

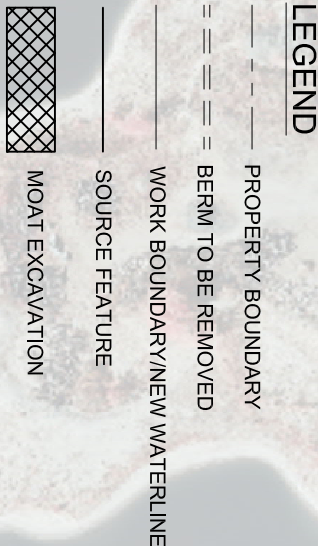
LEGEND

- PROPERTY BOUNDARY
- TREES TO BE REMOVED
- FENCE
- WORK BOUNDARY/NEW WATERLINE

GENERAL NOTES:

- OBJECTIVE OF WORK IS TO CREATE TERN AND PLOVER HABITAT WITHIN THE WESTERN PORTION OF THE PIT. IN AREA DENOTED "PHASE 1 HABITAT CREATION". MAJOR WORK ACTIVITIES INCLUDE REMOVING, BURNING AND BURYING LARGE TREES, GENERAL GRADING/CLEANING TO A DEPTH OF ABOUT 0.5' ACROSS THE SITE, AND GRADING AND/OR SHALLOWING SLOPES IN SELECT AREAS.
- CONTRACTOR MUST COORDINATE ACTIVITIES WITH EXISTING MINER.
- GRADING IS DETAILED ON SHEET C-02.
- TREES WILL BE REMOVED, PILED, AND BURNED. MAJOR TREE CLUSTERS IDENTIFIED BUT ALL LARGE TREES ACROSS THE SITE MUST BE REMOVED. BURN REMAINS ARE TO BE BURIED WITHIN THE HABITAT AREA. BURYING MUST OCCUR AT LEAST 2 - 3' BELOW EXISTING GRADE (I.E., PILES CANNOT BE COVERED WITH SAND ABOVE EXISTING GRADE).
- SITE ACCESS WILL BE FROM THE EAST THROUGH THE EXISTING MINING AREA. STAGING CAN OCCUR ANYWHERE ON HIGH GROUND WITHIN THE HABITAT CREATION AREA.

1. GRADE ENTIRE AREA TO A DEPTH OF 0.5' TO EXPOSE CLEAN SAND. FINISHED SITE WILL BE ENTIRELY CLEAN SAND. ALL OTHER MATERIAL MUST BE COVERED OR PUSHED INTO PIT.
2. TO THE EXTENT POSSIBLE, PUSH GRADED MATERIAL TO SLOPE AREAS LABELED WITH "GRADE AND SMOOTH", ETC. GRADED MATERIAL DIRECTLY ADJACENT TO STEEP SLOPES CAN BE PUSHED DIRECTLY INTO PIT.
3. ARROWS DENOTE GENERAL GRADING AND MATERIAL PUSHING DIRECTIONS. MOST MATERIAL TO BE USED TO SHALLOW AND GRADE SLOPES WHERE SHOWN. SLOPE LOBES SHOULD BE EXPANDED WHERE POSSIBLE. GOAL IS TO MAKE ALL SLOPES TO WATER AS SHALLOW AS POSSIBLE. FINISHED SLOPES WILL BE APPROVED ON-SITE AND SHOULD BE BETWEEN APPROX 10:1 OR 20:1 (H:V).
4. KNOCK DOWN AND SMOOTH SMALL EARTHEN BERM ALONG RIDGE LINE. CAN PUSH DIRECTLY INTO PIT.
5. MAJOR SOURCE AREAS, DENOTED AS 'SOURCE AREAS' 1, 2 AND 3 ARE TO BE FLATTENED BY PUSHING MATERIAL AWAY FROM THESE AREAS IN THE GENERAL DIRECTIONS SHOWN. MATERIAL WILL BE REMOVED TO MATCH SURROUNDING GRADES.
6. CREATE MOATS WITH WIDTH APPROX 100' AND DEPTH APPROX 5' WHERE SHOWN.
7. PAYMENT WILL BE BASED ON AGREED TO HOURLY RATE. TOTAL EARTHWORK QUANTITIES ARE APPROX 100,000 TO 130,000 CUBIC YARDS BUT COULD VARY BASED ON SITE CONDITIONS.
8. CLEAR PATH FOR MONITORING ROUTE ALONG WESTERN AND SOUTHERN BOUNDARIES THAT TIES INTO EXISTING HAUL ROAD AT THE NORTHWEST CORNER OF THE PROPERTY. NO FILL REQUIRED. SIMPLE CLEARING AND GRADING TO CREATE ROUTE TO BE PASSABLE WITH A PICKUP TRUCK.



Headwaters
CORPORATION



LEXINGTON, NEBRASKA

C-02

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