LEGEND	
EXISTING PROPERTY LINE	
PROPOSED PROPERTY LINE	
EXISTING BUILDING	
PROPOSED BUILDING	
MINE PERIMETER	
PROPOSED SECURITY FENCE	x x x x
TEMPORARY DIVERSION DITCH	TD
TEMPORARY SILT FENCE	
PROPOSED ENERGY DISSIPATOR	
TEMPORARY CHECK DAM	
MINE HAUL ROAD	
DISTURBED AREA	
STONE OUTLET	
TEMP. SLOPE DRAIN	
STONE INLET PROTECTION	
S.D.O.	STORM DRAINAGE OUTLET

50' UNDISTURBED BUFFER

MATCHLINE–SHEET C301B

MATCHLINE–SHEET C301C

MINING LIMITS

TEMP. SEDIMENT FENCE (TYP.) SEE DETAIL 2/C501

SKIMMER BASIN #25/ MINE DEWATERING S.D.O. #25

POROUS BAFFLES (TYP)

SKIMMER BASIN #25	
BOTTOM ELEVATION:	630.30
WATER LEVEL ELEVATION:	633.30
TOP DAM ELEVATION:	634.80
TOP OF DAM WIDTH:	5'
WEIR LENGTH:	5'
MIN SURFACE AREA:	1,475 SQFT
MIN VOLUME:	3,057 CUFT
ORIFICE DIA:	1.00"
SKIMMER SIZE:	2.00"

5' WIDE SPILLWAY

STONE OUTLET (TYP.) SEE DETAIL 7/C502

FLOATING SKIMMER DEVICE

CLASS I RIP RAP 2'W x 6'L x 2'W 21" THICK

FES 5 INV.=630.50

CLASS I RIPRAP 3.75'W×10.5'L×14.25'W 27" THICK WITH NCDOT TYPE 2 FABRIC UNDERNEATH

H.P.

TEMPORARY DIVERSION DITCH (TYP.) SEE DETAIL 3/C502

STONE INLET PROTECTION

SILT BERM

70.00 LF OF 15" RCP

POROUS BAFFLES (TYP)

12' WIDE SPILLWAY

FLOATING SKIMMER DEVICE

FES 6 INV.=628.00

LIMITS OF DISTURBANCE

TEMPORARY DIVERSION DITCH (TYP.) SEE DETAIL 3/C502

STONE OUTLET (TYP.) SEE DETAIL 7/C502

SKIMMER BASIN #19/ S.D.O. #19

CLASS I RIP RAP 2'W x 6'L x 2'W 21" THICK

SKIMMER BASIN #19	
BOTTOM ELEVATION:	621.50
WATER LEVEL ELEVATION:	624.00
TOP DAM ELEVATION:	625.50
TOP OF DAM WIDTH:	5'
WEIR LENGTH:	12'
MIN SURFACE AREA:	3,960 SQFT
MIN VOLUME:	8,586 CUFT
ORIFICE DIA:	1.75"
SKIMMER SIZE:	1.50"

50' UNDISTURBED BUFFER

50' UNDISTURBED BUFFER

PID: 102747

POND

EXISTING DWELLING APPROX. LOCATION

640

630

30 0 30 60 90 120
1" = 60'

Date & Time: 4/9/2020 9:13 AM By: Sherrill, Brandon
Path: Y:\2190335-Snow Camp Mine\CAD\Civil\MXSD\DWGS\Snow Camp Plan Sheets.dwg

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NORTH CAROLINA REGISTERED PROFESSIONAL SEAL 22052 ENGINEER PAUL A. SIMPSON

4/9/20

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ALAMANCE AGGREGATES, LLC

Mr. Chad Threatt, VP

Snow Camp Mine

NO:	DATE:	DESCRIPTION:
1	3/31/20	NCDEMLR COMMENTS
REVISIONS		

PROJECT NUMBER: 2190335

DRAWN BY: KCG/ATC/BWS

REVIEWED BY: PAS

ISSUED FOR: CONSTRUCTION

DATE: 4/9/20

DRAWING NAME:

1"=60' SEDIMENTATION & EROSION CONTROL PLAN

DRAWING NUMBER:

C301D