VEHICULAR SURFACING:
ALL PAVEMENT WITHIN SCDOT SHALL BE IN ACCORDANCE WITH SCDOT SPECIFICATIONS.
ROC AREA INSIDE SITE SHALL BE A MINIMUM SIX INCHES COMPACTED THICKNESS OF CRUSHER-RUN OR SABC OVER COMPACTED SUB GRADE. ALL SURFACES SHALL BE RAISED ABOVE EXISTING GRADE AT LEAST SIX INCHES. ALL AREAS SHALL BE GRADED CROWNED TO DRAIN PROPERLY. ADJACENT AREAS SHALL BE GRADED TO DRAIN AWAY FROM ROC AREAS SO THAT THERE IS NO STANDING WATER WITHIN 20 FEET.
ALL DIRT ROADWAY SHALL BE TEMPORARY & NOT USED WHERE IN SERVICE FOR MORE THAN ONE YEAR. DIRT ROADWAY GRADE SHALL BE RAISED. MATERIAL SHALL BE SAND-CLAY MIXTURE WITH MINIMAL ORGANIC MATERIAL. LARGE GRAIN SAND MIXED WITH ADEQUATE SLUDGE MATERIAL TO ACHIEVE COHESION MAY BE ACCEPTABLE. MATERIAL SHALL BE SIX-INCH COMPACTED THICKNESS.

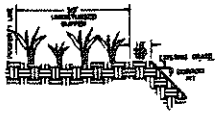
SITE NOTES:
ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEED. SLOPES SUSCEPTIBLE TO EROSION OR EXPERIENCING EROSION SHALL BE MULCHED AND SEEDED.
RECLAMATION SHALL BE CONDUCTED SIMULTANEOUSLY WITH MINING WHENEVER FEASIBLE & IN ANY EVENT SHALL BE INITIATED AT THE EARLIEST PRACTICABLE TIME BUT NO LATER THAN 180 DAYS FOLLOWING TERMINATION OF MINING ON ANY SEGMENT OF THE MINE & SHALL BE COMPLETED WITHIN TWO YEARS AFTER COMPLETION OR TERMINATION OF MINING ON ANY SEGMENT OF THE MINE.
REFER TO SEPARATE DOCUMENT FOR REVEGETATION & SUPPORTING MAINTENANCE PLANS.
VEGETATION MAINTENANCE PLAN THROUGH THE FIRST TWO GROWING SEASONS SHALL BE PROVIDED.

SPECIAL SITE NOTES:
TAILINGS POND TO BE DREDGED BASED ON NEED OF OWNER.
SLUDGE(TAILINGS) TO BE PLACED ALONG EXCAVATION SIDE SLOPE AS MINING PROGRESSES.
SLUDGE(TAILINGS) TO BE STOCKPILED ON-SITE & ALLOWED TO DRY PRIOR TO BACK FILLING AS PART OF RECLAMATION PLAN.
AS AREAS ARE CLEARED FOR MINING, STUMPS & TREES, WILL BE EITHER BURNED ON-SITE OR DISPOSED OF OFF-SITE.
REFUELING OF VEHICLES WILL BE DONE BY A MOBILE FUEL TRUCK.
ANY MAINTENANCE OF VEHICLES WILL BE DONE OFF SITE.

AREA TABLE

WETLAND A-1:	22.00 acres
WETLAND A-2:	2.07 acres
WETLAND B	1.31 acres
WETLAND C:	6.94 acres
TOTAL JURISDICTIONAL WETLANDS-	32.32 acres
UPLAND BUFFER-	115.76 acres
TOTAL AREA-	148.08 acres

NOTES:
1. SERVICE ROADS TO BE USED TO MAINTAIN BUFFER, AND CHANGE NO PERMANENT TRANSFORMATION.
2. PIT SIDE SLOPES SHALL NOT BE STEEPER THAN 3 HORIZ TO 1 VERT.
3. UNDISTURBED BUFFER MAY REQUIRE ADDITIONAL INDIGENOUS PLANTINGS TO OBTAIN DESIRED SCREENING EFFECT



BUFFER SECTION DETAIL

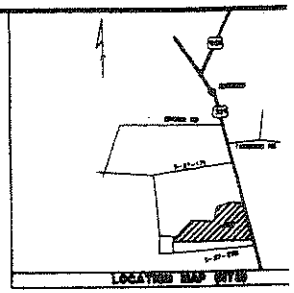
SEEDING SPECIFICATION:
PERMANENT SEEDING, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 14 DAYS OF GRADING.
TEMPORARY SEEDING: SPRING

SPECIES	RATE
RYE (GRAIN)	120 lbs
ANNUAL LESPEDEZA (KOREAN)	50 lbs

APPLY 2000 lbs LIME
APPLY 750 lbs 10-10-10 FERTILIZER
APPLY 4000 lbs MULCH, ANCHORED WITH TACK

SPECIES	RATE
CENTIPEDE GRASS	10-20 lbs SEED
	33 lbs SPRIGS

- SOD IS MOST DESIRABLE, DO NOT MULCH
- FERTILIZE SPARINGLY - 20 lbs NITROGEN IN SPRING WITH NO PHOSPHORUS. CANNOT TOLERATE HIGH pH.
- PERMANENT SEEDING: MARCH THROUGH JULY IF WATER AVAILABLE



Haul Road & Plant	3.0 acres
Pit	5.0 acres
Total Affected Acreage	8.0 acres

SPECIAL SITE NOTES:
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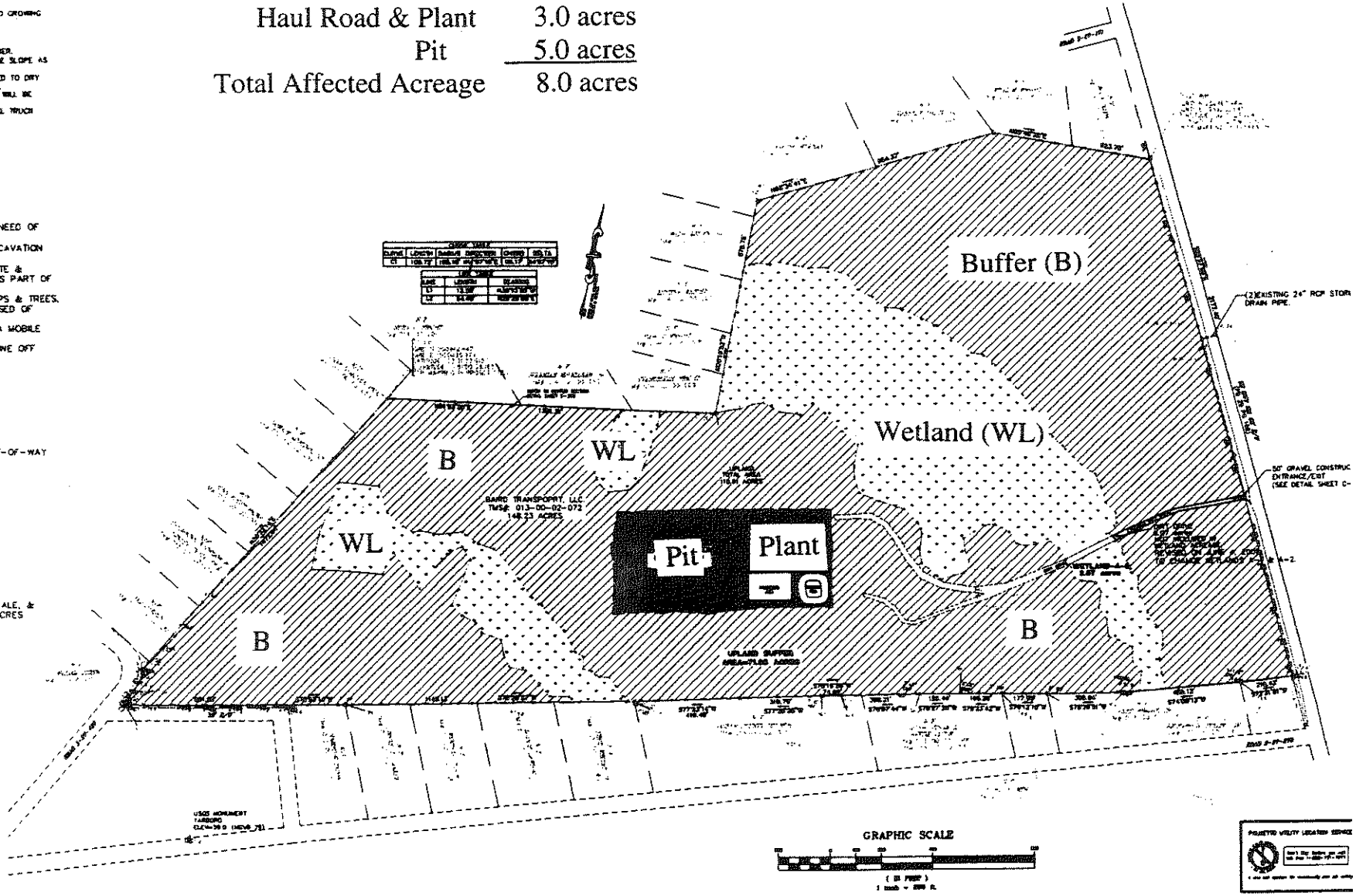
2. SLUDGE(TAILINGS) TO BE PLACED ALONG EXCAVATION SIDE SLOPE AS MINING PROGRESSES.
3. SLUDGE(TAILINGS) TO BE STOCKPILED ON-SITE & ALLOWED TO DRY PRIOR TO BACK FILLING AS PART OF RECLAMATION PLAN.
4. AS AREAS ARE CLEARED FOR MINING, STUMPS & TREES, WILL BE EITHER BURNED ON-SITE OR DISPOSED OF OFF-SITE.
5. REFUELING OF VEHICLES WILL BE DONE BY A MOBILE FUEL TRUCK.
6. ANY MAINTENANCE OF VEHICLES WILL BE DONE OFF SITE.

LEGEND:
- PROPERTY LINE
- ADJACENT PROPERTY/RIGHT-OF-WAY
- BUFFER
- WETLAND BUFFER
- PROPOSED MINE AREA= 5.00 ACRES
- JURISDICTIONAL WETLAND
- UPLAND BUFFER
- STOCKPILE, PROCESSING, SCALE, & TEMP OFFICE AREA= 3.0 ACRES
- 6' CHAINLINK FENCE



SITE DATA:
TMS #: 013-00-02-072 (PARCEL 72)
LOT SIZE (TOTAL): 148.23 ACRES
JURISDICTIONAL WETLANDS: 32.44 ACRES
UPLANDS: 115.79 ACRES

FLOOD ZONE: C
FIRM PANEL: 4831112 0070D
DATE: SEPTEMBER 28, 1989

BUFFERS:
WETLANDS: 50'(UNDISTURBED)
PROPERTY BOUNDARY: 30'(UNDISTURBED)

BENCH MARK DATA:
PK NAIL-NEAR NE PROPERTY CORNER
DATUM ELEV.= 87.30' (NGVD '29)

PROJECT UTILITY LOCATION SERVICE