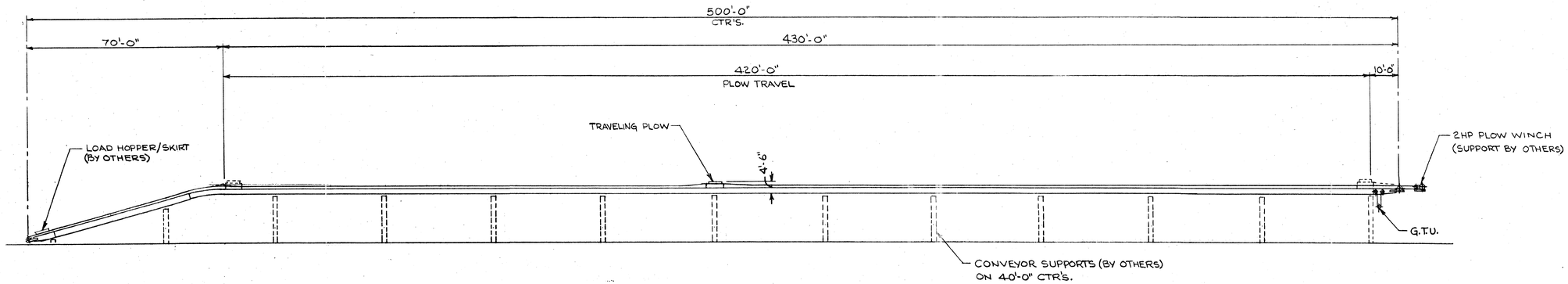
1906Map2000 - Batch No.___

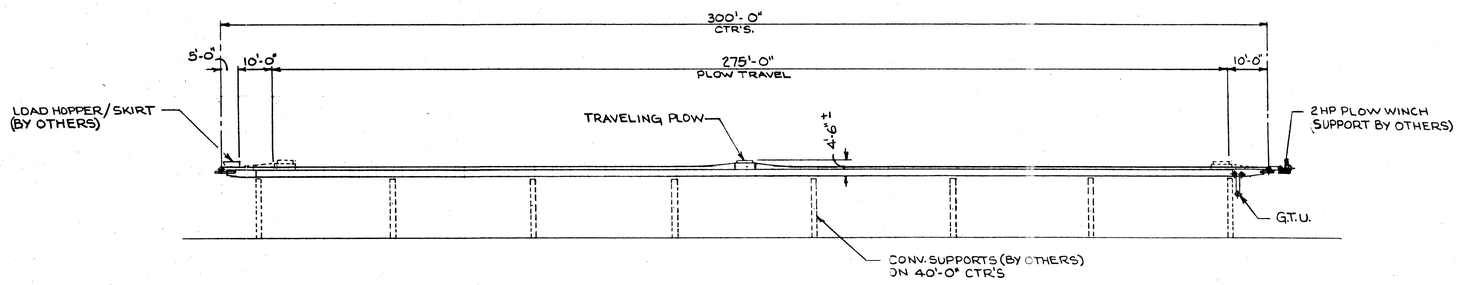
1906 2000
Map

CHATHAM Co. 2000-Map

NO.	QTY.	DESCRIPTION	P.O.



ELEVATION
30"W.x 500'-0" CTR'S. CONV.



ELEVATION
30" W. X 300'-0" CTR'S. CONV.

MAT'L ; COMPOST @ 56 PCF
CAPACITY; 150 TPH
CONV. SPEED ; 200 FPM
PLOW TRAVEL ; 35 FPM

WOLF & ASSOC., INC.
OCT 25 2000
RECEIVED

PRELIMINARY
NOT FOR CONSTRUCTION

PORTER EQUIPMENT SALES
144 S. Parliament Dr.
Virginia Beach, VA 23462
(757) 456-1175

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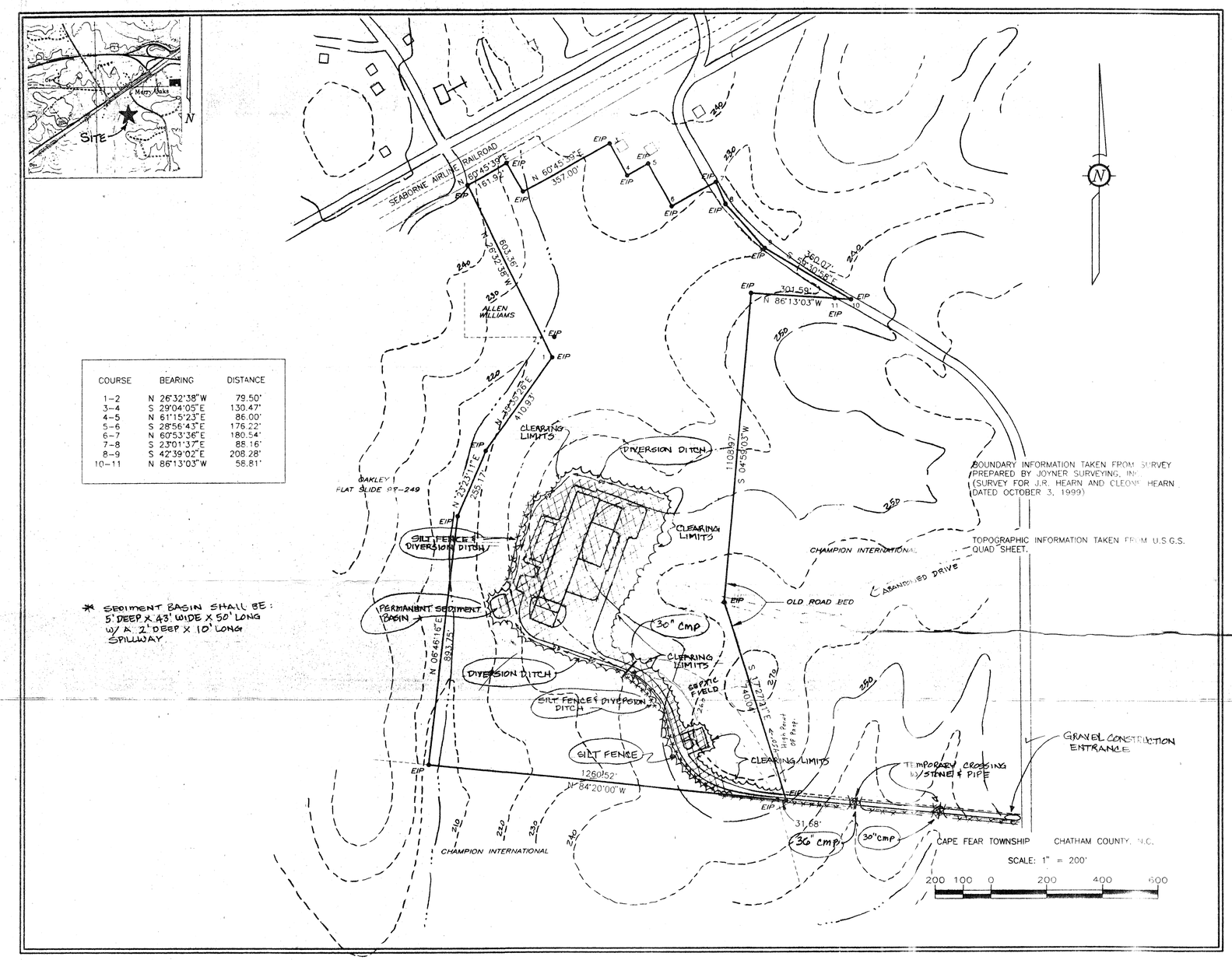
FABRICATION TOLERANCES UNLESS NOTED	NO.	DATE	REVISION	BY
FRACTIONS ±1/16" DECIMAL ±.010" ANGULAR ±1/2°	A	10-25-00	PROPOSAL	

Wolf and Associates, Inc.
MATERIALS HANDLING SYSTEMS
4860 Mustang Circle, St. Paul, MN 55112
(612) 780-4550

CUSTOMER: PORTER EQUIPMENT
USER: VIRGINIA CITY, VA
MCGILL ENVIROMENTAL
DESCRIPTION: G.A. COMPOST CONVEYORS

DESIGNED BY	DATE	SCALE: 1" = 20'-0"
DRAWN BY D. MONSRUD	DATE 10-25-00	PROPOSAL No. Q10029
CHECKED BY	DATE	JOB No.
APPROVED BY	DRAWING No. Q10029-G1	REV. A

19-06



COURSE	BEARING	DISTANCE
1–2	N 26°32'38"W	79.50'
3–4	S 29°04'05"E	130.47'
4–5	N 61°15'23"E	86.00'
5–6	S 28°56'43"E	176.22'
6–7	N 60°53'36"E	180.54'
7–8	S 23°01'37"E	88.16'
8–9	S 42°39'02"E	208.28'
10–11	N 86°13'03"W	58.81'

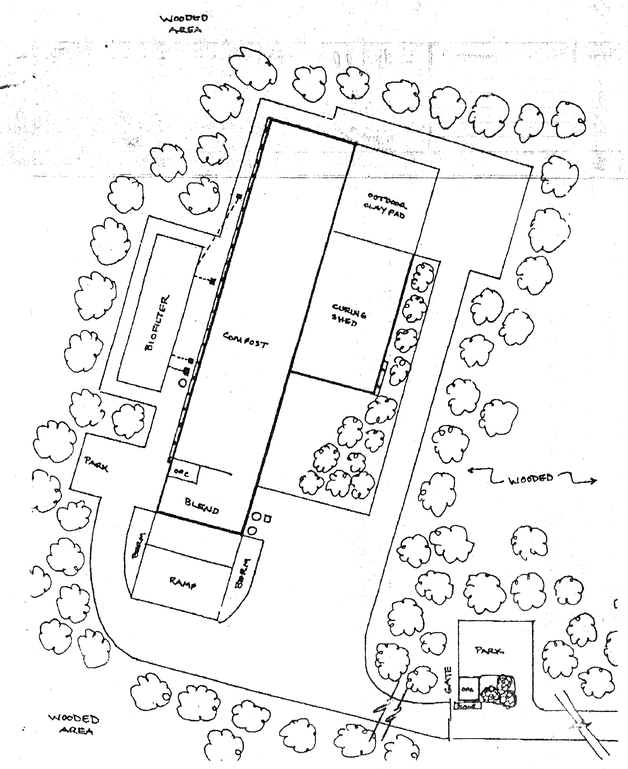
* SEDIMENT BASIN SHALL BE: 5' DEEP X 43' WIDE X 50' LONG W/ A 2' DEEP X 10' LONG SPILLWAY

BOUNDARY INFORMATION TAKEN FROM SURVEY PREPARED BY JOYNER SURVEYING, INC. (SURVEY FOR J.R. HEARN AND CLEON HEARN DATED OCTOBER 3, 1999)

TOPOGRAPHIC INFORMATION TAKEN FROM U.S.G.S. QUAD SHEET.

GENERAL NOTES

1. Boundary survey and topographic information were taken from surveys provided by Joyner Surveying
2. The Engineer is : John W. Harris, P.E. Consulting Engineer, 7909 Ocoee Court, Raleigh, N.C. 27612
3. The Owner is : McGill Environmental Systems of North Carolina, Inc. P.O. Box 61 Harrells, North Carolina 28444
4. The total area of disturbance has been determined to be +/- 6.5 Acres.
5. No flood hazard or wetland areas were located on the survey map "in the area of this construction" and it is assumed that none exist in conflict with this work.
6. The Contractor shall verify the location of all existing Utilities prior to beginning any work on the site.
7. The contractor shall be responsible for obtaining all local, County, and State construction permits.
8. Any changes or deviations from these plans, no matter how minor, shall be done only with the express pre-approval of the Project Engineer, Mr. John W. Harris.
9. This plan represents the Phase I Erosion and Sedimentation Control Plan for the McGill Environmental Systems project. It is intended solely for the purpose of clearing a projected area to allow for the surveying and detailed site engineering required to prepare an appropriate Design for Site Plan and Construction Plan Review.



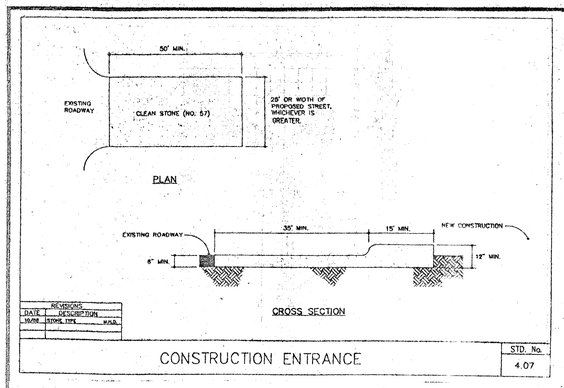
J.W. HARRIS & ASSOCIATES
CONSULTING ENGINEER

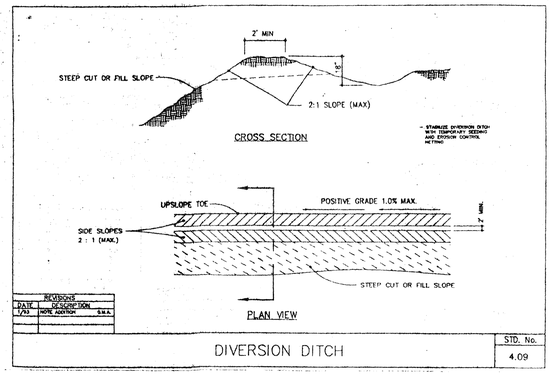
SCALE: 1" = 200'
DATE: 12-28-00
DRAWN BY: JWH

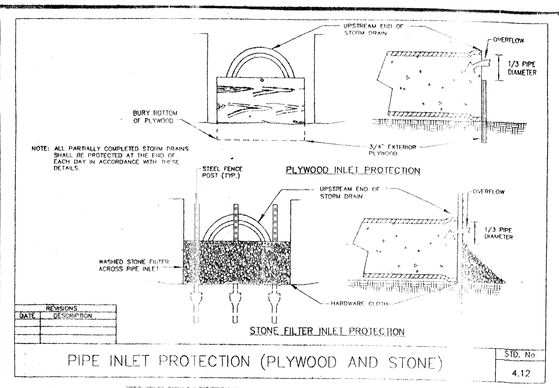
PHASE I EROSION & SEDIMENT CONTROL PLAN
McGILL ENVIRONMENTAL SYSTEMS, INC.

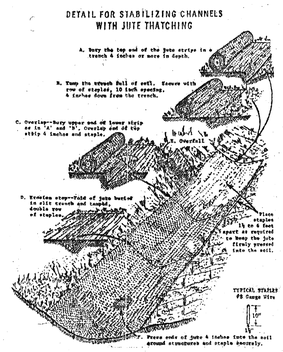
John W. Harris 12-28-00

REVISION	SHEET
	1









SEEDING SPECIFICATIONS

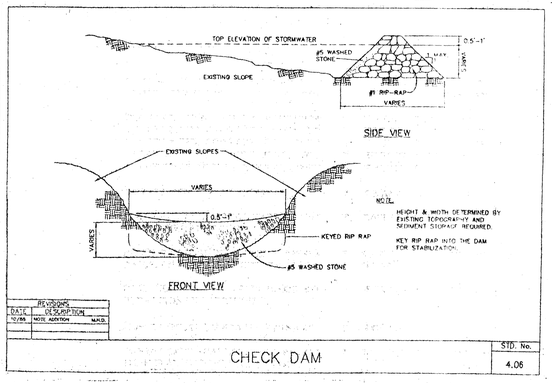
DATE	TYPE	PLANTING RATE
March 1 - June 1	Serica Lespedeza (scarified) and add Tall Fescue	50 lbs/acre 120 lbs/acre
March 1 - April 15	or add Weeping Lovegrass	10 lbs/acre
March 1 - June 30	or add Hulled Common Bermudagrass	25 lbs/acre
June 1 - September 1	* Tall Fescue and * Brownton Millet * or Sorghum - Sudan Hybrids	120 lbs/acre 25 lbs/acre 30 lbs/acre
September 1 - March 1	Serices Lespedeza (unhulled & Unscarified) and Tall Fescue add Abruzzi Rye	70 lbs/acre 120 lbs/acre 25 lbs/acre

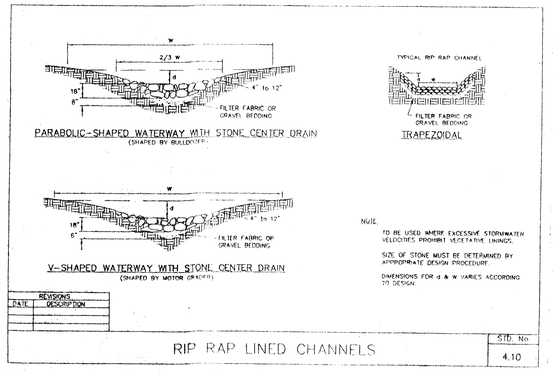
Consult Erosion Control Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of denuded areas. The above vegetation rates are those which do well under local conditions; other seeding rate combinations are possible.

* Temporary - Re-seed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12 inches in height before mowing; otherwise Fescue may be shaded out.

FERTILIZER APPLICATION

Agricultural Limestone	2 Tons/acre	
Fertilizer	1000 lbs/acre	10 - 10 - 10
Superphosphate	500 lbs/acre.	20 % analysis
Mulch	2 Tons/acre	small grain straw
Anchor	Asphalt emulsion @ 300 gals./acre	





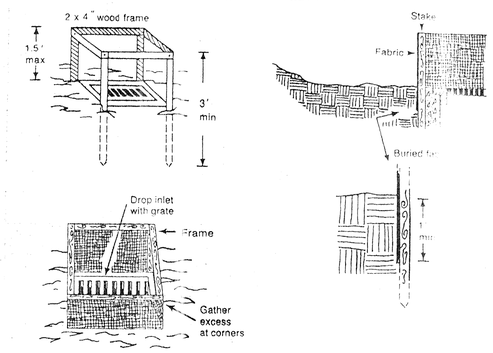


Figure 6.51a Installation of fabric and supporting frame for inlet protection.

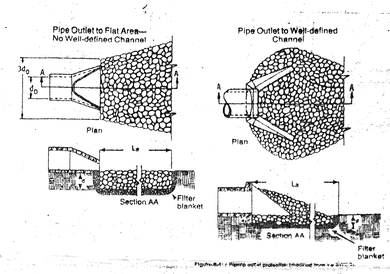
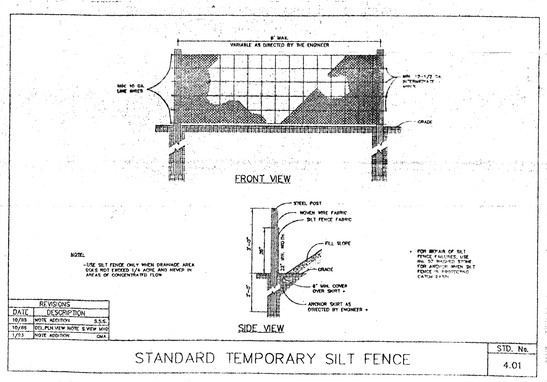
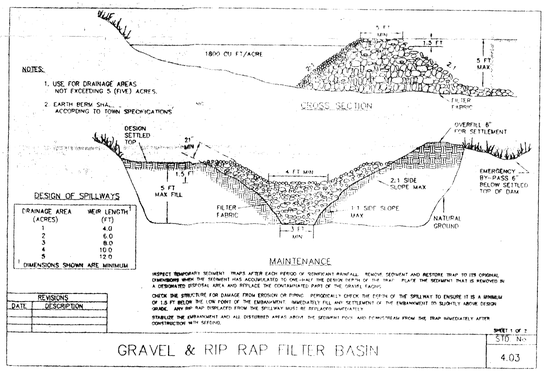
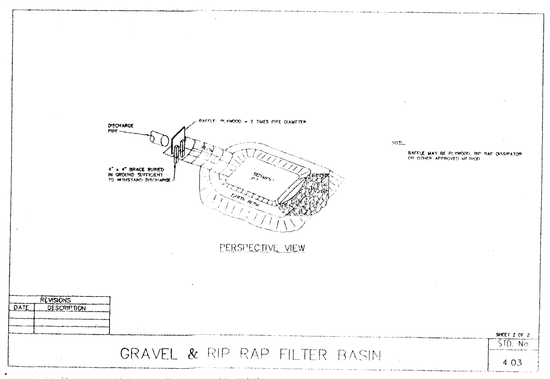


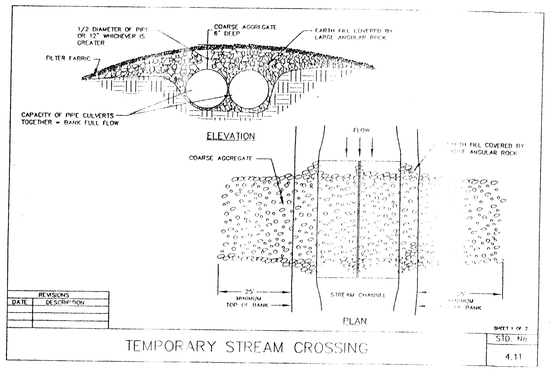
Figure 6.51 Riprap outlet protection (modified from various).

OUTLET STONE PLACEMENT DETAIL



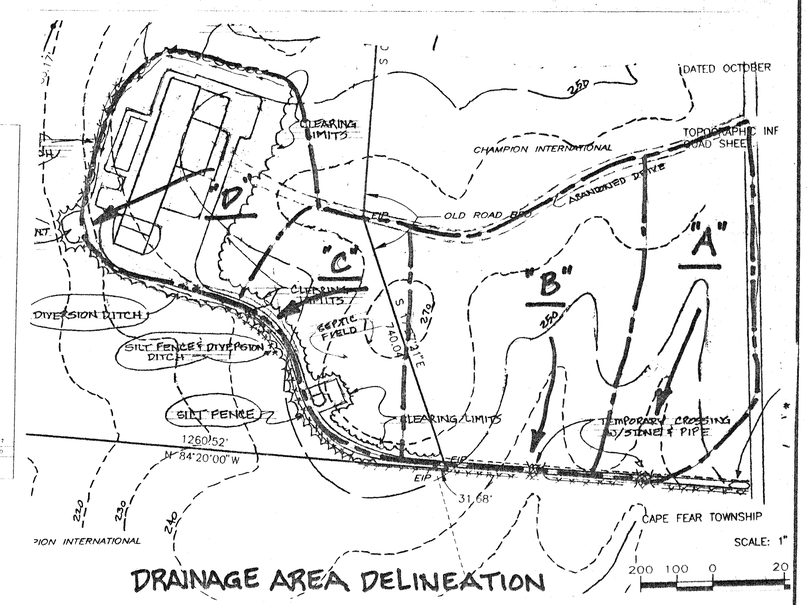






CONSTRUCTION SEQUENCE :

1. OBTAIN A COPY OF THE APPROVED EROSION CONTROL PERMIT PRIOR TO DISTURBING THE SITE. RETAIN A COPY OF THE APPROVED PLANS ON SITE.
2. FLAG CLEARING LIMITS AND PERFORM ANY AND ALL TREE CUTTING (FELLING & HAULING ONLY) OPERATIONS FOR THE CONSTRUCTION AREA. USE BRANCHES AND LAPS TO FORM BRUSH BARRIERS ALONG THE LOW SIDE AREAS OF THE CLEARING LIMITS. NO SOIL DISTURBING ACTIVITY IS ALLOWED AT THIS TIME IN THE CONSTRUCTION SEQUENCE.
3. INSTALL TEMPORARY CONSTRUCTION ENTRANCE AND SILT FENCES.
4. PLACE ANY ADDITIONAL EROSION CONTROL MEASURES AS DIRECTED BY THE PROJECT ENGINEER.
5. BEGIN CONSTRUCTION OPERATIONS; MAINTAIN EROSION CONTROL DEVICES DAILY, AND REPAIR AS NEEDED AFTER RAIN STORMS.
6. ONCE CONSTRUCTION IS IN PLACE, BEGIN LANDSCAPING AND SEEDING OPERATIONS IMMEDIATELY.
7. PLACE OUTLET DISSIPATER STONE AT THE ENDS OF ANY PIPES.
8. CONTRACTOR SHALL NOT ALLOW SOIL TO REMAIN DISTURBED FOR LONGER THAN IS ABSOLUTELY NECESSARY.
9. ONCE THE SOIL IS STABILIZED AND THE PROJECT WORK IS COMPLETE, ALL EROSION CONTROL MEASURES MAY BE REMOVED.



DRAINAGE AREA DELINEATION

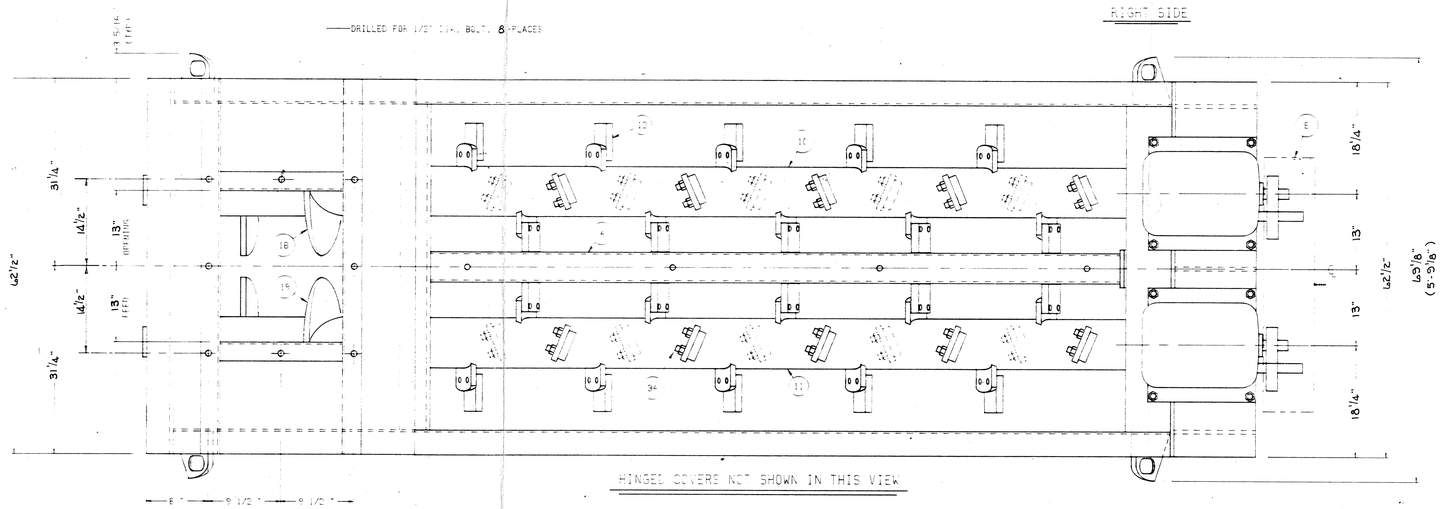
J.W. HARRIS & ASSOCIATES
CONSULTING ENGINEER
7909 OCOEE COURT RALEIGH, N.C. (919) 789-0741
27612

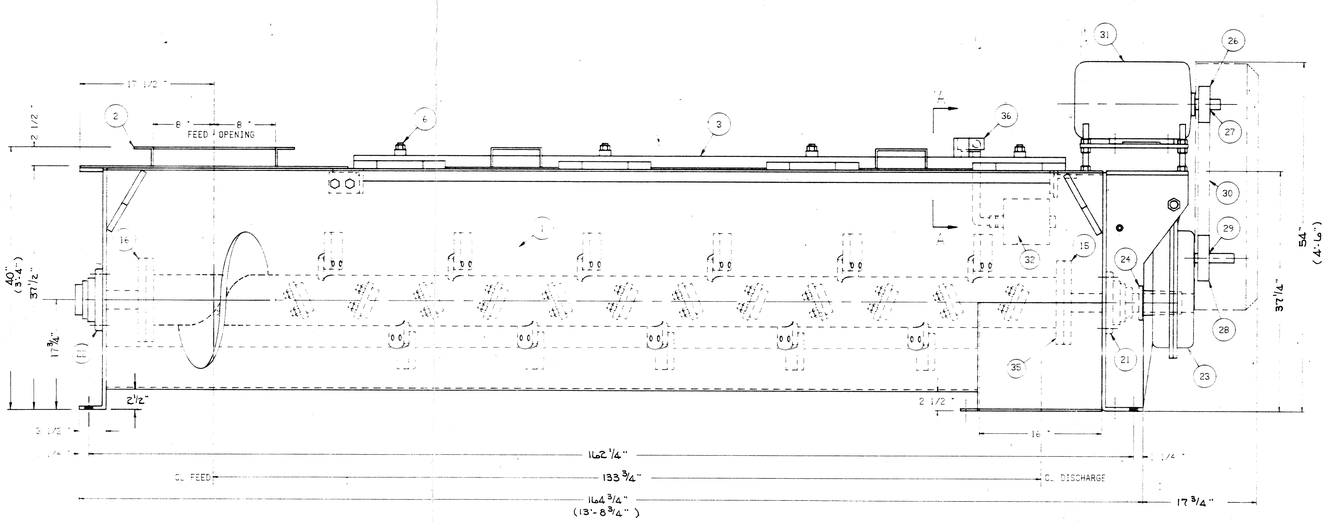
SCALE: NTS
DATE:
DRAWN BY: JWH

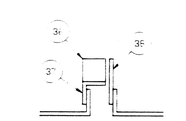
STANDARD DETAILS
ROADWAY & EROSION CONTROL

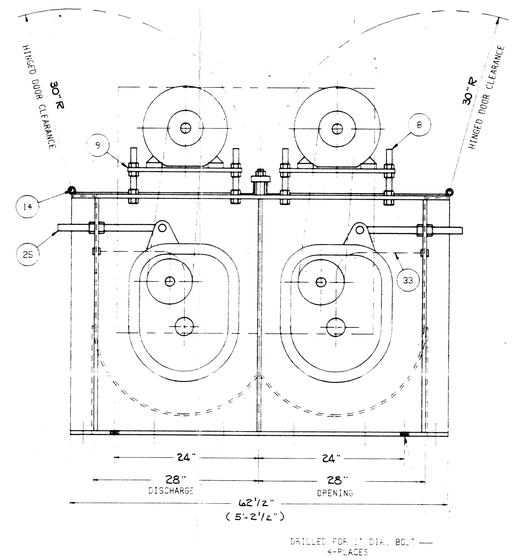
12-20-00

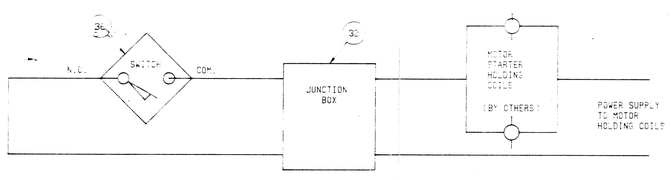
REVISION	SHEET
	2



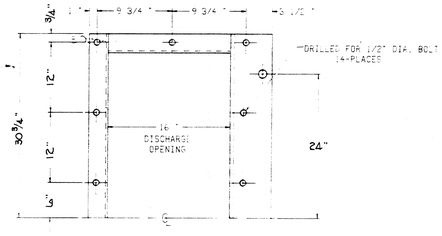








ELECTRICAL SCHEMATIC OF TOP COVER SWITCH



PARTS LIST

ITEM	REQD	PART NUMBER	DESCRIPTION
1	1		MIXER BOX
2	1		TOP COVER WITH FEED OPENING
3	1		HINGED LID ASSEMBLY
4	1		CENTER SUPPORT
5	1	3-758-88017	DRIVE GUARD
6	4	3-760-85002	HOLD DOWN LATCH
7			
8	8	3-944-71227	MOTOR ADJUSTING BOLT
9	2	3-775-85022	MOTOR BASE PLATE
10	1	3-758-82507	PADDLE SHAFT, R.H.
11	1	3-758-82506	PADDLE SHAFT, L.H.
12	46	3-758-82000	PADDLE
13			
14	8	3-970-01013	HINGE PIN
15	2	3-758-51006	FRONT GUDGEON
16	2	3-758-51004	REAR GUDGEON
17			
18	1		SCREW FLIGHT, R.H.
19	1		SCREW FLIGHT, L.H.
20			
21	2	2-909-13900	REAR BEARING
22	2	2-909-13901	FRONT BEARING
23	2	2-940-71601	REDUCER
24	2	2-925-73901	REDUCER BUSHING
25	2	2-940-71601-2	TORQUE ROD
26	2	2-937-00402	MOTOR PULLEY
27	2	2-938-00402	MOTOR PULLEY BUSHING
28	2	2-937-00601	REDUCER PULLEY
29	2	2-938-00120	REDUCER PULLEY BUSHING
30	6	2-939-05006	V-BELTS
31	2	2-943-10024	MOTOR
32	2	2-942-35040	JUNCTION BOX
33	2	3-988-11012	GREASE HOSE ASSEMBLY
34	92	2-947-41248	PADDLE BOLT
35	32	2-947-51248	GUDGEON BOLT
36	1	2-944-60112	LIMIT SWITCH
37	1	3-758-85018	SWITCH SUPPORT BRACKET
38	1	3-758-85017	SWITCH ACTUATOR
39			
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CERTIFICATION		
CUSTOMER'S ORDER NO.		
McLANAHAN ORDER NO.		
	DATE	BY
PRELIMINARY PRINTS SENT		
CERTIFIED FOR DIMENSIONAL ACCURACY ONLY		
FINAL CERTIFIED DRAWING		
ASSEMBLY		

ISSUED AUG 29 1995

DATE	REVISION	DATE	REVISION

DRAWN BY: T. MAUGLE DATE: 5/9/00
CHECKED BY: DATE:
ASSEMBLY NUMBER:
SCALE: NONE

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McLANAHAN CORPORATION
HOLLIDAYSBURG, PA
PARTS LIST AND ASSEMBLY FOR
24" X 12' BLENDMASTER MIXER

P11 E16

19-06