

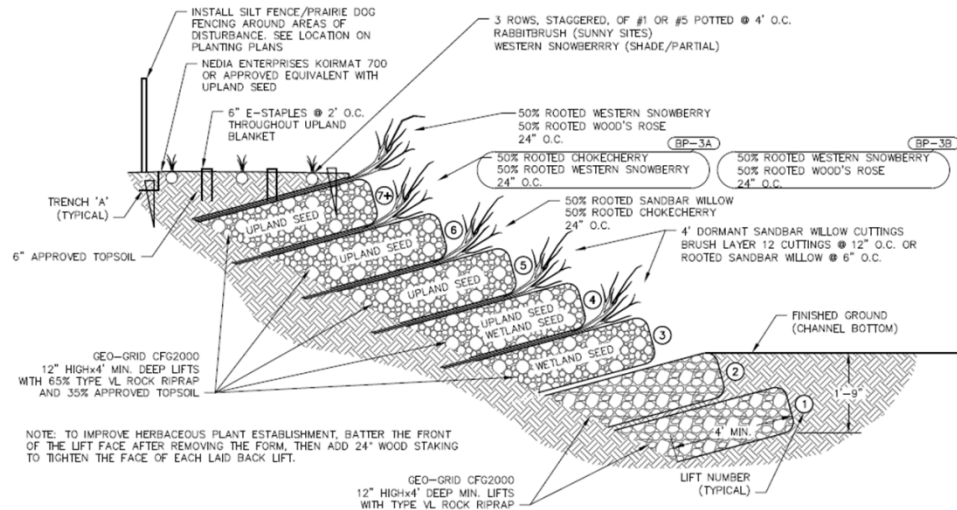
Soil Lift's Top Ten List

(Just a discussion)

Joe L. Williams, Jr., Senior Construction Manager



What goes into making one happen?



2 BP-3A AND BP-3B: SLOPE PROTECTION FOR SLOPES STEEPER THAN 3:1
DT3 Scale: NOT TO SCALE

Soil Lifts Top 10 List

1. Communication
2. Layout
3. Foundation
4. Soil Conditions
5. Fabric
6. Lift filler material
7. Transitions
8. End Treatments
9. Growing Media
10. Long Term Management

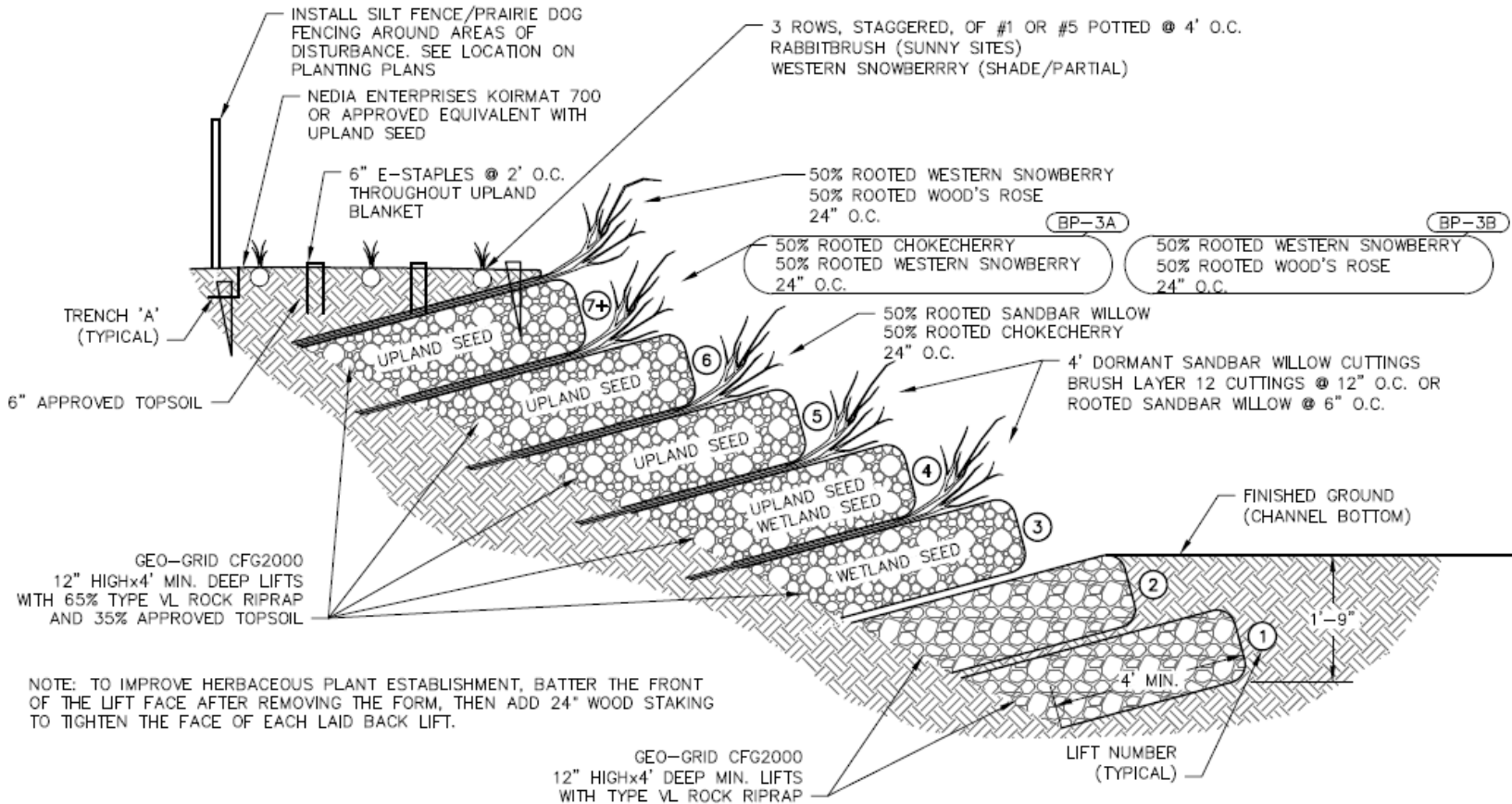
Preconstruction meeting

- Are all of the needed materials on site?
- Overall layout of soil lifts.
- Transition points.
- Time frame for completing the section(s) of soil lifts?
- Discussion of worse case scenarios.
- Daily communication.
- Review the layout of the soil lifts with contractor.
- Tie in points of the lift section end.
- The first soil lifts dictates the entire look of the soil lift sections.

Grange Hall Creek at 108th Avenue



Grange Hall Creek at 108th Avenue



2 BP-3A AND BP-3B: SLOPE PROTECTION FOR SLOPES STEEPER THAN 3:1
DT3 Scale: NOT TO SCALE

Foundation, foundation, foundation!



The first one counts!



Soil Conditions



Forms, Fabric and growing media



Growing media



Lift filler material



Transition points



Long Term Management



Before and After



Before and After



Soil Lifts Top 10 List revised 4/5/16!

- ~~1. In Lieu of Other Bank Protection Measures~~
- ~~2. To Take Up Grade at a Steeper Slope (2:1)~~
- ~~3. Foundation~~
- ~~4. Fabric~~
- ~~5. Transitions and End Treatments~~
- ~~6. Soil Conditions (not too wet, not too dry)~~
- ~~7. Growing Media~~
- ~~8. Plant Selection and Care~~
- ~~9. Layout~~
- ~~10. Long Term Management~~
11. If you don't install soil lifts correctly...

You too, like Dave



Could end up in a Baffle Chute Drop



The End

(In more ways than one!)