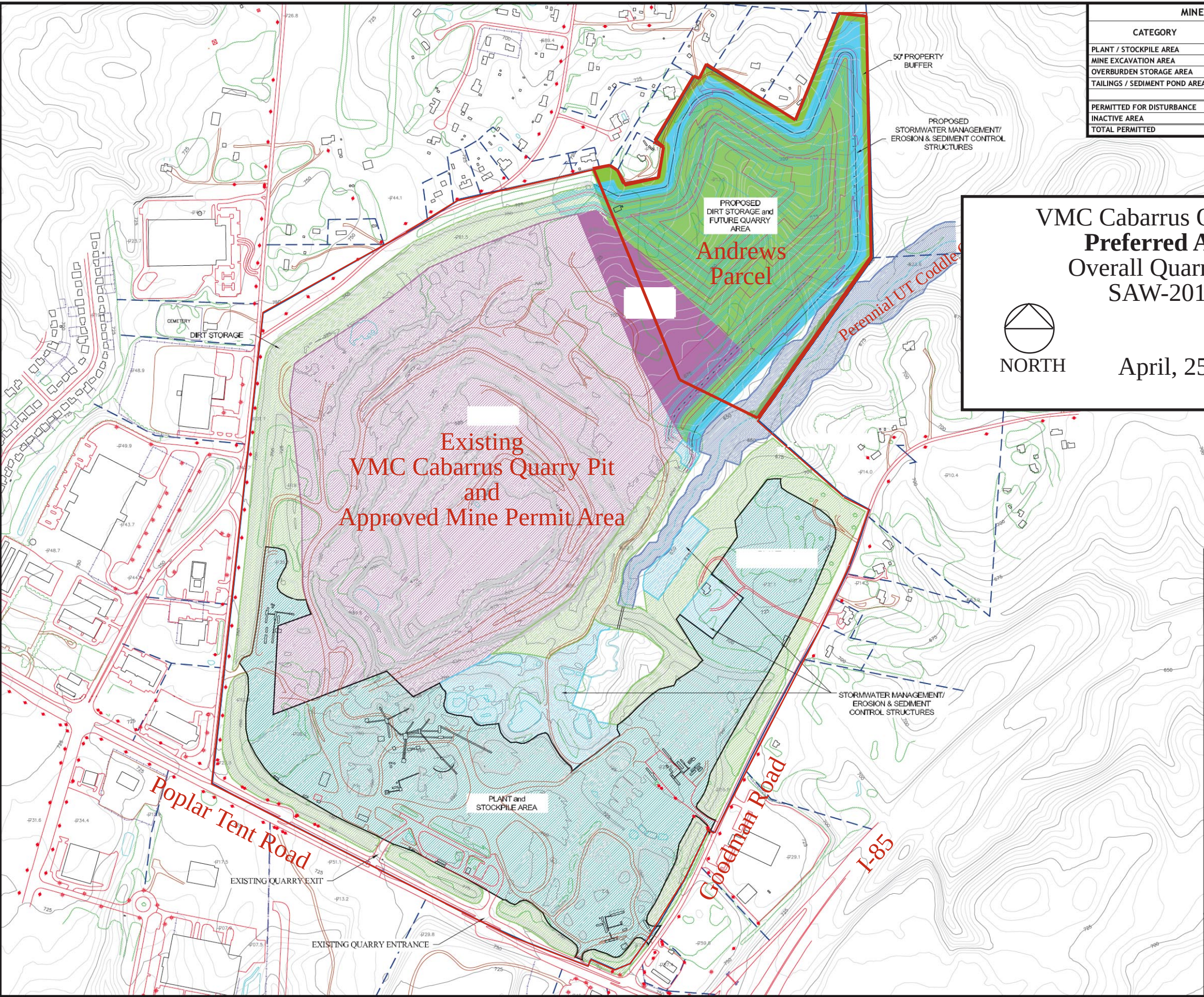




MINE PERMIT ACREAGE			
CATEGORY	EXISTING ACREAGE	PROPOSED MODIFICATION	TOTAL ACREAGE
PLANT / STOCKPILE AREA	97.23 Ac	0.00 Ac	97.23 Ac
MINE EXCAVATION AREA	131.89 Ac	13.47 Ac	145.36Ac
OVERBURDEN STORAGE AREA	62.00 Ac	41.07 Ac	103.07 Ac
TAILINGS / SEDIMENT POND AREA	17.07 Ac	11.41 Ac	28.48 Ac
PERMITTED FOR DISTURBANCE	308.19 Ac	65.95 Ac	374.14 Ac
INACTIVE AREA	38.48 Ac	1.02 Ac	39.50 Ac
TOTAL PERMITTED	346.67 Ac	66.97 Ac	413.64 Ac

VMC Cabarrus Quarry Andrews
Preferred Alternative
Overall Quarry Plan View
SAW-2016-01348



NORTH

April, 25, 2017



500'

LEGEND

	PERMIT AREA
	ADJACENT PROPERTY LINE PER TAX MAP
	UNDISTURBED BUFFER
	STREAM BUFFER
	EXISTING INDEX CONTOUR
	EXISTING INTERVAL CONTOUR
	SPOT ELEVATION
	WATER
	PAVED ROAD
	UNPAVED ROAD
	BUILDING
	FENCE
	TREES
	POLE

1. THIS DOCUMENT WAS PREPARED BY PHILIP BAILEY, PE.
2. PROPERTIES ARE BASED ON CABARRUS COUNTY GIS.
3. TOPOGRAPHIC DATA IS A COMPILATION OF AERIAL MAPPING FROM 2007 CABARRUS COUNTY DATA UPDATED WITH MAPPING OF THE CURRENT PERMIT AREA PREPARED BY TUCK MAPPING SOLUTIONS, DATED 10-26-13.

PLAN VIEW SCALE



CITY OF CONCORD, NORTH CAROLINA

PERMIT MODIFICATION
OPERATIONS PLAN

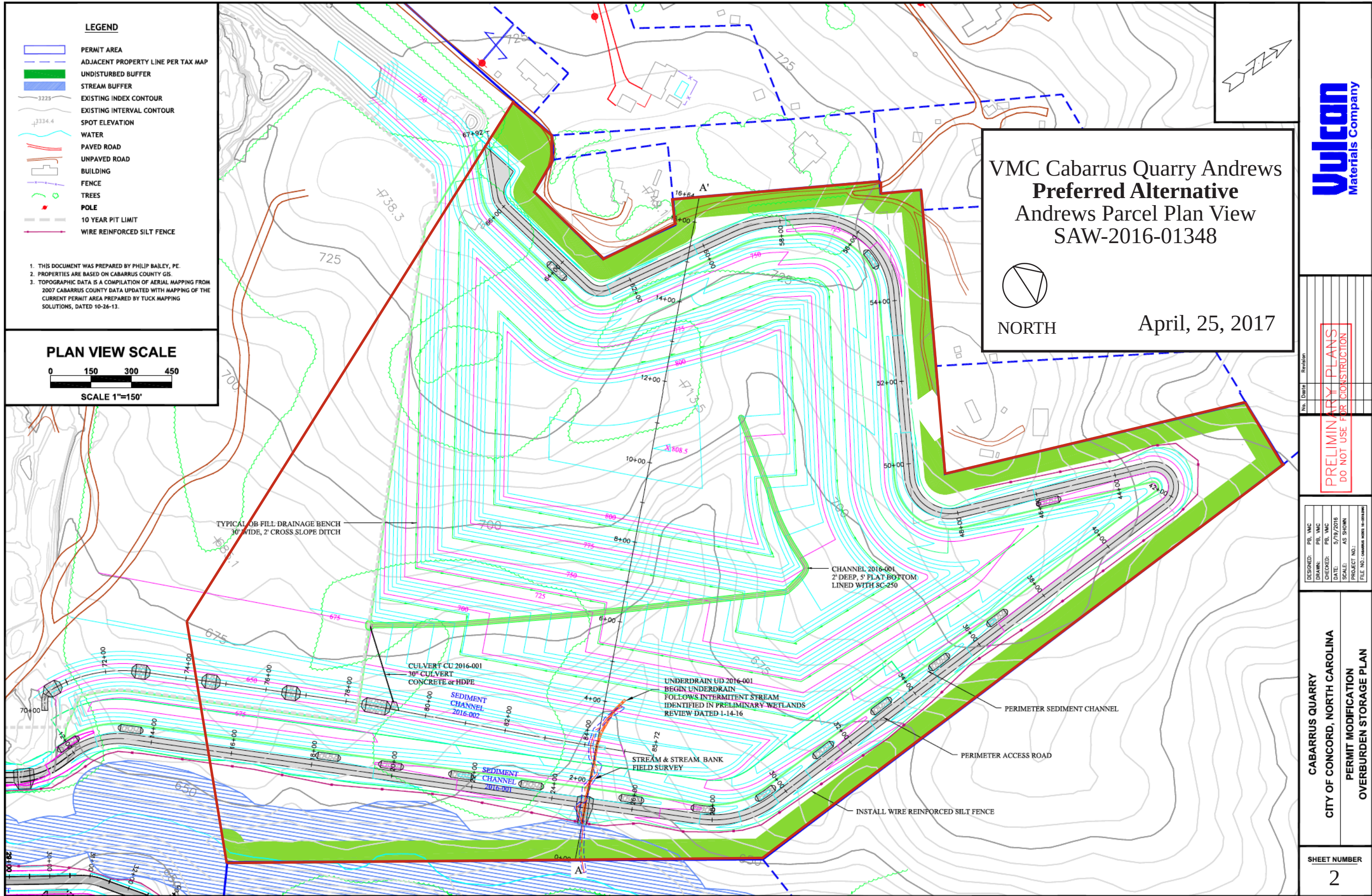


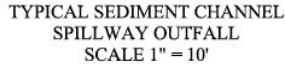
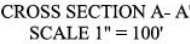
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

DESIGNED:	PHILIP BAILEY
DRAWN:	PHILIP BAILEY
CHECKED:	PHILIP BAILEY
DATE:	1/31/2016
SCALE:	AS SHOWN
PROJECT NO.:	
FILE NO.:	CABARRUS QUARRY 10-26-13

CABARRUS QUARRY

SHEET NUMBER
1





1. Clear enough area to install the wire reinforced silt fence and Sediment Channel 2016-003.
2. Install wire reinforced silt fence as shown on the plans.
3. Construct the Sediment Channel from Sta 19+00 to Sta 33+50.
4. Commence excavation and filling to bring the plant and stockpile area to grade.
5. Install Conveyance Channel 2016-002.
6. Install Conveyance Channel 2016-003.
7. As final slopes are completed, seed and mulch as per the approved Vegetation Plan.

April, 25, 2017



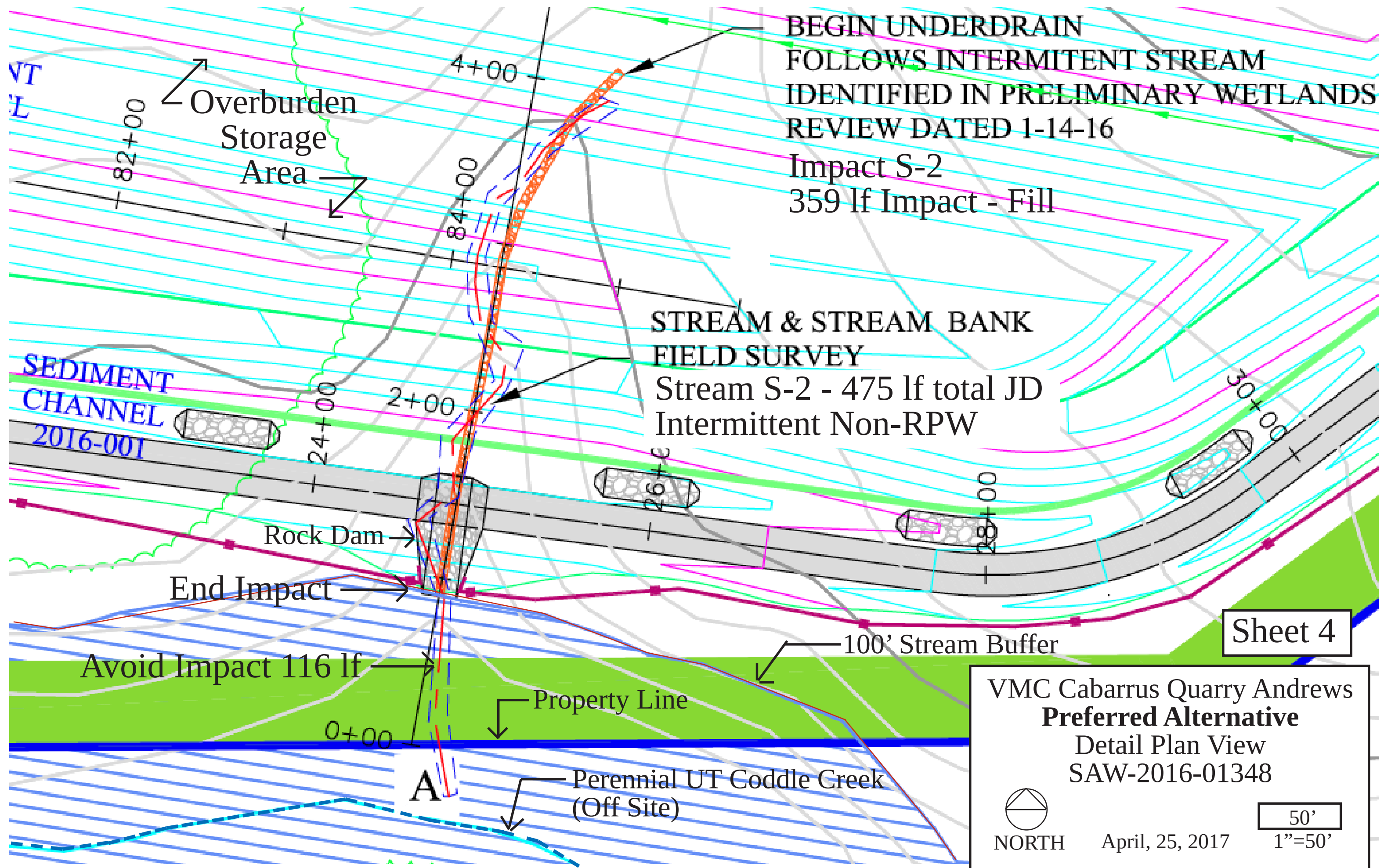
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

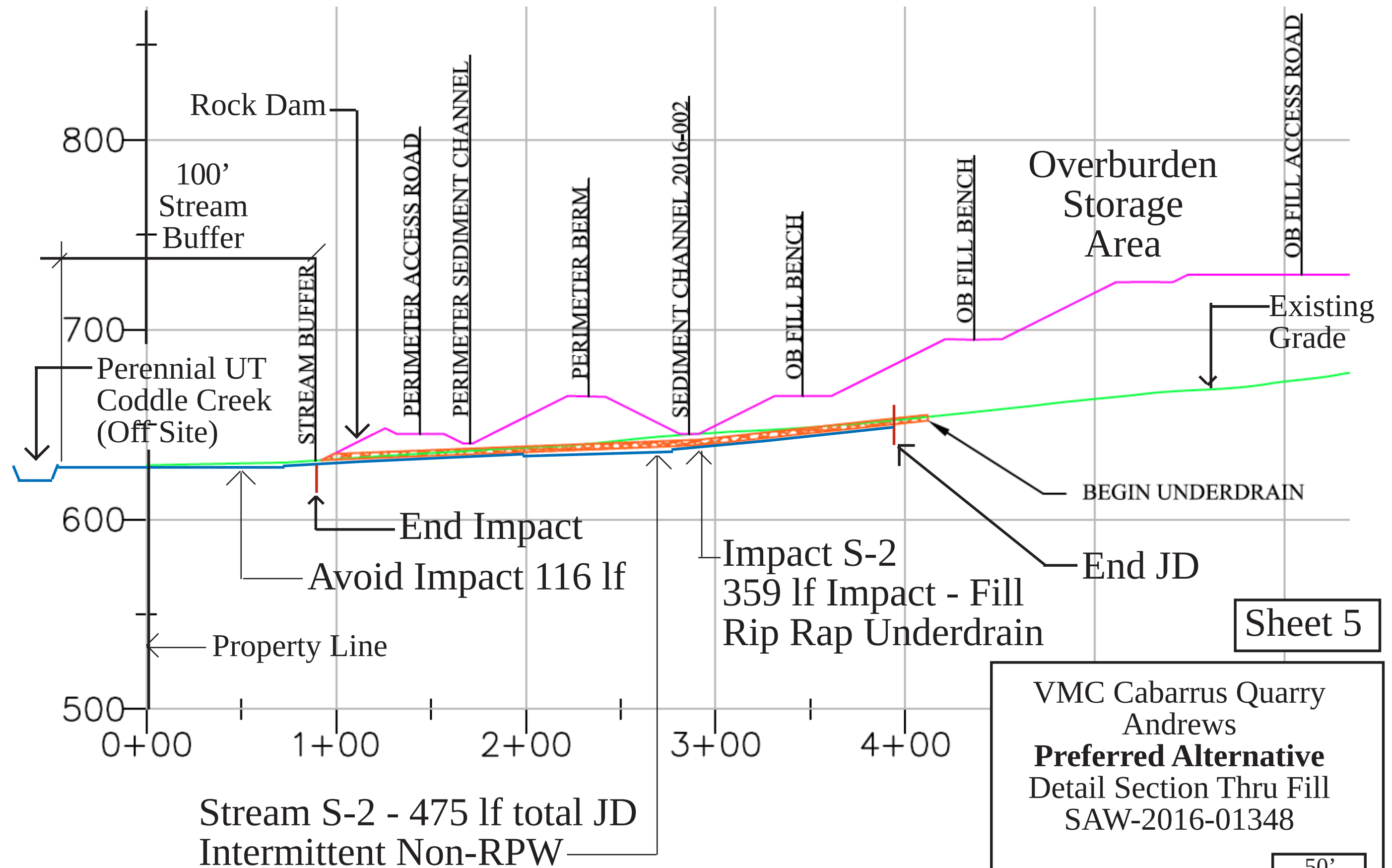
DESIGNED:	PB, VMC
DRAWN:	PB, VMC
CHECKED:	PB, VMC
DATE:	5/19/2016
SCALE:	AS SHOWN
PROJECT NO.:	
FILE NO.:	CAMARIUS MDC02 16-0019 (2ND)

CABARRUS QUARRY
CITY OF CONCORD, NORTH CAROLINA

SHEET NUMBER

3



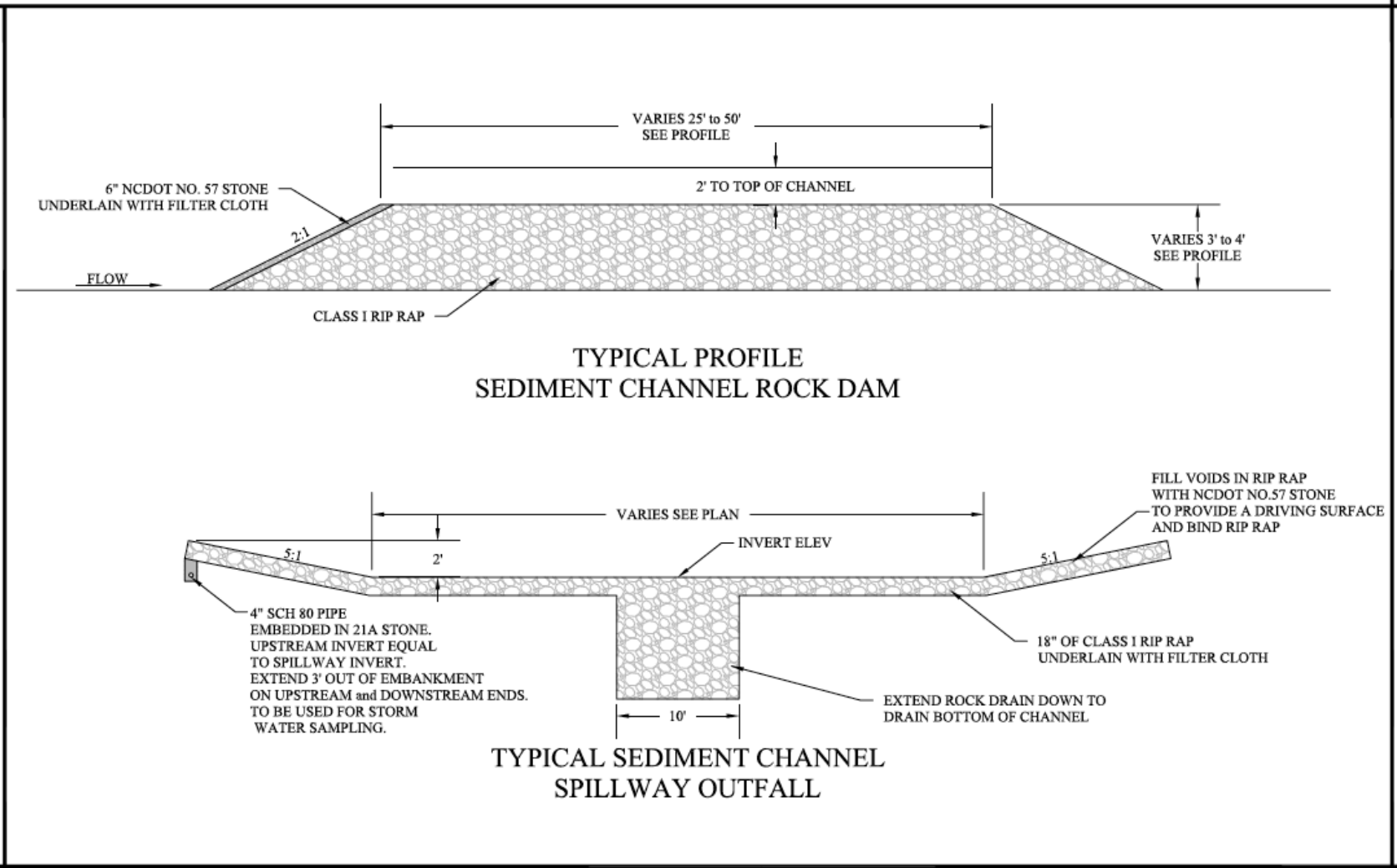
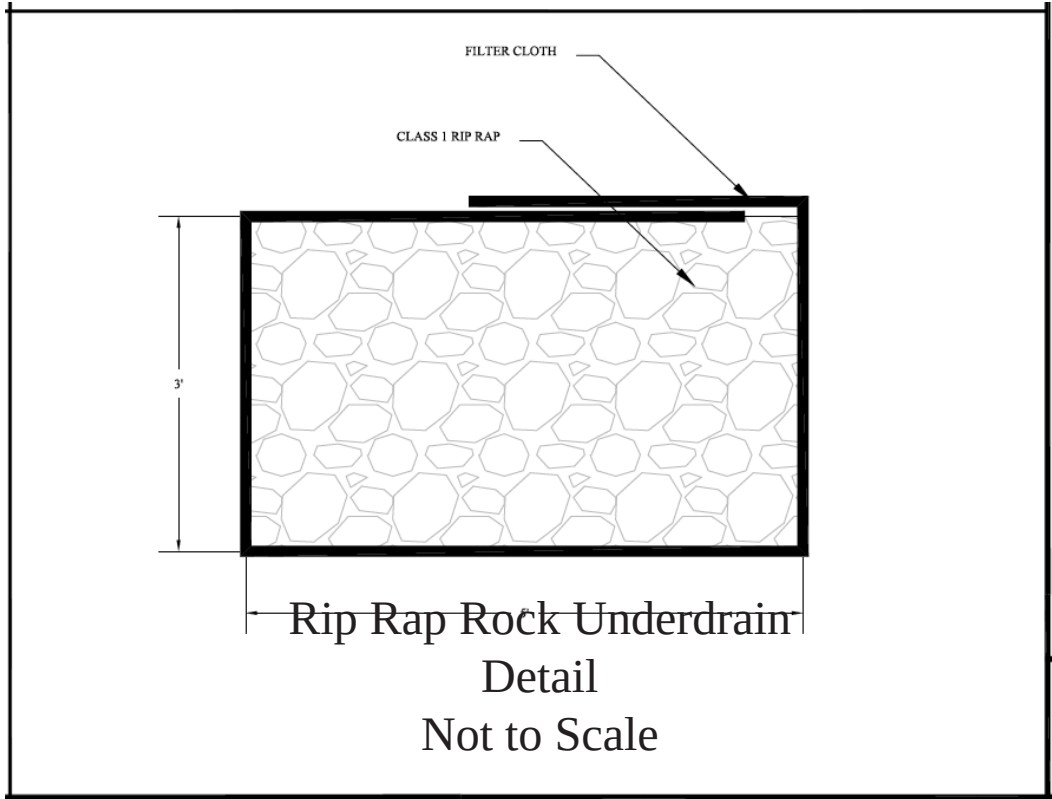


Sheet 5

VMC Cabarrus Quarry
Andrews
Preferred Alternative
Detail Section Thru Fill
SAW-2016-01348

April, 25, 2017

50'
1"=50'



Sheet 6

VMC Cabarrus Quarry Andrews
Preferred Alternative
Impact Details
SAW-2016-01348

Not to Scale
April, 25, 2017