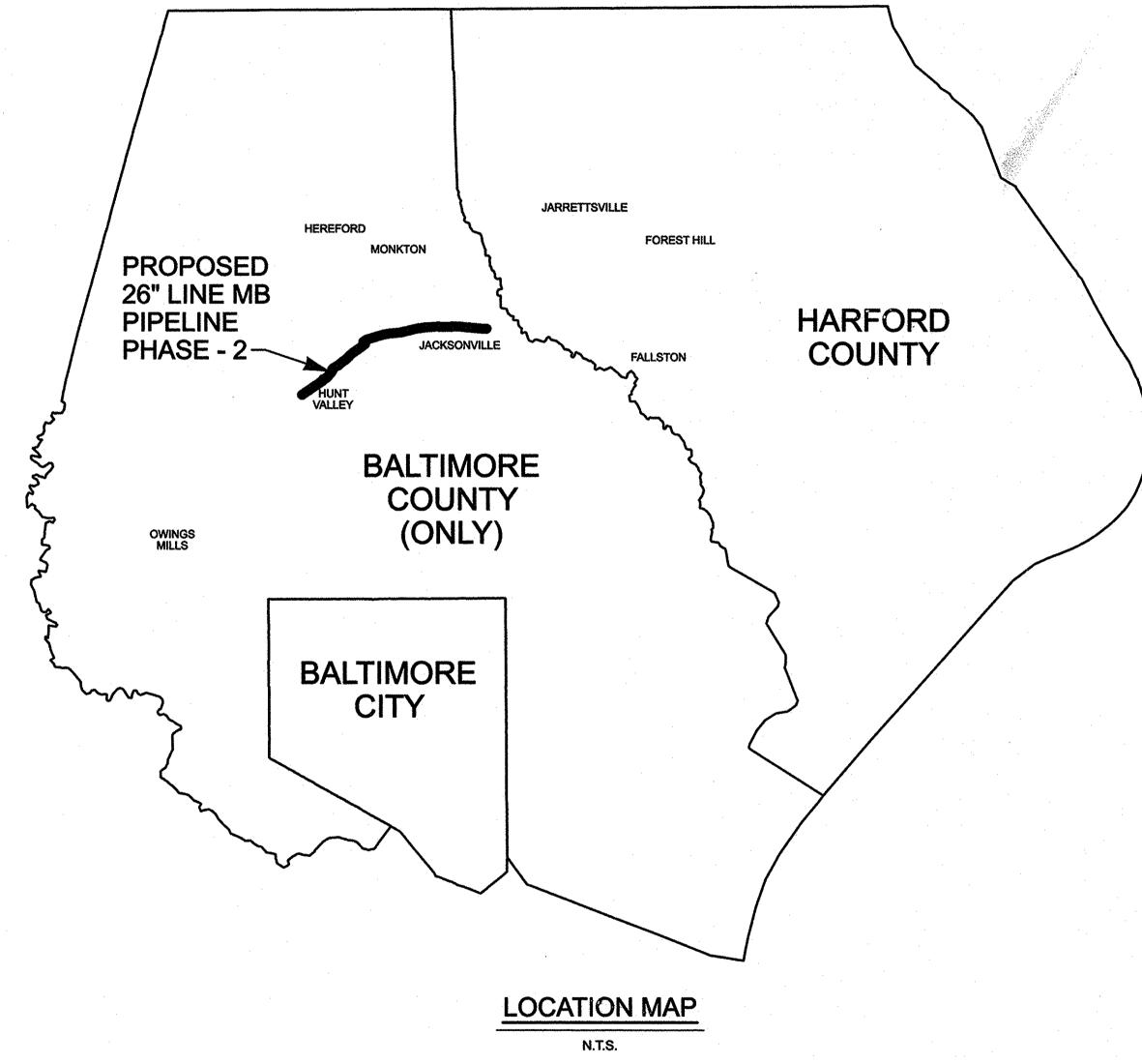
GENERAL LEGEND EX. CLEANOUT EX. WATER LINE EX. FIBER OPTIC LINE EX. OVERHEAD ELECTRIC EX. UNDERGROUND TELEPHONE EX. EASEMENT LINE MB PERMANENT RIGHT-OF-WAY LINE MB TEMPORARY WORKSPACE LINE MB ADDITIONAL TEMPORARY WORKSPACI EXISTING LINE MA RIGHT-OF-WAY PROPOSED ACCESS ROAD CENTERLINE PROPOSED CONTRACTOR STAGING AREA 100 YEAR FEMA FLOODPLAIN SOILS DELINEATION - HSG SLOPES 15-25% SLOPES 25% OR GREATER FIELD DELINEATED WATERS OF THE U.S. NATURAL RESOURCE DISTRICT NON-TIDAL WETLAND 25' MDE REGULATED WETLAND BUFFER FOREST STAND TREE LINE FOREST BUFFER EXPANDED RIPARIAN BUFFER EX. EDGE OF PAVEMENT — LOD — LIMIT OF DISTURBANCE HIGHLY ERODIBLE SOILS EX. BUILDING LNMAW0000 WETLAND ID STREAM ID LNMAS0000 ACCESS ROAD ID AR-0000 **MILEPOST** MD-BA-000.00 PROPERTY TRACT NUMBER

BALTIMORE COUNTY GRADING \ EROSION AND SEDIMENT CONTROL PLAN COLUMBIA GAS TRANSMISSION, LLC LINE MB EXTENSION PROJECT-PHASE 2

BALTIMORE & HARFORD COUNTIES, MARYLAND



OWNER/APPLICANT

NISOURCE / COLUMBIA GAS TRANSMISSION, LLC 1700 MacCORKLE AVE, SE

> CHARLESTON, WV 25314 TELE: (304) 357-2040

CONTACT: JENNIFER L. CANNON

AREA DISTURBED IN BALTIMORE COUNTY: 4,401,571 SF. / 101.05 AC.

936 RIDGEBROOK ROAD

Sparks, Maryland 21152

TELEPHONE: (410) 316-7800

GENERAL NOTES

- TOPOGRAPHICAL SURVEY DATA WAS PROVIDED BY BALTIMORE AND HARFORD COUNTIES IN 2012 (BALTIMORE COUNTY TOPOGRAPHIC CONTOUR DATA FROM 2005) (HARFORD COUNTY TOPOGRAPHIC CONTOUR DATA FROM 2008).
- 2. BASE MAPPING SHOWN IS FROM A COMBINATION OF SOURCES BY OTHER FIRMS RESPONSIBLE FOR THE DESIGN OF THE PIPELINE. PROFESSIONAL RESPONSIBILITY OF KCITECHNOLOGIES, INC. IS SOLEY THE CONSISTENCY OF THE EROSION CONTROL PLAN WITH THE BASE FILES PROVIDED, AND NOT THE ACCURACY OF THE BASE FILES THEMSELVES.
- . ALL DISTURBED AREA FROM APPROXIMATELY OLD YORK ROAD EAST TO MANOR ROAD IS INCLUDED WITHIN A TIER II WATERSHED AS NOTED ON THE GRADING/EROSION AND SEDIMENT CONTROL PLAN DWG NO. EC-48 THROUGH EC-53.
- 4. ALL DISTURBED AREA WITHIN THE EXPANDED RIPARIAN BUFFER IS WITHIN THE STREAMSIDE MANAGEMENT ZONE AS NOTED ON THE GRADING/EROSION AND SEDIMENT CONTROL PLAN DWG. NO. EC-26 THROUGH EC-53.
- 5. EROSION AND SEDIMENT CONTROL PLANS FOR 2015 CONSTRUCTION WERE PREPARED PER THE DIRECTION OF COLUMBIA GAS TRANSMISSION, LLC.
- 6. PROPERTY TRACT NUMBERS ARE SHOWN ON THE GRADING/EROSION AND SEDIMENT CONTROL PLAN DWG NO. EC-26 THROUGH EC-53. DETAILED INFORMATION FOR INDIVIDUAL PROPERTIES IS PROVIDED ON THE PROPERTY OWNER'S CHART, DWG NO. PO-1.1 THROUGH PO-1.3.

- THE PROPOSED GRADING SHOWN ON THIS PLAN MEETS THE REQUIREMENTS SET FORTH BY BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY AND COMPLIES WITH ARTICLE 33, TITLE 5 OF THE BALTIMORE COUNTY CODE. HOWEVER, DUE TO BUILDING TYPES AND LAYOUT, SOME FIELD ADJUSTMENTS MAY BE REQUIRED. ALL CHANGES MUST COMPLY WITH THE ABOVE MENTIONED REQUIREMENTS.
- ALL SWALES HAVE BEEN DESIGNED BY THE ENGINEER TO CONVEY RUNOFF ACCORDING TO BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS DESIGN STANDARDS.
- 3. THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION OR DISTURBANCE OF VEGETATION IN FOREST BUFFER EASEMENT OR OTHER FOREST RETENTION AREAS, EXCEPT AS PERMITTED BY BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SUSTAINABILITY.
- STORMWATER MANAGEMENT HAS BEEN ADDRESSED/APPROVED BY/THROUGH (PAYMENT OF A FEE IN LIEU TO THE BALTIMORE COUNTY STORMWATER MANAGEMENT FUND/ STORMWATER MANAGEMENT VARIANCE/STORMWATER MANAGEMENT EXEMPTION/ENVIRONMENTAL SITE DESIGN).





CONSTRUCTION MANAGERS A NiSource Company

REVISIONS BY JAN. 2015 DESCRIPTION NO. DATE JULY 2015 REVISED LOD TO REPLACE STAGING AREA #7 WITH KP SCALE STAGING AREA #7B, #7C, & #7D; RELOCATED PAVED Transmission... NR-0900; REVISED TSOS 30-9; ADDED NEW TRENCH DRAIN: ADDED DBL-SIDED SFD DETAIL T-1.0. VIC-1.0. CW C-26, EC-26A, EC-26B, EC-26C, EC-27, EC-30, EC-52, ECN-1.0, ECD-1.06, PO-1.1

SHEET INDEX

-A. OWNER'S/DEVELOPER'S CERTIFICATION - GRADING

-B. OWNER'S/DEVELOPER'S CERTIFICATION - AIR QUALITY

7.17.15

THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I/WE ALSO CERTIFY THAT THE SITE WILL BE INSPECTED AT THE END OF EACH WORKING DAY, AND THAT ANY NEEDED MAINTENANCE WILL BE COMPLETED SO AS TO INSURE THAT ALL SEDIMENT CONTROL PRACTICES ARE LEFT IN OPERATIONAL CONDITION. I/WE AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATIONS BY THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT BOARD OF SUPERVISORS OR

JENNIFER CANNON

CONSULTANT'S CERTIFICATION

BALTIMORE COUNTY

DEPARTMENT OF ENVIRONMENTAL PROTECTION

AND SUSTAINABILITY

APPROVED FOR GRADING

I CERTIFY THAT THIS PLAN OF EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, AND THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT AND THE CURRENT STATE OF MARYLAND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. I HAVE REVIEWED THIS EROSION AND SEDIMENT CONTROL PLAN WITH THE OWNER/DEVELOPER.

KAREN POWELL

STORMWATER MANAGEMENT PERMIT NOT REQUIRED

9-1, 7-20-15 Replace Staging Area Twith 78, 7C \$ 70, etc. QC BALTIMORE COUNTY SOIL CONSERVATION DISTRICT

APPROVED FOR SEDIMENT CONTROL 7-20-15

025-1882-15 DISTRICT OFFICIAL

TECHNICAL REVIEW FOR THE DISTRICT BY: FA GRADING PERMIT HAS NOT BEEN OBTAINED WITHIN TWO YEARS OF THIS APPROVAL, THIS PLAN SHALL BE RE-SUBMMITTED TO THE DISTRICT.

DESIGN & DRAWING BASED ON MARYLAND STATE COORDINATE SYSTEM - HORIZ.: NAD 83 (ADJ. '07); VERT.: NAVD 88

BALTIMORE COUNTY

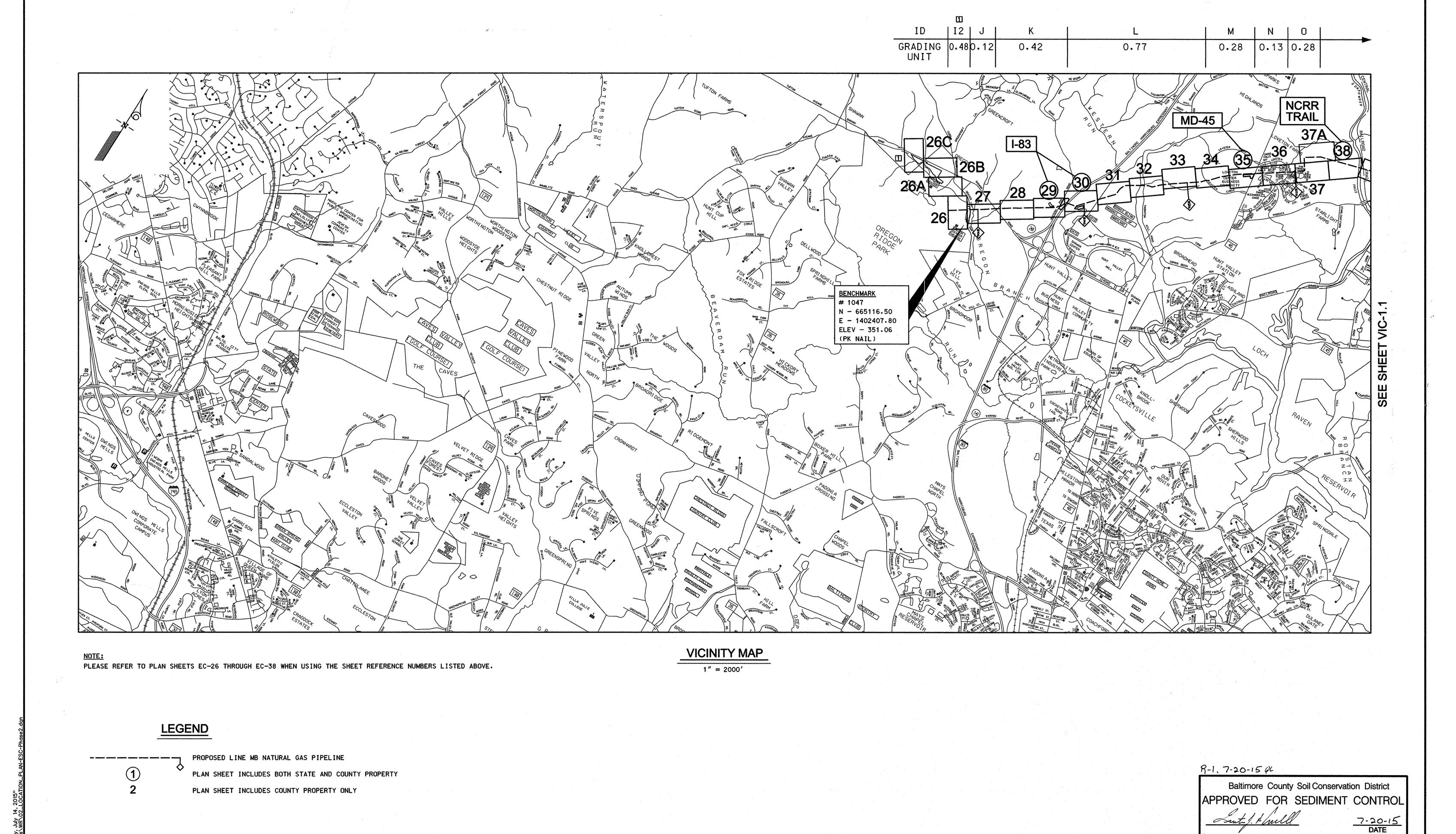
FOR

SHEET 1 OF 61 KCI JOB NUMBER 16-121849

T-1.0

GRADING / EROSION AND SEDIMENT CONTROL PLAN AS SHOWN ESIGNED BY

COLUMBIA GAS TRANSMISSION, LLC LINE MB EXTENSION PROJECT - PHASE 2 BALTIMORE & HARFORD COUNTIES, MARYLAND



PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE
DOCUMENTS WERE PREPARED OR
APPROVED BY ME. AND THAT
I AM A DULY LICENSED
PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE
OF MARYLAND.
LICENSE NO. 14942
EXPIRATION DATE: 6/01/2016





Columbia Gas Transmission...

	DATE				
NO.	DATE	DESCRIPTION	BY	JAN- 2015	
	JULY 2015	REVISED LOD TO REPLACE STAGING AREA #7 WITH	KP	SCALE	
		STAGING AREA #7B, #7C, & #7D; RELOCATED PAVED		1"= 2000'	
		AR-0900; REVISED TSOS 30-9; ADDED NEW TRENCH		DESIGNED BY	i
		DRAIN; ADDED DBL-SIDED SFD DETAIL T-1.0, VIC-1.0,		CW	
	-	EC-26, EC-26A, EC-26B, EC-26C, EC-27, EC-30,		DRAWN BY	ł
	·	EC-52, ECN-1.0, ECD-1.06, PO-1.1			
				KP	

BALTIMORE COUNTY VICINITY MAP FOR

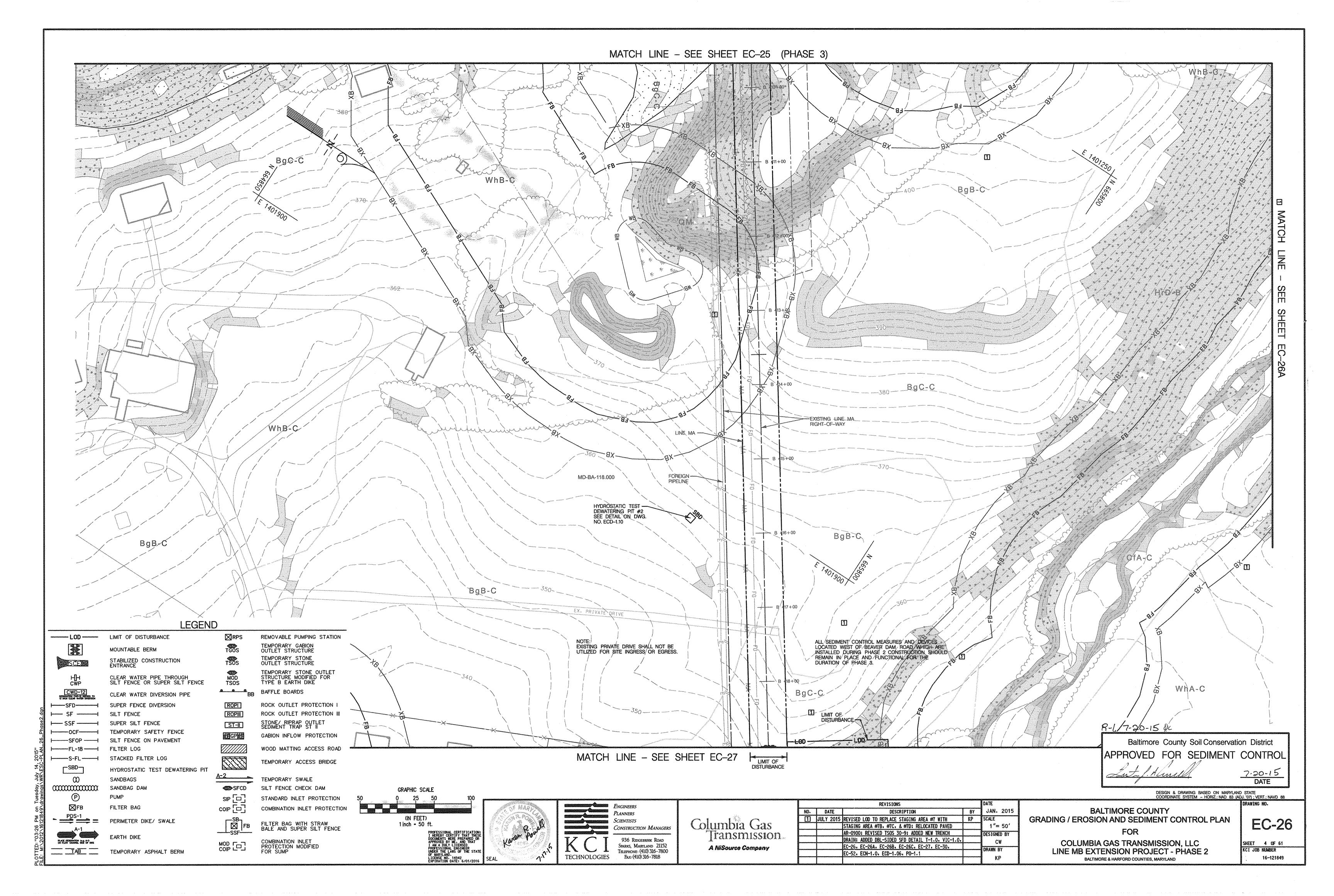
COLUMBIA GAS TRANSMISSION, LLC LINE MB EXTENSION PROJECT - PHASE 2 BALTIMORE & HARFORD COUNTIES, MARYLAND VIC-1.0

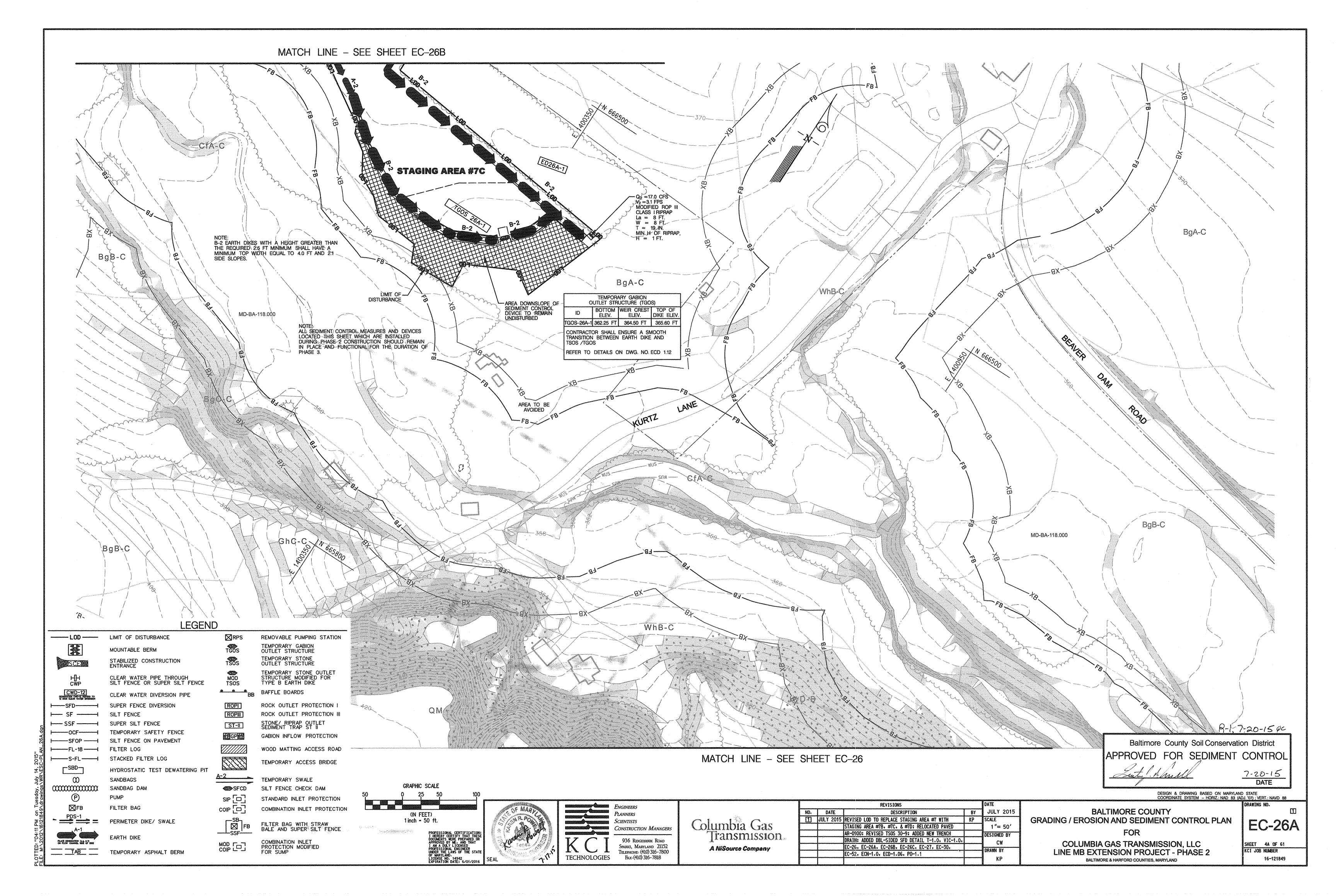
SHEET 2 OF 61

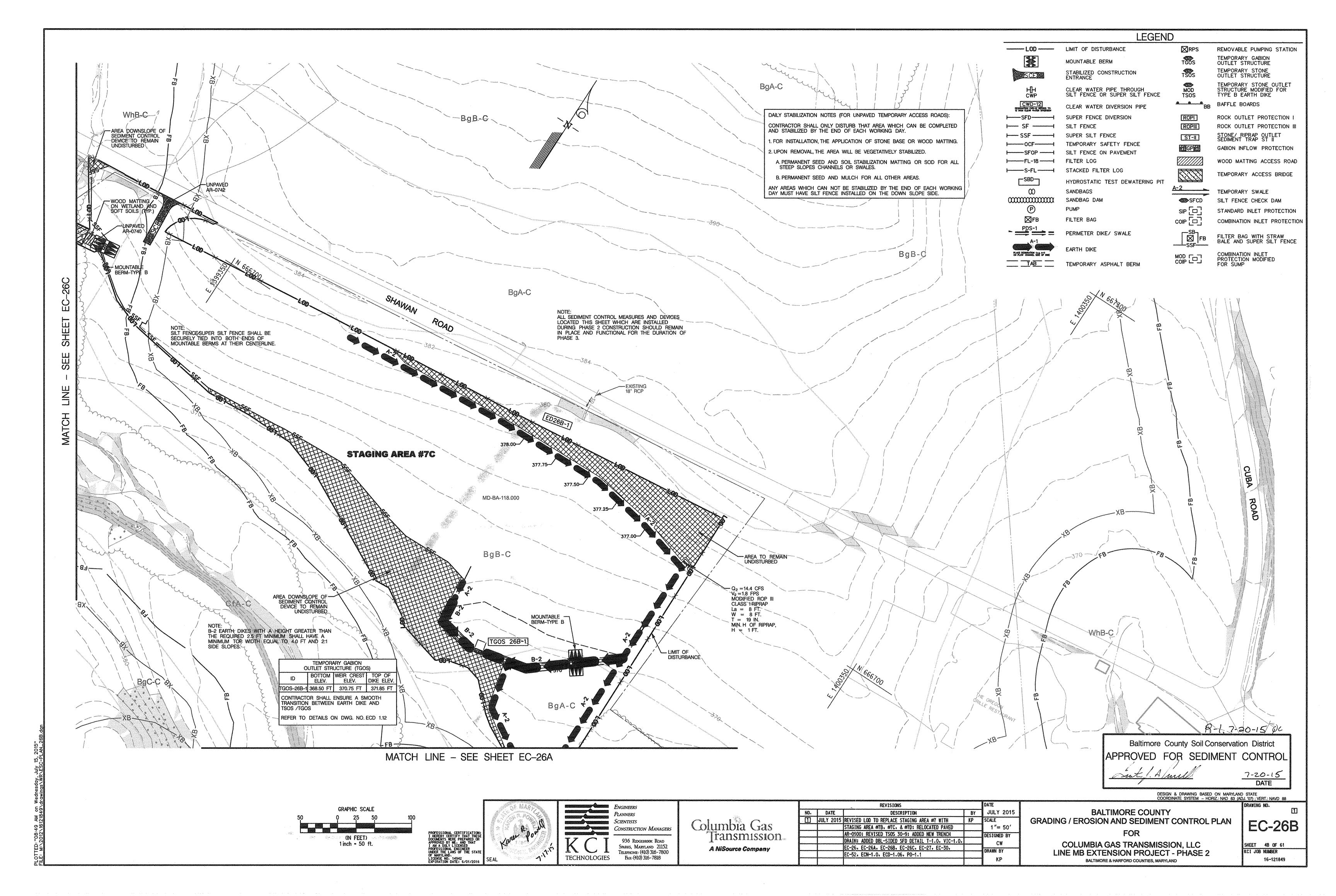
KCI JOB NUMBER

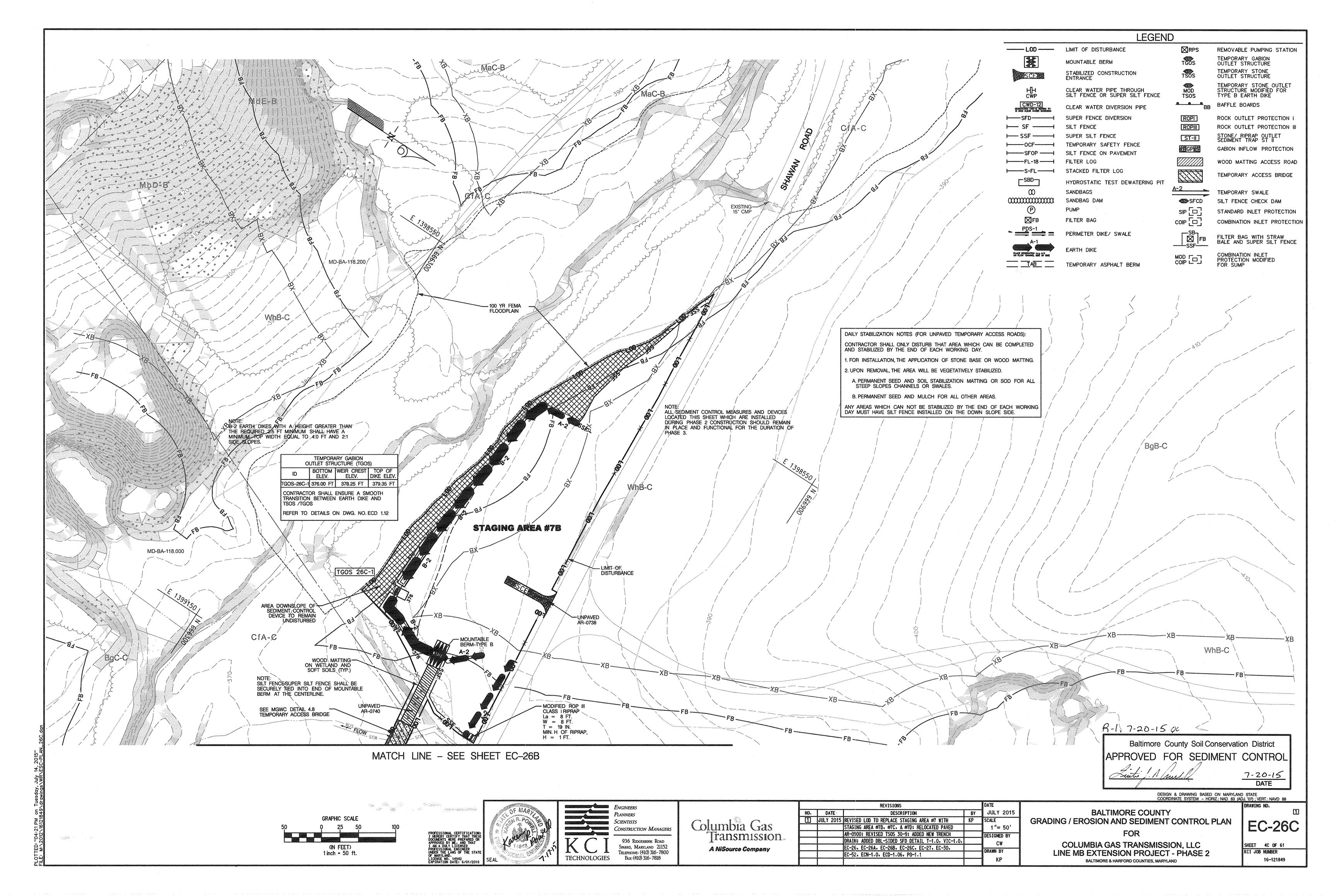
16-121849

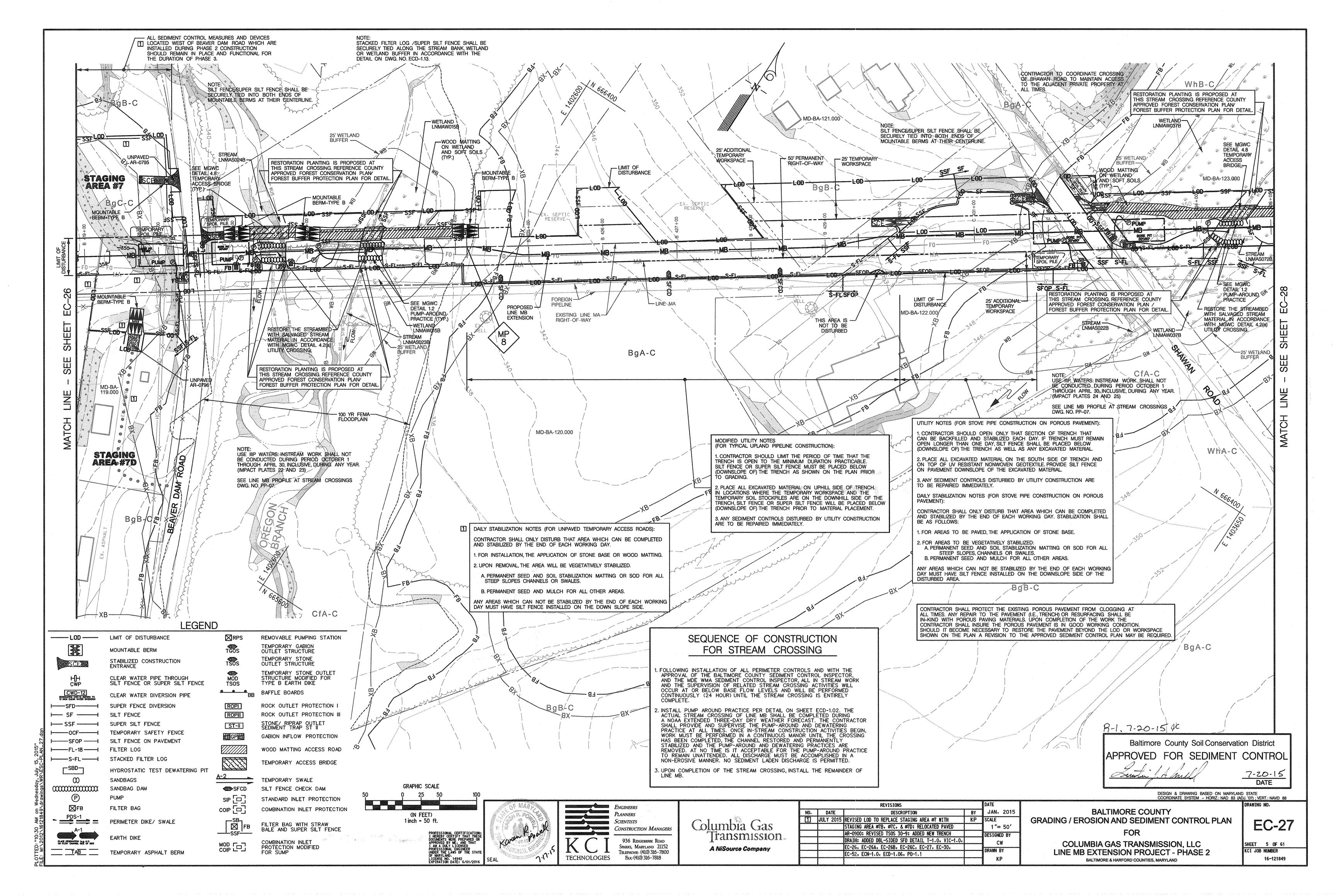
DESIGN & DRAWING BASED ON MARYLAND STATE COORDINATE SYSTEM - HORIZ.: NAD 83 (ADJ. '07); VERT.: NAVD 88

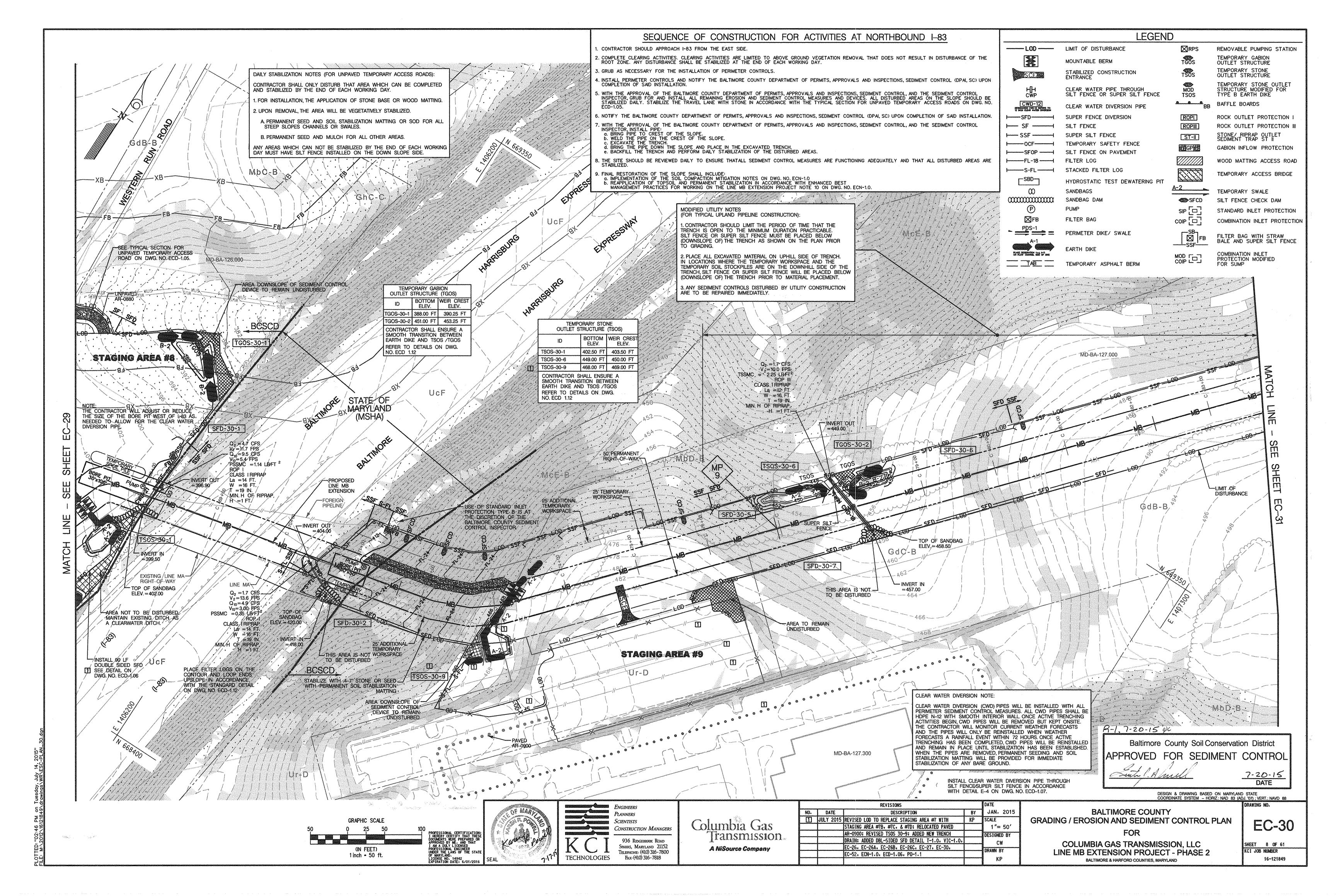


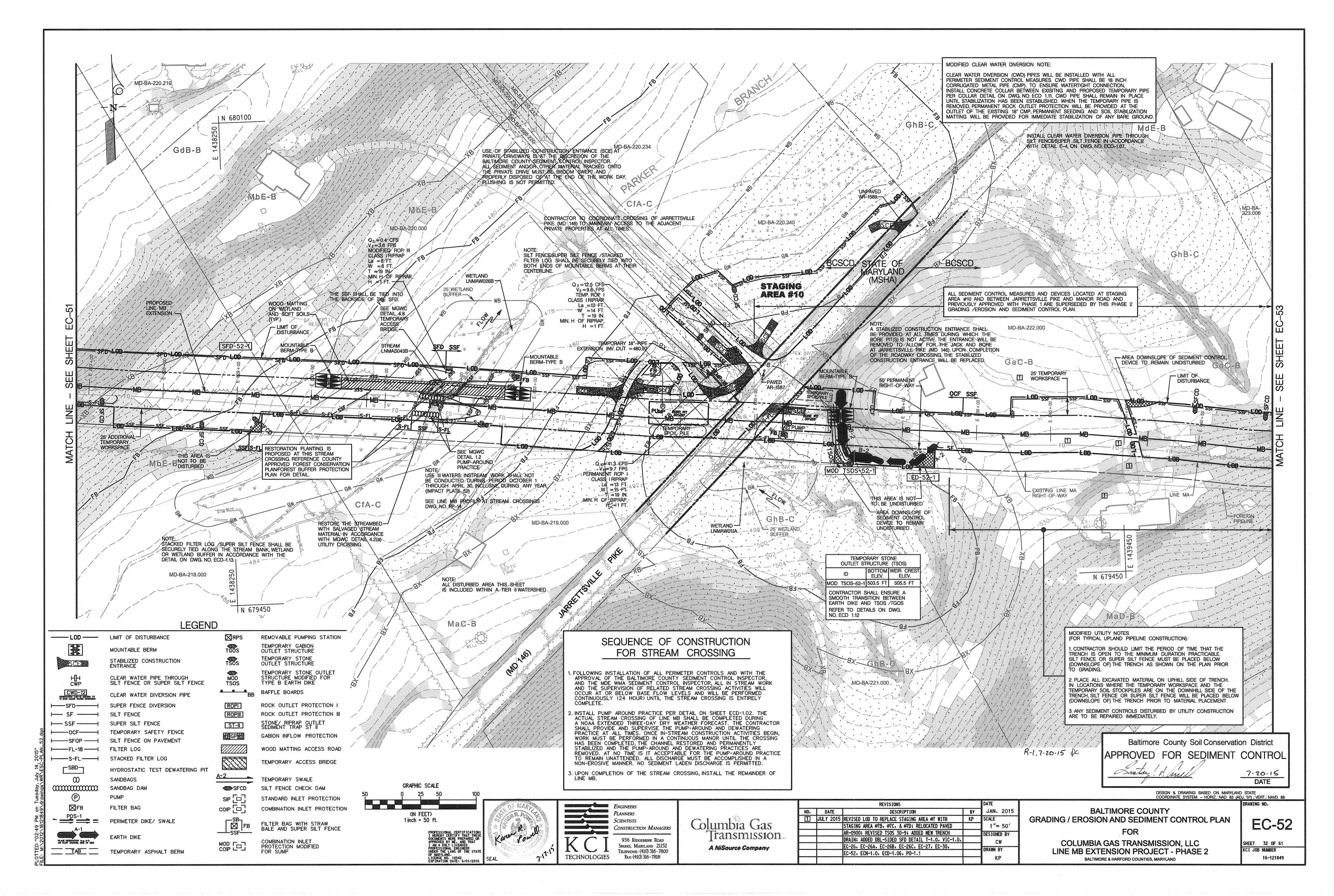












GENERAL EROSION AND SEDIMENT CONTROL NOTES

- 1. REFER TO "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" FOR STANDARD DETAILS AND DETAILED SPECIFICATIONS OF EACH PRACTICE SPECIFIED HEREIN.
- 2. WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, MINOR FIELD ADJUSTMENTS CAN AND WILL BE MADE TO INSURE THE CONTROL OF ANY SEDIMENT. CHANGES IN SEDIMENT CONTROL PRACTICES REQUIRE PRIOR APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT.
- 3. AT THE END OF EACH WORKING DAY, ALL SEDIMENT CONTROL PRACTICES WILL BE INSPECTED AND LEFT IN OPERATIONAL CONDITION.
- 4. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN: A.) THREE CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN THREE HORIZONTAL TO ONE VERTICAL (3:1), AND B.) SEVEN CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.
- 5. ANY CHANGE TO THE GRADING PROPOSED ON THIS PLAN REQUIRES RE-SUBMISSION TO BALTIMORE COUNTY SOIL CONSERVATION DISTRICT FOR APPROVAL.
- 6. DUST CONTROL WILL BE PROVIDED FOR ALL DISTURBED AREAS. REFER TO "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", PG. H-22, FOR ACCEPTABLE METHODS AND SPECIFICATIONS FOR DUST CONTROL.
- 7. ANY VARIATIONS FROM THE SEQUENCE OF OPERATIONS STATED ON THIS PLAN REQUIRES THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE BALTIMORE COUNTY SOIL CONSERVATION DISTRICT PRIOR TO THE INITIATION OF THE CHANGE.
- 8. EXCESS CUT OR BORROW MATERIAL SHALL GO TO, OR COME FROM RESPECTIVELY, A SITE WITH AN OPEN GRADING PERMIT AND APPROVED SEDIMENT CONTROL PLAN.
- 9. THE FOLLOWING ITEM MAY BE USED AS APPLICABLE: REFER TO "MARYLAND'S GUIDELINES TO WATERWAY CONSTRUCTION" BY THE WATER MANAGEMENT ADMINISTRATION (WMA) OF THE MARYLAND DEPARTMENT OF THE ENVIRONMENT DATED, NOVEMBER, 2000, FOR STANDARD DETAILS AND DETAILED SPECIFICATIONS OF EACH PRACTICE SPECIFIED HEREIN FOR WATERWAY CONSTRUCTION.
- 10. PUMPING SEDIMENT LADEN WATER INTO WATERS OF THE STATE IS STRICTLY PROHIBITED. ANY PORTABLE DEWATERING DEVICE MUST BE LOCATED WITHIN THE LIMIT OF DISTURBANCE.

PROJECT DESCRIPTION

THIS PROJECT IS A LINEAR UNDERGROUND UTILITY INSTALLATION, CONSISTING OF EXTENSION OF A 26-INCH NATURAL GAS PIPELINE(LINE MB) FOR APPROXIMATELY 21 MILES FROM EXISTING OWINGS MILLS METER AND REGULATOR STATION IN BALTIMORE COUNTY, MARYLAND TO THE EXISTING RUTLEDGE COMPRESSOR STATION IN HARFORD COUNTY, MARYLAND. THE PROJECT WILL BE CO-LOCATED WITH EXISTING RIGHT-OF-WAY (ROWS), TO THE GREATEST EXTENT PRACTICABLE, INCLUDING COLUMBIA'S ROW FOR THE EXISTING LINE MA PIPELINE.

EROSION AND SEDIMENT CONTROL NOTES

- A. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN. REFERENCE MANUALS INCLUDE: 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, MARYLAND GUIDELINES FOR WATERWAY CONSTRUCTIONS, DATED 2000, AND COLUMBIA GAS TRANSMISSION ENVIRONMENTAL CONSTRUCTION STANDARDS, DATED JANUARY 2009.
- B. COLUMBIA SHALL NOT BEGIN CONSTRUCTION ON ANY INDIVIDUAL PARCEL OF LAND UNTIL IT HAS OBTAINED THE LEGAL RIGHTS FOR THAT PARCEL AND HAS RECEIVED NOTICE TO PROCEED AUTHORIZATION FROM THE FEDERAL ENERGY REGULATORY COMMISSION (FERC).
- C. SEQUENCE OF CONSTRUCTION
- 1. A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS (DPAI, SC) (410-887-3226); MARYLAND DEPARTMENT OF THE ENVIRONMENT, COMPLIANCE PROGRAM (410-537-3510) AND NONTIDAL WETLANDS DIVISION (410-537-3911); AND U.S. ARMY CORPS OF ENGINEERS (410-962-6080). NOTIFY BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS (DPAI, SC) (410-887-3226) AT LEAST 48 HOURS PRIOR TO BEGINNING WORK, NOTIFY MARYLAND DEPARTMENT OF THE ENVIRONMENT, INSPECTION AND COMPLIANCE PROGRAM (410-537-3510) AT LEAST 5 DAYS PRIOR TO BEGINNING WORK
- 2. THE LIMIT OF DISTURBANCE (LOD) WILL BE CLEARLY DEFINED IN THE FIELD. THIS DEMARCATION SHALL BE INSPECTED AND APPROVED BY BALTIMORE COUNTY PAI AT THE PRE-CONSTRUCTION MEETING.
- 11 3. CLEAR AND GRUB AS NECESSARY FOR THE INSTALLATION OF ALL SEDIMENT CONTROL MEASURES OR DEVICES ONLY AT STAGING AREA NOS. 7, 7B, 7C, 7D, 8, 9, 9A, 10 AND 11.
- 4. INSTALL ALL SEDIMENT AND EROSION CONTROL MEASURES AND DEVICES FOR THE STAGING AREAS.
- 5. NOTIFY BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL (DPAI, SC) UPON COMPLETION OF SAID INSTALLATION.
- 6. WITH THE APPROVAL OF BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL, AND THE SEDIMENT CONTROL INSPECTOR, CLEAR AND GRUB THE REMAINDER OF THE STAGING AREAS.
- 7. CLEAR THE REMAINING WORKSPACE AS NECESSARY, CLEARING ACTIVITIES ARE LIMITED TO ABOVE GROUND VEGETATION REMOVAL THAT DOES NOT RESULT IN DISTURBANCE OF THE ROOT ZONE, ANY DISTURBANCE SHALL BE STABILIZED BY THE END OF EACH WORKING DAY.
- 8. CLEAR AND GRUB FOR AND INSTALL ALL REMAINING SEDIMENT AND EROSION CONTROL MEASURES AND DEVICES.
- 9. NOTIFY BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL (DPAI, SC) UPON COMPLETION OF SAID INSTALLATION.
- 10. WITH THE APPROVAL OF BALTIMORE COUNTY DEPARTMENT OF PERMITS, APPROVALS AND INSPECTIONS, SEDIMENT CONTROL, AND THE SEDIMENT CONTROL INSPECTOR, BEGIN GRUBBING
- ACTIVITIES, GRADING AND TRENCHING THE REMAINDER OF THE WORKSPACE, TOPSOIL SHALL BE STOCKPILED AND REAPPLIED PRIOR TO PERMANENT STABILIZATION. 11. INSTALL LINE MB. SEE ALL OTHER NOTES /GUIDELINES ON PLAN VIEW SHEETS INCLUDING SEQUENCE OF CONSTRUCTION FOR STREAM CROSSINGS AND STEEP SLOPES AT I-83 AND WESTERN RUN.
- 12. BACKFILL THE TRENCH, FINE GRADE, REAPPLY TOPSOIL, AND PERMANENTLY STABILIZE ALL DISTURBED AREAS. FINAL RESTORATION INCLUDES THE IMPLEMENTATION OF THE APPROVED
- FOREST BUFFER PROTECTION PLAN. SEE "SOIL COMPACTION MITIGATION" NOTES ON THIS SHEET. 13. UPON STABILIZATION OF THE SITE WITH ESTABLISHED VEGETATION AND WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL MEASURES AND
- STABILIZE THOSE AREAS DISTURBED BY THIS PROCESS.
- D. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROPERLY MAINTAINED AND ADEQUATELY FUNCTIONING AT THE END OF EACH WORKDAY AND AFTER EVERY STORM EVENT. ANY EXISTING MEASURES THAT ARE DAMAGED SHALL BE PROPERLY REPAIRED AT THE END OF EACH WORKDAY. MAINTENANCE SHALL INCLUDE, BUT NOT BE LIMITED TO THE REMOVAL OF ALL ACCUMULATED SEDIMENT. GEOTEXTILE FABRIC SHALL BE REPLACED AS NEEDED TO ENSURE PROPER FUNCTION.
- E. EXCAVATED TOPSOIL AND SUBSOIL SHALL BE KEPT SEPARATE AND PROTECTED AS FOLLOWS: 1. TEMPORARY STOCKPILES SHALL BE LOCATED WITHIN THE LIMIT OF DISTURBANCE
- 2. TEMPORARY STOCKPILES SHALL DRAIN TO A FUNCTIONING SEDIMENT CONTROL DEVICE.
- 3. TEMPORARY STOCKPILES SHALL BE POSITIONED TO NOT IMPEDE UPON, OR IMPAIR THE FUNCTION OF SAID DEVICE.
- 4. TEMPORARY STOCKPILES SHALL BE POSITIONED TO NOT ALTER DRAINAGE DIVIDES.
- F. POINT OF CONSTRUCTION INGRESS AND EGRESS SHALL BE PROTECTED TO PREVENT THE TRACKING OF SOIL ONTO PUBLIC WAYS BY USING STABILIZED CONSTRUCTION ENTRANCE AT THE INTERFACES WITH PUBLIC ROADWAYS.
- G. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1. THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN THREE HORIZONTAL TO ONE VERTICAL (3:1).
- 2. SEVEN (7) CALENDAR DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.
- H. ANY DEWATERING DISCHARGE SHALL BE PLACED INTO AN APPROVED DEWATERING STRUCTURE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD DETAILS AND DWG. NO. ECD-1.11.

CLEARED TIMBER NOTE

CLEARED TIMBER MAY BE PLACED ON THE ADJACENT LAND OWNER'S PROPERTY, OUTSIDE THE LOD, FOR THE LAND OWNER'S PERSONAL USE, PROVIDED THAT THE TIMBER IS NOT PLACED IN A STREAM, WETLAND, BUFFER. OR EXPANDED BUFFER AND THAT THE PLACEMENT DOES NOT REQUIRE EQUIPMENT TO LEAVE THE LOD.

MOUNTABLE BERM NOTE

MOUNTABLE BERMS CAN BE PLACED OVER WATER CONVEYANCE MEASURES (EARTH DIKE, PDS, CWD, ETC.) IN ACCORDANCE WITH DETAIL C-8 ON DWG. NO. ECD-1.05 AS NECESSARY AT THE DISCRETION OF THE BALTIMORE COUNTY SEDIMENT CONTROL INSPECTOR PROVIDED DRAINAGE AREAS TO THE CONTROL DEVICES ARE PROPERLY MAINTAINED.

INLET PROTECTION NOTE

THE CONTRACTOR IS REQUIRED TO INSTALL INLET PRIECTION ON ALL STORM DRAIN INLETS WITH THE EXCEPTION OF THE FOLLOWING:

- *1. ANY INLET OUTFALLING DIRECTLY INTO A SEDIMENT TRAPPING DEVICE.
- 2. INLETS ON PRIVATE OR PUBLIC PAVED ROADWAYS OPEN TO THE PUBLIC.
- ALL INLET PROTECTION WILL BE INSTALLED AS DIRECTED BY THE INSPECTOR IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL PAGE E.23 (OR AS MAY BE AMENDED). THE REMOVAL OF ANY INLET PROTECTION DEVICES WILL REQUIRE APPROVAL FROM THE INSPECTOR.
- * STORM DRAINS TO BE FLUSHED PRIOR TO TRAPPING DEVICE REMOVAL

Г			CHANAADV OL	CDAD	NAC HAUTS			· .
			SUMMARY OF GRA		ANG UNIS		GRADING UNIT	
10	FROM		ТО		LOD Area (sf)	LOD Area(ac)	(20 ac)	NOTES
12	Staging Areas 7, 7B, 7C , 7D	EC-26	Staging Areas 7, 7B, 7C, 7D	EC-27	415,818	9.55	0.48	
J	Beaver Dam Rd	EC-27	Shawan Rd	EC-27	105,229	2.42	0.12	
K	Shawan Rd	EC-27	I-83	EC-30	362,167	8.31	0.42	
L	I-83	EC-30	Loveton Circle	EC-34	671,149	15.41	0.77	
M	Loveton Circle	EC-34	SR 45 (York Rd)	EC-35	242,757	5.57	0.28	
N	SR 45 (York Rd)	EC-35	Loveton Farms Rd	EC-36	109,301	2.51	0.13	
0	Loveton Farms Rd	EC-36	HDD segment	EC-37	244,656	5.62	0.28	
0	1 HDD segment	EC-39	Hunting Way	EC-40	212,910	4.89	0.24	
P	Hunting Way	EC-40	Carroll Rd	EC-41	106,871	2.45	0.12	
Q	Carroll Rd	EC-41	Carroll Mill Rd	EC-43	281,134	6.45	0.32	
Q	1 Carroll Mill Rd	EC-43	Stockton Rd	EC-46	448,755	10.30	0.52	
Q	2 Stockton Rd	EC-46	Old York Rd	EC-48	435,018	9.99	0.50	
R	Old York Rd	EC-48	SR 146 (Jarrettsville Rd)	EC-52	574,173	13.18	0.66	
R	1		Staging Area #10	EC-52	22,317	0.51	0.03	
S	SR 146 (Jarrettsville Rd)	EC-52	Manor Rd	EC-53	169,316	3.89	0.19	
Г			TOTAL		4,401,571	101.05	5.05	

*WITH THE APPROVAL OF THE BALTIMORE COUNTY SEDIMENT CONTROL INSPECTOR, THE CONTRACTOR MAY WORK IN MULTIPLE GRADING UNITS CONCURRENTLY.

SITE INFORMATION	
TOTAL AREA OF FACILITY	113.10 ACRES
AREA DISTURBED	101.05 ACRES (4,401,571 SQ FT)
AREA TO BE ROOFED OR PAVED	0 ACRES
TOTAL CUT	8 CUBIC YARDS
TOTAL FILL	713 CUBIC YARDS
OFF-SITE WASTE /BORROW AREA LOCATION	NONE

SOIL COMPACTION MITIGATION

- A. TEST TOPSOIL AND SUBSOIL FOR COMPACTION AT REGULAR INTERVALS IN AREAS OF CONCERN (i.e., HAUL ROADS, ETC.), CONDUCT TESTS ON THE SAME SOIL TYPE UNDER SIMILAR MOISTURE CONDITIONS IN UNDISTURBED AREAS IMMEDIATELY ADJACENT TO THE CONSTRUCTION AREA TO APPROXIMATE PRECONSTRUCTION CONDITIONS. PENETROMETERS OR OTHER APPROPRIATE DEVICES WILL BE USED TO CONDUCT THE TESTS.
- B. PLOW ALL SEVERELY COMPACTED AREAS WITHIN THE DISTURBED AREA WITH A PARAPLOW, SUBSOILER, OR OTHER DEEP TILLAGE IMPLEMENT. TILLAGE DEPTH SHALL BE A MINIMUM OF 12 INCHES. IN AREAS WHERE TOPSOIL HAS BEEN SEGREGATED, DEEP TILL THE SUBSOIL BEFORE REPLACING THE SEGREGATED TOPSOIL. IF SUBSEQUENT CONSTRUCTION AND CLEANUP ACTIVITIES RESULT IN FURTHER COMPACTION, CONDUCT ADDITIONAL DEEP TILLING.

STABILIZED CONSTRUCTION ENTRANCE (SCE) NOTE

THE LOCATIONS OF THE STABILIZED CONSTRUCTION ENTRANCES SHOWN ON THE PLAN SHEETS ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE EXACT LOCATIONS IN THE FIELD AND RELOCATE AS NEEDED IN ACCORDANCE WITH BALTIMORE COUNTY GENERAL EROSION AND SEDIMENT CONTROL NOTE NO. 2 AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR.

ENHANCED BEST MANAGEMENT PRACTICES FOR WORKING ON THE LINE MB EXTENSION PROJECT

- 1. AT A MINIMUM, THE CONTRACTOR MUST INSPECT ALL SEDIMENT CONTROL MEASURES AND DEVICES ONCE EVERY SEVEN (7) CALENDAR DAYS, AND WITHIN 24 HOURS OF THE OCCURRENCE OF A STORM EVENT OF 0.25 INCHES OR GREATER. THE CONTRACTOR SHALL PREPARE A WRITTEN INSPECTION REPORT FOR EACH INSPECTION, AND MAINTAIN A LOG BOOK FOR ALL REPORTS. ALL CORRECTIVE ACTION SHOULD BE INITIATED WITHIN 24 HOURS AND COMPLETED WITHIN 72 HOURS OF BEING NOTED.
- 2. THE CONTRACTOR MUST INSPECT ALL SEDIMENT CONTROL MEASURES AND DEVICES PRIOR TO A NOAA FORCASTED EVENT OF 0.25 INCHES OR GREATER. THE CONTRACTOR SHALL PERFORM REPAIRS AND MAINTENANCE TO THE MAXIMUM EXTENT PRACTICABLE TO ASSURE ALL DEVICES ARE IN GOOD WORKING ORDER PRIOR TO THE EVENT.
- 3. ALL POINTS OF INGRESS AND EGRESS TO THE LINE MB EXTENSION PROJECT WILL BE CLEARLY MARKED AS SUCH.
- 4. ALL WETLANDS, WATERWAYS, AND 100-YR FLOODPLAINS SHALL BE CLEARLY MARKED AS SUCH. VEHICLES OPERATING WITHIN 100 FT OF THESE AREAS SHALL CARRY EMERGENCY SPILL KITS.
- 5. ALL FOREST BUFFER AND FOREST CONSERVATION AREAS SHALL BE CLEARLY MARKED AS SUCH.
- 6. WITHIN THE EXPANDED RIPARIAN BUFFER (XB), CUT VEGETATION OFF JUST ABOVE GROUND LEVEL, LEAVING THE EXISTING ROOT SYSTEMS IN PLACE, AND REMOVE VEGETATION FROM THE XB FOR DISPOSAL MINIMIZE GRADING WITHIN THE XB TO ONLY WHAT IS REQUIRED TO SAFELY AND EFFICIENTLY OPERATE EQUIPEMENT LIMIT PULLING OF TREE STUMPS AND GRADING ACTIVITIES TO DIRECTLY OVER THE TRENCHLINE EXCEPT WHERE THE CHIEF INSPECTOR AND ENVIRONMENTAL INSPECTOR DETERMINE THAT SAFETY RELATED CONSTRUCTION CONSTRAINTS REQUIRE REMOVAL OF TREE STUMPS FROM UNDER THE WORKING SIDE OF THE CONSTRUCTION WORK AREA.
- 7. MULCH DEPTH APPLICATION SHALL NOT EXCEED 6 INCHES.
- 8. STOCKPILES WILL BE LOCATED WITHIN THE LOD AND SHALL DRAIN TO AN APPROPRIATE EROSION AND SEDIMENT CONTROL DEVICE (I.E., SILT FENCE). STOCKPILES THAT ARE LOCATED WITHIN 100 FT. OF STREAM RESOURCES AND ARE INACTIVE (THOSE UNTOUCHED FOR SEVEN (7) DAYS OR LONGER) WILL BE SEEDED OR COVERED WITH AN IMPERMEABLE COVER WHEN INACTIVE.
- 9. REDUNDANT CONTROLS SHALL BE USED FOR DEWATERING DISCHARGES WITHIN THE XB (I.E., FILTER BAG SURROUNDED WITH STRAW BALES AND SUPER SILT FENCE -SEE DETAIL ON DWG. NO. ECD-1.11).
- 10. HYDROSEEDING SHALL BE CONDUCTED WITH FLEXTERRA HIGH PERFORMANCE-FLEXIBLE GROWTH MEDIUM, OR APPROVED EQUIVALENT, USED IN CONJUNCTION WITH FIBER ROLLS IN AREAS OF 15% SLOPE OR GREATER. WITHIN 100-FT OF WETLANDS OR WATERBODIES. THE MEDIUM MUST BE CERTIFIED ENVIRONMENTALLY NON-TOXIC BY THE APPROPRIATE STATE OR FEDERAL AGENCY. THE FIBER ROLLS WILL BE LOCATED IN THE FIELD BY THE CONTRACTOR AND IN ACCORDANCE WITH THE DETAIL ON DWG. NO. ECD-1.08 AND SUBJECT TO APPROVAL BY THE SEDIMENT CONTROL INSPECTOR.
- 11. TEMPORARY SOIL STABILIZATION MATTING SLOPE APPLICATION (TSSMS 2.25 LB/SF) IN ACCORDANCE WITH DETAIL B-4-6-B ON DWG. NO. ECD-1.08 SHALL BE UTILIZED IN AREAS WITH HIGHLY ERODIBLE SOILS AND LESS THAN 15% SLOPE.

EROSION AND SEDIMENT CONTROL WILL BE STRICTLY ENFORCED.

R-1, 7.20-15 Oc

Baltimore County Soil Conservation District APPROVED FOR SEDIMENT CONTROL Sent J. A Chull 7-20-15 DATE

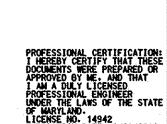
DESIGN & DRAWING BASED ON MARYLAND STATE COORDINATE SYSTEM - HORIZ.: NAD 83 (ADJ. '07); VERT.: NAVD 8

BALTIMORE COUNTY EROSION AND SEDIMENT CONTROL NOTES

COLUMBIA GAS TRANSMISSION. LLC LINE MB EXTENSION PROJECT - PHASE 2

BALTIMORE & HARFORD COUNTIES, MARYLAND

ECN-1.0 SHEET 43 OF 61 KCI JOB NUMBER 16-121849







CONSTRUCTION MANAGERS 936 RIDGEBROOK ROAD Sparks, Maryland 21152 TELEPHONE: (410) 316-7800 Fax: (410) 316-7818

Columbia Gas Transmission. A NiSource Company

BY JAN. 2015 NO. DATE DESCRIPTION 1 JULY 2015 REVISED LOD TO REPLACE STAGING AREA #7 WITH KP SCALE STAGING AREA #7B. #7C. & #7D; RELOCATED PAVED AR-0900: REVISED TSOS 30-9: ADDED NEW TRENCH DESIGNED BY DRAIN: ADDED DBL-SIDED SFD DETAIL T-1.0, VIC-1.0, EC-26, EC-26A, EC-26B, EC-26C, EC-27, EC-30, EC-52, ECN-1.0, ECD-1.06, PO-1.1

REVISIONS

CW

PROFILE ALONG CENTERLINE CROSS SECTION CONSTRUCTION SPECIFICATIONS 1. PROVIDE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS, UNDER THE BOTTOM AND ALONG SIDES OF ALL GABION BASKETS. 2. USE BASKETS MADE OF MINIMUM 11 GAUGE WIRE. 3. CONSTRUCT GABION INFLOW PROTECTION BY ARRANGING 9 X 3 X 1 FOOT GABION BASKETS TO FORM A TRAPEZOIDAL SECTION WITH A 3 FOOT BOTTOM WDTH, 1 FOOT MINIMUM DEPTH, 3 FOOT SIDE WALLS, AND 2:1 OR FLATTER SIDE SLOPES. FILL GABION BASKETS WITH 4 TO 7 INCH STONE OR EQUIVALENT RECYCLED CONCRETE WITHOUT REBAR OR WEIR MESH. I. INSTALL ENTRANCE AND EXIT SECTIONS AS SHOWN ON THE PROFILE. 5. INSTALL GABIONS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. 6. BLEND GABIONS INTO EXISTING GROUND. MAINTAIN LINE, GRADE, AND CROSS SECTION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. KEEP POINTS OF INFLOW AND OUTFLOW FREE OF EROSION MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL D.12

STABILIZE AREA WITH SEED AND SOIL
STABILIZATION MATTING MIN. 4 FEET
WIDE WITH 8 INCH EMBEDMENT AGAINST
THE MIRAFI. SECURE WITH 6 INCH NO. 11
GAUGE STAPLES AT 2 FEET ON CENTER FOLD TWO PIECES OF MIRAFI NT-100
OR APPROVED EQUIVALENT OVER
TOP OF FENCE AND SECURE TO
BACK SIDE WITH WIRE TIES LAY THE MIRAFI NT-100 OR —
APPROVED EQUIVALENT IN
THE BOTTOM OF THE 24 INCH
WIDE TRENCH - LAY THE MIRAFI NT-100 OR APPROVED EQUIVALENT IN THE BOTTOM OF THE 24 INCH WIDE TRENCH L-EMBED THE MIRAFI NT-100 OR APPROVED EQUIVALENT A MIN. 8 INCHES INTO THE GROUND AT EACH END REFER TO DETAIL C-9 SUPER FENCE DIVERSION DWG. NO. ECD-1.05 DOUBLE SIDED SUPER FENCE DIVERSION

NO TO SCALE

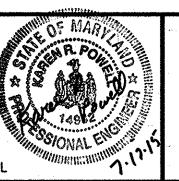
R-1, 7-20-15 QL

Baltimore County Soil Conservation District APPROVED FOR SEDIMENT CONTROL

7-20-15

DRAWING NO.

DESIGN & DRAWING BASED ON MARYLAND STATE COORDINATE SYSTEM - HORIZ.: NAD 83 (ADJ. '07); VERT.: NAVD 88





Columbia Gas Transmission A NiSource Company

	DATE	Γ			
NO.	DATE	DESCRIPTION	BY	JAN. 2015	
1	JULY 2015	REVISED LOD TO REPLACE STAGING AREA #7 WITH	KP	SCALE	
		STAGING AREA #7B, #7C, & #7D; RELOCATED PAVED		N.T.S.	
		AR-0900; REVISED TSOS 30-9; ADDED NEW TRENCH		DESIGNED BY	ĺ
		DRAIN; ADDED DBL-SIDED SFD DETAIL T-1.0, VIC-1.0,		CW	
		EC-26, EC-26A, EC-26B, EC-26C, EC-27, EC-30,		DRAWN BY	1
		EC-52, ECN-1.0, ECD-1.06, PO-1.1			
				- KD	1

BALTIMORE COUNTY EROSION AND SEDIMENT CONTROL DETAILS FOR

COLUMBIA GAS TRANSMISSION, LLC LINE MB EXTENSION PROJECT - PHASE 2 BALTIMORE & HARFORD COUNTIES, MARYLAND

SHEET 50 OF 61 KCI JOB NUMBER

ECD-1.06

16-121849

	DISTRICT - ACCOUNT #	OWNER	CONTACT ADDRESS	TAX MAP	GRID	PARCEL	LOT	DEED REFERENCE / PLAT REF.	ZONING
			EC 26						
MD-BA- 118.000	08 - 0802019031	BALTIMORE COUNTY MARYLAND	ATTN: BRIAN ADAMS, PAM JARRELL & SAM MORCHIENO ATTN: CHRIS MCCOLLUM, PAT SIMON, STEVEN WALSH 111 WEST CHESAPEAKE AVENUE TOWSON MD 21204 EC 27	41	17	56		05056/00650 / N/A	RC 7
MD-BA- 118.000	08 - 0802019031	BALTIMORE COUNTY MARYLAND	ATTN: BRIAN ADAMS, PAM JARRELL & SAM MORCHIENO ATTN: CHRIS MCCOLLUM, PAT SIMON, STEVEN WALSH 111 WEST CHESAPEAKE AVENUE TOWSON MD 21204	41	17	56		05056/00650 / N/A	RC 7
MD-BA- 119.000	08 - 0801089100	COLUMBIA GAS TRASMISSION CORPORATION	C/O TAX DEPT PO BOX 10146 FAIRFAX VA 22030-0146	42	13	54		01788/00548 / N/A	RC 4
MD-BA- 120.000	08 - 0819087720	CAROL SUE SUTTON	919 SHAWAN RD COCKEYSVILLE MD 21030-1308 13500 BEAVER DAM ROAD	42	13	50		15594/00436 / N/A	RC 4
MD-BA- 121.000	08 - 0806035400	DENNIS KEITH SUTTON SAINT MARY'S ORTHODOX CATHOLIC CHURCH	COCKEYSVILLE, MD 21030 ATTN: GEORGE PERDIKAKIS 911 SHAWAN RD COCKEYSVILLE MD	42	13	52		28535/00490 / N/A	RC 4
MD-BA- 122.000	08 - 2000000152	SAINT MARY'S ORTHODOX CATHOLIC CHURCH	909 SHAWAN RD HUNT VALLEY MD	42	13	471		06831/00589 / N/A	RC 4
MD-BA- 123.000	08 - 2300006869	HAYFIELD INC	21030-1308 ATTN: BRIAN KELBAUGH 701 HAYFIELDS ROAD COCKEYSVILLE, MD 21030	42	7	542		13690/00433 / A 0072/0003	RC 2
MD-BA- 123.000	08 - 2300006869	HAYFIELD INC	EC 28 ATTN: BRIAN KELBAUGH 701 HAYFIELDS ROAD COCKEYSVILLE, MD 21030	42	7	542		13690/00433 / A 0072/0003	RC 2
MD-BA- 123.000	08 - 2300006869	HAYFIELD INC	EC 29 ATTN: BRIAN KELBAUGH 701 HAYFIELDS ROAD COCKEYSVILLE, MD 21030	42	7	542		13690/00433 / A 0072/0003	RC 2
MD-BA- 124.000	08 - 2300006886	HAYFIELD INC	ATTN: BRIAN KELBAUGH 701 HAYFIELDS ROAD COCKEYSVILLE, MD 21030	42	7	542	0	13690/00433 / B 0072/0004	RC 2
MD-BA- 125.000	08 - 0812021150	PHILLIPS F LEE, III OPAL J LEE	314 WESTERN RUN RD COCKEYSVILLE MD 21030-1310	42	8	28		19873/ 00001 / N/A	RC 2
MD-BA- 126.000	08 - 2300007784	HAYFIELD INC	ATTN: BRIAN KELBAUGH 701 HAYFIELDS ROAD COCKEYSVILLE, MD 21030	42	2	26		N/A / D 0072/0034	RC 2
	1		EC 30 ATTN: BRIAN KELBAUGH	T	Τ	1			<u> </u>
MD-BA- 124.000	08 - 2300006886	HAYFIELD INC	701 HAYFIELDS ROAD COCKEYSVILLE, MD 21030 ATTN: BRIAN KELBAUGH	42	7	542	0	13690/00433 / B 0072/0004	RC 2
MD-BA- 126.000	08 - 2300007784	HAYFIELD INC	701 HAYFIELDS ROAD COCKEYSVILLE, MD 21030 C/O MD MASONIC HOMES	42	2	26		N/A / D 0072/0034	RC 2
MD-BA- 127.000	08 - 1900002500	GRAND LODGE OF ANCIENT FREE & ACCEPTED MASONS OF MARYLAND	ATTN: AMY LACOCK 500 CHESTERFIELD PARKWAY MALVERN, PA 19355-8707	42	8	27		N/A / 0047/0016	RC 6/OT
			EC 31	T	T	 			
MD-BA- 127.000	08 - 1900002500	GRAND LODGE OF ANCIENT FREE & ACCEPTED MASONS OF MARYLAND	C/O MD MASONIC HOMES ATTN: AMY LACOCK 500 CHESTERFIELD PARKWAY MALVERN, PA 19355-8707	42	8	27		N/A / 0047/0016	RC 6/OT
MD-BA-	1	KENNETH THOMAS BOSLEY	EC 32	T		T	T		T
128.000 MD-BA-	08 - 0802059171 08 - 2300010711	PHYLLIS BUNKER BOSLEY 2301 FALLSTON ROAD LLC	P O BX 585 SPARKS MD 21152-0585 7164 COLUMBIA GATEWAY DRIVE SUITE 230	42	3	341 358	0	03616/00196 / N/A 32267/ 00094 /	RC 6
129.000 MD-BA- 130.000	08 - 2400011875	GRACE HOMES INC	COLUMBIA, MD 21046 712 IVY HILL ROAD COCKEYSVILLE, MD 21030	42	3	35		0073/0022 12664/00745 / 0077/0196	RC 4
MD-BA- 131.000	08 - 2400011865	GRACE HOMES INC	712 IVY HILL ROAD COCKEYSVILLE, MD 21030	42	3	35	1	12664/00745 / 0077/0196	RC 4
			EC 33						
129.000	08 - 2300010711	2301 FALLSTON ROAD LLC	7164 COLUMBIA GATEWAY DRIVE SUITE 230 COLUMBIA, MD 21046	42	3	358	0	32267/ 00094 / 0073/0022	RC 6
MD-BA- 131.000	08 - 2400011865	GRACE HOMES INC	712 IVY HILL ROAD COCKEYSVILLE, MD 21030 ATTN: PAUL F WOODEN, JR.	42	3	35	1	12664/00745 / 0077/0196	RC 4
MD-BA- 132.000	08 - 1900002773	LOVETON LOT 10 LLC	42 LOVETON CIR SPARKS MD 21152- 9201 ATTN: KEVIN BAUER & STEPHEN	34	22	47	10	18928/00223 / 0047/0029	ML
MD-BA- 133.000	08 - 1900002772	FR LOVETON LLC C/O FIRST INDUSTRIAL REALTY TRUST	BIESCHKE 9700 PATUXENT WOODS DR #103 COLUMBIA MD 21046-1605 EC 34	34	22	47	9	23197/00466 / 4 0047/0029	ML.
MD-BA- 132.000	08 - 1900002773	LOVETON LOT 10 LLC	ATTN: PAUL F WOODEN, JR. 42 LOVETON CIR SPARKS MD 21152- 9201	34	22	47	10	18928/00223 / 0047/0029	ML
MD-BA- 133.000	08 - 1900002772	FR LOVETON LLC C/O FIRST INDUSTRIAL REALTY TRUST	ATTN: KEVIN BAUER & STEPHEN BIESCHKE 9700 PATUXENT WOODS DR #103 COLUMBIA MD 21046-1605	34	22	47	9	23197/00466 / 4 0047/0029	ML
MD-BA- 134.000	08 - 1900002787	BECTON DICKINSON AND COMPANY	ATTN FINANCE PO BOX 999 SPARKS MD 21152-0999	34	22	47	28	07555/00634 / 0047/0029	ML
135.000	08 - 2300005868	LOVETON INVESTORS LLC	ATTN: CHIP BENOFF 2560 LORD BALTIMORE DRIVE BALTIMORE MD 21244-2666	34	22	47	29	13741/00656 / 0071/0100	ML
136.000	08 - 2100013417	BECTON DICKINSON AND COMPANY	ATTN FINANCE PO BOX 999 SPARKS MD 21152-0999	34	22	47	29	00000/00000 / 0060/0123	ML
MD-BA-	08 - 2300005869	BT NEWYO LLC	ATTN TAX DEPT 55 GLENLAKE PKWY	34	22	47	30	19907/00404 /	ML

	DISTRICT - ACCOUNT #	OWNER	CONTACT ADDRESS	TAX MAP	GRID	PARCEL	LOT	DEED REFERENCE / PLAT REF.	ZONING
•			EC PLAN 26A						
MD-BA- 118.000	08 - 0802019031	BALTIMORE COUNTY MARYLAND	ATTN: BRIAN ADAMS, PAM JARRELL & SAM MORCHIENO ATTN: CHRIS MCCOLLUM, PAT SIMON, STEVEN WALSH 111 WEST CHESAPEAKE AVENUE TOWSON MD 21204	41	17	56		05056/00650 / N/A	RC 7
			EC PLAN 26B						
MD-BA- 118.000	08 - 0802019031	BALTIMORE COUNTY MARYLAND	ATTN: BRIAN ADAMS, PAM JARRELL & SAM MORCHIENO ATTN: CHRIS MCCOLLUM, PAT SIMON, STEVEN WALSH 111 WEST CHESAPEAKE AVENUE TOWSON MD 21204	41	17	56		05056/00650 / N/A	RC 7
			EC PLAN 26C						
MD-BA- 118.000	08 - 0802019031	BALTIMORE COUNTY MARYLAND	ATTN: BRIAN ADAMS, PAM JARRELL & SAM MORCHIENO ATTN: CHRIS MCCOLLUM, PAT SIMON, STEVEN WALSH 111 WEST CHESAPEAKE AVENUE TOWSON MD 21204	41	17	56		05056/00650 / N/A	RC 7
MD-BA- 118.200	08 - 0813026130	BALTIMORE COUNTY MARYLAND	OLD COURT HOUSE BALTIMORE MD 21204	41	17	49		14419/00380 / N/A	RC 7

REFER TO GRADING/EROSION AND SEDIMENT CONTROL PLAN DWG, NO. EC-26 THROUGH EC-34 FOR THE PROPERTY TRACT NUMBERS AND THE LOCATION OF INDIVIDUAL PROPERTIES.

R-1, 7-20-15 QC Baltimore County Soil Conservation District APPROVED FOR SEDIMENT CONTROL

7-20-15 DATE

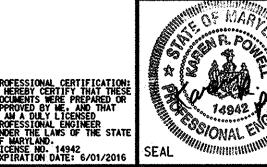
DESIGN & DRAWING BASED ON MARYLAND STATE COORDINATE SYSTEM - HORIZ: NAD 83 (ADJ. '07); VERT.: NAVD 88

BALTIMORE COUNTY PROPERTY OWNERS CHART

BALTIMORE & HARFORD COUNTIES, MARYLAND

PO-1.1 FOR COLUMBIA GAS TRANSMISSION, LLC LINE MB EXTENSION PROJECT - PHASE 2

SHEET 59 OF 61 KCI JOB NUMBER 16-121849





Columbia Gas Transmission A NiSource Company

	DATE			
NO.	DATE	DESCRIPTION	BY	JAN. 2015
1	JULY 2015	REVISED LOD TO REPLACE STAGING AREA #7 WITH	KP	SCALE
		STAGING AREA #7B, #7C, & #7D; RELOCATED PAVED		AS SHOWN
1. A	·	AR-0900; REVISED TSOS 30-9; ADDED NEW TRENCH		DESIGNED BY
		DRAIN: ADDED DBL-SIDED SFD DETAIL T-1.0. VIC-1.0.		CW
		EC-26, EC-26A, EC-26B, EC-26C, EC-27, EC-30,		DRAWN BY
		EC-52, ECN-1.0, ECD-1.06, PO-1.1		1
	-			₹ KP