

| NO. | DATE | BY | CKD | DESCRIPTION |
|-----|---------|----|-----|-------------|
| A | 7/29/16 | | | 60% REVIEW |
| B | 9/23/16 | | | 90% REVIEW |

- NOTES:**
- CONTRACTOR MAY PROPOSE ALTERNATE ON-SITE HAUL ROUTE OR STOCKPILE LOCATIONS, SUBJECT TO OWNER APPROVAL. CONTRACTOR SHALL AT ALL TIMES YIELD TO LANDFILL OPERATION TRAFFIC WHEN TRAVELING ALONG HAUL ROUTES.
 - REMOVE AND REPLACE APPROX. 1.25' TOPSOIL IN COMPACTED SOIL LINER BORROW AREA. REVEGETATE DISTURBED AREAS AS SPECIFIED.
 - CONTRACTOR SHALL INSTALL CULVERTS AS NECESSARY IN HAUL ROAD TO ENABLE ALL WEATHER ACCESS.
 - SOIL AND ROCK STOCKPILE SLOPES SHALL NOT EXCEED 3H:1V. THE ROCK STOCKPILE SHALL BE COVERED WITH AT LEAST ONE FOOT OF SOIL TO SUPPORT VEGETATION. BOTH SOIL AND ROCK STOCKPILES SHALL BE SEEDED, FERTILIZED, AND MULCHED. PRIOR TO HAULING, CONSULT WITH ENGINEER AND OWNER REGARDING THE SHAPE AND FINAL LOCATION OF SOIL AND ROCK STOCKPILES.
 - CONTRACTOR SHALL SEED, FERTILIZE, AND MULCH HAUL ROAD WHEN PROJECT IS COMPLETE. THE EDGES OF THE HAUL ROAD WHERE SOIL IS DISTURBED BY HAUL ROAD CONSTRUCTION SHALL ALSO BE SEEDED, FERTILIZED, AND MULCHED. THE HAUL ROAD SHALL BE DRESSED, LOOSENEED, (DISKED), AND CROWNED PRIOR TO SEEDING.
 - SUITABLE MATERIAL FROM CELL 6 EXCAVATION SHALL BE UTILIZED TO BUILD THE RELOCATED LANDFILL ACCESS ROAD. EXCESS MATERIAL SHALL BE PLACED IN THE APPROPRIATE PLACEMENT AREA AS SHOWN. COORDINATE PLACEMENT OF EXCESS MATERIAL WITH OWNER



9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400
LICENSEE NO. 000165

| | | | |
|----------|----------------|----------|------------|
| date | SEPTEMBER 2016 | detailed | K. ANDRIST |
| designed | B. WEIS | checked | C. SNIDER |



City of Columbia
Utilities Department
BOONE COUNTY, MO

**COLUMBIA BIOREACTOR LANDFILL
CELL 6 CONSTRUCTION DRAWINGS**
SITE PLAN

| | | | |
|---------|----------------------------|----------|-----------|
| project | 92528 | contract | |
| drawing | C002 | rev. | B |
| sheet | 5 | of | 32 sheets |
| file | 5 92528_C002 SITE PLAN.dwg | | |

CELL 6 SUBSURFACE INVESTIGATION DATA

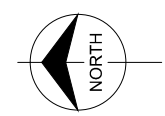
| I.D. | NORTHING | EASTING | APPROXIMATE GROUND SURFACE ELEV. |
|----------|--------------|--------------|----------------------------------|
| C6-TP-01 | 1,156,068.19 | 1,712,484.35 | 837.30 |
| C6-TP-02 | 1,155,883.00 | 1,712,535.00 | 836.00 |
| C6-TP-03 | 1,155,981.00 | 1,712,211.00 | 833.25 |
| C6-TP-04 | 1,155,719.00 | 1,712,219.00 | 832.00 |
| C6-TP-05 | 1,155,834.00 | 1,712,049.00 | 829.80 |
| C6-TP-06 | 1,155,959.00 | 1,711,842.00 | 834.10 |
| C6-TP-07 | 1,155,703.00 | 1,711,856.00 | 823.40 |
| C6-TP-08 | 1,155,826.00 | 1,711,655.00 | 831.00 |
| C6-TP-09 | 1,155,992.00 | 1,711,511.00 | 836.10 |
| C6-TP-10 | 1,155,693.00 | 1,711,516.00 | 829.60 |
| C6-TP-11 | 1,155,823.00 | 1,711,353.00 | 833.20 |

LEGEND

- TEST PIT
- BORROW MATERIAL HAUL ROUTE

KEYED NOTES REGARDING DEMOLITION:

- EXISTING POND TO BE DEWATERED BY OWNER (N.I.C.).
- STRUCTURE TO BE REMOVED BY OWNER (N.I.C.).
- POWER POLE AND ALL ASSOCIATED ELECTRICAL CONNECTIONS TO BE REMOVED BY OWNER (N.I.C.).
- PIPES UNDER ROAD TO BE REMOVED AND DISPOSED OF. ROAD SHALL BE RESTORED PER SPECIFICATIONS. COORDINATE PIPE REMOVAL AND ROAD CONSTRUCTION WITH OWNER.
- EXISTING PIPE TO BE REMOVED AND DISPOSED OF CONCURRENT WITH OR PRIOR TO ROAD CONSTRUCTION.
- REMOVE AND DISPOSE OF EXISTING FENCE SECTION PRIOR TO, OR CONCURRENT WITH LEACHATE TREATMENT SYSTEM CONSTRUCTION



0 200' 400'
SCALE IN FEET

Chris Snider, P.E.
Civil
PE-2005 001043

COPYRIGHT © 2016 BURNS & MCDONNELL ENGINEERING COMPANY, INC.