

LINE TYPES AND SYMBOLS

- EXISTING ROAD
- PROPOSED STORM
- MINING LIMIT
- PERMIT BOUNDARY
- PROPERTY LINE
- 12FT INGRESS REGRESS EASEMENT
- 100'LCID BUFFER
- WETLAND LIMITS
- 100' WETLAND BUFFER
- HAUL ROAD
- APPROXIMATE AREA FOR TEST PIT
- EXISTING BUILDING

NUMBER	DIRECTION	DISTANCE	NUMBER	DIRECTION	DISTANCE
L2	S53°41'54"W	209.88'	L15	N89°25'46"W	75.77'
L3	S17°46'18"W	148.68'	L16	N78°46'20"W	84.28'
L4	S31°15'48"W	150.25'	L17	S71°37'02"W	98.89'
L5	S32°21'39"W	186.92'	L18	N81°20'28"W	276.78'
L6	S15°56'26"E	187.39'	L19	S08°26'44"W	329.00'
L7	S07°08'33"W	102.98'	L20	S79°03'16"E	190.00'
L8	S28°29'04"W	83.79'	L21	N22°56'44"E	347.32'
L9	S37°38'36"W	91.89'	L22	S32°01'52"E	335.38'
L10	S16°13'16"W	77.15'	L23	S83°31'56"W	315.29'
L11	S59°05'03"W	131.59'			
L12	S32°51'34"W	164.35'			
L13	S33°30'53"W	94.16'			
L14	S71°49'33"W	112.35'			



NOTES:

1. SURVEY DATA TAKEN FROM A SURVEY FOR B & C LANDS 5/12/94 DOWELL G. EAKES, RLS
2. TOPO DATA FROM NC GIS AND TOPG WITHIN THE MINE WAS SURVEYED BY RWK ON 8/29/08
3. TEST PITS ARE FOR WATER TABLE IS APPROXIMATELY 6FT BELOW GRADE IN THE NORTHERN AREAS OF SITE TEST PIT NUMBERS 8-12 AND 12FT BELOW GRADE IN SOUTHERN AREA OF SITE TEST PIT NUMBERS 1-7 REFERENCE NUMBER CAROLINA GEOLOGICAL SERVICES INC.
- *4. TAKEN FROM MINE PERMIT DRAWING

KEY

1. MINING PERMIT BOUNDARY*
2. MINING LIMITS*
3. PROPERTY LINE
4. 12' INGRESS REGRESS EASEMENT
5. 100' LCID BUFFER
6. EXISTING SOIL ROAD*
7. WETLAND LIMITS *
8. EXISTING 2 ACRE LCID *
9. 100' WETLAND BUFFER*
10. HAUL ROAD
11. BUILDING

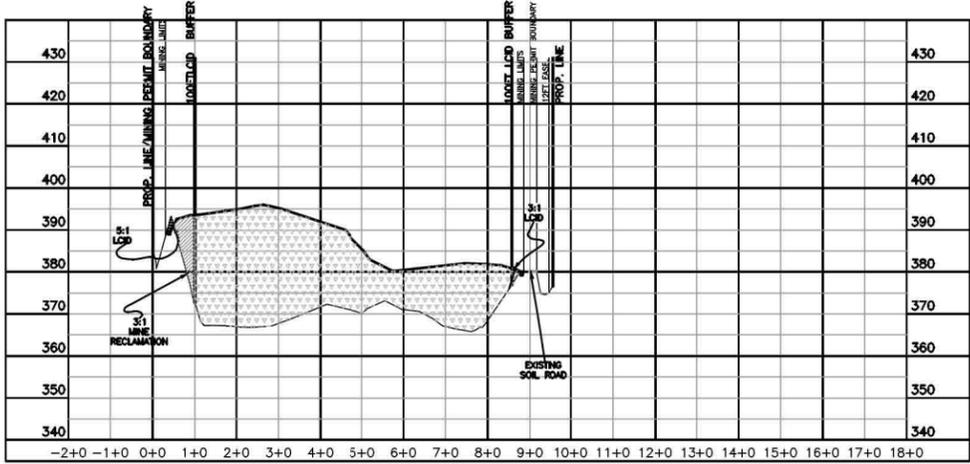
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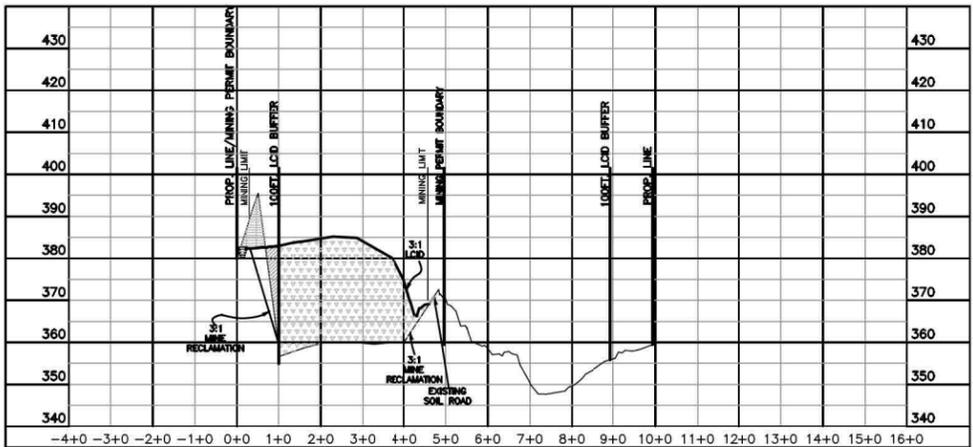
PROJECT: **WEEKS SAND PIT NUMBER 2 MINE**
P.O. BOX 687
CAMERON, NORTH CAROLINA

DATE: 2-5-2009
DRAWN BY: FR
CHKD BY: CRP

SHEET NUMBER: **EXISTING CONDITIONS C1**



SECTION AA



SECTION BB

SYMBOLS	
LCID	▽▽▽▽▽▽
FILL	//////
CUT	====
EXISTING GRADE	————
PROPOSED GRADE	————
MINE RECLAMATION	————

HORI. SCALE 1"=200'
 VERT. SCALE 1"=20'

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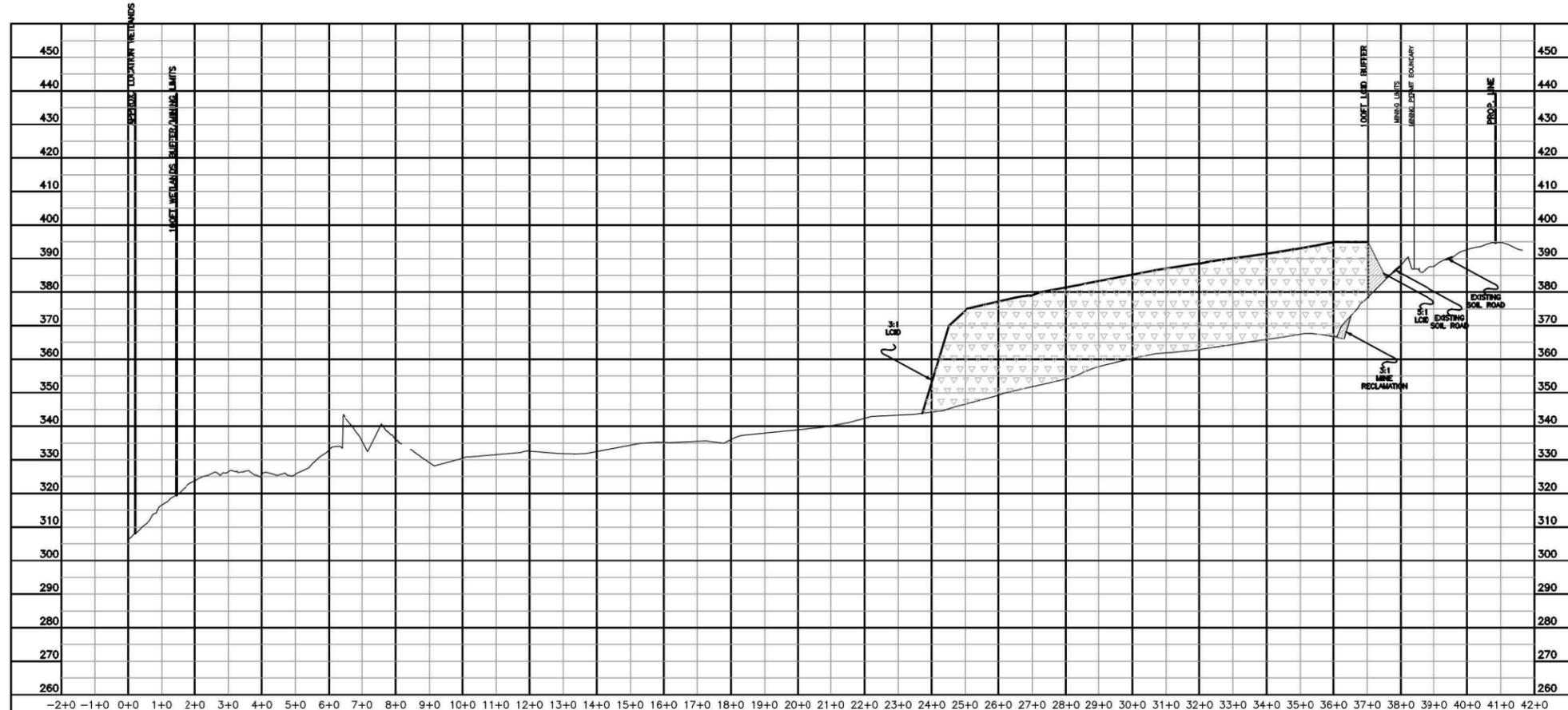
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PROJECT:	WEEKS SAND PIT NUMBER 2	
	P.O. BOX 687	
	CAMERON, NORTH CAROLINA	
PROJECT #:	SHEET NAME:	SHEET NUMBER
DATE: 11-25-08	PROFILES	C2.1
DRAWN BY: FR		
CHKD BY: CRP		

Ch R. PA



MARCH 11, 2009



SECTION B1B1

SYMBOLS	
LCID	
FILL	
CUT	
EXISTING GRADE	
PROPOSED GRADE	
MINE RECLAMATION	

HORL. SCALE 1"=200'
VERT. SCALE 1"=20'

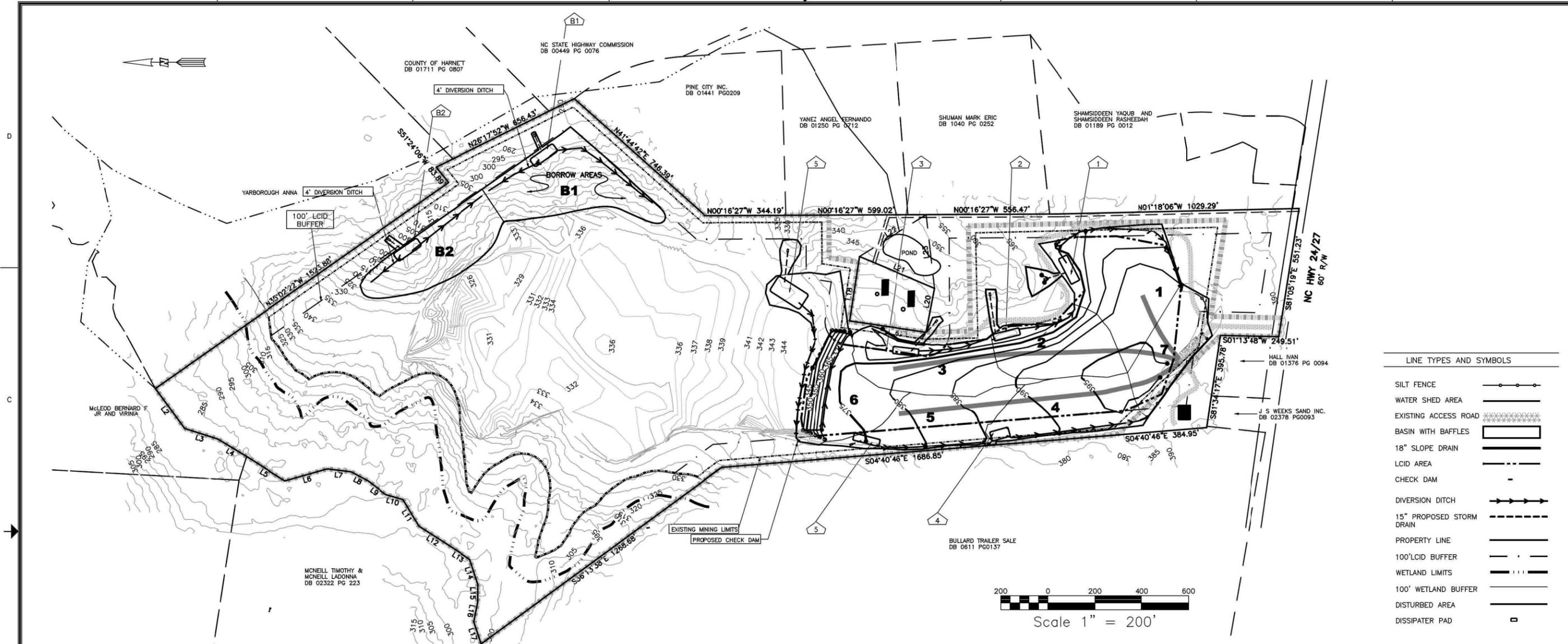
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	P.O. BOX 687	
	CAMERON, NORTH CAROLINA	
PROJECT #:	SHEET NAME:	SHEET NUMBER
DATE: 11-25-08	CROSS SECTION C2.2	
DRAWN BY: FR		
CHKD BY: CRP		

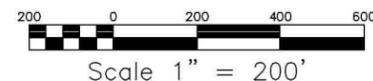
Ch R. PA

MARCH 11, 2009



LINE TYPES AND SYMBOLS

SILT FENCE	—○—○—○—
WATER SHED AREA	—
EXISTING ACCESS ROAD	—
BASIN WITH BAFFLES	—
18" SLOPE DRAIN	—
LCID AREA	—
CHECK DAM	—
DIVERSION DITCH	—
15" PROPOSED STORM DRAIN	—
PROPERTY LINE	—
100' LCID BUFFER	—
WETLAND LIMITS	—
100' WETLAND BUFFER	—
DISTURBED AREA	—
DISSIPATER PAD	—



TEMPORARY SEEDING SCHEDULE

SHOULDERS, SIDE DITCHES SLOPES (MAX. 3:1) WITH EXCEPTION OF THE GUN RAGE BURMS

DATE:	TYPE:	PLANTING RATE:
AUG. 15–NOV. 1	TALL FESCUE	300 LBS./ACRE
NOV. 1–MAR. 1	TALL FESCUE & ABRUZZI RYE	25 LBS./ACRE
MAR. 1–APR. 15	TALL FESCUE	300 LBS./ACRE
APR. 15–JUN. 30	HULLED COMMON BERMU DA	25 LBS./ACRE
JUL. 1–AUG. 15	TALL FESCUE AND ***BROWNTOP MILLET	35 LBS./ACRE
	***OR SORGHUM–SUDAN HYBRIDS	30 LBS./ACRE
SLOPES (3:1 TO 2:1)		
MAR. 1–JUNE 1	SERICEA LESPEDEZA (SCARIFIED)	50 LBS./ACRE
(MAR. 1–APR. 15)	ADD TALL FESCUE	120 LBS./ACRE
(MAR. 1–JUN. 30)	OR ADD WEEPING LOVEGRASS	10 LBS./ACRE
(MAR. 1–JUN. 30)	OR ADD HULLED COMMON BERMU DA GRASS	25 LBS./ACRE
JUN. 1–SEP. 1	***TALL FESCUE AND ***BROWNTOP MILLET	35 LBS./ACRE
	***OR SORGHUM–SUDAN HYBRIDS	30 LBS./ACRE
SEP. 1–MAR. 1	SERICEA LESPEDEZA (UNHULLED–UNSCARIFIED)	70 LBS./ACRE
(NOV. 1–MAR. 1)	AND TALL FESCUE	120 LBS./ACRE
	ADD ABRUZZI RYE	25 LBS./ACRE

MAINTENANCE NOTES:
DO NOT MOW. HERBACEOUS GRASSES WILL INITIALLY DOMINATE. TREE SEEDLINGS WILL EVENTUALLY TAKE OVER AREA. ALLOW TREE LEAVES TO REMAIN ON THIS AREA IN THE FALL – DO NOT RAKE.

SEED IS AVAILABLE FROM THE FOLLOWING VENDORS:
ERNST CONSERVATION SEEDS
9006 MERCER PIKE
MEADVILLE, PA 16335
PHONE: 1-800-873-3321
E-MAIL: ernstseeds@ernstseed.com

SHEFFIELD'S SEED CO.
269 AUBURN RD., ROUTE 34 LOCKE, NY 13092
PHONE: 1-315-497-1058
E-MAIL: seed@sheffields.com

PROJECT NARRATIVE:

THE PROJECT CONSISTS OF RECLAIMING APPROXIMATELY 25 ACRES OF EXISTING SAND MINE AND CONVERTING AN APPROXIMATE 18 ACRE AREA INTO A LAND CLEARING AND INERT DEBRIS (LCID) LAND FILL. THE PROJECT WILL BEGIN BY INSTALLING DIVERSION DITCHES AND SEDIMENT BASINS IN BORROW AREA 1 (B1) AND INSTALLING THE WEST TO EAST DIVERSION AND BASIN 6 AT THE NORTHEAST END OF THE LCID. INSTALL CONSTRUCTION ENTRANCE PER PLAN. THE PROJECT WILL THEN CONTINUE IN PHASES WHICH ARE DESIGNATED IN THE PLAN AS CELLS. CELL 1 WILL BE FILLED AND STABILIZED AND THE WORK WILL CONTINUE INTO CELL 2 AND SO FORTH:

CELL 1
MAKE SURE ALL RECLAIMED MINING SLOPES ARE AT 3:1 AS A MAXIMUM. WORK THE SITE EAST AND NORTH FROM THE ENTRANCE FILLING TO FINAL GRADE FIRST IN THE SOUTH AND CONTINUING NORTH. SLOPES FROM ENTRANCE SHOULD REMAIN DRIVEABLE. EXTEND AN ALL WEATHER ACCESS ROAD INTO WORKING FACE OF FILL AREA. AS CELL GETS CLOSE TO FINAL GRADE INSTALL SWALE AND BASIN 1 AND CONTINUE FILL OPERATION. DURING FILL DEBRIS NEEDS TO BE COVERED EVERY 30 DAYS OR WHEN IT REACHES 1 ACRE OF AREA. ALL SLOPES LEFT EXPOSED ARE TO BE COVERED, WITH MATERIAL FROM BORROW AREA 1 AS NECESSARY, WITHIN 21 CALENDAR DAYS. THE ALL SLOPES INTO EXISTING GRADE AT 3:1 SLOPE AT A MAXIMUM. AS AREAS OF CELL 1 REACH FINAL GRADE, PERMANENTLY SEED PER EROSION CONTROL PLAN AND REMOVE SEDIMENT CONTROL DEVICES AFTER PLANT MATERIAL HAS BEEN ESTABLISHED.

CELL 2
WORK IN CELL 2 SHOULD PROGRESS FROM CELL 1 AND TO EAST SIDE OF LANDFILL MAKING SURE ALL RECLAMATION SLOPES ARE 3:1 PRIOR TO PLACEMENT OF DEBRIS FILL. AS SOON AS PRACTICAL INSTALL THE SWALE AND SEDIMENT BASIN. BRING REMAINING SURFACE TO FINAL GRADE INCLUDING TIE IN WITH CELL 1. ALL SLOPES SHOULD BE TIED IN AT A 3:1 MAXIMUM PARTICULARLY ON THE WEST (MINE SIDE OF CELLS) FACE OF THE LANDFILL. ACCESS ROAD SHOULD EXTEND TO CELLS 1 AND 2 SHOULD BE MAINTAINED AT A MAXIMUM GRADE OF 10%. ONCE FINAL GRADE HAS BEEN REACHED AND COVERED STABILIZE PER EROSION CONTROL PLAN. CONTINUE TO COVER DEBRIS AFTER 30 DAYS OR IF 1 ACRE OF DEBRIS IS EXPOSED, WHICH EVER IS LESS. ALL SLOPES LEFT EXPOSED ARE TO BE COVERED WITHIN 21 CALENDAR DAYS. AS AREAS OF CELL 2 REACH FINAL GRADE, PERMANENTLY SEED PER EROSION CONTROL PLAN AND REMOVE SEDIMENT CONTROL DEVICES AFTER PLANT MATERIAL HAS BEEN ESTABLISHED.

AS NEEDED:
INSTALL DIVERSION DITCHES AND SEDIMENT BASIN IN BORROW AREA 2 (B2) AND FINAL GRADE B1. PERMANENTLY SEED PER EROSION CONTROL PLAN AND REMOVE SEDIMENT CONTROL DEVICES AFTER PLANT MATERIAL HAS BEEN ESTABLISHED AND SEED.

CELL 3
WORK INTO CELL 3 FROM ACCESS ROAD FROM CELLS 1 AND 2. FIRST RECLAIM ALL MINE SLOPES BACK TO 3:1 MAXIMUM AND CONTINUE FILLING AS SPECIFIED ABOVE. WEST SLOPE SHOULD BE GRADED AND COVERED WITH DIRT AT 3:1 MAXIMUM SLOPE BACK INTO MINE FLOOR. EXTEND THE ALL WEATHER ACCESS ROAD INTO WORKING FACE OF FILL AREA. ALL SLOPES LEFT EXPOSED ARE TO BE COVERED WITHIN 21 CALENDAR DAYS. INSTALL SWALE AND SEDIMENT BASIN AT EAST EDGE OF CELL AS SOON AS PRACTICAL. THE NORTH SLOPE SHOULD BE GRADED AND COVERED WITH DIRT AT 3:1 SLOPE. INSTALL SLOPE DRAIN TO FLOOR OF EXISTING MINE AND GRADE THE DIVERSION DITCH EAST ALONG THE TOP OF SLOPE TO DIVERT STORMWATER TO SLOPE DRAIN. AS AREAS OF CELL 3 REACH FINAL GRADE AND PERMANENTLY SEED PER EROSION CONTROL PLAN AND REMOVE SEDIMENT CONTROL DEVICES AFTER PLANT MATERIAL HAS BEEN ESTABLISHED.

CELL 4
MAKE SURE ALL RECLAIMED MINING SLOPES ARE AT 3:1 AS A MAXIMUM. WORK THE SITE NORTH AND WEST FROM THE ENTRANCE FILLING TO FINAL GRADE FIRST IN THE SOUTH AND CONTINUING NORTH. SLOPES FROM ENTRANCE SHOULD REMAIN DRIVEABLE. EXTEND AN ALL WEATHER ACCESS ROAD INTO WORKING FACE OF FILL AREA. AS CELL GETS CLOSE TO FINAL GRADE INSTALL SWALE AND BASIN 4 AND CONTINUE FILL OPERATION. GRADE TO NEEDED FINAL ELEVATIONS WITH CELL 1 ON EAST SIDE. DURING FILL DEBRIS NEEDS TO BE COVERED EVERY 30 DAYS OR WHEN IT REACHES 1 ACRE OF AREA. ALL SLOPES LEFT EXPOSED ARE TO BE COVERED, WITH MATERIAL FROM BORROW AREA 1 AS NECESSARY, WITHIN 21 CALENDAR DAYS. THE ALL SLOPES INTO EXISTING GRADE AT 3:1 SLOPE AT A MAXIMUM. AS AREAS OF CELL 4 REACH FINAL GRADE AND PERMANENTLY SEED PER EROSION CONTROL PLAN AND REMOVE SEDIMENT CONTROL DEVICES AFTER PLANT MATERIAL HAS BEEN ESTABLISHED.

CELL 5
WORK IN CELL 5 SHOULD PROGRESS FROM CELL 4 AND TO WEST SIDE OF LANDFILL MAKING SURE ALL RECLAMATION SLOPES ARE 3:1 PRIOR TO PLACEMENT OF DEBRIS FILL. AS SOON AS PRACTICAL INSTALL THE SWALE AND SEDIMENT BASIN. BRING REMAINING SURFACE TO FINAL GRADE INCLUDING TIE IN WITH CELL 2. ALL SLOPES SHOULD BE TIED IN AT A 3:1 MAXIMUM PARTICULARLY ON THE WEST (MINE SIDE OF CELLS) FACE OF THE LANDFILL. ACCESS ROAD SHOULD EXTEND THROUGH CELLS 4 AND INTO 3 SHOULD BE MAINTAINED AT A MAXIMUM GRADE OF 10%. ONCE FINAL GRADE HAS BEEN REACHED AND COVERED STABILIZE PER EROSION CONTROL PLAN. CONTINUE TO COVER DEBRIS AFTER 30 DAYS OR IF 1 ACRE OF DEBRIS IS EXPOSED, WHICH EVER IS LESS. ALL SLOPES LEFT EXPOSED ARE TO BE COVERED WITHIN 21 CALENDAR DAYS. AS AREAS OF CELL 5 REACH FINAL GRADE, PERMANENTLY SEED PER EROSION CONTROL PLAN AND REMOVE SEDIMENT CONTROL DEVICES AFTER PLANT MATERIAL HAS BEEN ESTABLISHED.

CELL 6
WORK INTO CELL 6 FROM ACCESS ROAD THROUGH CELLS 4 AND 5. FIRST RECLAIM ALL MINE SLOPES BACK TO 3:1 MAXIMUM AND CONTINUE FILLING AS SPECIFIED ABOVE. NORTH SLOPE SHOULD BE GRADED AND COVERED WITH DIRT AT 3:1 MAXIMUM SLOPE BACK INTO MINE FLOOR. EXTEND THE ALL WEATHER ACCESS ROAD INTO WORKING FACE OF FILL AREA. ALL SLOPES LEFT EXPOSED ARE TO BE COVERED WITHIN 21 CALENDAR DAYS. INSTALL SWALE AND SEDIMENT BASIN AT EAST EDGE OF CELL AS SOON AS PRACTICAL. THE NORTH SLOPE SHOULD BE GRADED AND COVERED WITH DIRT AT 3:1 SLOPE. INSTALL SLOPE DRAIN TO FLOOR OF EXISTING MINE AND GRADE THE DIVERSION DITCH WEST ALONG THE TOP OF SLOPE TO DIVERT STORMWATER TO SLOPE DRAIN. AS AREAS OF CELL 6 REACH FINAL GRADE, PERMANENTLY SEED PER EROSION CONTROL PLAN AND REMOVE SEDIMENT CONTROL DEVICES AFTER PLANT MATERIAL HAS BEEN ESTABLISHED.

SEDIMENT BASIN 6
WHEN ALL GRADING IS COMPLETE PERMANENTLY SEED PER EROSION CONTROL PLAN AFTER PLANT MATERIAL HAS BEEN ESTABLISHED REMOVE SEDIMENT CONTROL DEVICES IN BASIN 6 AND BORROW AREA 2. ESTABLISHED.

NOTE:
LCID CELLS DESIGNATED BY 1,2,3,4,5,6
BORROW AREAS DESIGNATED BY B1,B2
AREA DESIGNATED AS 7 IS MINE RECLAMATION AND TRANSITIONAL GRADING TO ORIGINAL GRADE

BASIN DATA

NUMBER	DRAINAGE AREA (AC)	REQUIRED BASIN SURFACE AREA (SF)	BASIN VOLUME (CF)	BASIN SIZE (LXWXD)	RISER ELEV.	INV IN	INV OUT	15" PIPE LENGTH	SKIMMER SIZE	ORIFICE DIAMETER	DISSIPATER PAD CLASS B RIP RAP (LXWXD)
1	4.634	4,814	8,342	100'X50'X2.5'	372.5'	370'	368'	83.49'	2.0'	1.5"	14'X16'X18"
2	2,853	2,964	5,135	100'X30'X2.5'	365.2'	363'	361.1'	164.71'	2.0'	1.0"	14'X16'X18"
3	3,221	3,346	5,798	140'X25'X2.5'	368.5'	366'	363'	159'	2.0'	1.5"	14'X16'X18"
4	3,070	3,190	5,527	100'X32'X2.5'	384.5'	382'	381'	20.97'	2.0'	1.0"	14'X16'X18"
5	2,714	2,819	4,884	100'X50'X2.5'	373.5'	371'	370'	37.85'	2.0'	1.5"	14'X16'X18"
6	21,053	21,869	8,208	200'X100'X2.5'	342.0'	339.5'	338.5'	128.32'	4.0'	2.5"	14'X16'X18"
B1	3,781	3,927	6,805	100'X40'X2.5'	300.2'	297.7'	294.5'	59.95'	2.0'	1.5"	14'X16'X18"
B2	3,017	3,135	5,431	100'X30'X2.5'	292.5'	290'	288.46'	58.65'	2.0'	1.5"	14'X16'X18"

CONSULT CONSERVATION ENGINEER OR SOIL CONSERVATION SERVICE FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUDATED AREAS. THE ABOVE VEGETATION RATES ARE THOSE WHICH DO WELL UNDER LOCAL CONDITIONS; OTHER SEEDING RATE COMBINATIONS ARE POSSIBLE.

***TEMPORARY – RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW OVER 12" IN HEIGHT BEFORE MOWING, OTHERWISE FESCUE MAY BE SHADED OUT.

PERMANENT SEEDING FOR CELLS 1 THROUGH 6 AND BORROW AREA

CHECK SOIL PH AND AMEND WITH LIME AS NEEDED.

PROVIDE TEMPORARY SEED OF ANNUAL RYEGRASS – LOLIUM MULTIFLORUM – AT A RATE OF 6 LBS PER ACRE TO ALL AREAS OF THE SITE THAT HAVE BEEN DISTURBED AND ARE AWAITING FINAL PLANTING.

PERMANENT SEEDING MIX – 30% ELYMUS VILLOSUS – SILKY WILD RYE, 26% ANDROPOGON GERARDI – BIG BLUESTEM, 14% ANDROPOGON SCOPARIUS – LITTLE BLUESTEM, 14% SORGHASTRUM NUTANS – INDIAN GRASS, 10% AGROSTIS PERENNANS – AUTUMN BENTGRASS, 6% PANICUM VIRGATUM – SWITCH GRASS (ERNST SEED ERNWX-177) APPLIED AT THE RATE OF 1 LBS / 1000 SF PLUS TREE SEED MIX OF: PINUS TAEDA – LOBLOLLY PINE – .01LB, QUERCUS PRINUS – CHESTNUT OAK – .01 LB, ACER RUBRUM – RED MAPLE – .01 LB, LIRODENDRON TULIPIFERA – POPLAR – .01 LB, JUNIPERUS VIRGINIANA – EASTERN RED CEDAR – .01 LB PER 1000 SF. TREE SEED TO BE MIXED AND HAND BROADCAST SEED AT A RATE OF 1 LBS / 1000 SF – 224 LBS SEED



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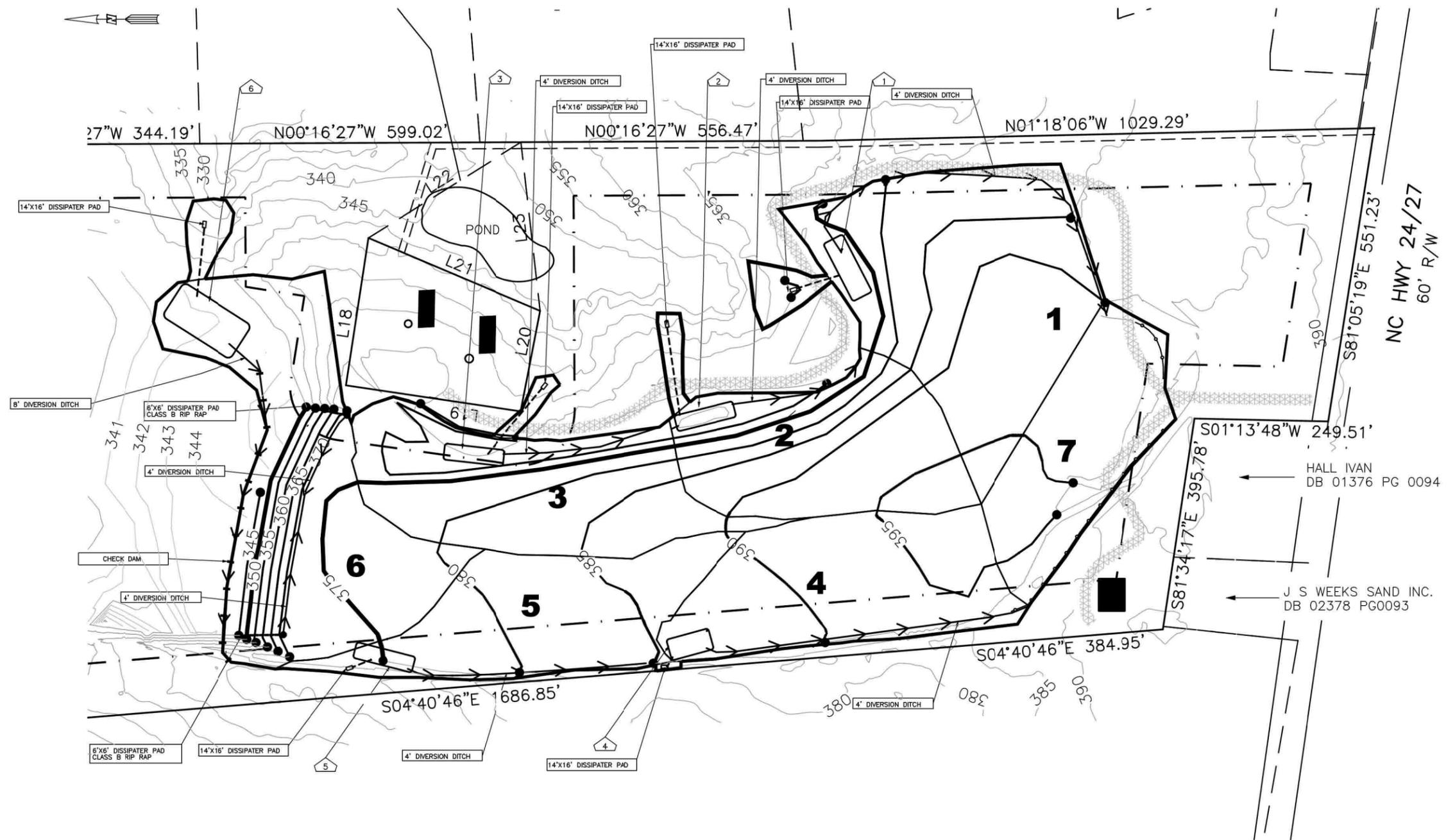
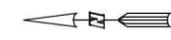
PROJECT: **WEEKS SAND PIT NUMBER 2
P.O. BOX 687
CAMERON, NORTH CAROLINA**

PROJECT #: _____ SHEET NAME: _____ SHEET NUMBER: _____

DATE: 2-5-09

DRAWN BY: FR **EROSION CONTROL**

CHKD BY: CRP **C3**

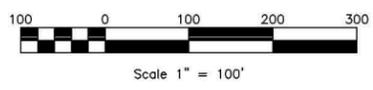


LINE TYPES AND SYMBOLS

- SILT FENCE
- WATER SHED AREA
- EXISTING ACCESS ROAD
- PROPOSED BASIN
- 18" SLOPE DRAIN
- LCID AREA
- CHECK DAM
- DIVERSION DITCH
- 15" PROPOSED STORM DRAIN
- PROPERTY LINE
- 100' LCID BUFFER
- WETLAND LIMITS
- 100' WETLAND BUFFER
- DISTURBED AREA
- DISSIPATER PAD

BASIN DATA													
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NOTE:
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 BORROW AREAS DESIGNATED BY B1,B2
 AREA DESIGNATED AS 7 IS MINE RECLAMATION AND TRANSITIONAL GRADING TO ORIGINAL GRADE



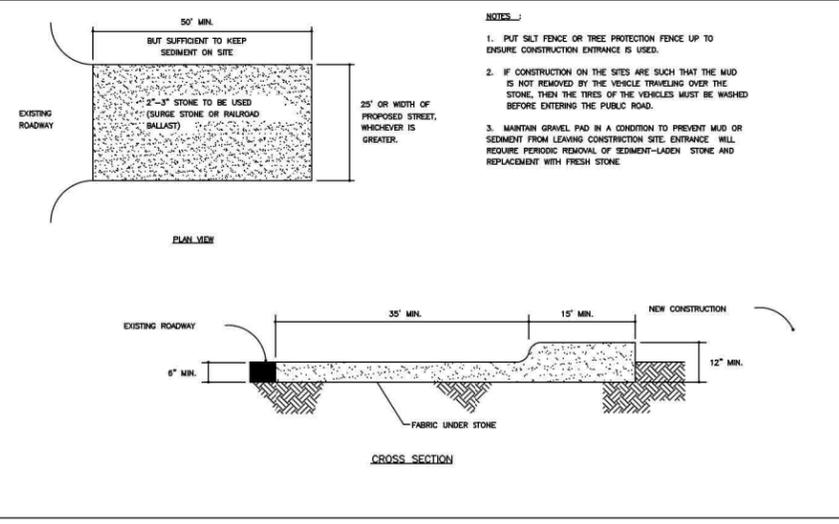
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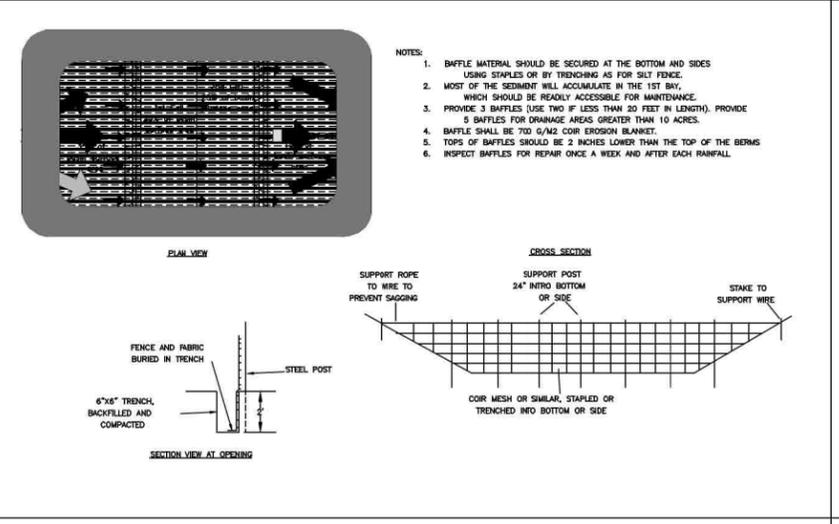
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CAMERON, NORTH CAROLINA

PROJECT #: DATE: 2-5-09 DRAWN BY: FR CHKD BY: CRP

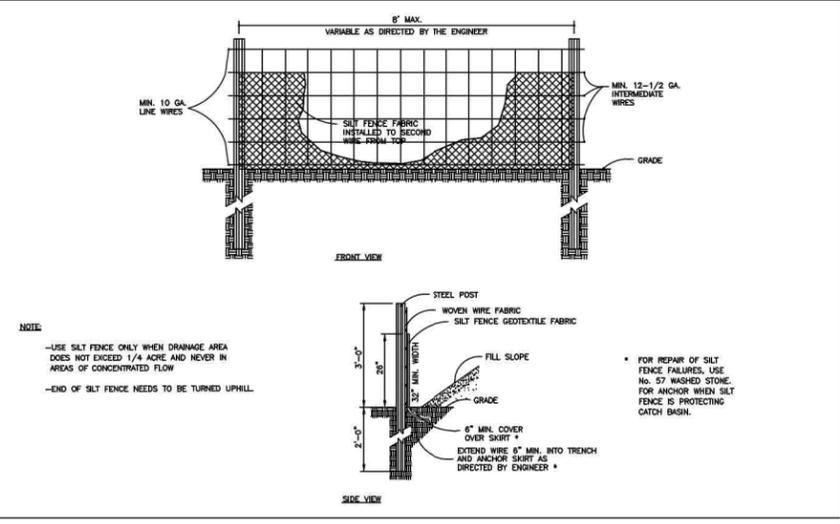
SHEET NAME: SHEET NUMBER
LCID EROSION CONTROL C3.1



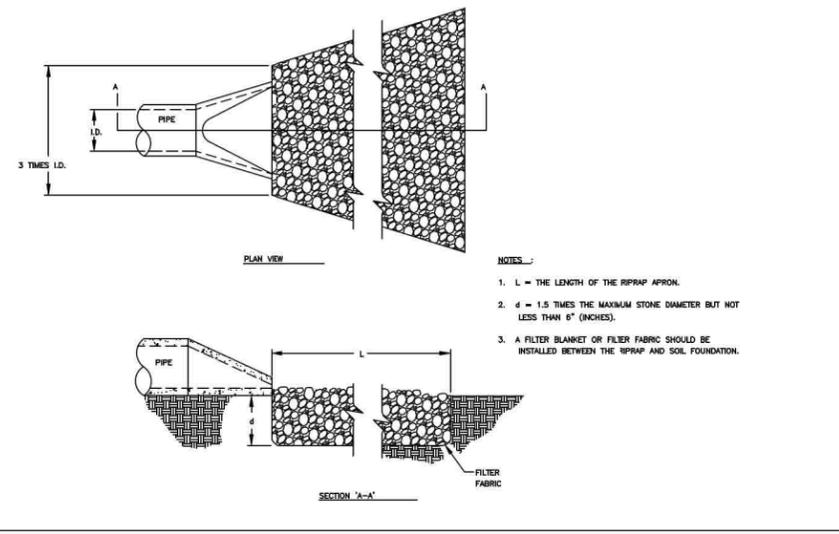
STANDARD CONSTRUCTION ENTRANCE



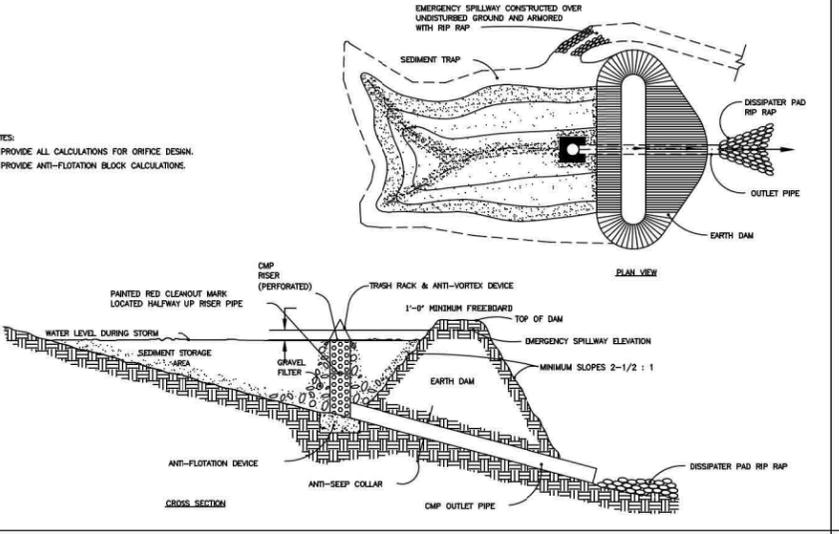
STANDARD BAFFLES DETAIL



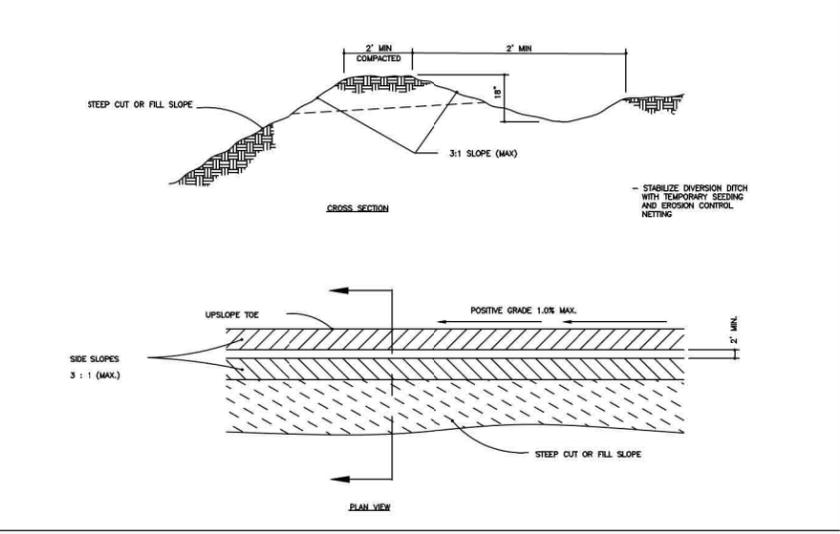
STANDARD TEMPORARY SILT FENCE



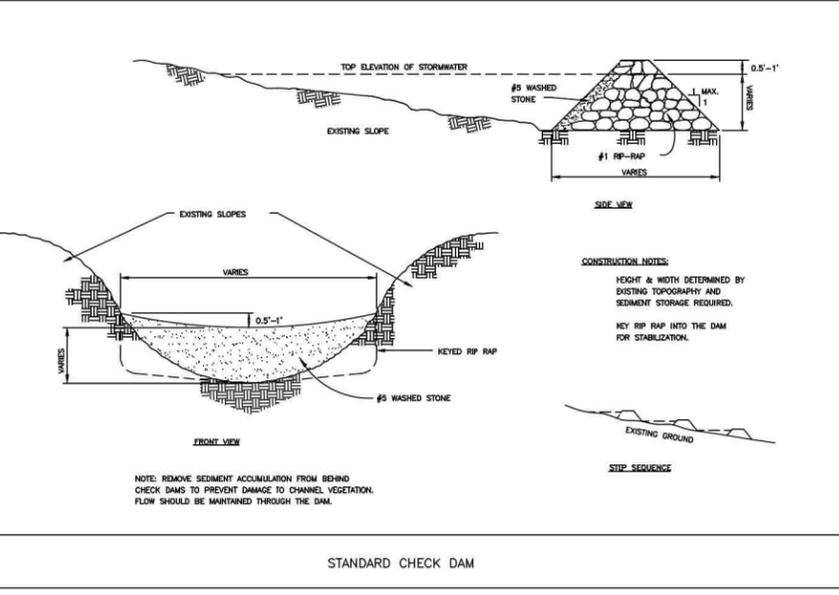
STANDARD PIPE OUTLET TO FLAT AREA NO WELL-DEFINED CHANNEL



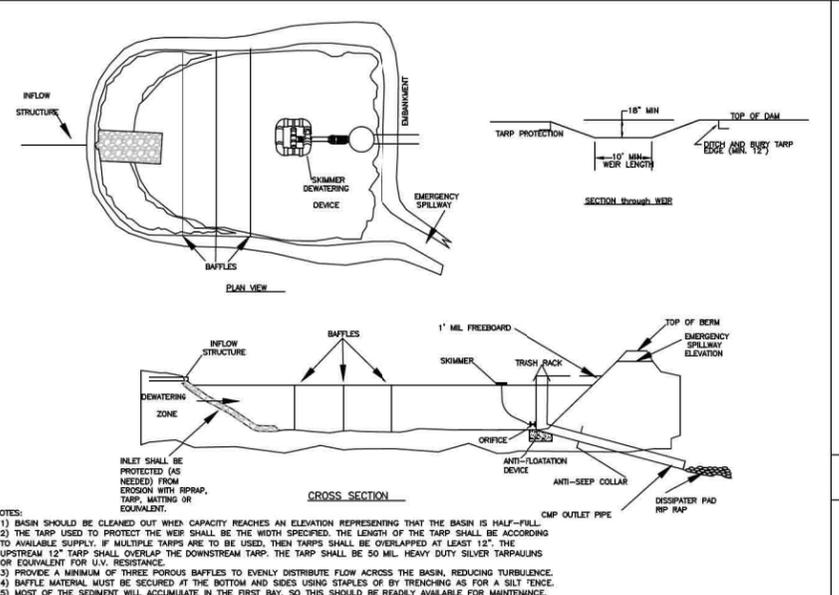
STANDARD RISER-BARREL SEDIMENT BASIN



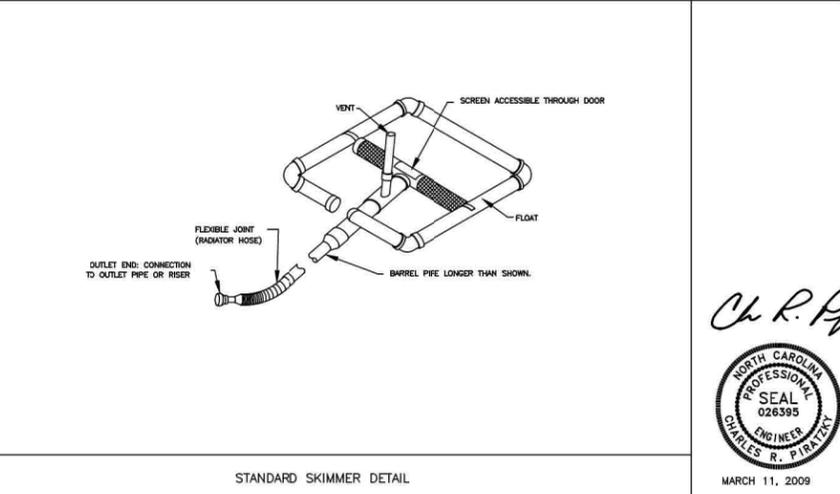
DIVERSION DITCH



STANDARD CHECK DAM



STANDARD SKIMMER ATTACHED TO PERMANENT RISER



STANDARD SKIMMER DETAIL

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PROJECT: **WEEKS SAND PIT NUMBER 2**
P.O. BOX 687
CAMERON, NORTH CAROLINA

PROJECT #: _____ SHEET NAME: **EROSION CONTROL DETAILS** SHEET NUMBER: **D1**

DATE: 2-5-09

DRAWN BY: FR

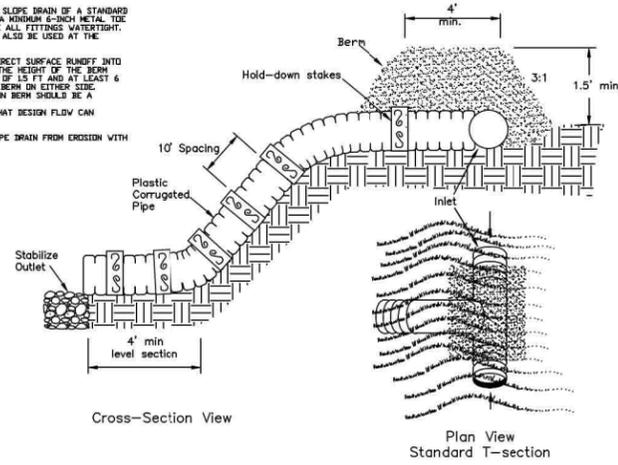
CHKD BY: CRP

MARCH 11, 2009



NOTES:

1. CONSTRUCT THE ENTRANCE TO THE SLOPE DRAIN OF A STANDARD FLARE-END SECTION OF PIPE WITH A MINIMUM 8-INCH METAL TIE PLATE. CROSS-SECTION VIEW. MAKE ALL FITTINGS WATER-TIGHT. A STANDARD T-SECTION FITTING MAY ALSO BE USED AT THE INLET.
2. USE AN EARTHEN DIVERSION TO DIRECT SURFACE RUNOFF INTO THE TEMPORARY SLOPE DRAIN. MAKE THE HEIGHT OF THE BERM OVER THE DRAIN CONDUIT A MINIMUM OF 1.5 FT AND AT LEAST 6 INCHES HIGHER THAN THE ADJOINING BERM ON EITHER SIDE. THE LOWEST POINT OF THE DIVERSION BERM SHOULD BE A MINIMUM OF 1 FT ABOVE THE TOP OF THE DRAIN SO THAT DESIGN FLOW CAN FREELY ENTER THE PIPE.
3. PROTECT THE OUTLET OF THE SLOPE DRAIN FROM EROSION WITH RIPRAP DISSIPATER.

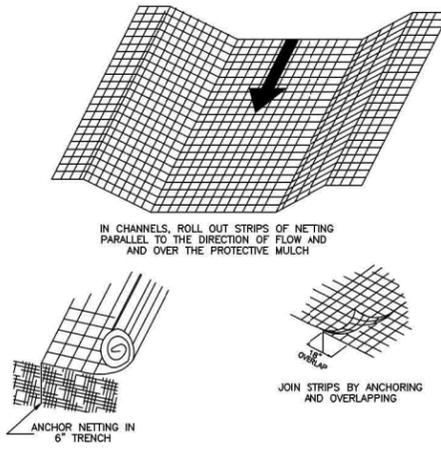


Cross-Section View

Plan View Standard T-section

STANDARD TEMPORARY SLOPE DRAIN

INSTALLATION OF NETTING AND MATTING



TEMPORARY MATTING INSTALLATION
RWK-006

NORTH AMERICAN GREEN SC150/ 24 MONTHS

Ch R. PA



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