MISSOULA COUNTY - BONNER MILL
REPOSITORY REMOVAL

REPOSITORY PLANS REMEDIAL ACTION DESIGN EXHIBIT #1

MISSOULA COUNTY, MONTANA
BONNER PROPERTY DEVELOPMENT

SCALE IN FEET

0
30
60

WHITE HOUSE LANE

EXISTING CONCRETE BASEMENT & FOUNDATION WALLS

CONTAMINATED ZONE (WASTE OVER CONCRETE BASEMENT)

ORANGE CONSTRUCTION FENCE & SILT FENCE REQUIRED

MATERIAL HANDLING ROUTE

CONTAMINATED ZONE (WASTE OVER ASPHALT)

ORANGE CONSTRUCTION FENCE & SILT FENCE REQUIRED

EXISTING CONCRETE BASEMENT & FOUNDATION WALLS

PROTECT ALL EXISTING MONITORING WELLS

INLET PROTECTION TYP. 11 PLACES

D1

D

PROTECT ALL EXISTING MONITORING WELLS
MISSOULA COUNTY - BONNER MILL REPOSITORY REMOVAL

REPOSITORY PLANS REMEDIAL ACTION DESIGN EXHIBIT #2

BONNER MILL SECTION 21 & 22, T.13N., R.18W., P.M.M.
BONNER, MONTANA
MISSOULA COUNTY, MONTANA
BONNER PROPERTY DEVELOPMENT

SCALE IN FEET
0 30 60

WHITE HOUSE LANE
MATERIAL HANDLING BOUNDARY
CONTAMINATED ZONE

LOADING AREA
(P) JERSEY BARRIERS
100'

9° FROM TRUE NORTH

1 2 3 4 5 6 7
A B C D E F G

1 2 3 4 5 6 7
A B C D E F G

25.00 25.00

18-5191 4 10

18-5191

www.TerritorialLandworks.com

PLOT DATE: 8/27/2020 3:14 PM

PREPARED FOR:

LOCATION:

DESIGNED:

DRAFTED:

CHECKED:

DATE:

REVISIONS DATE

OF SHEET:

PROJECT NO.

CIVIL ENGINEERING
● SURVEYING
● LAND USE CONSULTING

Ph: 406/721-0142
Fax: 406/721-5224
1817 South Ave. W., Suite A
Missoula, MT 59801

DWG LOCATION:
O:\MISSOULA\TLI\PROJECTS\1_ACTIVE FILES\2018 PROJECTS\5191 - MISSOULA COUNTY BONNER REPOSITORY REMOVAL\8_DRAFTING\8.1_DRAWINGS\AUTOCAD\CIVIL-18-5191.DWG

OF SHEET:
COORDINATE WITH ENGINEER IF MULTIPLE LOADING AREAS ARE NEEDED.

MATERIAL HANDLING BOUNDARY

CONTAMINATED ZONE

P. JERSEY BARRIERS

MISSOULA - BONNER MILL REPOSITORY REMOVAL
REPOSITORY PLANS REMEDIAL ACTION DESIGN EXHIBIT #4

MISSOULA COUNTY - BONNER MILL REPOSITORY REMOVAL
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MATERIAL HANDLING BOUNDARY

CONTAMINATED ZONE

P. JERSEY BARRIERS

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MISSOULA COUNTY - BONNER MILL
REPOSITORY REMOVAL

EXISTING CONDITIONS (PLAN VIEW)

A A

B

WHITE HOUSE LANE

MATERIAL HANDLING BOUNDARY

EXISTING BUILDINGS TO REMAIN

ORIGINAL CONCRETE BASEMENT

0 100 200 300

SCALE IN FEET

30' 60' 90'

WHITE HOUSE
STOCKPILE EROSION MANAGEMENT

A

LOADING AREA

NOT TO SCALE

1/10 LION JUMBO BARRIER, TOP.

5 MIL VISQUEEN LAYER.

SANDBAG TO HOLD VISQUEEN LAYER IN PLACE, TYP.

NOT TO SCALE

ORANGE SAFETY FENCE & SILT FENCE INSTALLED ON ASPHALT

B

INLET PROTECTION

NOT TO SCALE

ORANGE SAFETY FENCE & SILT FENCE INSTALLED ON ASPHALT

NOT TO SCALE

STOCKPILE EROSION MANAGEMENT

A

LOADING AREA

NOT TO SCALE

1/10 LION JUMBO BARRIER, TOP.

5 MIL VISQUEEN LAYER.

SANDBAG TO HOLD VISQUEEN LAYER IN PLACE, TYP.

NOTE:

1. USE Nominal 2-inch x 4-inch lumber.
2. Use woven sediment control geotextile & fabric.
3. Space upright supports 40 inches on center, 10 feet apart.
4. Provide a two-foot opening between every set of supports and place 4x4 grader stone in the opening over geotextile.
5. Ensure that geotextile and geotextile strip is fastened to the upright support posts at the top and bottom of the fence.
6. Use lathe or mastic seal to the top and bottom of geotextile.
7. Provide at least 4-inch-wide mastic seal between geotextile and asphalt.
8. Use woven-silt-film geotextile for the geotextile base and place 4x4 grader stone in the opening over geotextile.
9. Secure geotextile base to pavement with 4x4-inch rubberized asphalt cement.
10. Use lathe or mastic seal to the top and bottom of geotextile.
11. Secure geotextile base to pavement with 4x4-inch rubberized asphalt cement.
12. Remove accumulated sediment and debris when bulges develop in silt fence or when sediment reaches 25% of fence height. Replace geotextile if torn.
13. Secure boards to pavement with 40d 5-inch minimum length nails.
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