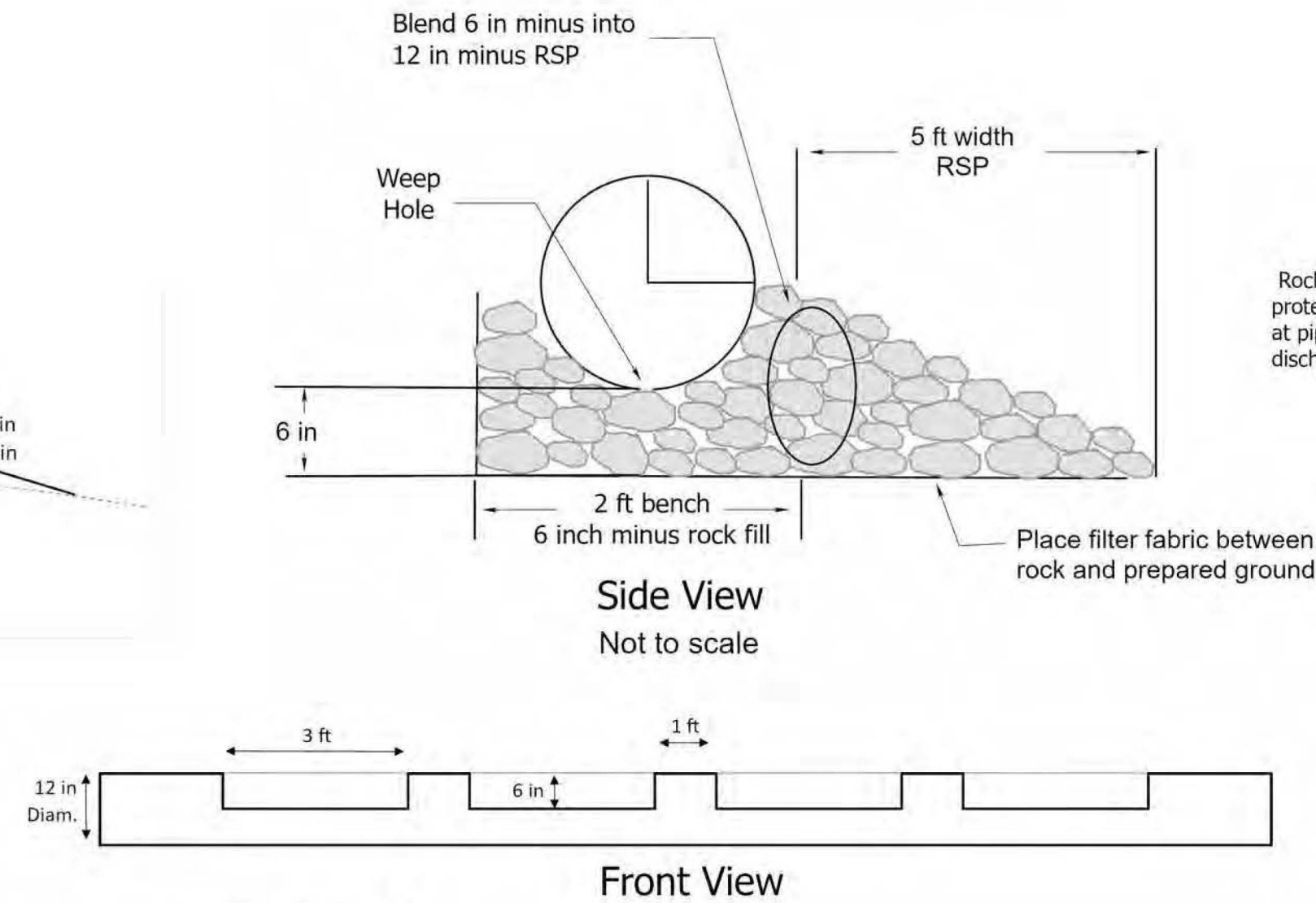
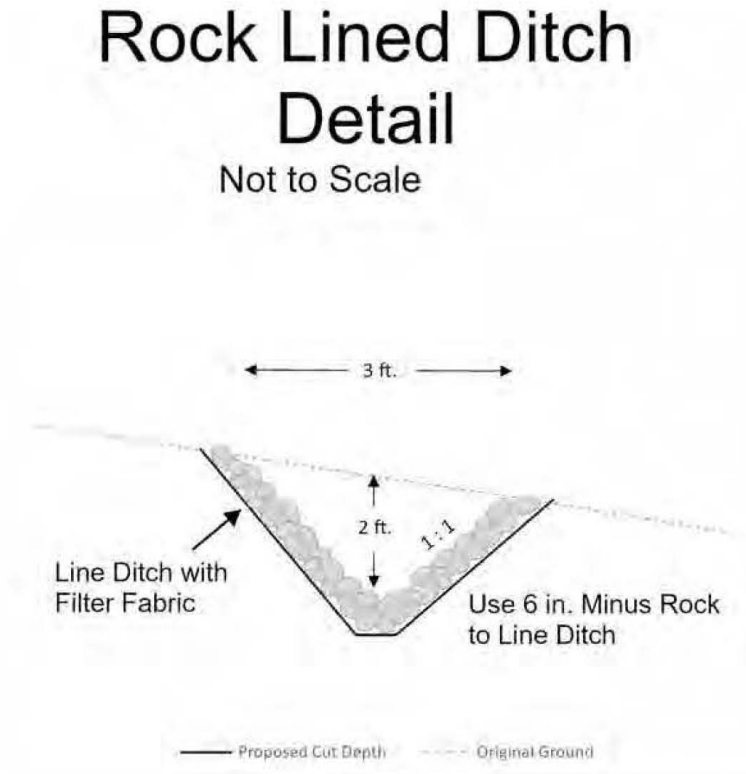
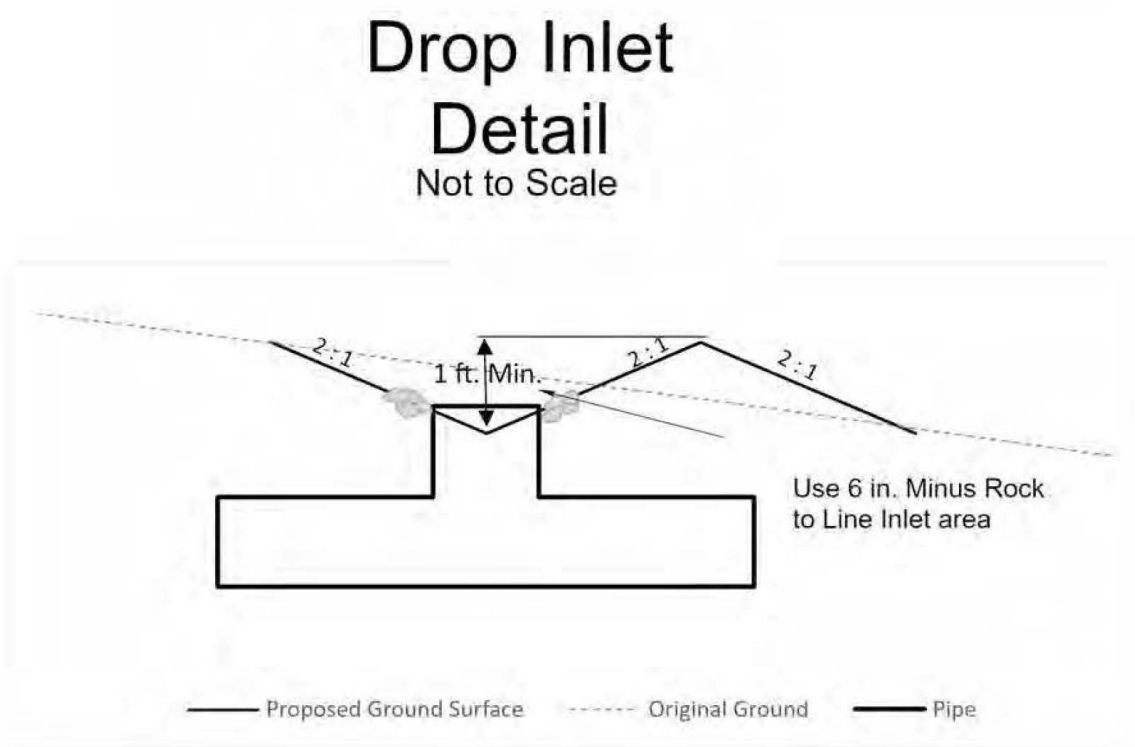
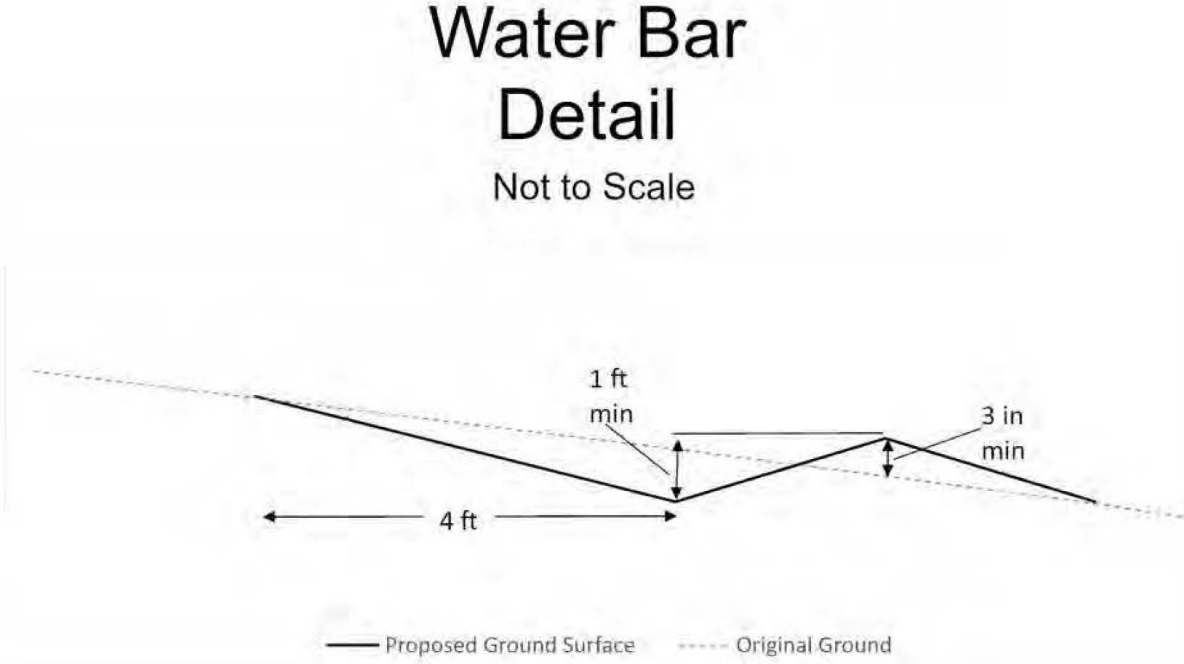
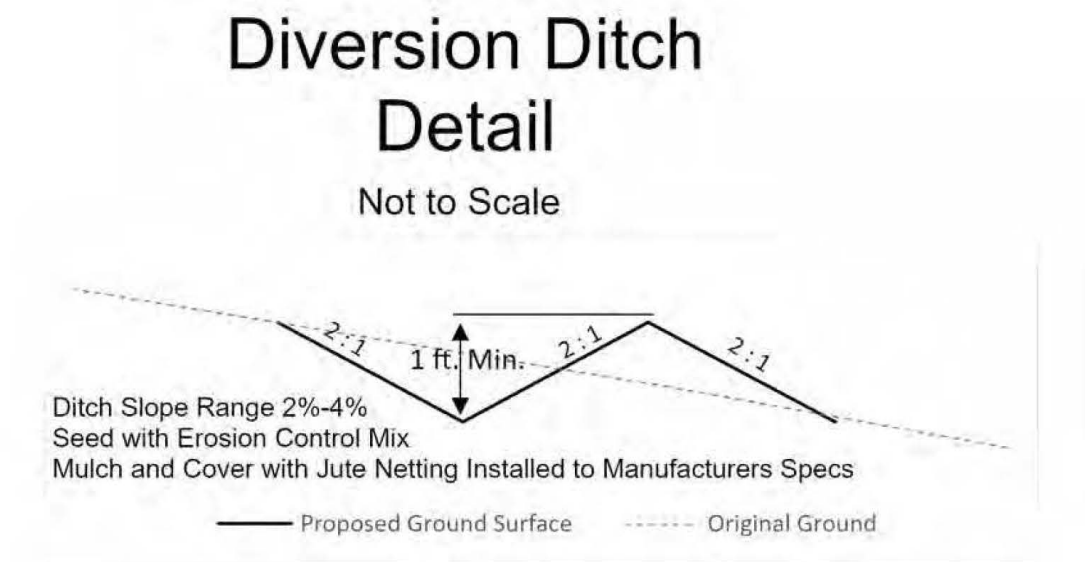
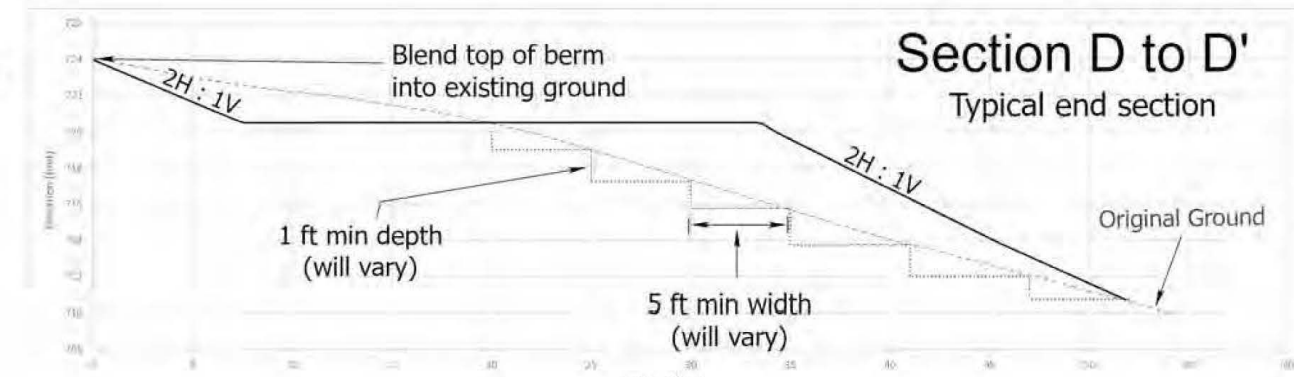
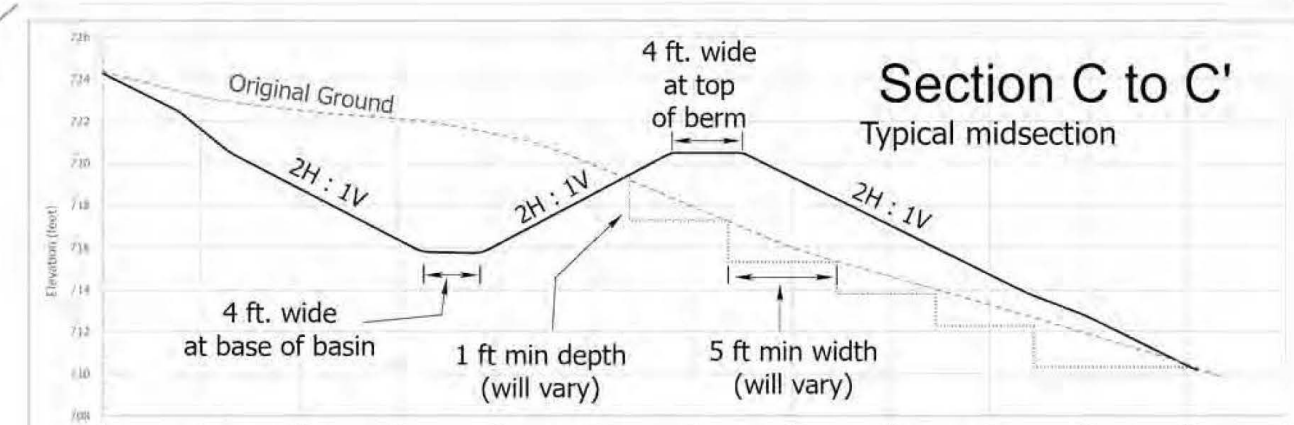
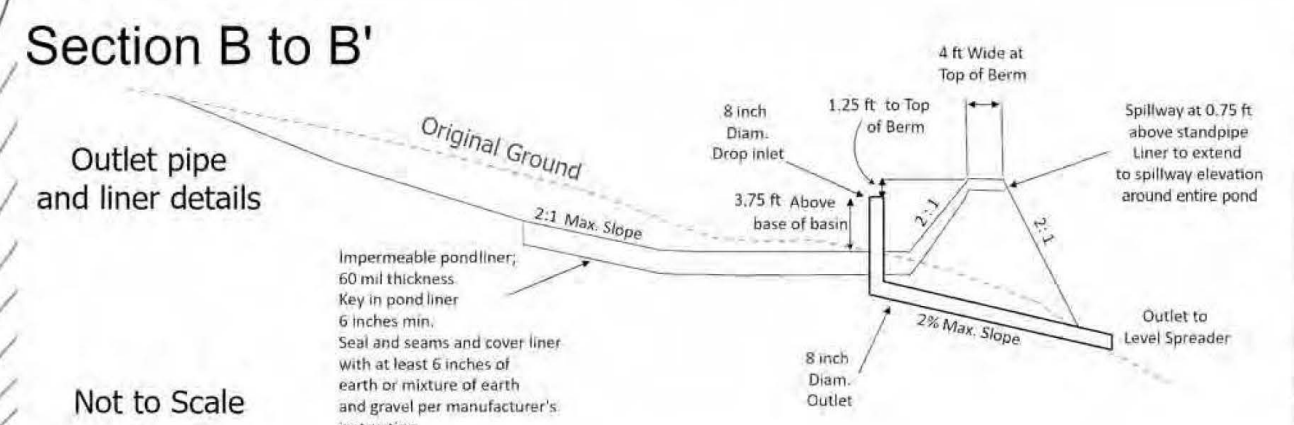
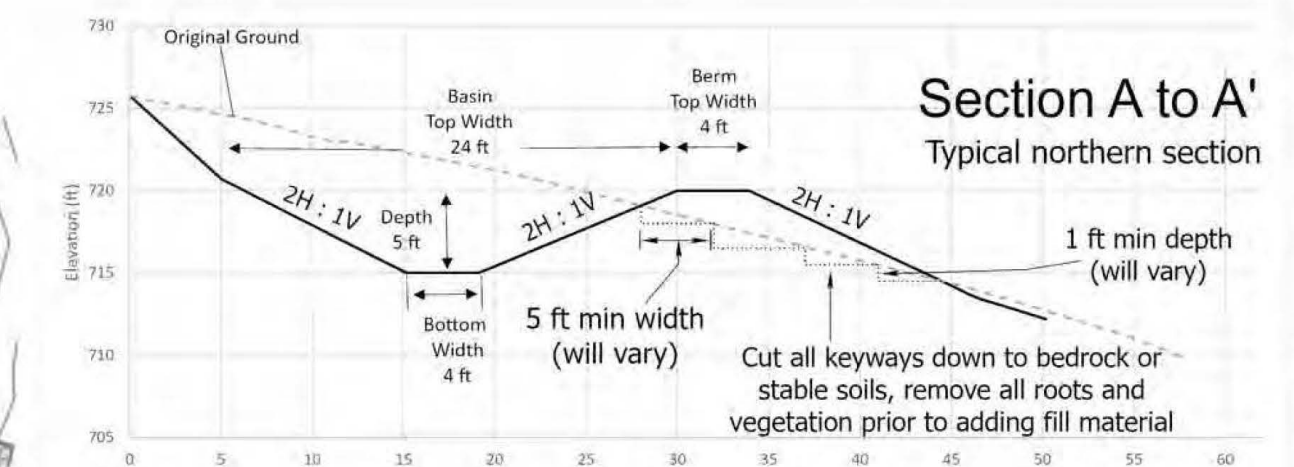
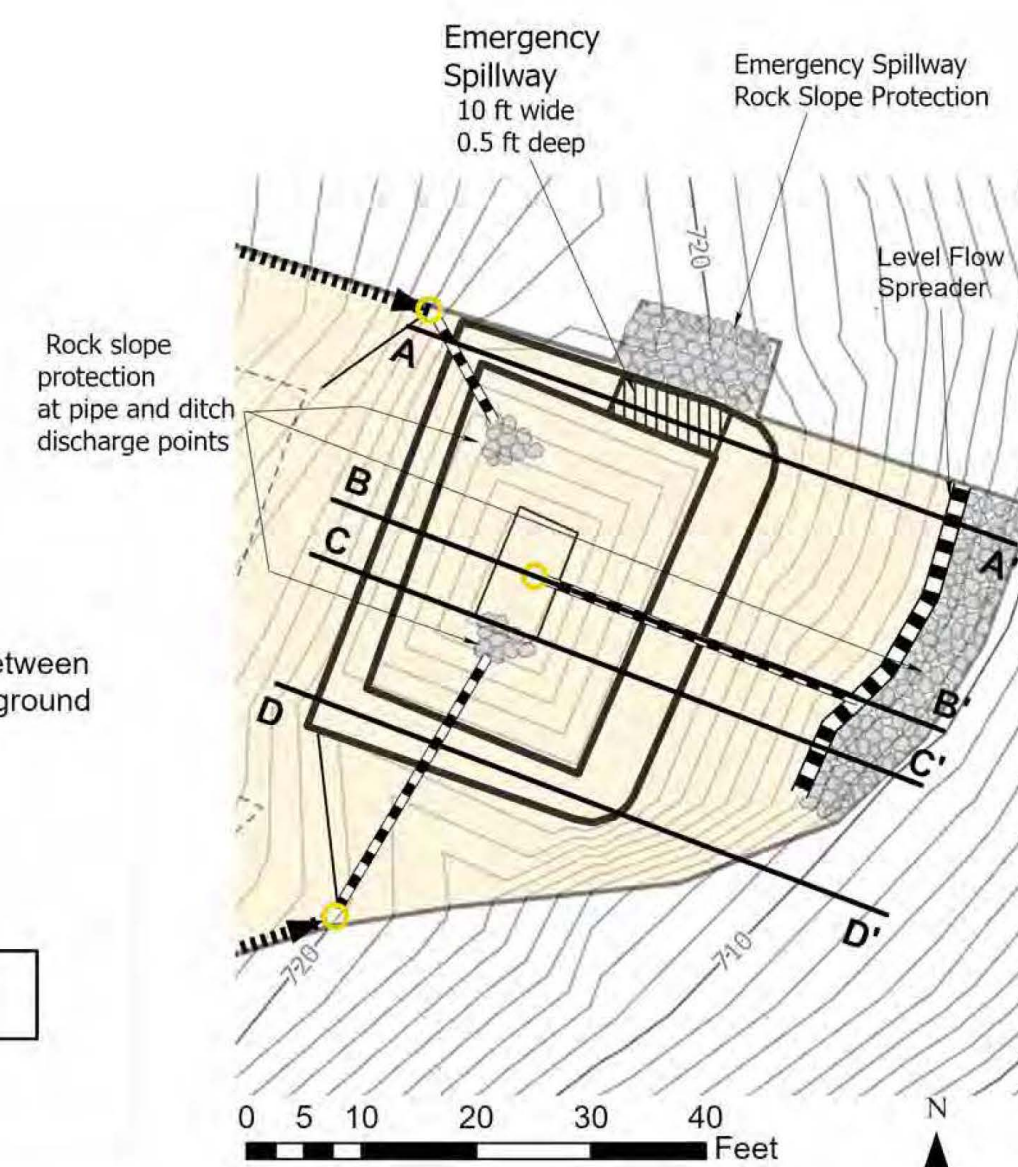




Minimum length: 40 ft
1/2 in diameter weep holes in base of pipe 6 in on center.
Spreader must be installed level to ensure proper function.
Cut a level 2 ft wide bench removing all roots and vegetation.
Place filter fabric on cleared area and cover with 6 in minus rock fill.
Set spreader pipe atop 6 inches of rock fill and secure in place with metal stakes.
Place 6 in minus rock fill up to outlet lip of spreader and blend into 5 ft wide minimum rock slope protection consisting of 12 in minus material.

Level Flow Spreader
Not to Scale



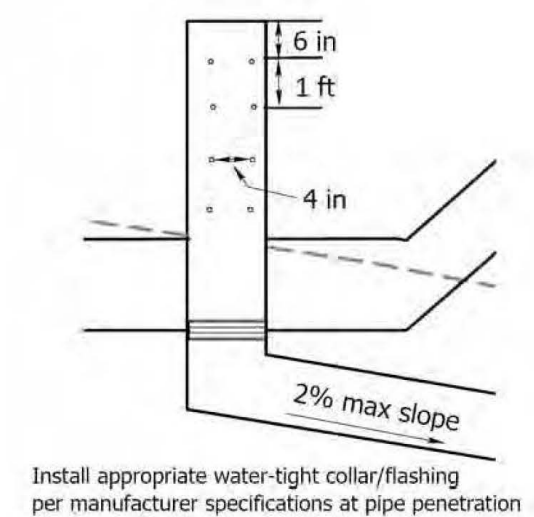
Pond Berm may be constructed using soils excavated onsite if deemed suitable by a qualified professional (PE or CEG). Organic materials and rock greater than 12 in in diameter shall be separated from excavated soil to be used for fill. Per 2016 CBC Appendix J "Fill material shall not contain organic, frozen/deleterious materials. No rock or similar irreducible material greater than 12 inches (305 mm) in any dimension shall be included in fills." Soil material from off-site source may be used to supplement on-site material per instructions from qualified professional.

Fill materials shall be compacted with the addition of water in 6 inch lifts on prepared keyways as shown.

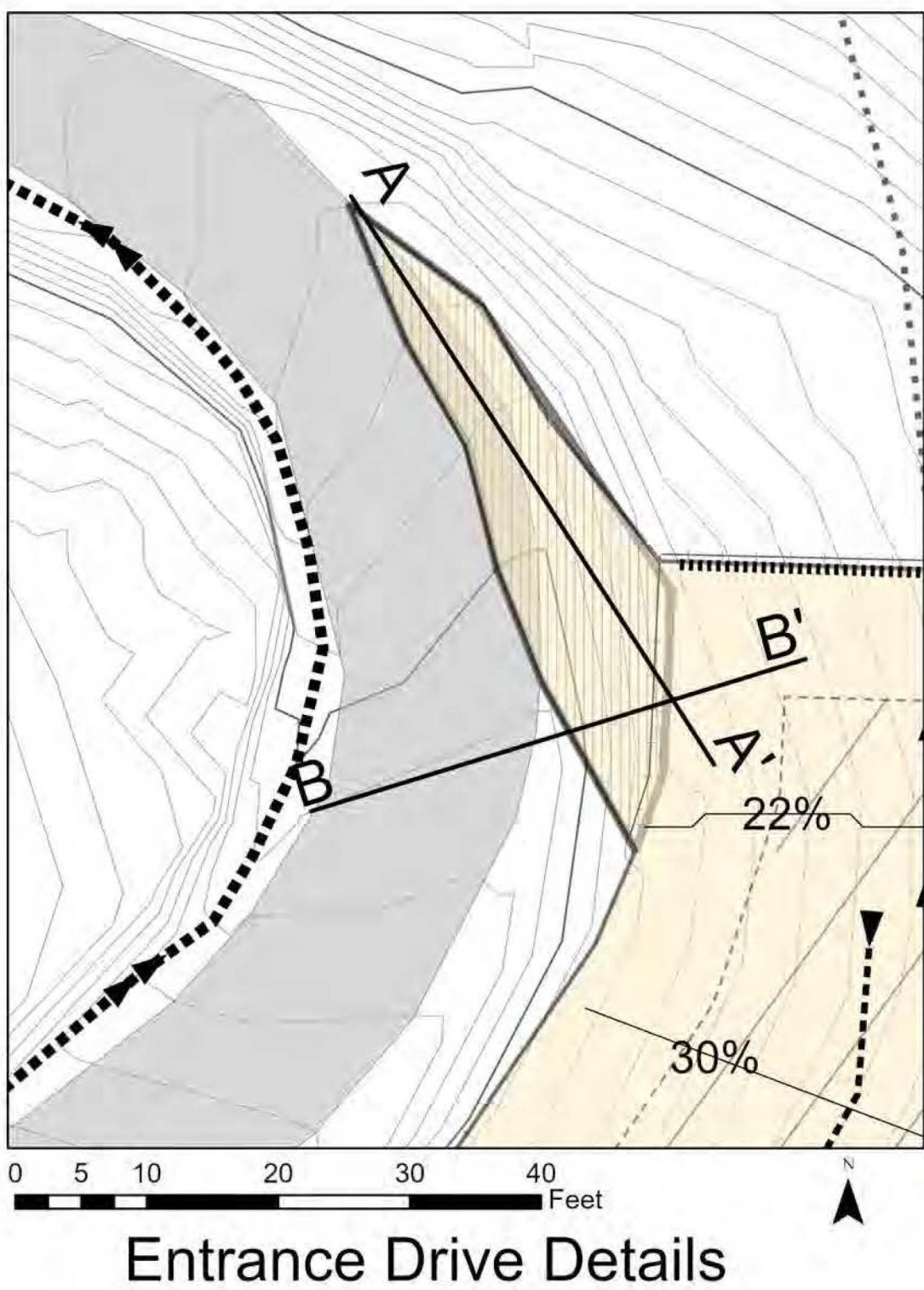
Estimated cut volume: 100 cubic yds
Estimated fill volume: 98 cubic yds
Excess material volume: 2 cubic yds

Excess soil material from excavation to be spread on Block C.
Excess rock material > 12 in diameter may be used on-site for RSP or other purposes if material is suitable per qualified professional.

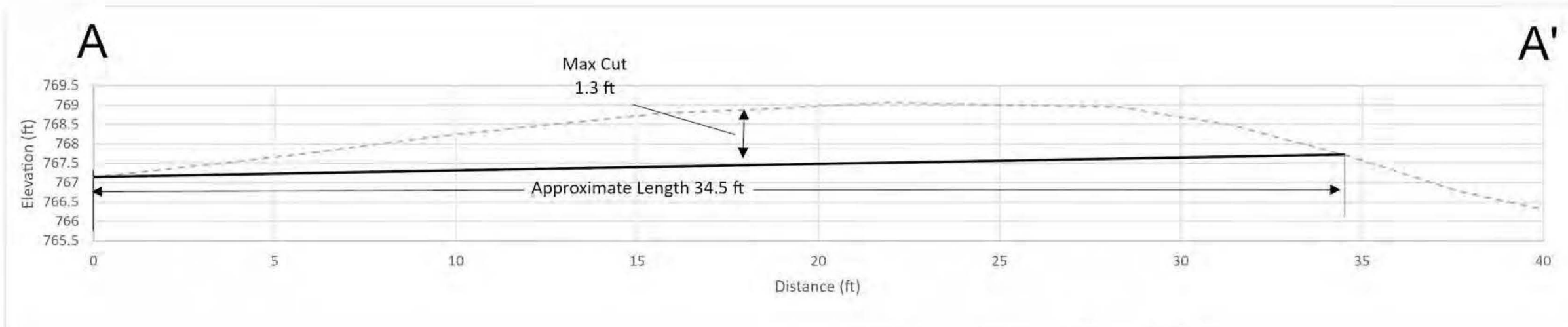
1/4 inch weep holes at 1 ft spacing in elevation starting 6 in below top of pipe
~4 inch spacing around circumference of pipe



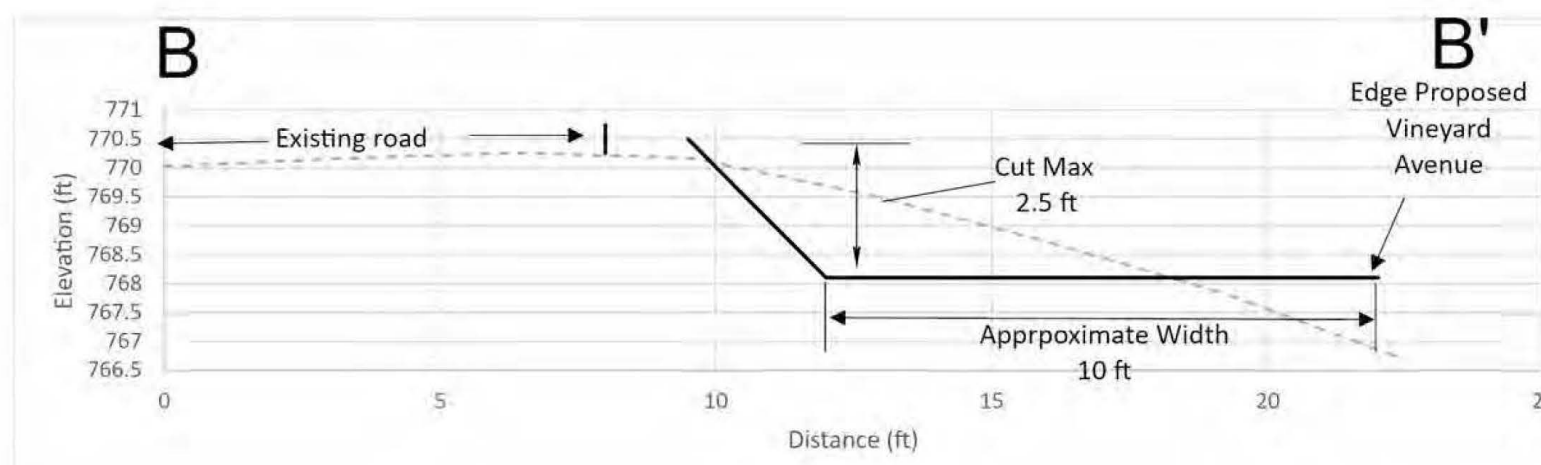
Drop Inlet Pipe Detail
Section B to B'
Not to Scale



Section A to A'

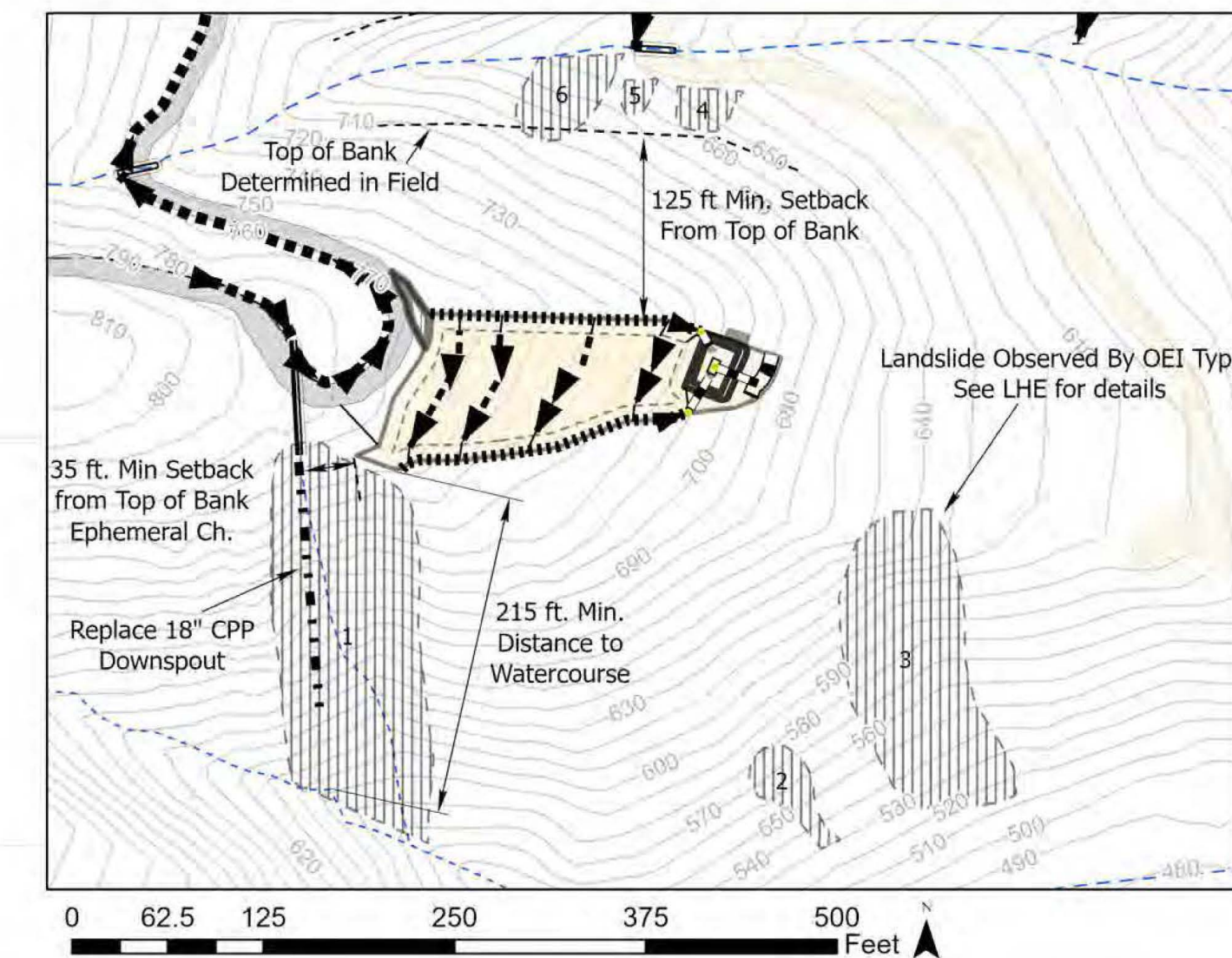


Section B to B'

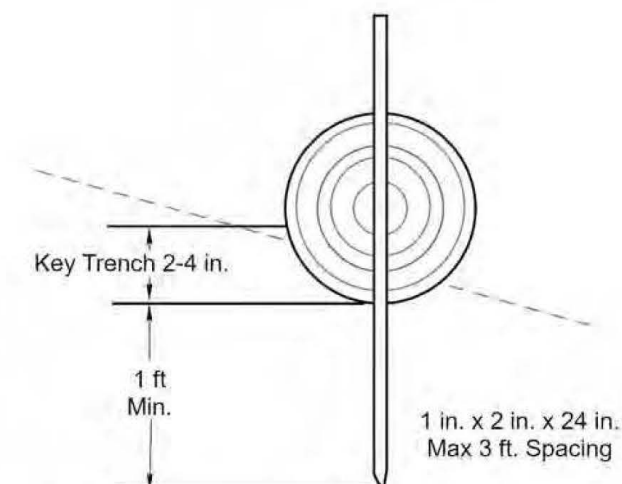


Shape access drive in field with a minimum width of 10 ft
Max potential cut depth 2.5 ft
Estimated max cut: 17 yd
Estimated max fill: 6 yd
Ensure all fill slopes have a minimum of 2H:1V slopes
Blend road edge into vineyard area topography
Ensure all cut slopes have a minimum of 1.5H:1V slopes
See notes regarding fill material requirements in the pond berm section of this sheet.

Top of Bank and Culvert Downspout Details



Top of bank determined as part of Landslide Hazard Evaluation(LHE) and associated 125 ft setback
Replacement of CPP downspout will require coordination in the field between the contractor and OEI to determine the length (100-200 ft) and specific layout of the downspout to avoid disturbance of perched soils



Wattle locations specified on map are for interim erosion control during the winter after Phase 1 work is completed.
Install along contour using staking directions above.

Straw Wattle Detail
Not to Scale

Straw Mulch Application
For Phase I Erosion Control:
2 tons / acre

Permanent Cover Crop Mix:

(Apply at 100 lbs./acre):
Blando Brome 50%
Zorro Fescue 20%
Rose Clover 20%
Crimson Clover 10%

BABU VINEYARDS: BLOCK C

EROSION CONTROL PLAN - Design Details

Revision Date : 6/17/2022
Date: 8/5/2021

Drawn By: MS
Approved By: MOC



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Path: N:\Projects\ActiveProjects\BABU_1-14_StHelena\GIS\Maps\BABU\BABU2021.aprx

SCALE: AS SHOWN

Sheet

2