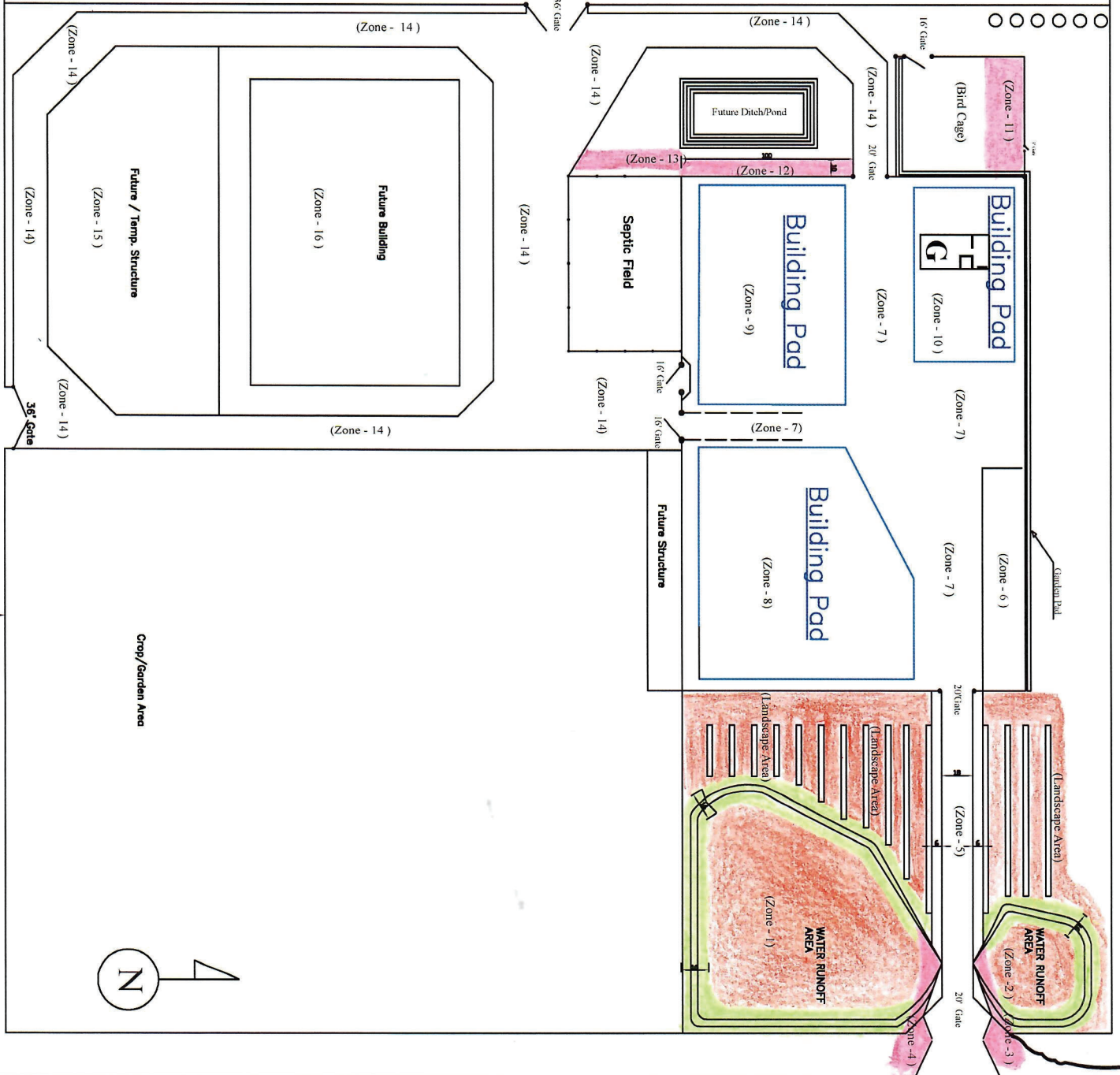
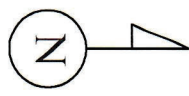


To Remaining Land / Total - 38.50 AC  
(Future USE)



Future 48th AVE  
40' ROW  
Ref No. 201500039141



BEHRENS ROAD

BEHRENS ROAD

Note - Landscape In front - Planting Trench 3' wide. Weed Barrier Landscape Fabric 3' wide pin to ground.  
 Note - Erosion control Blanket will be used and pin to ground. Repaving open ground will have layer of hay/straw compacted.  
 Note - Zone - 3, 11, 12 & 13 - highlighted/colored to show area of fill.  
 Note - Measurement (+,-)

**LEGEND**

- = Hay
- = 3' Weed Fabric
- = Erosion Control Blanket

**TITLE**

4845 Behrens Rd. Development

File Name : Erosion Control & Grading		
Revised - II Date	DATE	Sheet
09-11-2025	09-11-2025	1 of 1
SCALE (+,-)	CAD Plot Scale	
1/4"=6.36/1mm = 1'	1mm = 3.5 Unit	

## Step By Step to Complete Grading and Fill and Erosion Control.

- 1- Reason for Grading is to raise elevation in building and structure area 300'x200' apx. No outside soil be imported. Water runoff area Zone-1 & 2 is 1.5' depth from natural elevation. I am using this soil to fill Zone - 7,8,9 & 10.
- 2- Step 1- to excavate zone-1 & 2 (depth of 18"/1.5') and fill Zone - 7,8,9 & 10. As filling Zone 7,8,9 & 10 - every 8" to 12" Hight - soil will be compacted.
- 3- Step 2- Apply erosion control on Zone-1 & 2 and if any area with vegetation removed in process.
- 4- Step 3- Zone -7,8,9 & 10 - leveling and compacting to propose Hight (height-minus rock/aggregate fill). Then Apply Fill (Recycle Concrete up to 2") the compacted.

Then Apply up to 2" Recycle Asphalt - on Zone-7. (will be exact to Core Engineering Grading plan).

- 5- Zone-6 (future solar panel site) (clean and fill 1-1.5" Recycle Concrete Roadbase)

**Erosion Control:** I will be laying and pin to ground Erosion Control Blanket around Water runoff Area (Zone -1 & 2) approximately 16' wide all around. Edge of Zone 1 & 2; I will be applying hay/straw to build a layer and soak and compact the ground.

Landscape Are - I will be using 3' wide weed barrier fabric as shown on Drawing on proposed location of tree planting trench. Pin to ground. The Remaining open area will be hay/straw layer soak and compacted.

I will be seeding the whole are with verity of grass seed before applying erosion control is applied.

### This Year Work.

Zone-3 - Lay Mountain Granite Rip Rap or River Rock Cobblestone alongside of entrance with weed barrier fabric.

Zone-5- First 1-2" Recycle Concrete Roadbase. Second layer 2" - Recycle Asphalt Roadbase

Zone-7- First 1-2" Recycle Concrete Roadbase. Second layer 2" - Recycle Asphalt Roadbase

Zone- 8,9 & 10 - Recycle Concrete Roadbase

Zone-11- (level and clean) lay up to 2" Washed Concrete Sand

Zone-12 - (Leve and clean) lay up to 2" Recycle Concrete Roadbase

Zone-13 - (clean) (Location of LP Tank) lay up to 2" Recycle Concrete Roadbase

Zone-14 - (clean) Inter Road - lay up to 2" Recycle Concrete Roadbase

Note: - Core Engineering drawing does show straw Wattles around open ground. I do not think it would be needed because after grading and cleaning I will be laying Recycle Concrete Roadbase on exposed open soil. Exposed soil will be covered with in few days. However, if erosion is an issue after monitoring, I will apply hay/straw layer alongside fill area boundary.

Only Zone 1 & 2 and landscape are is main focus and needed of erosion control.

- 1) Recycle Concrete Roadbase ----- 283 cu yrd
- 2) Recycle Asphalt Roadbase ----- 111 cu yrd
- 3) Mountain Granite Class 6 Road Base ----- 98 cu yrd
- 4) Washed Concrete Sand ----- 15 cu yd
- 5) Mountain Granite Rip Rap (6" average)  
Or River Rock Cobblestone----- 33 cu yrd

**Second Year**

Zone - 5, & 7 Add more Recycled Asphalt Roadbase, "if needed" to maintain proposed elevation in grading are (shown in Core Grading plan).

Zone-14 (clean) lay up to 2" Recycle Recycled Asphalt Roadbase

Zone- 15 (clean) lay up to 2" Mountain Granite Class 6 Roadbase

Zone - 16 Any remining or extra materials will be used in this area and compacted.

- 1) Mountain Granite Class 6 Road Base ----66 cu yrd
- 2) Recycle Concrete Roadbase -----66 cu yrd
- 3) Recycle Asphalt Roadbase ----- 187 cu yrd

**Gross Estimated fill to be used in 2-year period 859 cu yrd. (Maybe less).** I might store these materials on site or get delivered as needed depending on extra help available to me. Targe is complete this 1<sup>st</sup> phase of construction within next year before moving to individual structural permits as needed.

Note- Hoping to complete all work done this year. If, not work will continue into second year.