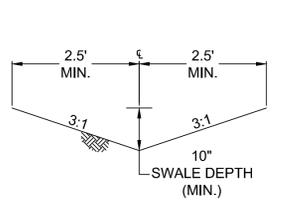
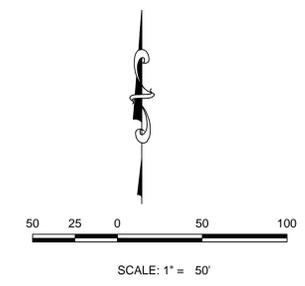
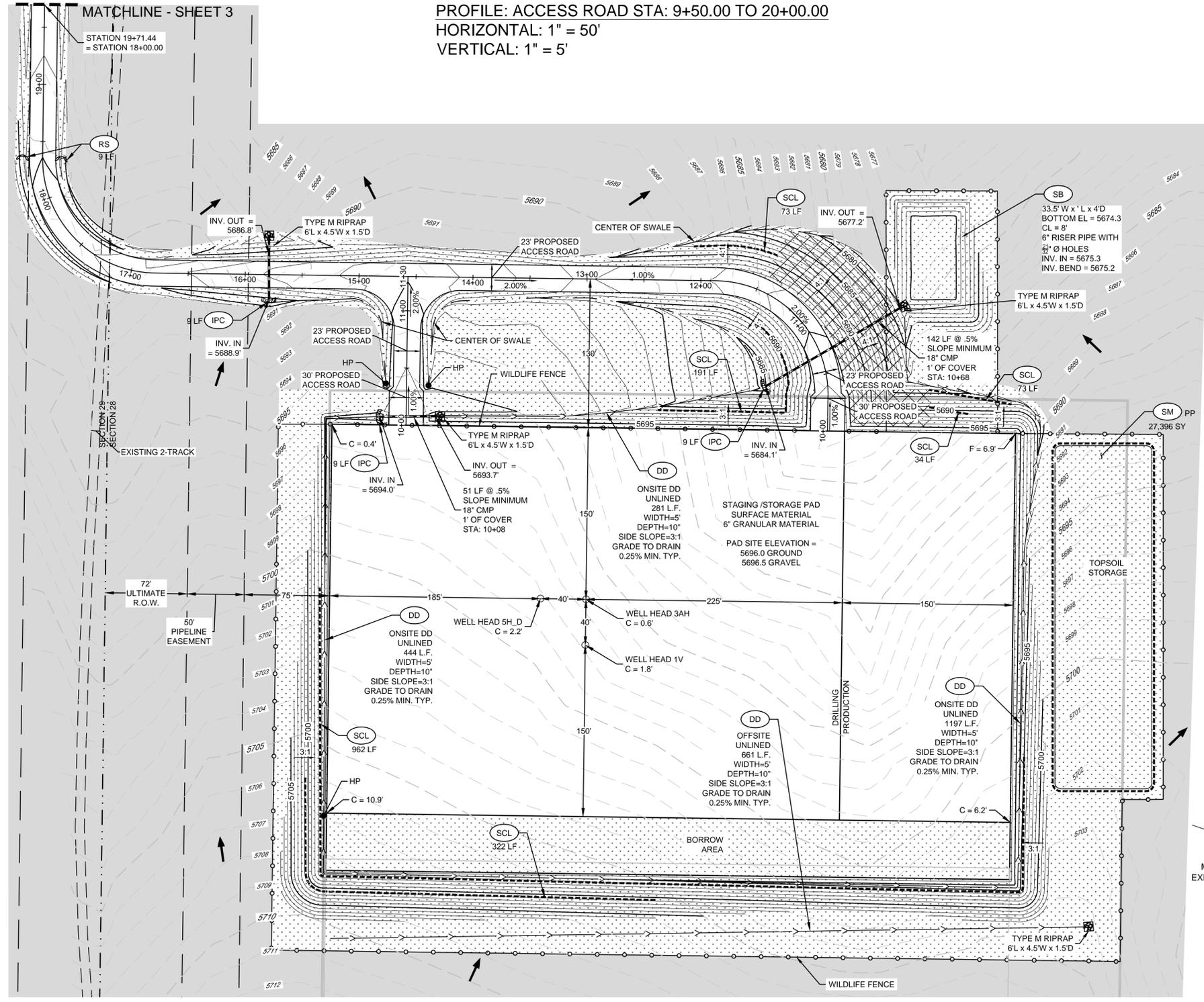


PROFILE: ACCESS ROAD STA: 9+50.00 TO 20+00.00
 HORIZONTAL: 1" = 50'
 VERTICAL: 1" = 5'



LEGEND			
HP	HIGH POINT ELEVATION	F = X.X'	FILL
SM	SEEDING AND MULCHING	C = X.X'	CUT
IPC	CULVERT INLET PROTECTION		
OP	OUTLET PROTECTION		
RS	ROCK SOCKS/WATTLES		
SF	SILT FENCE	X - X	
ECB	EROSION CONTROL BLANKET		
DD	DIVERSION DITCH		
SCL	SEDIMENT CONTROL LOG		
LOC	LIMITS OF CONSTRUCTION		
SB	SEDIMENT BASIN		
	EXISTING EASEMENT		
	PROPOSED EASEMENT		
	WILDLIFE FENCE		
	SECTION LINE		
	OVERHEAD POWER LINE		



SOILS:

USING THE US DEPARTMENT OF AGRICULTURE'S WEB SOIL SURVEY, TWO SOIL TYPES EXIST WITHIN THE PROJECT BOUNDARY, ADENA-COLBY SILT LOAMS, 1 TO 5 PERCENT SLOPES (AdC), AND TRUCKTON LOAMY SAND, 1 TO 5 PERCENT SLOPES (Tc). THE SOILS LISTED ABOVE FALL INTO THE HYDROLOGIC CLASSIFICATION GROUP B/C, WHICH HAS A SLOW TO MODERATE INFILTRATION RATE. THE K FACTOR DESCRIBES A SOIL'S SUSCEPTIBILITY FOR RILL AND SHEET EROSION POTENTIAL (RATED 0.02 TO 0.69); THE HIGHER THE VALUE THE MORE SUSCEPTIBLE THE SOIL IS TO EROSION. THIS PROJECTS AREA'S SOIL HAS AN AVERAGE K OF 0.26.

DEWATERING

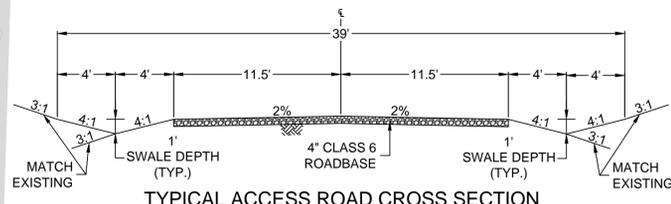
IF DEWATERING IS REQUIRED, A STATE CONSTRUCTION DEWATERING DISCHARGE PERMIT IS REQUIRED FOR DISCHARGES TO A STORM SEWER, CHANNEL, IRRIGATION DITCH, ANY STREET THAT IS TRIBUTARY TO THE MENTIONED FACILITIES, OR ANY WATER OF THE UNITED STATES.

SEDIMENT BASIN:

CALCULATIONS IN NARRATIVE AMENDMENTS TO APPROVED PLANS.
 DIVERSION DITCH CAPACITY: 2.39 CFS @ 0.25%

CITY OF AURORA NOTE:

2.03.5.01 CITY OF AURORA PLAN REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH CITY OF AURORA DESIGN CRITERIA AND THE CITY CODE. THE CITY IS ONLY RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. THE CITY OF AURORA, THROUGH THE APPROVAL OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.



- NOTES:**
- SEE THE STANDARD NOTES AND DETAILS IN FIELD WIDE REPORT, REVISED JANUARY 2010 (3 SHEETS) FOR ALL STANDARD DETAILS & CITY OF AURORA RULES AND REGULATIONS REGARDING STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES, NOTES AND LEGENDS OF BMP NAMES AND SYMBOLS.
 - QUANTITIES:
 EXISTING GRADE AT WELL HEAD 3AH = 5696.6'
 EXISTING GRADE AT WELL HEAD 5H_D = 5698.2'
 EXISTING GRADE AT WELL HEAD 1V = 5697.8'
 PAD SITE ELEVATION = 5696.0' (GROUND), 5696.5' (GRAVEL)
 CUT SLOPES = 3:1
 FILL SLOPES = 3:1
 PHASE 1 TOPSOIL = 6757 CY, 1313 CY PLACED AT 3" DEPTH ON PAD CUT/FILL SLOPES, 5444 CY STOCKPILED
 PHASE 1 TOTAL CUT = 32,341 CY (DOES NOT INCLUDE TOPSOIL, INCLUDES DD & SB)
 PHASE 1 TOTAL FILL = 26,897 CY (INCLUDES 10% ADJUSTMENT FOR COMPACTION)
 PHASE 1 GRAVEL BASE AT 6" DEPTH = 3777 CY
 PHASE 1 TOTAL DISTURBED AREA = 10.52 ACRES (INCLUDING ACCESS ROADWAY)
 PHASE 1 FENCED AREA = 9.25 ACRES
 PHASE 1 GRAVEL PAD AREA = 4.68 ACRES
 - ALL DIVERSION DITCHES ARE ANTICIPATED TO BE UNLINED.
 - ENSURE THAT THE PROVISIONS OF CRS 37-92-602, AS AMENDED BY SENATE BILL 15-212, REGARDING NOTIFICATION OF DOWNSTREAM WATER RIGHTS HOLDERS ARE UPHELD.

AREA OUTSIDE OF LIMITS OF CONSTRUCTION, LOC

10333 E. Dry Creek Rd. Suite 410 Englewood, CO 80150 Tel: (720) 482-9526 Fax: (720) 482-9546	 CIVIL ENGINEERING LAND SURVEYING
CONOCOPHILIPS COMPANY ATTN: MAXWELL BLAIR 34501 E. QUINCY AVE. WATKINS, CO. 80137 PHONE: (303) 269-9711	RUSH #4-65 29-30 PHASE 1 OIL & GAS WELLS NORTH OF YALE AVE AND EAST OF POWHATON ROAD PHASE 1 PAD SITE
SCALE: AS SHOWN	DATE: 01-30-17
DRAWN BY: KJD	FILE NO: 8.13.0201601
CHECKED BY: MEL	
DATE: 01-30-17	
SHEET NUMBER	2

PROJECT AREA IS FOUND ON FIRM PANEL XXXXXXXXX, DATED DECEMBER 17, 2010, AND IS LOCATED IN FLOOD ZONE X.

BENCH MARK
 COA BM 486517NE001, A 3 INCH DIAMETER BRASS CAP STAMPED (C.O.A. BM 23-50) ATOP THE N.E. CORNER CONC. BASE FOR POWER TOWER ON THE WEST SIDE OF POWHATON ROAD BEING THE 1ST POWER TOWER SOUTH OF THE W. 1/4 CORNER SECTION 4, T4S, R69W, AND BEING 125' SOUTH THEREOF. EL. = 5627.698, NAVD 1988

CALL 811
 TWO WORKING DAYS
 BEFORE YOU DIG
 UNCCC 1-800-922-1987
 CENTER OF COLORADO