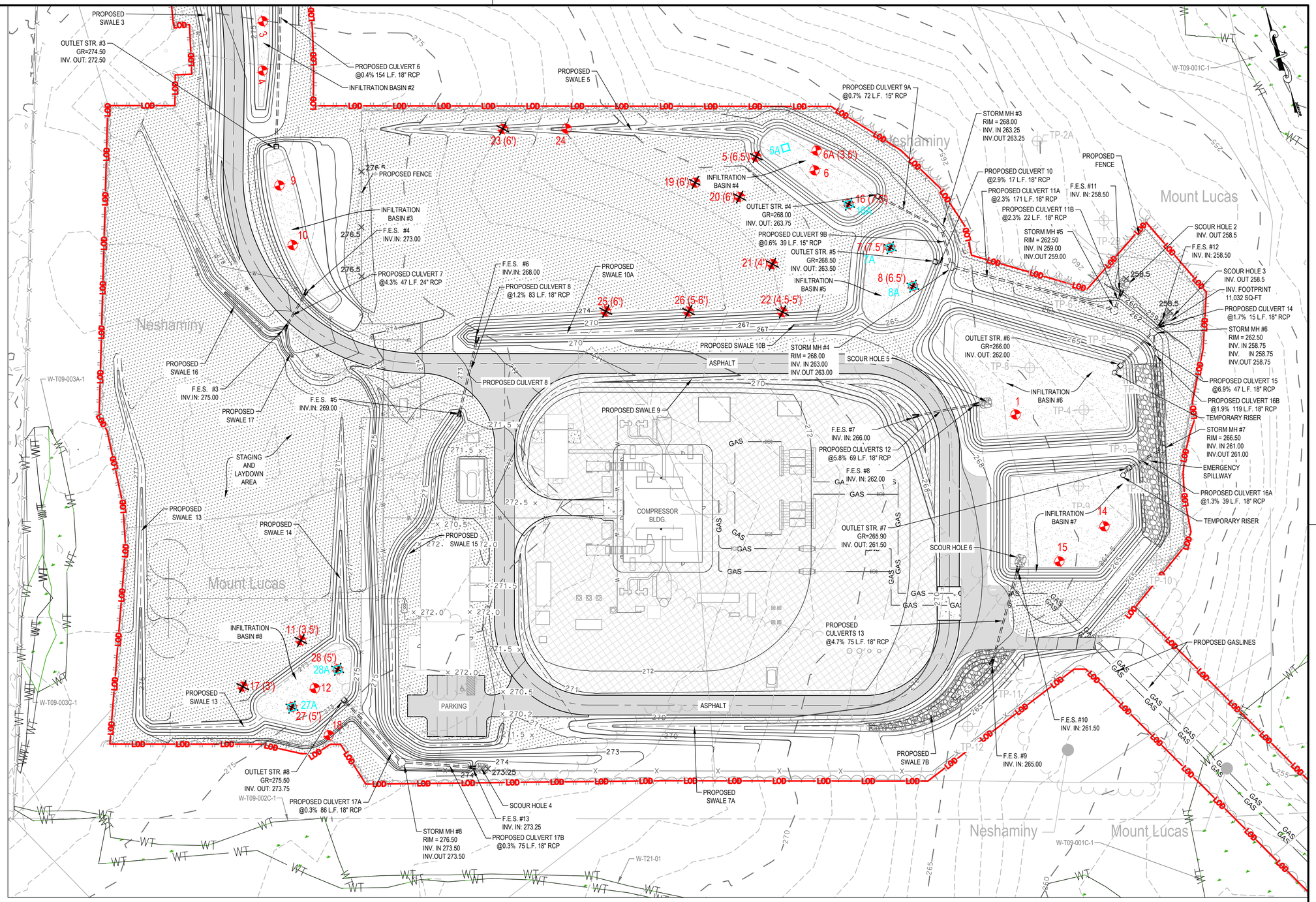
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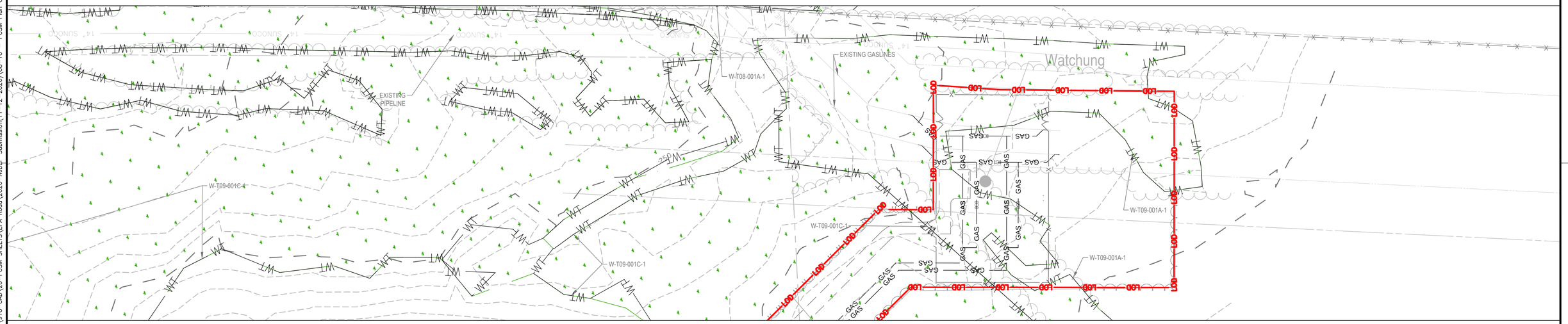
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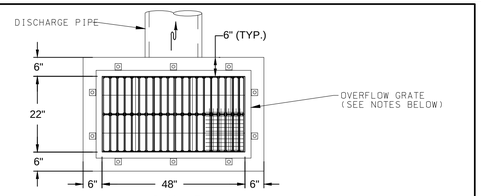
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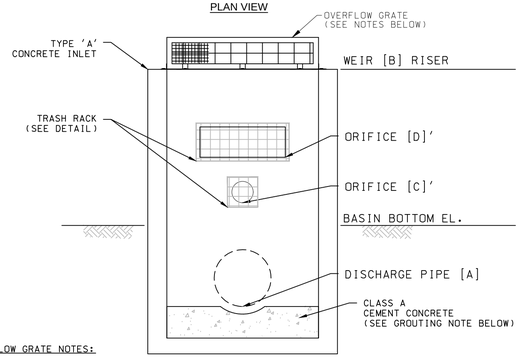
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PLAN VIEW



OVERFLOW GRATE NOTES:

AN OVERFLOW GRATE IS DESIGNED TO PREVENT OBSTRUCTION OF THE STRUCTURE. THE GRATE MUST COMPLY WITH THE FOLLOWING REQUIREMENTS:

1. THE OVERFLOW GRATE MUST BE SECURED TO THE OUTLET STRUCTURE BUT REMOVABLE FOR EMERGENCIES AND MAINTENANCE;
2. THE OVERFLOW GRATE SPACING MUST BE NO GREATER THAN 2 INCHES ACROSS THE SMALLEST DIMENSION; AND
3. THE OVERFLOW GRATE MUST BE CONSTRUCTED OF RIGID, DURABLE, AND CORROSION RESISTANT MATERIAL AND DESIGNED TO WITHSTAND A PERPENDICULAR LIVE LOADING OF 300 LBS/SF.

GROUTING NOTE:

THE SPACE BELOW THE INVERT OF THE DISCHARGE PIPE MUST BE FILLED WITH MATERIAL, SUCH AS CONCRETE, A MIXTURE OF SAND AND CEMENT, OR SIMILAR GROUTING MATERIAL, SUCH THAT WATER WILL NOT POND IN THE OUTLET STRUCTURE. THIS MATERIAL MUST BE SLOPED TOWARDS THE DISCHARGE PIPE TO FACILITATE DRAINAGE.

BASIN NO.	BASIN BOTTOM	CULVERT [A] OUTFALL		WEIR [B] RISER	ORIFICE [C]		ORIFICE [D]	
	ELEV.	SIZE/ MATERIAL	INV. ELEV.	ELEV.	SIZE	INV. ELEV.	SIZE	INV. ELEV.
INFILTRATION BASIN #1	274.00	15" RCP	272.75	277.00	2" H 2" W	275.00	0.5' H 3.0' W	276.00
INFILTRATION BASIN #2	274.00	15" RCP	272.75	277.00	2" H 2" W	274.70	0.5' H 0.5' W	276.20
INFILTRATION BASIN #3	273.00	18" RCP	272.50	274.50	3" H 28"W	273.30	0.5' H 1.5' W	274.00
INFILTRATION BASIN #4	265.00	15" RCP	263.75	268.00	4" H 6" W	265.15	0.33' H 2.0' W	267.00
INFILTRATION BASIN #5	265.00	18" RCP	263.50	268.50	3" H 6" W	266.30	1.0' H 3.0' W	267.35
INFILTRATION BASIN #6	262.00	18" RCP	262.00	266.00	3"	262.65	0.5' H 0.8' W	264.00
INFILTRATION BASIN #7	261.50	18" RCP	261.50	265.90	4"	262.35	0.5' H 1.0' W	265.00
INFILTRATION BASIN #8	273.00	18" RCP	273.75	275.50	3" H 8" W	273.20	0.5' H 1.5' W	274.50

NOTE:
OPENINGS ARE CONSTRUCTED SIDE BY SIDE WHEN OVERLAPPED IN THE VERTICAL DIRECTION.

NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.

TRANSCONTINENTAL GAS PIPE LINE CORPORATION
PROJECT SPECIFIC DETAIL

(COS) CONCRETE OUTLET STRUCTURE

GAS PIPELINE

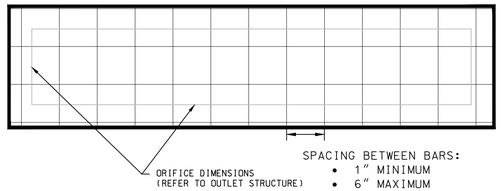
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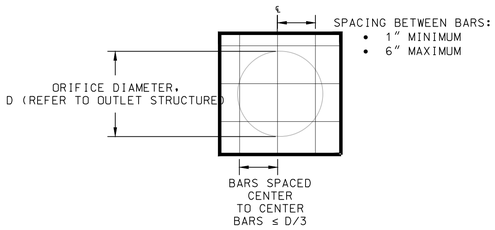
1. THE SAND MUST MEET ALL THE SPECIFICATIONS FOR CLEAN, MEDIUM-AGGREGATE CONCRETE SAND IN ACCORDANCE WITH AASHTO M-6 OR ASTM C-33, AS CERTIFIED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW JERSEY
2. THE MAXIMUM PERCENTAGE OF FILES IN 15%
3. THE MINIMUM TESTED INFILTRATION RATE IS 20 INCHES/HOUR
4. THE USE OF TOPSOIL AND VEGETATION IS PROHIBITED
5. FILTER FABRIC (NON-WOVEN, 8 OZ/SY) IS REQUIRED ALONG THE SIDES OF THE INFILTRATION BASIN TO PREVENT THE MIGRATION OF FINE PARTICLES FROM THE SURROUNDING SOIL; FILTER FABRIC MAY NOT BE USED ALONG THE BOTTOM OF THE BASIN BECAUSE IT MAY RESULT IN A LOSS OF PERMEABILITY
6. SAND MEDIA MUST BE PLACED IN LIFTS NOT TO EXCEED 6 INCHES
7. PROCEDURE:
   - 7.1. EXCAVATE TO REQUIRED MINIMUM THICKNESS OF SAND MEDIA. SCARIFY AND DE-COMPACT THE EXPOSED SUBGRADE IN ACCORDANCE WITH THE "BASIN COMPACTION NOTES", TO A DEPTH OF 6" – 12"
   - 7.2. REMOVE ROCKS LARGER THAN 3 INCHES
   - 7.3. PREPARE AND PLACE THE SAND MEDIA PER NOTES 1-6 ABOVE.

SAND MEDIA

NO.	DATE	BY	REVISION DESCRIPTION			

SAND MEDIA





NOTES:

FOR SYSTEMS DESIGNED WITH AN OUTLET STRUCTURE, TRASH RACKS MUST BE INSTALLED AT THE INTAKE TO THE OUTLET STRUCTURE. THEY MUST MEET THE FOLLOWING CRITERIA:

1. PARALLEL BARS WITH 1-INCH SPACING BETWEEN THE BARS UP TO THE ELEVATION OF THE WATER QUALITY DESIGN STORM;
2. PARALLEL BARS HIGHER THAN THE ELEVATION OF THE WATER QUALITY DESIGN STORM MUST BE SPACED NO GREATER THAN ONE-THIRD THE WIDTH OF THE DIAMETER OF THE ORIFICE, WITH MINIMUM SPACING BETWEEN BARS OF 1-INCH AND A MAXIMUM SPACING BETWEEN BARS OF SIX INCHES;
3. THE TRASH RACK MUST BE DESIGNED SO AS NOT TO ADVERSELY AFFECT THE HYDRAULIC PERFORMANCE OF THE OUTLET PIPE OR STRUCTURE;
4. CONSTRUCTED OF RIGID, DURABLE AND CORROSION-RESISTANT MATERIAL; AND
5. DESIGNED TO WITHSTAND PERPENDICULAR LIVE LOADING OF 300 LBS/SF.

TRASH RACK (TR)

NEW JERSEY

NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.

TRANSCONTINENTAL GAS PIPE LINE CORPORATION
STANDARD ENVIRONMENTAL DETAIL

(TR) TRASH RACK

GAS PIPELINE

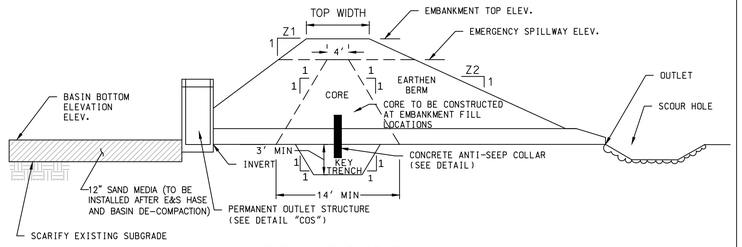
SOMERSET-UNIOIN SOIL CONSERVATION DISTRICT BASIN COMPACTION NOTES:

1. INSPECT SITE. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RE-TILLED AND FIRMED IN ACCORDANCE WITH ABOVE.
2. THE SURFACE SHOULD BE SCARIFIED 6" TO 12" WHERE THERE HAS BEEN SOIL COMPACTION. THIS WILL HELP INSURE A GOOD BOND BETWEEN THE TOPSOIL AND SUBSOIL. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).
3. SOIL COMPACTION RESULTING FROM LAND GRADING ACTIVITIES CAN IMPACT THE INFILTRATION RATE OF THE SOIL. RESTORATION OF COMPACTED SOILS THROUGH DEEP TILLAGE (6" TO 12") MAY BE REQUIRED IN PLANNED PERVIOUS AREAS TO ENHANCE THE INFILTRATION RATE OF THE DISTURBED SOIL. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).
4. TO PREVENT COMPACTION OF THE SUBSOIL WHICH WILL REDUCE ITS INFILTRATION CAPACITY, BASINS SHOULD BE EXCAVATED WITH LIGHT EARTH MOVING EQUIPMENT (LOW GROUND PRESSURE), PREFERABLY WITH TRACKS OR OVER-SIZED TIRES RATHER THAN THE NORMAL RUBBER TIRES. ONCE THE FINAL CONSTRUCTION PHASE IS REACHED, THE FLOOR OF THE BASIN SHALL BE SCARIFIED AND DE-COMPACTED DEEPLY TILLED WITH A ROTARY TILLER OR DISC HARROW AND SMOOTHED OVER WITH A LEVELING DRAG OR EQUIVALENT GRADING EQUIPMENT
5. FOR BASINS, ANNUAL TILLING OPERATIONS MAINTAIN INFILTRATION CAPACITY. DEEP TILLING CAN BE USED TO BREAKUP CLOGGED SURFACE LAYERS FOLLOWED BY RE-GRADING AND LEVELING. SAND OR ORGANIC MATTER CAN BE TILLED INTO THE BASIN FLOOR TO PROMOTE A RESTORED INFILTRATION CAPACITY. SEDIMENT REMOVAL PROCEDURES SHOULD NOT BE UNDERTAKEN UNTIL THE BASIN IS THOROUGHLY DRY. THE TOP LAYER SHOULD BE REMOVED BY LIGHT EQUIPMENT TO PREVENT COMPACTION. THE REMAINING SOIL CAN BE RE-TILLED.

BASIN COMPACTION NOTES

NO.	DATE	BY	REVISION DESCRIPTION			

BASIN COMPACTION NOTES



EMBANKMENT SECTION

NOTES:

1. CONTRACTOR SHALL EXCAVATE THE BASIN FROM OUTSIDE THE LIMITS OF THE BASIN. IF CONTRACTOR NEEDS TO ENTER THE BASIN FOOTPRINT, CONTRACTOR SHALL ONLY USE LOW CONTACT PRESSURE EQUIPMENT TO GRADE THE BASIN TO MINIMIZE COMPACTING THE SOILS.

BASIN NO.	EMBANKMENT			CULVERT			
	Z1	Z2	TOP ELEV. (FEET)	INVERT ELEV. (FEET)	OUTLET ELEV. (FEET)	DIAMETER (INCH)	MATERIAL
INFILTRATION BASIN #1	3	3	277.50	272.75	271.55	15	RCP
INFILTRATION BASIN #2	3	3	277.50	272.75	271.90	15	RCP
INFILTRATION BASIN #3	3	N/A	276.00	272.50	271.90	18	RCP
INFILTRATION BASIN #4	3	N/A	268.00	263.75	263.25	15	RCP
INFILTRATION BASIN #5	3	N/A	268.00	263.50	263.00	18	RCP
INFILTRATION BASIN #6	3	3	267.00	262	258.75	18	RCP
INFILTRATION BASIN #7	3	3	267.00	261.50	261.00	18	RCP
INFILTRATION BASIN #8	3	N/A	276.00	273.75	273.50	18	RCP

NEW JERSEY

NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.

TRANSCONTINENTAL GAS PIPE LINE CORPORATION
STANDARD ENVIRONMENTAL DETAIL

(IB) INFILTRATION BASIN

GAS PIPELINE

BRUSH SEEDING MIX FOR WETLAND AREAS (ERNSET SEED FACW MEADOW MIX)	
COMMON NAME	SCIENTIFIC NAME
FOX SEDGE	CAREX VULPINOIDEA
HOP SEDGE	CAREX LUPULINA
BLUNT BROOM SEDGE	CAREX SCOPARIA
BLADDER (STAR) SEDGE	CAREX INTUMESCENS
VIRGINIA WILDRYE	ELYMUS VIRGINICUS
OXEYE SUNFLOWER	HELIOPSIS HELIANTHOIDES
NARROWLEAF BLUE EYED GRASS	SISYRINCHIUM ANGUSTIFOLIA
SEEDBOX	LUDWIGIA ALTERNIFOLIA
RATTLESNAKE GRASS	GLYCERIA CANADENSIS
GREAT BLUE LOBELIA	LOBELIA SIPHILITICA
WATER PLANTAIN	ALISMA SUBCORDATUM
SWAMP MILKWEED	ASCLEPIAS INCARNATA
BONESET	EUPATORIUM PERFOLIATUM
LURID SEDGE	CAREX LURIDA
SOFT RUSH	JUNCUS EFFUSUS
SENSITIVE FERN	ONOCLEA SENSIBILIS
GREEN BULRUSH	SCIRPUS ATROVIRENS
WOOLGRASS	SCIRPUS CYPERINUS
SPOTTED JOE-PYE WEED	EUPATORIUM MACULATUM
BLUE VERVAIN	VERBANA HASTATA
DITCH STONECROP	PENTHORUM SEDOIDES
MONKEY FLOWER	MIMULUS RINGENS
NEW ENGLAND ASTER	ASTER NOVAE-ANGLIAE
FLAT-TOP WHITE ASTER	ASTER UMBELLATUS
SLENDER MOUNTAINMINT	PYCNANTHEMUM TENUIFOLIUM

* SEED APPLICATION RATES SHOULD FOLLOW THE MANUFACTURER'S RECOMMENDATION FOR THE INDIVIDUAL SEED MIX.

BRUSH SEEDING MIX FOR TRANSITION AND UPLAND AREAS (ERNSET SEED CUSTOM NATIVE UPLAND WILDLIFE FORAGE AND COVER MIX)	
COMMON NAME	SCIENTIFIC NAME
VIRGINIA WILD RYE	ELYMUS VIRGINICUS
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM
SWITCHGRASS	PANICUM VIRGATUM
INDIANGRASS	SORGHASTRUM NUTANS
EASTERN GAMMA GRASS	TRIPSACUM DACTYLOIDES
FOWL BLUEGRASS	POA PALUSTRIS
BIG BLUESTEM	ANDROPOGON GERARDII
BLACK EYED SUSAN	RUDBECKIA HIRTA
SHOWY TICK-TREFOIL	DESMODIUM CANADENSE
OX EYE SUNFLOWER	HELIOPSIS HELIANTHOIDES

* SEED APPLICATION RATES SHOULD FOLLOW THE MANUFACTURER'S RECOMMENDATION FOR THE INDIVIDUAL SEED MIX.

BRUSH SEEDING

AECOM
625 WEST RIDGE PIKE, SUITE E-100
CONSHOHOCKEN, PA 19428
(610) 832-3500

JOHN DROMSKY-REED, P.E.

STATE OF NEW JERSEY — JOHN F. DROMSKY-REED — No. 24GE04512400 — LICENSED — PROFESSIONAL ENGINEER

John Dromsky-Reed

NEW JERSEY
PROFESSIONAL ENGINEER NO 24GE04512400

REVISIONS

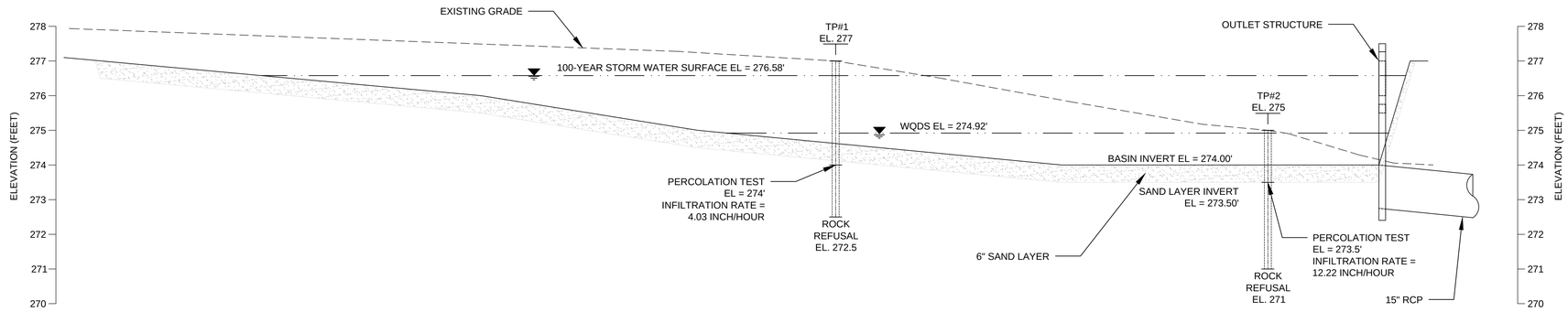
NO.	DATE	BY	DESCRIPTION	W.O. NO.	CHK.	APP.
1	11/12/2026	LZ	NJDEP SUBMISSION	60757472	WS	JDR

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
POST CONSTUCTION STORMWATER MANAGEMENT PLAN
NORTHEAST SUPPLY ENHANCEMENT PROJECT
COMPRESSOR STATION NO. 206 - HIGGINS FARM ACCESS ROAD
DETAILS (SHEET 1 OF 4)
FRANKLIN TOWNSHIP, SOMERSET COUNTY, NJ

GAS PIPELINE

DRAWN BY:	PPH	DATE: 01/15/2020	ISSUED FOR BID: TBD	SCALE:	N.T.S.
CHECKED BY:	TPF	DATE: 01/15/2020	ISSUED FOR CONSTRUCTION: TBD	REVISION:	2
APPROVED BY:	KDM	DATE: 01/15/2020	DRAWING NUMBER:	SHEET	11
W/O:	1185732			OF	15

Drawn By & Date/Time: eva.lucewicz Nov 10, 2026 - 11:32am
Drawing Location & Name: Z:\Conshohocken-USCSK1\DCS\Projects\ENV\60537393_NESE_CS206\900-CAD-GIS\910-CAD\20-PCSM SHEETS\EPA Road\2026-NJDEP Submission\11-14 - PCSM Detail Sheets - EPA Road.dwg



INFILTRATION BASIN #1 PROFILE

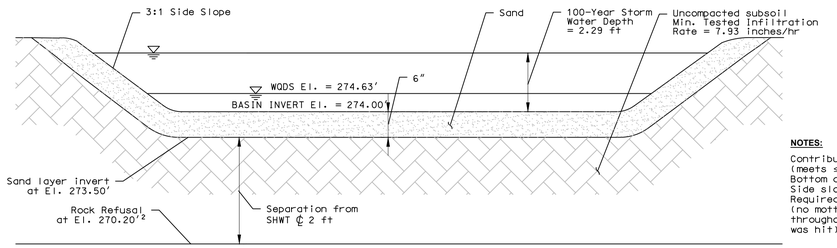
PERMANENT STORMWATER CONTROL MEASURE

0 10 20 40
HORIZONTAL SCALE (FEET)

0 1 2 4
VERTICAL SCALE (FEET)

NOTES:

Contributing drainage area: 0.89 acres
(meets ≤2.5 acre limit).
Bottom area: 1,231 sf.
Side slopes: 3H:1V (max).
Percolation tests were conducted at the level of infiltration, and infiltration rates meets requirements. Soil profiles were excavated until refusal hit. Refusal depth was used as the apparent maximum groundwater level as no mottling or groundwater was encountered throughout soil profiles.



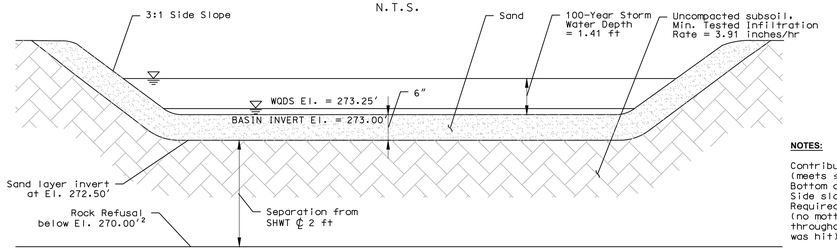
INFILTRATION BASIN #2 PROFILE

PERMANENT STORMWATER CONTROL MEASURE

N.T.S.

NOTES:

Contributing drainage area: 0.30 acres
(meets ≤2.5 acre limit).
Bottom area: 1,081 sf.
Side slopes: 3H:1V (max).
Required 2-ft separation to SHWT achieved (no mottling or groundwater was observed throughout soil profiles until refusal was hit).



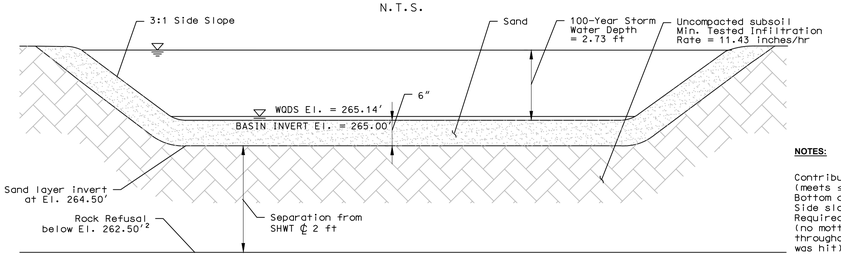
INFILTRATION BASIN #3 PROFILE

PERMANENT STORMWATER CONTROL MEASURE

N.T.S.

NOTES:

Contributing drainage area: 1.2 acres
(meets ≤2.5 acre limit).
Bottom area: 3,000 sf.
Side slopes: 3H:1V (max).
Required 2-ft separation to SHWT achieved (no mottling or groundwater was observed throughout soil profiles until refusal was hit).



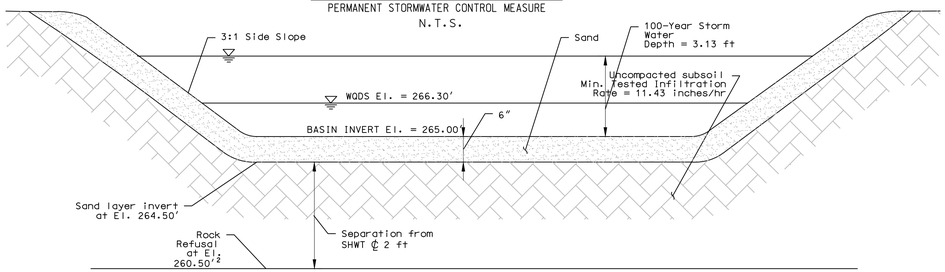
INFILTRATION BASIN #4 PROFILE

PERMANENT STORMWATER CONTROL MEASURE

N.T.S.

NOTES:

Contributing drainage area: 2.4 acres
(meets ≤2.5 acre limit).
Bottom area: 5,171 sf.
Side slopes: 3H:1V (max).
Required 2-ft separation to SHWT achieved (no mottling or groundwater was observed throughout soil profiles until refusal was hit).



INFILTRATION BASIN #5 PROFILE

PERMANENT STORMWATER CONTROL MEASURE

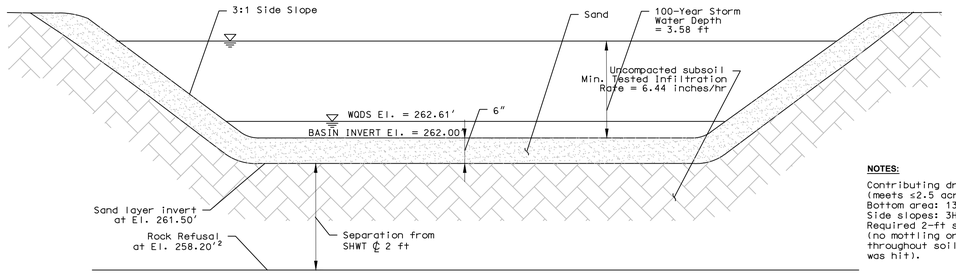
N.T.S.

NOTES:

Contributing drainage area: 2.5 acres
(meets ≤2.5 acre limit).
Bottom area: 5,331 sf.
Side slopes: 3H:1V (max).
Required 2-ft separation to SHWT achieved (no mottling or groundwater was observed throughout soil profiles until refusal was hit).

NOTES:

1. These basins have been designed in accordance with NJ Stormwater BMP Manual, Chapter 9.8.
2. Bedrock was hit, but no signs of groundwater was observed throughout the soil profile. Therefore, Seasonal High Water Table was determined by the rock refusal elevation.



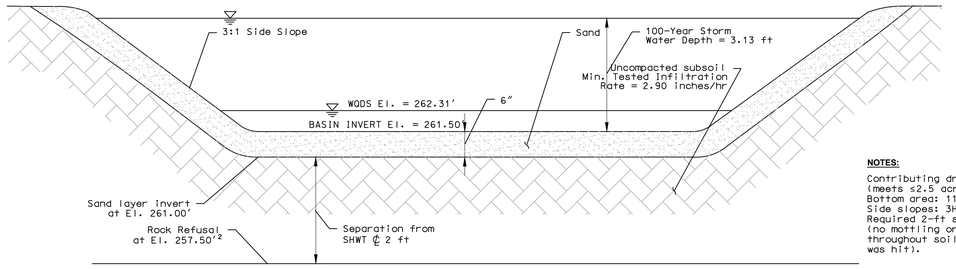
INFILTRATION BASIN #6 PROFILE

PERMANENT STORMWATER CONTROL MEASURE

N.T.S.

NOTES:

Contributing drainage area: 2.5 acres
(meets ≤2.5 acre limit).
Bottom area: 13,882 sf.
Side slopes: 3H:1V (max).
Required 2-ft separation to SHWT achieved (no mottling or groundwater was observed throughout soil profiles until refusal was hit).



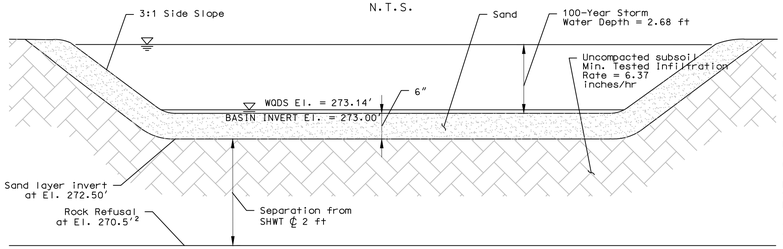
INFILTRATION BASIN #7 PROFILE

PERMANENT STORMWATER CONTROL MEASURE

N.T.S.

NOTES:

Contributing drainage area: 2.5 acres
(meets ≤2.5 acre limit).
Bottom area: 11,032 sf.
Side slopes: 3H:1V (max).
Required 2-ft separation to SHWT achieved (no mottling or groundwater was observed throughout soil profiles until refusal was hit).



INFILTRATION BASIN #8 PROFILE

PERMANENT STORMWATER CONTROL MEASURE

N.T.S.

NOTES:

Contributing drainage area: 2.3 acres
(meets ≤2.5 acre limit).
Bottom area: 4,772 sf.
Side slopes: 3H:1V (max).
Required 2-ft separation to SHWT achieved (no mottling or groundwater was observed throughout soil profiles until refusal was hit).

AECOM
625 WEST RIDGE PIKE, SUITE E-100
CONSHOHOCKEN, PA 19428
(610) 832-3500

JOHN DROMSKY-REED, P.E.
STATE OF NEW JERSEY
No. 24GE04512400
LICENSED PROFESSIONAL ENGINEER
John Dromsky-Reed
NEW JERSEY
PROFESSIONAL ENGINEER NO 24GE04512400

REVISIONS

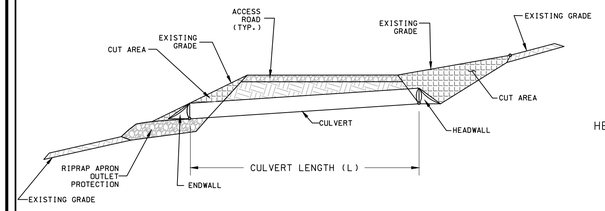
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1	11/12/2026	LZ	NJDEP SUBMISSION	60757472	WS	JDR

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
POST CONSTUCTION STORMWATER MANAGEMENT PLAN
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FRANKLIN TOWNSHIP, SOMERSET COUNTY, NJ

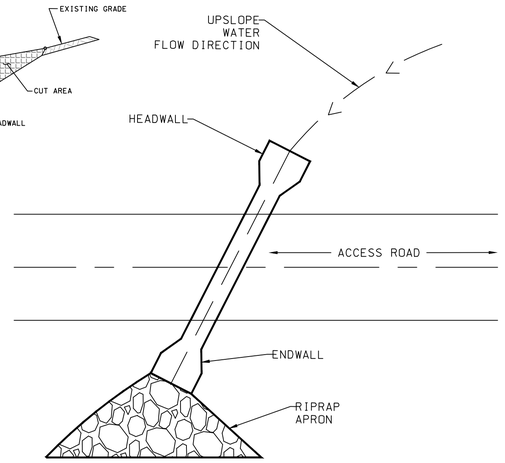
Williams GAS PIPELINE

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APPROVED BY: KDM	DATE: 01/15/2020	DRAWING NUMBER:	SHEET 12 OF 15
W.O.: 1185732			

Drawn By & Date/Time: eva.tucewicz Nov 10, 2026 - 11:35am
Drawing Location & Name: Z:\Conshohocken-USCSK1\DCS\Projects\ENV\60537393_NESE_CS206\900-CAD-GIS\910-CAD\20-PCSM SHEETS\EPA Road\2026-NJDEP Submission\(11-12-2026)\11-14 - PCSM Detail Sheets - EPA Road.dwg



CROSS SECTION



PLAN VIEW

NOTES:

1. CUT AND FILL SLOPES SHALL BE STABILIZED IMMEDIATELY UPON COMPLETION OF ROADWAY GRADING. THESE AREAS SHALL BE BLANKETED WHEREVER THEY ARE LOCATED WITHIN 50 FEET OF A SURFACE WATER OR WITHIN 100 FEET OF A SURFACE WATER WHERE A SUITABLE VEGETATIVE FILTER STRIP DOES NOT EXIST. STEEP SLOPES AT 3H:1V OR STEEPER SHALL BE PROTECTED AGAINST EROSION WITH EROSION CONTROL BLANKET SUITABLE FOR THE ESTABLISHMENT OF VEGETATION.
2. A DURABLE TOP DRESSING SHALL BE PROVIDED FOR SOILS HAVING LOW STRENGTH.
3. UPSLOPE CUT AREA SHALL BE LINED WITH EROSION CONTROL BLANKET.
4. ROADWAY SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED ROADWAYS, DITCHES, OR CROSS DRAINS SHALL BE REPAIRED IMMEDIATELY.
5. BOX CULVERTS SHALL BE EMBEDDED 12 INCHES.

NOTES:

1. TEMPORARY STORMWATER BYPASS BENEATH ACCESS ROAD WILL BE INSTALLED PRIOR TO EARTH DISTURBANCE AT ASSOCIATED GRAVEL WORK AREA, AS APPLICABLE.
2. STORMWATER RUNOFF FROM UPSLOPE BYPASS AREAS WILL BE DIRECTED BENEATH ACCESS ROAD AND WILL DISCHARGE OVER A RIPRAP APRON.

CULVERT NO.	LENGTH (FT)	INV. IN. (ELEV)	INV. OUT. (ELEV)	PIPE SLOPE (%)	MATERIAL
CULVERT 1	59	273.00	271.75	2.1	RCP
CULVERT 2	67	272.75	271.75	1.5	RCP
CULVERT 3	46	272.00	271.75	0.5	RCP
CULVERT 4	2	271.75	271.50	12.5	RCP
CULVERT 5	9	272.75	272.00	8.3	RCP
CULVERT 6	146	272.50	272.00	0.3	RCP
CULVERT 7	34	273.65	273.00	1.9	RCP
CULVERT 8	72	274.00	268.00	8.3	RCP
CULVERT 9	97	263.75	263.00	0.8	RCP
CULVERT 10	11	263.50	263.00	4.5	RCP
CULVERT 11	175	263.00	258.50	2.6	RCP
CULVERT 12	57	266.00	262.00	7.0	RCP
CULVERT 13	64	265.00	261.50	5.5	RCP
CULVERT 14	5	258.75	258.50	5.0	RCP
CULVERT 15	41	262.00	258.75	7.9	RCP
CULVERT 16	143	261.50	258.75	1.9	RCP
CULVERT 17	144	273.75	273.50	0.2	RCP

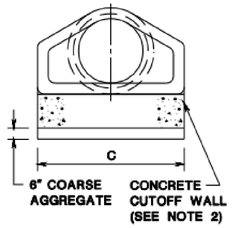
NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.

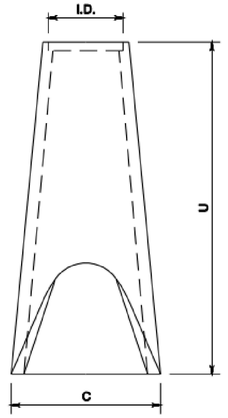
NEW JERSEY

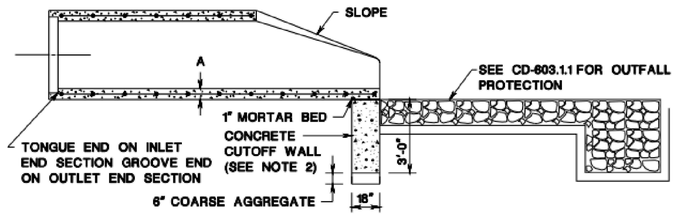
TRANSCONTINENTAL GAS PIPE LINE CORPORATION
PROJECT SPECIFIC DETAIL

ACCESS ROAD CULVERT
FOR NON-STREAM CROSSINGS

Williams GAS PIPELINE





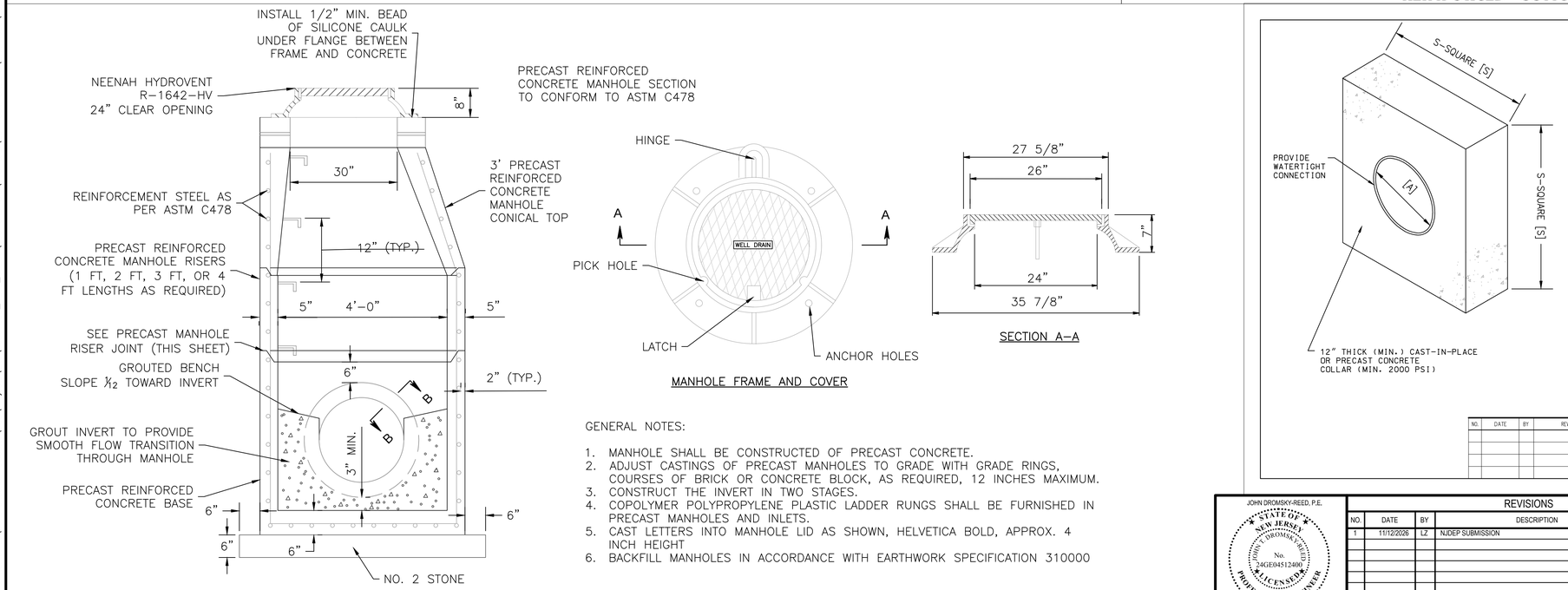


DIMENSIONS (INCHES)												
I.D.	12	15	18	21	24	27	30	36	42	48	54	60
A	2	2¼	2½	2¾	3	3¼	3½	4	4½	5	5½	6
U	72	72	72	72	72	72	72	96	96	96	96	96
C	28	34.5	41	47.5	54	60.5	67	80	87	94	101	108

NOTES:

1. **MINOR VARIATIONS TO THE ABOVE DIMENSIONS ARE ACCEPTABLE WITH THE EXCEPTION OF THE INSIDE DIAMETER DIMENSION.**
2. **A 1 INCH THICK MORTAR BED AND A 6 INCH DEEP LAYER OF COARSE AGGREGATE ARE REQUIRED WHEN A PRECAST CONCRETE CUTOFF WALL IS USED.**
3. **THE WIDTH OF THE CONCRETE CUTOFF WALL TO BE EQUAL TO THE MAXIMUM WIDTH OF THE END SECTION AS INDICATED ON THE DETAIL BY DIMENSION "C". HOWEVER, IF THE ACTUAL MAXIMUM WIDTH EXCEEDS THE CHART VALUE OF "C", THE WIDTH OF THE CONCRETE CUTOFF WALL TO BE EQUAL TO THE ACTUAL MAXIMUM WIDTH OF THE END SECTION.**

REINFORCED CONCRETE END SECTION



PRECAST CONCRETE MANHOLE

SECTION A-A

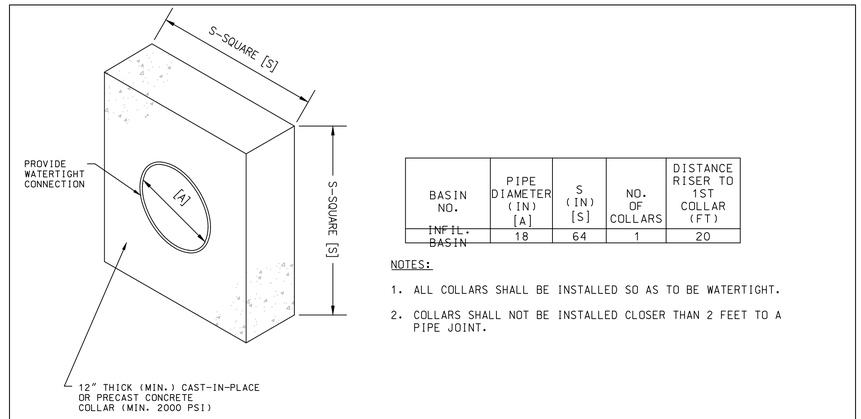
MANHOLE FRAME AND COVER

GENERAL NOTES:

1. MANHOLE SHALL BE CONSTRUCTED OF PRECAST CONCRETE.
2. ADJUST CASTINGS OF PRECAST MANHOLES TO GRADE WITH GRADE RINGS, COURSES OF BRICK OR CONCRETE BLOCK, AS REQUIRED, 12 INCHES MAXIMUM.
3. CONSTRUCT THE INVERT IN TWO STAGES.
4. COPOLYMER POLYPROPYLENE PLASTIC LADDER RUNGS SHALL BE FURNISHED IN PRECAST MANHOLES AND INLETS.
5. CAST LETTERS INTO MANHOLE LID AS SHOWN, HELVETICA BOLD, APPROX. 4 INCH HEIGHT
6. BACKFILL MANHOLES IN ACCORDANCE WITH EARTHWORK SPECIFICATION 310000

PRECAST MANHOLE DETAIL

NOT TO SCALE



BASIN NO.	PIPE DIAMETER (IN) [A]	S (IN) [S]	NO. OF COLLARS	DISTANCE RISER TO 1ST COLLAR (FT)
~~INFIL. BASIN~~	18	64	1	20

NOTES:

1. ALL COLLARS SHALL BE INSTALLED SO AS TO BE WATERTIGHT.
2. COLLARS SHALL NOT BE INSTALLED CLOSER THAN 2 FEET TO A PIPE JOINT.

NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.

NEW JERSEY

TRANSCONTINENTAL GAS PIPE LINE CORPORATION
PROJECT SPECIFIC DETAIL

CONCRETE ANTI-SEEP COLLAR

Williams GAS PIPELINE

AECOM
625 WEST RIDGE PIKE, SUITE E-100
CONSHOHOCKEN, PA 19428
(610) 832-3500

JOHN DROMSKY-REED, P.E.
STATE OF NEW JERSEY
No. 24GE04512400
LICENSED PROFESSIONAL ENGINEER
John Dromsky-Reed
NEW JERSEY
PROFESSIONAL ENGINEER NO 24GE04512400

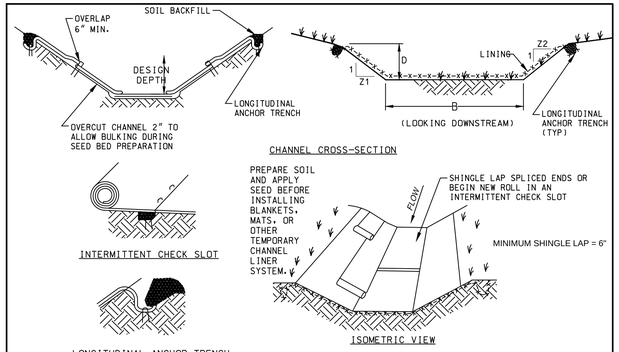
REVISIONS						
NO.	DATE	BY	DESCRIPTION	W.O. NO.	CHK.	APP.
1	11/12/2026	LZ	NJDEP SUBMISSION	60757472	WS	JDR

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
POST CONSTUCTION STORMWATER MANAGEMENT PLAN
NORTHEAST SUPPLY ENHANCEMENT PROJECT
COMPRESSOR STATION NO. 206 - HIGGINS FARM ACCESS ROAD
DETAILS (SHEET 3 OF 4)
FRANKLIN TOWNSHIP, SOMERSET COUNTY, NJ

Williams GAS PIPELINE

DRAWN BY: PPH	DATE: 01/15/2020	ISSUED FOR BID: TBD	SCALE:
CHECKED BY: TPF	DATE: 01/15/2020	ISSUED FOR CONSTRUCTION: TBD	REVISION: 2
APPROVED BY: KDM	DATE: 01/15/2020	DRAWING NUMBER:	SHEET 13 OF 15
WO: 1185732			

Drawn By & Date/Time: eva.tucewicz Nov 10, 2026 - 11:39am
Drawing Location & Name: Z:\Conshohocken-USCSK1\DCS\Projects\ENV\60537393_NESE_CS206\900-CAD-GIS\910-CAD\20-PCSM SHEETS\EPA Road\2026-NJDEP Submission\(11-12-2026)\11-14 - PCSM Detail Sheets - EPA Road.dwg



CHANNEL	BOTTOM WIDTH B (FT)	DEPTH D (FT)	TOP WIDTH W (FT)	Z1 (FT)	Z2 (FT)	LINING[1]
1	2	2.0	18	4	4	SC250
2	4	1.0	12	4	4	SC250
3	2	2.0	18	4	4	NONE
5	2	2.0	14	3	3	SC250
7A	2	2.0	16	3	4	NONE
10A	2	2.0	14	3	3	SC250
13	2	2.0	14	3	3	SC250
14	2	2.0	14	3	3	SC250
15	2	1.0	8	3	3	NONE
16	2	2.0	14	3	3	NONE
17	2	2.0	14	3	3	NONE

NOTES:

1. SEE MANUFACTURER'S INSTALLATION DETAIL FOR STAPLE PATTERNS, AND VEGETATION STABILIZATION SPECIFICATIONS FOR SOIL AMENDMENTS, SEED MIXTURES, AND MULCHING INFORMATION.
2. ANCHOR TRENCHES SHALL BE INSTALLED AT BEGINNING AND END OF CHANNEL IN THE SAME MANNER AS LONGITUDINAL ANCHOR TRENCHES.
3. CHANNEL DIMENSIONS SHALL BE CONSTANTLY MAINTAINED. CHANNEL SHALL BE CLEANED WHENEVER TOTAL CHANNEL DEPTH IS REDUCED BY 25% AT ANY LOCATION. SEDIMENT DEPOSITS SHALL BE REMOVED WITHIN 24 HOURS OF DISCOVERY OR AS SOON AS SOIL CONDITIONS PERMIT ACCESS TO CHANNEL WITHOUT FURTHER DAMAGE. DAMAGED LINING SHALL BE REPAIRED OR REPLACED WITHIN 48 HOURS OF DISCOVERY.
4. NO MORE THAN ONE THIRD OF THE SHOOT (GRASS LEAF) SHALL BE REMOVED IN ANY MOWING. GRASS HEIGHT SHALL BE MAINTAINED BETWEEN 2 AND 3 INCHES UNLESS OTHERWISE SPECIFIED. EXCESS VEGETATION SHALL BE REMOVED FROM PERMANENT CHANNELS TO ENSURE SUFFICIENT CHANNEL CAPACITY.
5. NORTH AMERICAN GREEN (NAG) SC-250 EROSION CONTROL MATTING (OR EQUIVALENT) SHALL BE USED CHANNEL LINING.

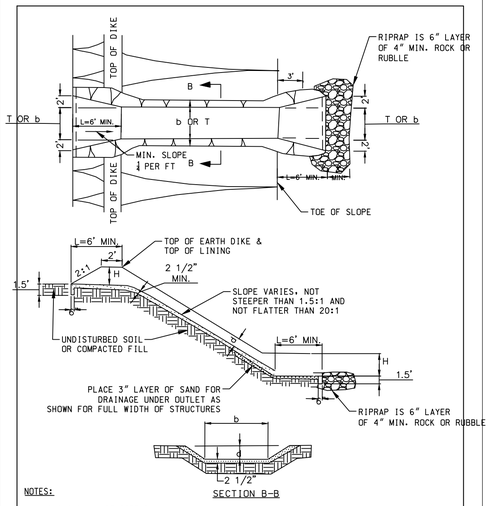
NEW JERSEY

NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.

TRANSCONTINENTAL GAS PIPE LINE CORPORATION
STANDARD ENVIRONMENTAL DETAIL

VC VEGETATED CHANNEL

GAS PIPELINE



NOTES:

1. LINING SHALL BE RIPRAP.
2. SOME TYPE OF ENERGY DISSIPATOR, SUCH AS THE ONE SHOWN ABOVE, MUST BE USED TO PREVENT EROSION AT THE OUTLET.

RIPRAP SLOPE PROTECTION	BOTTOM WIDTH b (FT)	HEIGHT H (FT)	DEPTH d (FT)	LINING
1	25	2.0	0.75	R-3

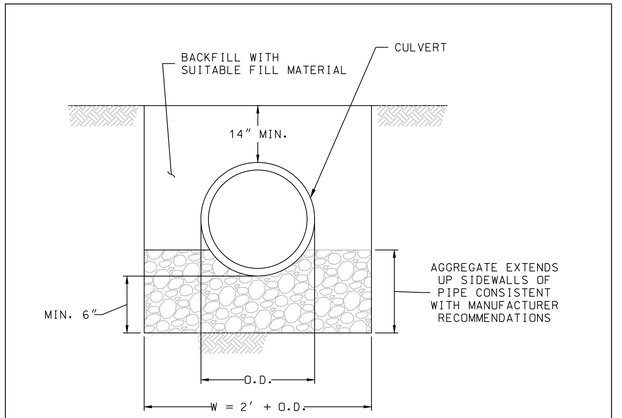
NEW JERSEY

NO.	DATE	BY	DESCRIPTION	W.O. NO.	CHK.	APP.

TRANSCONTINENTAL GAS PIPE LINE CORPORATION
PROJECT SPECIFIC DETAIL

RIPRAP SLOPE PROTECTION

GAS PIPELINE



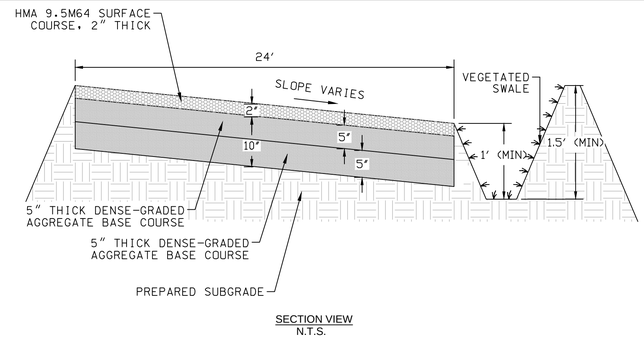
NEW JERSEY

NO.	DATE	BY	REVISION DESCRIPTION			

TRANSCONTINENTAL GAS PIPE LINE CORPORATION
PROJECT SPECIFIC DETAIL

PIPE BEDDING

GAS PIPELINE



SECTION VIEW
N.T.S.

NOTES:

1. ONCE SUBGRADE HAS BEEN PREPARED, PROOF ROLL AND COMPACT SUBGRADE IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
2. INSTALL DENSE GRADED AGGREGATE BASE COURSE, 10 INCHES THICK, COMPACTED IN TWO 5 INCH LIFTS.
3. INSTALL HMA 19M64 BASE COURSE, 4 INCHES THICK.
4. INSTALL HMA 12.5M64 INTERMEDIATE COURSE, 1 INCH THICK.
5. INSTALL HMA 9.5M64 SURFACE COURSE, 1 INCH THICK.
6. REFER TO PLANS FOR ACCESS ROAD ELEVATIONS AND SLOPE REQUIREMENTS. SLOPE VARIES, SEE PLAN.
7. MAINTAIN POSITIVE DRAINAGE FROM THE ACCESS ROAD TO THE APPROVED DRAINAGE FEATURES.

NEW JERSEY

DATE	BY	REVISION DESCRIPTION			

TRANSCONTINENTAL GAS PIPE LINE CORPORATION
PROJECT SPECIFIC DETAIL

ASPHALT ACCESS ROAD

GAS PIPELINE

PREFORMED SCOUR HOLE

AECOM
625 WEST RIDGE PIKE, SUITE E-100
CONSHOHOCKEN, PA 19428
(610) 832-3500

JOHN DROMSKY-REED, P.E.
STATE OF NEW JERSEY
JOHN T. DROMSKY-REED
No. 24GE04512400
LICENSED
PROFESSIONAL ENGINEER
John Dromsky-Reed
NEW JERSEY
PROFESSIONAL ENGINEER NO.24GE04512400

REVISIONS

NO.	DATE	BY	DESCRIPTION	W.O. NO.	CHK.	APP.
1	11/12/2026	LZ	NJDEP SUBMISSION	60757472	WS	JDR

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
POST CONSTUCTION STORMWATER MANAGEMENT PLAN
NORTHEAST SUPPLY ENHANCEMENT PROJECT
COMPRESSOR STATION NO. 206 - HIGGINS FARM ACCESS ROAD
DETAILS (SHEET 4 OF 4)
FRANKLIN TOWNSHIP, SOMERSET COUNTY, NJ

GAS PIPELINE

DRAWN BY: PPH	DATE: 01/15/2020	ISSUED FOR BID: TBD	SCALE:
CHECKED BY: TPF	DATE: 01/15/2020	ISSUED FOR CONSTRUCTION: TBD	REVISION: 2
APPROVED BY: KDM	DATE: 01/15/2020	DRAWING NUMBER:	SHEET 14 OF 15
W.O: 1185732			

Drawn By & Date/Time: eva.tucewicz Nov 10, 2026 - 11:40am
Drawing Location & Name: Z:\Conshohocken-USCSK1\DCS\Projects\ENV\60537393_NESE_CS206\900-CAD-GIS\910-CAD\20-PCSM SHEETS\EPA Road\2026-NJDEP Submission\11-12-2026\11-14 - PCSM Detail Sheets - EPA Road.dwg

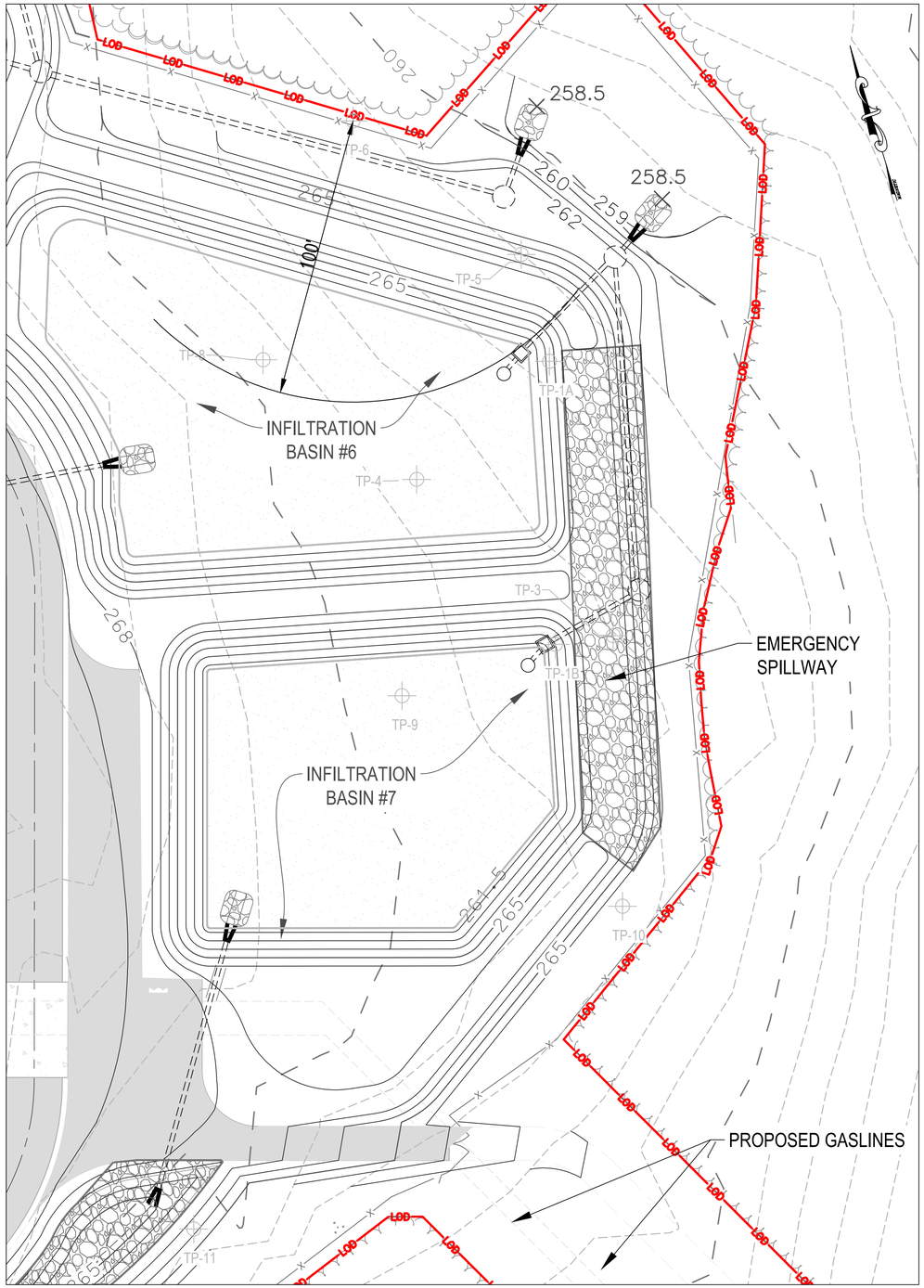
LEGEND

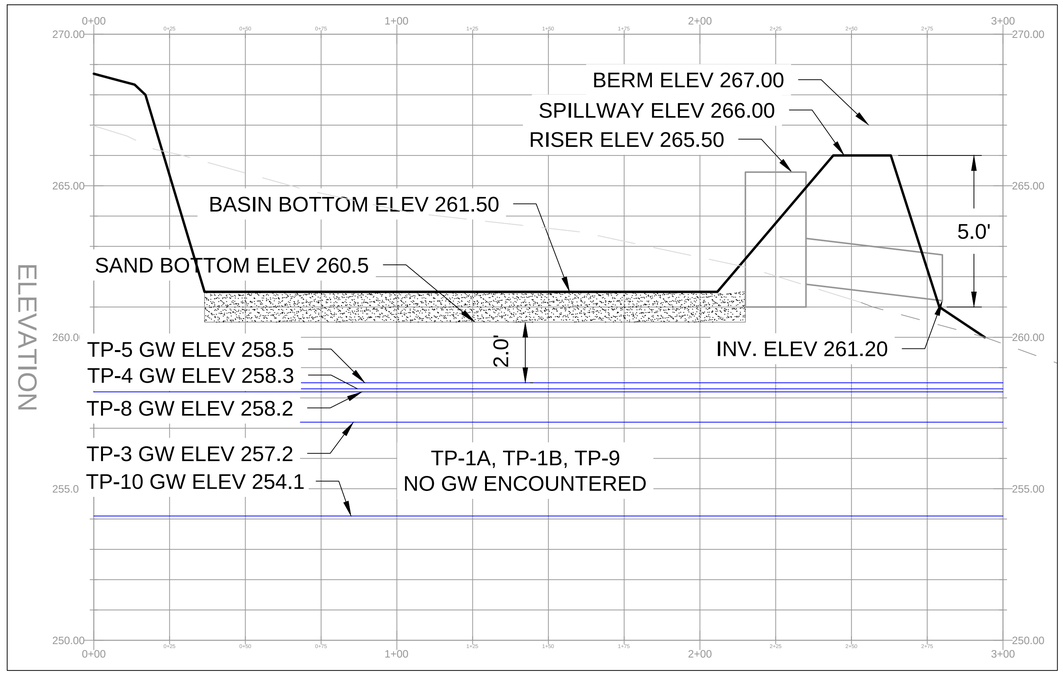
EXISTING FEATURES

- 265 — EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- STREAM CENTERLINE
- WETLAND
- EXISTING TREE LINE
- PARCEL LINE
- EXISTING ACCESS ROADS
- EXISTING FENCE
- OHE — EXISTING OVERHEAD POWER LINE
- EXISTING PIPELINE
- EXISTING RIGHT OF WAY

PROPOSED FEATURES

- LOD — LIMIT OF DISTURBANCE
- 265 — PROPOSED CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- GAS — PROPOSED PIPELINE
- CULVERT
- RIP RAP APRON
- PROPOSED FENCE
- PROPOSED TREE LINE
- PROPOSED GRAVEL
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- RIPRAP SLOPE PROTECTION
- TP-8 SOIL TEST LOCATION





Soil Test Summary

Location I.D.	Test Type [1,2]	Existing Grade Elevation (ft)	Test Pit/Bore Bottom Depth (ft)	Test Pit/Bore Bottom Elevation (ft)	Bedrock Depth (ft)	Bedrock Elevation (ft)	Groundwater Depth (ft)	Groundwater Elevation (ft)
TP-1A	TP w/IT	261.7	6.0	255.7	N/E [3]		N/E [3]	
TP-1B	TP w/IT	263.3	8.0	255.3	N/E [3]		N/E [3]	
TP-3	B w/MW	263.0	15.0	248.0	N/E [3]		5.8	257.2
TP-4	B w/MW	263.6	15.0	248.6	N/E [3]		5.3	258.3
TP-5	B w/MW	261.0	15.0	246.0	15.0	246.0	2.5	258.5
TP-8	TP w/IT	264.5	6.5	258.0	6.5	258.0	6.3	258.2
TP-9	TP w/IT	264.5	7.0	257.5	7.0	257.5	N/E [3]	
TP-10	TP w/IT	263.6	9.5	254.1	9.5	254.1	9.5	254.1

1. TP w/IT = Test Pit with Infiltration Testing
2. B w/MW = Boring with Monitoring Well
3. N/E = Not encountered
4. N/A = Not Applicable for Borings with Monitoring Wells

AECOM
625 WEST RIDGE PIKE, SUITE E-100
CONSHOHOCKEN, PA 19428
(610) 832-3500

JOHN DROMSKY-REED, P.E.
STATE OF NEW JERSEY — JOHN T. DROMSKY-REED — No. 24GE04512400 — LICENSED PROFESSIONAL ENGINEER
John Dromsky-Reed
NEW JERSEY
PROFESSIONAL ENGINEER NO 24GE04512400

REVISIONS

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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC.
POST CONSTUCTION STORMWATER MANAGEMENT PLAN
NORTHEAST SUPPLY ENHANCEMENT PROJECT
COMPRESSOR STATION NO. 206 - HIGGINS FARM ACCESS ROAD
INFILTRATION BASIN PROFILE PLAN (TYPICAL, BASIN 7 SHOWN)
FRANKLIN TOWNSHIP, SOMERSET COUNTY, NJ

Williams GAS PIPELINE

DRAWN BY: PPH	DATE: 01/15/2020	ISSUED FOR BID: TBD	SCALE: 1"=25'
CHECKED BY: TPF	DATE: 01/15/2020	ISSUED FOR CONSTRUCTION: TBD	REVISION: 2
APPROVED BY: KDM	DATE: 01/15/2020	DRAWING NUMBER:	SHEET 15 OF 15
W.O.: 1185732			

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Drawing Location & Name: Z:\Conshohocken-USCSK1\DCS\Projects\ENV\60537393_NESE_CS206\900-CAD-GIS\910-CAD\20-PCSM SHEETS\EPA Road\2026-NJDEP Submission(11-12-2026)\15 - Basin Profile Plan CS 206 - EPA Road.dwg