













20", 067A SCALE: AS SHOWN 6/19/17 DRAWN: GOS CHECKED: DLH APPROVED: **NET** gai consultants

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PROJECT NO./DASH NO.

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TASK NO. SUB TASK NO.

GROUP ID DRAWING NO

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COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W.
CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC FROM 11-03-2014 THRU 11-07-2014.

STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.
EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.

ALL STATIONING SHOWN IS SLOPE STATIONING.

SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL

BEST IN CLASS (BIC) STEEP SLOPE CATEGORY INFORMATION CAN BE FOUND IN THE APPENDIX OF THE STORMWATER POLLUTION PREVENTION PLAN.

DECISION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPES BAND.

ACCESS ROADS HAVE BEEN GROUPED INTO FOUR CATEGORIES - 1) EXISTING ROADS NO IMPROVEMENTS, 2) EXISTING ROADS MINOR IMPROVEMENTS, 3) EXISTING ROADS MAJOR IMPROVEMENTS AND 4) NEW ROADS. APPROPRIATE EROSION AND SEDIMENT CONTROLS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2

HAVE ADEQUATE EXISTING DRAINAGE; DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4.

2. *ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED BMPS AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS DESCRIBED IN THE NOTES SECTION OF THE INDEX SHEET OF THIS

THE CONSTRUCTION RIGHT-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V A 5 FEDERAL ENERGY REGULATORY

THE CONSTRUCTION RIGHT-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.A.5 FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.A.5. IN ADDITION, WETLAND AND WATERBODY CROSSINGS WILL BE

4. THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.

THIS DRAWING WAS PRODUCED WITH COMPUTER AIDED DRAFTING TECHNOLOGY AND IS SUPPORTED BY ELECTRONIC DRAWING FILES. DO NOT REVISE THIS DRAWING VIA MANUAL DRAFTING METHODS.

CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED

TRENCH BREAKER/PLUG

WITH ENHANCED CONTROLS

STREAM CROSSING

SLOPE DIRECTION

CULVERT/ WATERBAR

PROPOSED TEMPORARY R.O.W. USFWS STREAM CROSSING WITH ENHANCED CONTROL

SEEP

TOPSOIL SEGREGATION AREA

UTILITY POLE

---- STORM SEWER

———— SAN———— SANITARY SEWER

PROPOSED GAS PIPELINE PROPOSED GAS PIPELINE (NO GROUND SURVEY)

OVERHEAD UTILITY LINES — EDGE OF GRAVEL

-G—— EXISTING GAS PIPELINE

——— ACCESS ROAD

UNDERGROUND ELECTRIC

PROPOSED PERMANENT EASEMENT

EXTRA WORK SPACE

WETLAND

AREA OF NO DISTURBANCE

COLOR SHOWN TO PROVIDE CLARITY ONLY)

NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE

E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).

 LIMIT OF DISTURBANCE **BELTED SILT RETENTION**

COMPOST FILTER SOCK SEDIMENT BARRIER

ORANGE SAFETY FENCE

TYPICAL BIC SLOPE CATEGORY

FENCE (BSRF)

IDENTIFICATION

ROADSIDE DITCH

C 111.001 CULVERT IDENTIFICATION

30-58% SLOPE INCLINATION













