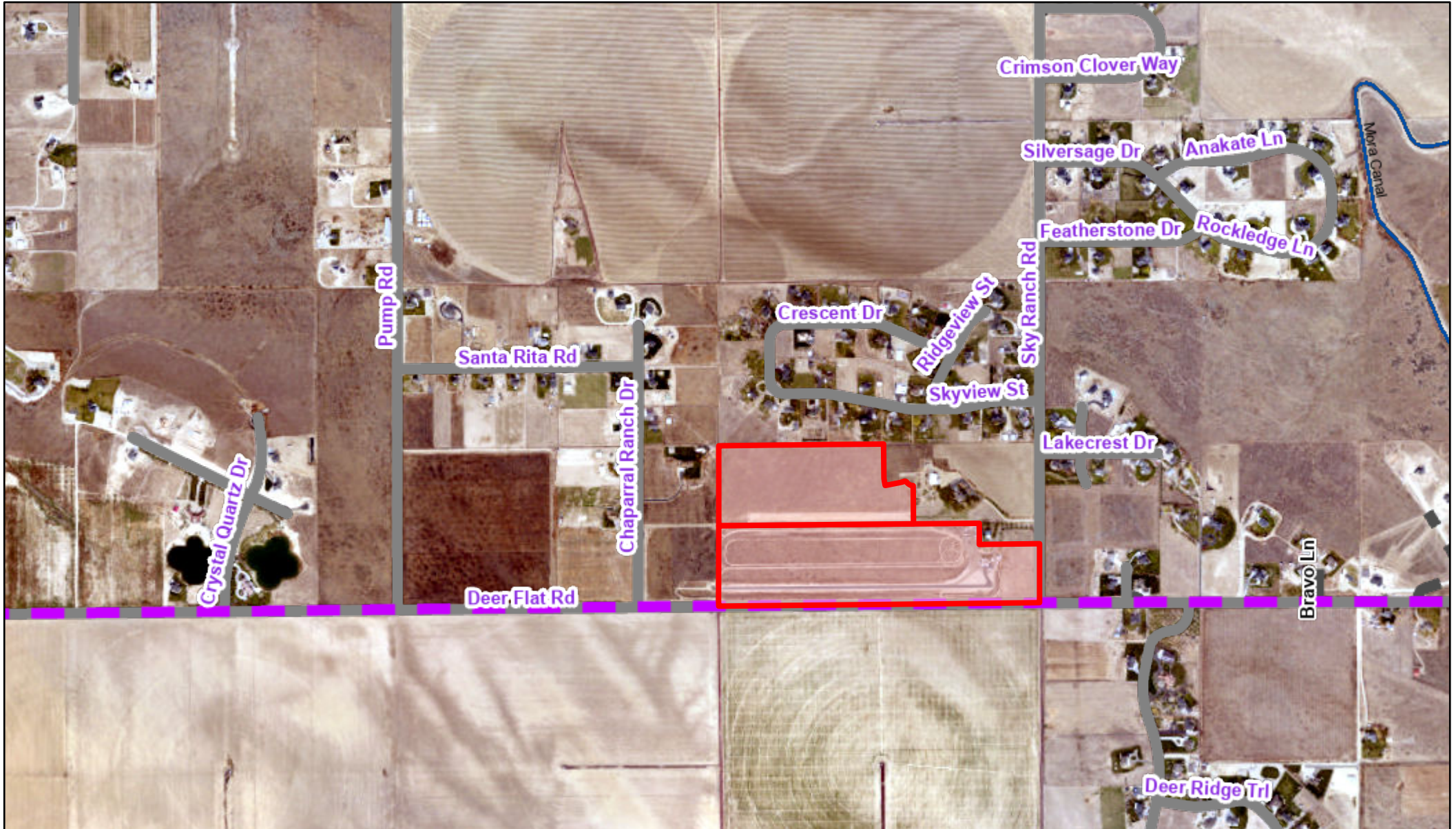


# Canyon County, ID Web Map



6/30/2023, 4:24:13 PM

Multiple Parcel Search \_Query result

Hydro\_NHDFlowline

CC\_PrivateRoads

CanyonCountyRoads

Roads

ITDFunctionalClassification

Major Collector

Canyon County Imagery\_2019

Red: Band\_1

Green: Band\_2

Blue: Band\_3

1:18,056

0 0.1 0.2 0.4 mi

0 0.17 0.35 0.7 km

Bureau of Land Management, State of Oregon, State of Oregon DOT, State of Oregon GEO, Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA



# MASTER APPLICATION

## CANYON COUNTY DEVELOPMENT SERVICES DEPARTMENT

111 North 11<sup>th</sup> Avenue, #310, Caldwell, ID 83605

[zoninginfo@canyoncounty.id.gov](mailto:zoninginfo@canyoncounty.id.gov)

Phone: 208-454-7458

Fax: 208-454-6633



<b>PROPERTY OWNER</b>	OWNER NAME: Scott and Stephanie Godfrey
	MAILING ADDRESS: 9135 Sky Ranch Road, Nampa, ID 83686
	PHONE: [REDACTED] EMAIL: [REDACTED]
I consent to this application and allow USD staff / Commissioners to enter the property for site inspections. If owner(s) are a business entity, please include business documents, including those that indicate the person(s) who are eligible to sign.	
Signature: <u>[Signature]</u> Date: <u>3/7/22</u>	

<b>(AGENT) ARCHITECT ENGINEER BUILDER</b>	CONTACT NAME: Penelope Constantikes
	COMPANY NAME: Riley Planning Services LLC
	MAILING ADDRESS: P.O. Box 405, Boise, ID 83701
	PHONE: 208.908.1609 EMAIL: penelope@rileyplanning.com

<b>SITE INFO</b>	STREET ADDRESS: 9135 Sky Ranch Road, Nampa, ID 83686	
	PARCEL #: R30121014A & R30121015	LOT SIZE/AREA: 6.464 & 33.763
	LOT:                      BLOCK:                      SUBDIVISION:	
	QUARTER: SE                      SECTION: 14                      TOWNSHIP: 2N                      RANGE: 3W	
	ZONING DISTRICT: RR                      FLOODZONE (YES/NO):	

N/A

<b>HEARING LEVEL APPS</b>	<input type="checkbox"/> CONDITIONAL USE <input type="checkbox"/> COMP PLAN AMENDMENT <input type="checkbox"/> CONDITIONAL REZONE
	<input type="checkbox"/> ZONING AMENDMENT (REZONE) <input type="checkbox"/> DEV. AGREEMENT MODIFICATION <input type="checkbox"/> VARIANCE > 33%
	<input type="checkbox"/> MINOR REPLAT <input type="checkbox"/> VACATION <input type="checkbox"/> APPEAL
	<input type="checkbox"/> SHORT PLAT SUBDIVISION <input type="checkbox"/> PRELIMINARY PLAT SUBDIVISION <input checked="" type="checkbox"/> FINAL PLAT SUBDIVISION

N/A

<b>DIRECTORS DECISION APPS</b>	<input type="checkbox"/> ADMINISTRATIVE LAND DIVISION <input type="checkbox"/> EASEMENT REDUCTION <input type="checkbox"/> SIGN PERMIT
	<input type="checkbox"/> PROPERTY BOUNDARY ADJUSTMENT <input type="checkbox"/> HOME BUSINESS <input type="checkbox"/> VARIANCE 33% >
	<input type="checkbox"/> PRIVATE ROAD NAME <input type="checkbox"/> TEMPORARY USE <input type="checkbox"/> DAY CARE
	<input type="checkbox"/> OTHER _____

CASE NUMBER: SD2022-0022	DATE RECEIVED: 4/25/22
RECEIVED BY: Maddy Vander Veen	APPLICATION FEE: \$1000 (CK) MO CC CASH



**TRANSMITTAL**

**TO:** CANYON COUNTY DEVELOPMENT SERVICES  
ATTN: Dan Lister

**FROM:** Penelope Constantikes *PC*

**DATE:** April 25, 2022

**RE:** **NORTH FORK RANCH SUBDIVISION PHASE 2  
FINAL PLAT SUBMITTAL**

---

Please find attached the following:

- CD with all required submittal materials including:
  - Construction Drawings
  - Final Plan
  - Drainage Report
  - Master Application
  - Final Plat Submittal Checklist

Hard copies of the following are also provided:

- Full Size Final Plat Sheets
- 11x17 Final Plat Sheets
- 11x17 copies of Construction Drawings
- Final Plat Submittal List
- Master Application
- Drainage Report

The CCR's submitted for North Fork Ranch Subdivision currently scheduled for Board Signature will also be in force for Phase 2.

Please do not hesitate to contact me if you have questions or need additional materials.

Thank you!

# **FINAL PLAT SUBMITTAL LIST**

## **CANYON COUNTY DEVELOPMENT SERVICES DEPARTMENT**

111 North 11<sup>th</sup> Avenue, #140, Caldwell, ID 83605

[www.canyonco.org/dsd.aspx](http://www.canyonco.org/dsd.aspx) Phone: 208-454-7458 Fax: 208-454-6633



### **THE FOLLOWING ITEMS MUST BE SUBMITTED WITH THIS CHECKLIST:**

<input checked="" type="checkbox"/>	Master Application completed and signed
<input checked="" type="checkbox"/>	Copy of Final Plat
<input checked="" type="checkbox"/>	Final Drainage Plan, if applicable
<input type="checkbox"/>	Final Irrigation Plan, if applicable N/A
<input type="checkbox"/>	Final Grading Plan, if applicable N/A
<input checked="" type="checkbox"/>	Construction Drawings for all required improvements § 07-17-29 (3)
<input checked="" type="checkbox"/>	<b>\$930 +\$10/lot +\$100( if in an area of impact) non-refundable fee</b>

### **NOTE:**

1. After the plat is reviewed and found to be in compliance, an **additional five (5) copies and one electronic version of the final plat** shall be submitted.
2. Evidence that all improvements have been completed or bonded per CCZO § 07-17-29 (4) should be provided as needed.

### **PROCESS: PUBLIC HEARING**





**Drainage Report**

for

**NORTH FORK RANCH  
SUBDIVISION NO. 2**

9135 Sky Ranch Rd  
Nampa, Canyon County, Idaho

Prepared for  
**Scott Godfrey**  
9135 Sky Ranch Rd  
Nampa, Idaho 83686  
(916) 416-0280

Prepared by

**Lance Warnick, PE**  
*Principal Engineer*  
Aspen Engineers, Chartered



Date Prepared  
**January 28, 2022**

Aspen File **21061**

**Aspen Engineers, Chartered**  
1619 N. Linder Rd, Suite 110  
Kuna, Idaho 83634  
208-466-8181  
AspenEngineers.com



## Table of Contents

<u>Section and Description</u>	<u>Page</u>
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3. Operation and Maintenance.....	4
4. Drawing Showing Site Drainage Area .....	6
5. Drainage Calculations for Area #1A .....	7
6. Drainage Calculations for Area #1B .....	9
7. Size Swale for Basin #1 .....	11
 <u>Appendices</u>	
A. Runoff Coefficient and Rainfall Intensity. ....	2 pages
B. Operation and Maintenance Forms .....	5 pages





## 1. Project Description

These calculations and attachments provide the background for the design for a new stormwater management system associated with the proposed development of North Fork Ranch Subdivision No. 2 located at 9135 Sky Ranch Rd in Nampa, Canyon County, Idaho. These calculations, together with the associated civil engineering plans are meant to provide information on the anticipated size and location of the drainage facilities that will be used to manage stormwater runoff from the first phase of the development.

The drainage area for the drainage system that will be created was determined by looking at the contour lines and identifying the approximate area of the proposed private street and an assumed portion of the neighboring residential lots that may flow to the proposed culvert and swale that will be used to manage stormwater runoff. A map showing the area for the drainage basin is included on Page 6.

As shown in the calculations in this report, the volume of stormwater generated from this drainage area was calculated using the rational method, a runoff coefficient of 0.45 which very conservative considering the nature of the proposed large rural lots and 100-year storm event recommended in the Highway District standards.

The size of the culvert that will convey stormwater runoff from the road were sized using the calculated peak flow for the time of concentration determined for THE drainage area. The general configuration and area of the drainage basin IS shown. Calculations for sizing the swale and culvert is included. There are then appendices that outline the anticipated runoff coefficients and rainfall intensity.

## 2. Sources of Information and Applicable Standards

The following sources of data were used in preparing these calculations:

- A. Idaho Standard Public Works Construction Committee. Idaho Standards for Public Works Construction, Current Edition.
- B. Catalog of Stormwater Best Management Practices for Idaho Cities and Counties (2005).
- C. Highway Standards and Development Procedures for the Association of Canyon County Highway Districts (2017).



### 3. Operation and Maintenance

This section is intended to address some anticipated operation of maintenance items that may need to be considered by the Homeowner's Association as part of the stormwater management system for the site.

A complete and thorough system inspection using the attached Inspection and Maintenance Forms (see Appendix C) shall be done three times a year (March, July and November and after any storm event that produces more than 0.5 inches of rainfall).

All maintenance work shall be done in accordance with OSHA regulations. All maintenance personnel shall always remember that safety is the first priority. Maintenance personnel should have the proper safety equipment (e.g., heavy boots, gloves, boots, first aid kits) and be properly trained before conducting any maintenance work.

As shown on the plans the swale will be lined with rocks or vegetation or other suitable materials to help reduce the potential for erosion.

The landscaped area of the site shall be regularly maintained through mowing, raking, etc. in order help keep the swale free from debris.

Dirt, leaves, grass clippings, and other materials shall be kept out of the street, borrow ditches, culverts and swale in order to avoid clogging the infiltration area in the bottom of the swale.

Contact utility companies before beginning to excavate any site since underground utilities may be present. Cover or clearly mark excavated areas that cannot be filled by the end of the day in order to alert site employees and visitors of the potential risk. Also, be aware of overhead utilities (e.g., electrical wires, cable, telephone) that could come into contact with maintenance equipment.

Identify where you will dispose of removed sediment or wastes prior to cleaning the storm water system. Use shovels, trowels, or a high-suction vacuum to remove wastes. Do not clean out sediment or waste with bare hands since it may be hazardous. Place the sediment or waste in an area where it cannot be washed into a storm drain or water body.

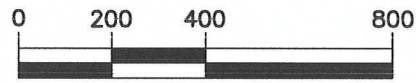
Wear gloves if any mechanical parts or structural components are going to be handled. Wearing gloves will reduce the risk of getting cuts and abrasions as well as reducing the risk of exposure of pollutants to the skin.

The following are some possible signs of problems relating to the performance of the stormwater system and a list of potential causes and probable remedies.

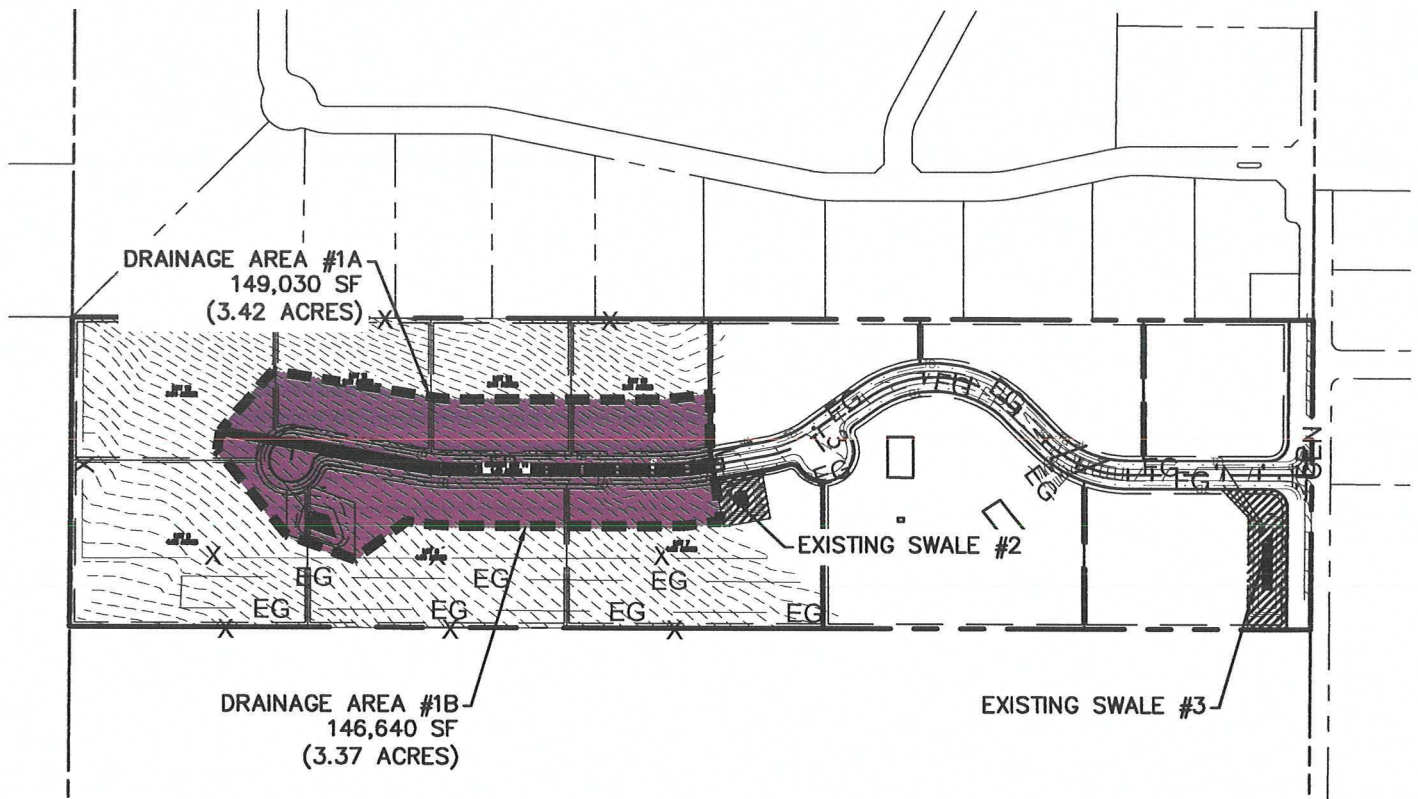




Sign of Failure	Potential Cause	Probably Remedies
Water is ponding in the borrow ditches at the end of the culverts.	Debris has clogged the culverts and blocked water from entering the culvert.	Remove debris from culvert. Provide better housekeeping on landscape wastes and schedule more frequent cleaning.
Erosion where the culverts enter the swale.	High flows of stormwater runoff caused erosion of the swale.	To prevent further erosion, place fabric and cobblestone on the east side of the swale where the erosion has occurred,
Swale doesn't drain within 48 hours of a storm event.	Stormwater has carried sediments into the swale. The sediments have clogged the soils at the bottom of the swale.	Remove accumulated sediment. Scarify the bottom of the swale and replace with soil new, clean filter sand. It is recommended that a backhoe operator be used for this task.



SCALE (FT)





Project: North Fork Ranch No. 2  
 Subject: Drainage Report  
 By: L. Warnick

Number: 21061  
 Date: 01/28/22  
 Page: 7



### 5. DRAINAGE CALCULATIONS FOR AREA #1A

Find the following parameters that will be used to calculate the time of concentration for the drainage area.

#### A. Time of Saturation (Ts)

Time of Saturation (Ts) 10 min Assumed (see Section 3070.010.C)

#### B. Sheet Flow Travel Time (Tsheet)

n Manning's roughness coefficient	0.24	See Table in 3070.010.C (grass)
L Flow Length	125 ft	Assumed 125' in front of lot
I Rainfall Intensity	1 in/hr	See Section 3070.010.C
s Slope	0.05 ft/ft	Assumed sloping to road

Time of sheet (Tsheet) =  $\frac{0.9333*(n*L)^{0.6}}{(I)^{0.4}*s^{0.3}}$   
 T(sheet) 3 min

#### C. Pipe Flow Travel Time (Tpipe)

L Length of pipe	0 ft	No culvert
v Velocity in pipe	2 fps	Assumed (see Section 3070.010.C)

Tpipe = L/v = 0 sec  
 Tpipe 0.0 min

#### D. Open Channel Flow Travel Time (Tchannel)

Ss Stationing for start of channel	36+24 ft	High point on plans
Se Stationing for end of channel	27+00 ft	Center of culdesac
L Length =  Ss-Se	924 ft	Absolute value
v Velocity in channel	1.5 fps	Assumed (see Section 3070.010.C)

Tchannel = L/v = 616 sec  
 Tchannel 10 min

#### E. Find Time of Concentration (Tc)

Time of concentration (Tc) is the sum of: the time of saturation; sheet flow travel time; pipe flow travel time; and open channel flow.

Tc = Ts + Tsheet + Tpipe + Tchannel 22.8 min

Assumed time of concentration = 20 min Rounded

#### F. Find Peak Runoff

The peak runoff (used for culvert sizing) will be calculated using the time of concentration calculated above for the 100 year storm event outlined in Section 3070.010.D

Using the Rational Method (Qp = CIA) for the design storm.

C Runoff Coefficient	0.45	Assumed for mix of acreage and road
I Intensity	2.1 in/hr	See Appendix A.2 (100-yr, 20-min)
A Drainage Area	3.57 acres	See Page 5
Qp Peak Runoff = C*I*A	3.37 cfs	

**Project:** North Fork Ranch No. 2  
**Subject:** Drainage Report  
**By:** L. Warnick

**Number:** 21061  
**Date:** 01/28/22  
**Page:** 8



**G. Find Runoff Volume**

The runoff is calculated using the triangular SCS unit hydrograph as outlined in Section 3070.010.E.

Qp Peak Runoff	3.37 cfs	See above
Tc Time of concentration	20 in/hr	See above
$V = 1/2 * Qp (2.67 * Tc * 60)$	5,405 cfs	



Project: North Fork Ranch No. 2  
 Subject: Drainage Report  
 By: L. Warnick

Number: 21061  
 Date: 01/28/22  
 Page: 9



**6. DRAINAGE CALCULATIONS FOR AREA #1B**

Find the following parameters that will be used to calculate the time of concentration for the drainage area.

**A. Time of Saturation (Ts)**

Time of Saturation (Ts) 10 min Assumed (see Section 3070.010.C)

**B. Sheet Flow Travel Time (Tsheet)**

n Manning's roughness coefficient	0.24	See Table in 3070.010.C (grass)
L Flow Length	140 ft	Assumed 150' in front of lot
I Rainfall Intensity	1 in/hr	See Section 3070.010.C
s Slope	0.014 ft/ft	Assumed sloping to road

Time of sheet (Tsheet) =  $\frac{0.9333 \cdot (n \cdot L)^{0.6}}{(I)^{0.4} \cdot s^{0.3}}$   
 T(sheet) 4 min

**C. Pipe Flow Travel Time (Tpipe)**

L Length of pipe	0 ft	No pipe
v Velocity in pipe	2 fps	Assumed (see Section 3070.010.C)

Tpipe = L/v = 0 sec  
 Tpipe 0.0 min

**D. Open Channel Flow Travel Time (Tchannel)**

Ss Stationing for start of channel	36+24 ft	High point on plans
Se Stationing for end of channel	27+00 ft	Location of culvert
L Length =  Ss-Se	924 ft	Absolute value
v Velocity in channel	1.5 fps	Assumed (see Section 3070.010.C)

Tchannel = L/v = 616 sec  
 Tchannel 10 min

**E. Find Time of Concentration (Tc)**

Time of concentration (Tc) is the sum of: the time of saturation; sheet flow travel time; pipe flow travel time; and open channel flow.

Tc = Ts + Tsheet + Tpipe + Tchannel 24.1 min

Assumed time of concentration = 20 min Rounded

**F. Find Peak Runoff**

The peak runoff (used for culvert sizing) will be calculated using the time of concentration calculated above for the 100 year storm event outlined in Section 3070.010.D

Using the Rational Method (Qp = CIA) for the design storm.

C Runoff Coefficient	0.45	Assumed for mix of acreage and road
I Intensity	2.1 in/hr	See Appendix A.2 (100-yr, 20-min)
A Drainage Area	3.38 acres	See Page 5
Qp Peak Runoff = C*I*A	3.19 cfs	

**Project:** North Fork Ranch No. 2  
**Subject:** Drainage Report  
**By:** L. Warnick

**Number:** 21061  
**Date:** 01/28/22  
**Page:** 10



**G. Find Runoff Volume**

The runoff is calculated using the triangular SCS unit hydrograph as outlined in Section 3070.010.E.

Qp Peak Runoff	3.19 cfs	See above
Tc Time of concentration	20 in/hr	See above
$V = 1/2 * Qp (2.67 * Tc * 60)$	5,117 cfs	

Project: North Fork Ranch No. 2  
 Subject: Drainage Report  
 By: L. Warnick

Number: 21061  
 Date: 01/28/22  
 Page: 11



**7. SWALE SIZING FOR BASIN #1**

**A. Find Runoff Volume (Vr)**

The runoff volume for the site will be calculated using the basins that flow into the swale.

Basin #1A	5,405 cf	See Section 5 of drainage report
Basin #1B	5,117 cf	See Section 6 of drainage report
Vr Runoff Volume (sum of basins)	<input type="text" value="10,522 cf"/>	

**B. Increase Runoff by 15% to Find Required Storage Volume**

Vr Runoff Volume	10,522
Vs Required Storage = Vr * 1.15	<input type="text" value="12,100 cf"/>

**C. Find Storage Capacity in Swale**

Ab Bottom Area of Swale	1,972 sf	See Plan
Aw Water Area @ Design Depth	5,828 sf	See Plan
Dw Design Water Depth	4.00 ft	See Plan

Va Storage Volume = Dw / 3 [Ab + (Ab * Aw)^0.5 + Aw]	
Va Available Storage Volume (Va)	<input type="text" value="14,920 cf"/> Swale #1

**D. Check in Available Storage in Swale is Greater Than Required Storage**

Va Available Storage Volume	14,920 cf
V Required Storage Volume	12,100 cf
Available > Required?	<input type="text" value="YES"/>

**E. Find Time for Runoff to Infiltrate into Subsurface**

Vr Runoff Volume = Q*t	10,522 cf	
Ap Percolation Area =	1,972 sf	Bottom area of swale
r Percolation Rate	2 in/hr	Assumed to be 1/4 of filter sand
t Time to Percolate = Vr/(Ap*r/12)	<input type="text" value="32"/> hr	
Percolation Time < 48 hr?	<input type="text" value="OK"/>	

**F. Find Size of Culvert Needed**

The size of the culvert entering the swale will be calculated using the peak discharge calculated in the previous sections.

Basin #1A	3.37 cfs	See Section 5 of drainage report
Basin #1B	3.19 cfs	See Section 6 of drainage report
Q Runoff Volume (sum of basins)	<input type="text" value="6.57 cfs"/>	

D Pipe Diameter	15 in	
A Pipe flow area = pi * D^2 / 4 =	1.23 ft <sup>2</sup>	
R Roughness coefficient =	0.024 CMP	
R Hydraulic Radius = D/4	0.313 feet	
s Slope =	9.30%	Actual slope

Qc Flow = [1.49 / n * A * R^2/3 * s^0.5]	
Qc Flow Capacity =	<input type="text" value="10.70 cfs"/>
Flow (Qc) > Peak Runoff (Qp)?	<input type="text" value="YES"/>





**APPENDIX A**

**RUNOFF COEFFICIENTS AND RAINFALL INTENSITY**

D. Peak Runoff - The peak runoff rate ( $Q_p$ ) when determined by the Rational Method shall use the following equation and coefficients:

$$Q_p = C I A$$

Where:

$Q_p$  = Peak Runoff Rate (cubic feet per second)

C = Runoff Coefficient (See Table)

I = Rainfall Intensity (inches per hour)

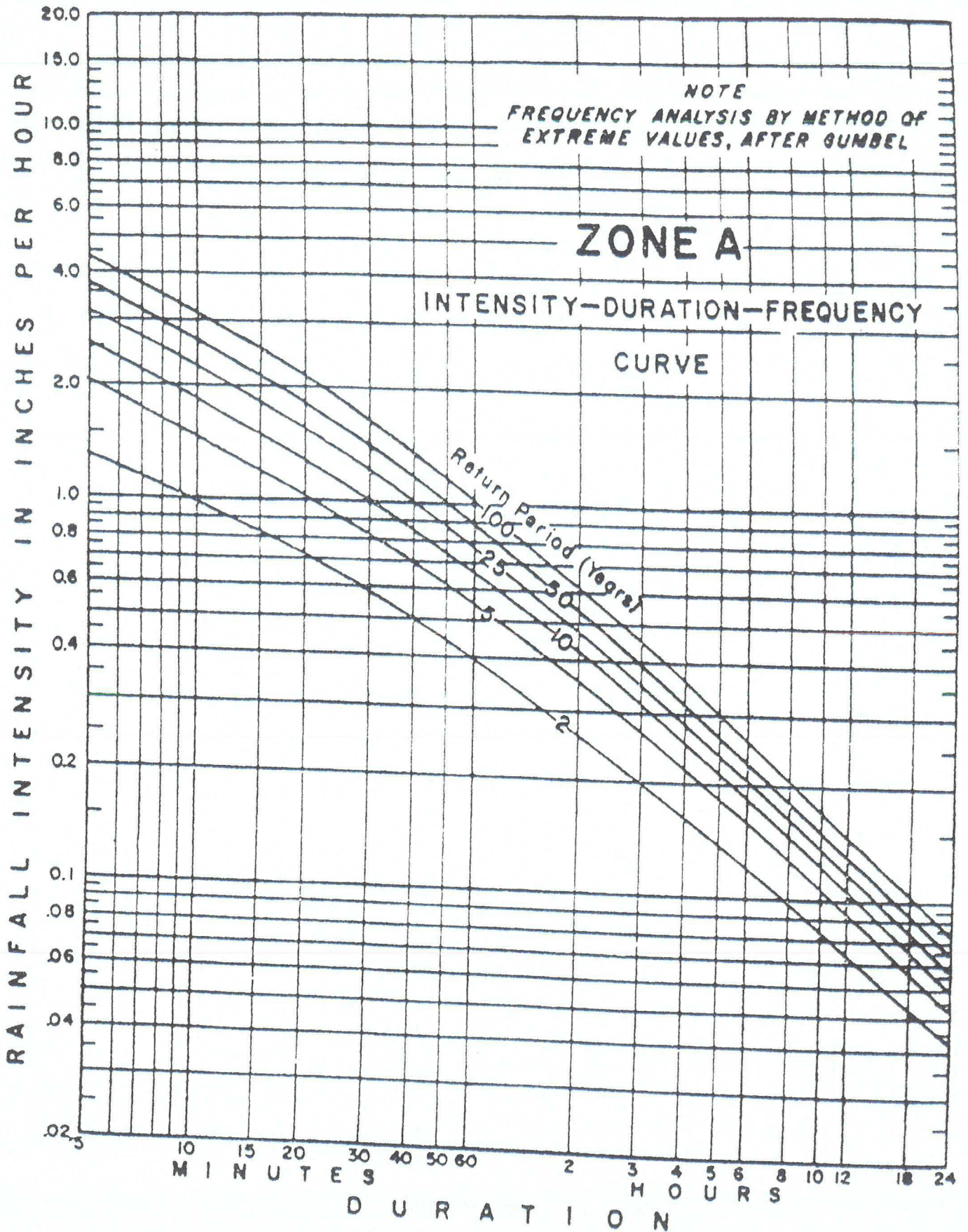
A = Tributary Area (Acres)

The Runoff Coefficient shall be selected from the following table for the appropriate surface type. If more than one surface type is present within the drainage area, a composite Runoff Coefficient shall be determined based on the individual area and coefficient of each surface type.

Surface Description	c
Pavement	
Asphalt and Concrete	0.95
Brick	0.85
Roofs	0.95
Lawns, Sandy Soil	
Flat (<2%)	0.10
Average (2% to 7%)	0.15
Steep (>7%)	0.20
Lawns, Heavy Soil	
Flat (<2%)	0.17
Average (2% to 7%)	0.22
Steep (>7%)	0.35

Table adapted from ACSE Design and Construction of Urban Stormwater Management Systems.

The intensity shall be determined from the Idaho Transportation Department's Intensity-Duration-Frequency Curves for Zone A based on the time of concentration (duration) and frequency (return period).







**APPENDIX B**

**OPERATION AND MAINTENANCE FORMS**







## OM-2 Infiltration

Stormwater system feature	✓	Are any of these conditions present?	Problem	Recommendation
General		standing water is present 24 hours after storm event	sediment buildup on bottom or sides of infiltration system	Excavate infiltration system and remove excess sediment. Dispose of sediment properly. An engineer or geotechnical consultant should examine drainrock and filter fabric to determine if replacement is needed. Re-install infiltration system 12" into free draining material.
		standing water is present 24 hours after storm event	infiltration system incorrectly designed or sited (high ground water area)	Review options for managing storm water as described in the Boise City Storm Water Management Design Manual. Infiltration may not be allowed. Contact the Boise Public Works Department for more information.
			infiltration system incorrectly constructed	Excavate infiltration system and re-install infiltration system 12" into free draining material.  If good free draining material is not accessible, contact the design engineer to see if a more appropriate drainage system can be installed.
		offensive odor, color, or sludge is present	unknown or uncharacteristic substance	Remove substance and eliminate its source. If you do not know if the substance is hazardous, either take a sample or contact a qualified hazardous waste consultant for more information.
		propane, oil, or gasoline odor or puddle is present	accumulation of petroleum products	Contact a qualified hazardous waste consultant for information on proper treatment and disposal of petroleum products.
		excessive debris, sediment, and oil buildup is present	pretreatment system not working properly	Clean out accumulated debris in pretreatment system and dispose of properly
			pretreatment system not installed	Install a pretreatment system upgradient from the infiltration system. The pretreatment system should be approved by Boise City Public Works.
Inlet/outlet pipes		standing water is present 24 hours after storm event	clogged pipes	Clean out sediment and debris from pipes. See OM-10, Pipes, for more information

## OM-9 Catch Basins

Stormwater system feature	✓	Are any of these conditions present?	Problem	Recommendation
General		yard wastes or non-degradable materials (glass, plastic, styrofoam, etc.) are blocking the front of the catch basin or grate by 10%	accumulation of trash and debris	Remove trash and debris from front of catch basin opening or grate. Dispose of waste properly.
		frame has separated more than 3/4" from the top slab	frame separation	Reset frame even with top of slab.
		propane, oil, gasoline odor, offensive color or odor, or sludge is present	accumulation of petroleum products or unknown or uncharacteristic substances	Contact a qualified hazardous waste consultant for more information.
		top slab has cracks wider than 1/4" or holes larger than 2"	defective top slab	Replace or repair slab to design specifications.
		corner of frame extends more than 3/4" top slab past curb face into the street	structural damage to frame or top of slab	Reset frame even with curb. Replace slab, if necessary.
		catch basin has cracks wider than 1/2" and longer than 3"; soil is entering the catch basin through the cracks	defective catch basin	Replace or repair catch basin to original design specifications. You may need to contact the design engineer to evaluate the structural integrity of the catch basin.
		catch basin has settle more than 1' or has moved more than 2" out of alignment	basin settlement/alignment	Replace or repair catch basin to original design specifications. You may need to contact the design engineer to evaluate the structural integrity of the catch basin.
		grate bars are broken or grate is missing	grate is damaged or missing	Replace or repair grate to design specifications.
Inlet/outlet pipes		trash or sediment in the inlet/outlet pipe is blocking more than 1/3" of the diameter of the pipe	trash or sediment accumulation	Remove trash and sediment from pipes. Dispose of wastes properly.
		pipings has cracks wider than 1/2" and longer than 1' at the joint; soil is entering the catch basin through the cracks	cracked pipes	Replace or repair pipe to original design specifications.
		vegetation is growing in inlet/outlet pipe joints	overgrown vegetation	Remove vegetation from pipe joints.

## OM-10 Pipes

Stormwater system feature	✓	Are any of these conditions present?	Problem	Recommendation
General		accumulated sediment or trash exceeds 20% of the diameter of the pipe	excess accumulation of sediment or trash	<p>Clean out sediment and trash from pipe. You can use a high pressure hose, vacuum suction, or other appropriate cleaning method.</p> <p>Contact the design engineer for information on appropriate cleaning methods for your type of drainage system.</p>
		vegetation is impeding water flow	overgrown vegetation	<p>Clean out sediment and trash from pipe. You can use a high pressure hose, vacuum suction, or other appropriate cleaning method.</p> <p>Contact the design engineer for information on appropriate cleaning methods for your type of drainage system.</p>
		pipe is rusted; protected coating is damaged	corroded pipe	Replace or repair pipe to original design specifications.
		dent in pipe has reduced the pipe diameter by 20%; water flow is impeded; pipe is broken	defective pipe	Replace or repair pipe to original design specifications.
		water is leaking from pipe	cracked pipe	Replace or repair pipe to original design specifications.



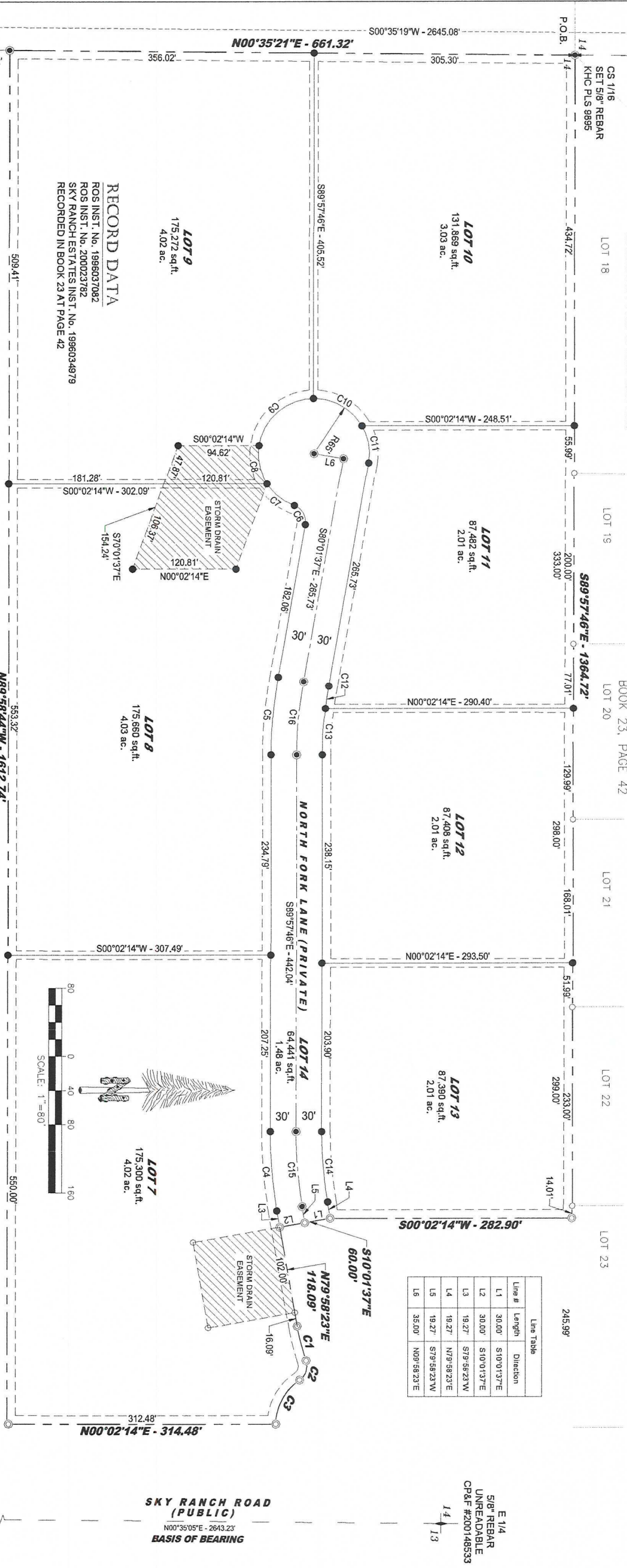
# NORTH FORK RANCH SUBDIVISION No. 2

A PORTION OF THE SOUTHEAST 1/4, OF SECTION 14,  
TOWNSHIP 2 NORTH, RANGE 3 WEST, B.M.,  
CANYON COUNTY, IDAHO  
-2022-

**SURVEYORS NARRATIVE**  
THIS PLAT WAS EXECUTED AT THE REQUEST OF SCOTT J. AND STEPHANIE J. GODFREY. TO ESTABLISH THE BOUNDARY AS SHOWN, BOUNDARY WAS DEFINED FROM FOUND MONUMENTS OF RECORD.

**BASIS OF BEARING:**  
THE EAST LINE OF THE SOUTHEAST 1/4 OF SECTION 14, TOWNSHIP 2 NORTH, RANGE 3 WEST, BOISE MERIDIAN, DERIVED FROM FOUND MONUMENTS AND TAKEN AS NORTH 00°35'05" EAST WITH THE DISTANCE BETWEEN MONUMENTS FOUND TO BE 2643.23 FEET.

**SKY RANCH ESTATES**  
BOOK 23, PAGE 42



**Line Table**

Line #	Length	Direction
L1	30.00'	S10°01'37"E
L2	30.00'	S10°01'37"E
L3	19.27'	S79°58'23"W
L4	19.27'	N79°58'23"E
L5	19.27'	S79°58'23"W
L6	35.00'	N09°56'23"E

**Curve Table**

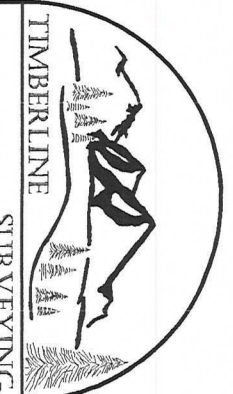
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	BEARING
C1	41.74'	280.00'	8°32'27"	20.91'	41.70'	N75°42'10"E
C2	25.74'	20.00'	73°44'19"	15.00'	24.00'	N7°41'55"W
C3	60.91'	65.00'	53°41'12"	32.90'	56.70'	S61°40'21"E
C4	93.10'	500.00'	10°03'51"	46.67'	92.96'	S66°00'19"W
C5	91.91'	500.00'	9°56'09"	46.07'	91.79'	N84°59'41"W
C6	27.87'	20.00'	79°50'09"	16.73'	26.87'	S60°03'19"W
C7	41.72'	65.00'	36°46'35"	21.61'	41.01'	N33°31'32"E
C8	47.09'	65.00'	41°30'39"	24.63'	46.07'	N77°40'09"E
C9	91.92'	65.00'	81°01'42"	55.54'	84.46'	S41°03'41"E
C10	68.38'	65.00'	60°16'32"	37.74'	65.27'	S29°35'25"W
C11	45.66'	65.00'	40°14'41"	23.82'	44.72'	S79°51'02"W
C12	27.53'	470.00'	3°21'22"	13.77'	27.53'	S81°42'18"E
C13	53.97'	470.00'	6°34'47"	27.02'	53.94'	S86°40'22"E
C14	82.56'	470.00'	10°03'51"	41.39'	82.45'	N85°00'19"E
C15	87.83'	500.00'	10°03'51"	44.03'	87.71'	S85°00'19"W
C16	86.71'	500.00'	9°56'09"	43.46'	86.60'	N84°59'41"W

**APPROVAL OF NAMPA HIGHWAY DISTRICT NO. 1**  
NAMPA HIGHWAY DISTRICT NO. 1 DOES HEREBY ACCEPT THIS PLAT AND THE DEDICATED PUBLIC STREETS, HIGHWAYS AND RIGHTS-OF-WAY AS ARE DEPICTED ON THIS PLAT, IN ACCORDANCE WITH THE PROVISIONS OF I.C. § 50-1312. PRIVATE STREETS DEPICTED ON THIS PLAT ARE NOT MAINTAINED BY OR UNDER THE JURISDICTION OF THE HIGHWAY DISTRICT. THERE IS NO LEGAL OBLIGATION OR ASSURANCES THAT THE PRIVATE STREETS WILL BE ACCEPTED AS PUBLIC STREETS IN THE FUTURE.

CHAIRMAN \_\_\_\_\_ DATE \_\_\_\_\_

**DISCLAIMER**  
Timberline Surveying assumes no responsibility for the present or future compliance or non-compliance of this plat with applicable laws and regulations. The plat includes building permits of the issuance hereof.

Revised to Match Civil Dwg's



DATE: Dec 1/10/21

DESCRIPTION:

CERTIFICATE OF OWNERS

KNOW ALL MEN BY THESE PRESENT THAT THE UNDERSIGNED ARE THE OWNERS OF A REAL PARCEL OF LAND HEREIN AFTER DESCRIBED AND THAT IT IS THEIR INTENTION TO INCLUDE SAID PROPERTY IN THIS SUBDIVISION PLAT.

THE FOLLOWING DESCRIBES A PARCEL OF LAND LOCATED IN THE SOUTHEAST 1/4 OF SECTION 14, TOWNSHIP 2 NORTH, RANGE 3 WEST, BOISE MERIDIAN, CANYON COUNTY, IDAHO, BEING FURTHER DESCRIBED AS FOLLOWS:

**BASIS OF BEARING:**  
 THE EAST LINE OF THE SOUTHEAST 1/4 OF SECTION 14, TOWNSHIP 2 NORTH, RANGE 3 WEST, BOISE MERIDIAN, DERIVED FROM FOUND MONUMENTS AND TAKEN AS NORTH 00°35'05" EAST WITH THE DISTANCE BETWEEN MONUMENTS FOUND TO BE 2643.23 FEET.

**BEGINNING AT THE CENTER SOUTH 1/16 CORNER OF SAID SECTION 14, TOWNSHIP 2 NORTH, RANGE 3 WEST, BOISE MERIDIAN,**

THENCE LEAVINGS SAID CENTER SOUTH 1/16 CORNER AND ALONG THE NORTH LINE OF THE SOUTH 1/2 OF THE SOUTHEAST 1/4, SOUTH 89°57'48" EAST, A DISTANCE OF 1,364.72 FEET;

THENCE LEAVING SAID NORTH LINE, SOUTH 00°02'14" WEST, A DISTANCE OF 282.90 FEET;

THENCE SOUTH 10°01'37" EAST, A DISTANCE OF 60.00 FEET;

THENCE SOUTH 79°58'23" WEST, A DISTANCE OF 19.27 FEET;

THENCE ALONG A CURVE TO THE RIGHT, WITH A RADIUS OF 530.00 FEET AND A CENTRAL ANGLE OF 10°03'51" AN ARC LENGTH OF 93.10 FEET WITH A CHORD BEARING OF SOUTH 85°00'19" WEST AND A CHORD DISTANCE OF 92.98 FEET;;

THENCE NORTH 89°57'48" WEST, A DISTANCE OF 442.04 FEET;

THENCE ALONG A CURVE TO THE RIGHT, WITH A RADIUS OF 530.00 FEET AND A CENTRAL ANGLE OF 09°56'09" AN ARC LENGTH OF 91.91 FEET WITH A CHORD BEARING OF NORTH 84°59'41" WEST AND A CHORD DISTANCE OF 91.79 FEET;;

THENCE NORTH 80°01'37" WEST, A DISTANCE OF 272.97 FEET;

THENCE ALONG A CURVE TO THE LEFT, WITH A RADIUS OF 20.00 FEET AND A CENTRAL ANGLE OF 53°58'05" AN ARC LENGTH OF 18.84 FEET WITH A CHORD BEARING OF SOUTH 72°59'20" WEST AND A CHORD DISTANCE OF 18.15 FEET;;

THENCE ALONG A REVERSE CURVE TO THE RIGHT, WITH A RADIUS OF 65.00 FEET AND A CENTRAL ANGLE OF 89°01'57" AN ARC LENGTH OF 101.00 FEET WITH A CHORD BEARING OF NORTH 89°28'44" WEST AND A CHORD DISTANCE OF 91.14 FEET;

THENCE SOUTH 45°02'14" WEST, A DISTANCE OF 21.21 FEET;;

THENCE NORTH 89°57'48" WEST, TO A POINT ON THE WEST LINE OF THE SOUTHEAST 1/4 A DISTANCE OF 340.82 FEET;

THENCE ALONG SAID WEST LINE, NORTH 00°35'19" EAST, A DISTANCE OF 318.01 FEET TO THE POINT OF BEGINNING.

SAID PARCEL CONTAINING 457,230 SQUARE FEET OR 10.50 ACRES, MORE OR LESS AND IS SUBJECT TO ALL EXISTING EASEMENTS AND RIGHTS-OF-WAYS OF RECORD OR IMPLIED.

THE PUBLIC STREETS SHOWN ON THIS PLAT ARE HEREBY DEDICATED TO THE PUBLIC. THE EASEMENTS AS SHOWN ON THIS PLAT ARE NOT DEDICATED TO THE PUBLIC, HOWEVER THE RIGHT TO USE SAID EASEMENT IS PERPETUALLY RESERVED FOR PUBLIC UTILITIES AND FOR ANY OTHER USES AS DESIGNATED HEREON, AND NO PERMANENT STRUCTURES ARE TO BE ERRECTED WITHIN THE LINES OF SAID EASEMENTS.

IN WITNESS WHEREOF, WE HAVE HERE UNTO SET OUR HANDS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2020

SCOTT J. GODFREY TRUSTEE, GODFREY LIVING TRUST

STEPHANIE J. GODFREY TRUSTEE, GODFREY LIVING TRUST

ACKNOWLEDGMENT

STATE OF IDAHO }  
 COUNTY OF CANYON } ss.

ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2020, BEFORE ME, A NOTARY PUBLIC, PERSONALLY APPEARED SCOTT J. AND STEPHANIE J. GODFREY HUSBAND AND WIFE, AND TRUSTEES OF GODFREY LIVING TRUST, KNOWN OR IDENTIFIED TO ME TO BE THE OWNERS OF NORTH FORK RANCH SUBDIVISION AND THAT EXECUTED THE ABOVE INSTRUMENT, AND ACKNOWLEDGED TO ME THAT THEY EXECUTED THE SAME.


NOTARY PUBLIC FOR IDAHO \_\_\_\_\_  
 MY COMMISSION EXPIRES: \_\_\_\_\_

**DISCLAIMER**  
 Timberline Surveying assumes no responsibility for present or future compliance or noncompliance of any ordinance or code that may be adopted or amended after the date of recording of this instrument. The only source of such ordinance or code is the source thereof.

**NORTH FORK RANCH SUBDIVISION No. 2**

NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE IDAHO STANDARDS FOR THE PUBLIC WORKS CONSTRUCTION (ISFWC).
2. ANY RE-SUBDIVISION OF THIS PLAT SHALL COMPLY WITH THE APPLICABLE ZONING REGULATIONS IN EFFECT AT THAT TIME.
3. SEWAGE DISPOSAL SHALL BE PROVIDED BY INDIVIDUAL SEPTIC SYSTEMS. ALL SEPTIC SYSTEMS SHALL BE APPROVED BY THE SOUTHWEST DISTRICT HEALTH DEPARTMENT (SWDHD), AND MUST BE SIZED IN ACCORDANCE WITH SWDHD RULES AND REGULATIONS.
4. WATER SUPPLY SHALL BE PROVIDED BY INDIVIDUAL WELLS.
5. PER IDAHO CODE 31-3806, THIS PROPERTY IS NOT LOCATED WITHIN ANY IRRIGATION DISTRICT AND DOES NOT HAVE SURFACE WATER RIGHTS.
6. THE DEVELOPER HAS OBTAINED WATER RIGHTS FROM IDWR (RIGHT NO. 83-G2256) TO ALLOW PUMPING OF GROUND WATER TO SUPPLY IRRIGATION WATER FOR THIS PROPERTY. THESE WATER RIGHTS ARE CURRENTLY BEING HELD IN THE IDWR WATER SUPPLY BANK. AT THE TIME OF FINAL PLATTING, EACH LOT WILL BE PROVIDED WITH A SEPARATE WATER RIGHT TO ENABLE EACH LOT TO DRILL AN INDIVIDUAL PRIVATE WELL TO SUPPLY BOTH DOMESTIC AND IRRIGATION WATER FOR EACH LOT.
7. THE SUBDIVISION SHALL HAVE PUBLIC UTILITY AND DRAINAGE EASEMENTS THAT ARE: 10' WIDE ADJACENT TO THE EXTERIOR BOUNDARY OF THE SUBDIVISION; 10' WIDE ADJACENT TO PUBLIC OR PRIVATE ROADWAYS; AND 5' WIDE ALONG INTERIOR LOT LINES UNLESS OTHERWISE NOTED.
8. THIS DEVELOPMENT RECOGNIZES SECTION 22-4503 OF IDAHO CODE, RIGHT TO FARM ACT, WHICH STATES "AGRICULTURAL OPERATION, AGRICULTURAL FACILITY OR EXPANSION THEREOF NOT A NUISANCE -- EXCEPTION, NO AGRICULTURAL OPERATION, AGRICULTURAL FACILITY OR EXPANSION THEREOF SHALL BE OR BECOME A NUISANCE, PRIVATE OR PUBLIC, BY ANY CHANGED CONDITIONS, IN OR ABOUT THE SURROUNDING NONAGRICULTURAL ACTIVITIES AFTER IT HAS BEEN IN OPERATION FOR MORE THAN ONE (1) YEAR, WHEN THE OPERATION, FACILITY OR EXPANSION WAS NOT A NUISANCE AT THE TIME IT BEGAN OR WAS CONSTRUCTED. THE PROVISIONS OF THIS SECTION SHALL NOT APPLY WHEN A NUISANCE RESULTS FROM THE IMPROPER OR NEGLIGENT OPERATION OF AN AGRICULTURAL OPERATION, AGRICULTURAL FACILITY OR EXPANSION THEREOF".
9. LOT 14 OF BLOCK 1 IS THE PRIVATE ROAD, THE HOMEOWNERS ASSOCIATION WILL OWN AND MAINTAIN THE ROAD LOT AND PRIVATE ROAD
10. THE EXISTING ZONE IS R-R RURAL RESIDENTIAL ALL BUILDINGS WILL BE SETBACK 70 FEET FROM ANY SECTION OR QUARTER SECTION LINE.
11. APPLICANTS SHALL COMPLY WITH ALL FEDERAL, STATE, AND COUNTY LAWS, ORDINANCES, RULES AND REGULATIONS CONCERNING ANY AIRFIELD ON SUBJECT PROPERTY AND SHALL ENSURE THAT APPLICANTS HEIRS, SUCCESSORS, ASSIGNS, TENANTS, AND LICENSEES ARE ADVISED OF AND ENTER COVENANTS CONCERNING THE CONTINUED USE OF SUBJECT PROPERTY AIRFIELD AND AIRFIELDS LOCATED ON THE ADJACENT PROPERTY BY UTILIZING MARKETING DISCLOSURES, ENTERING DEED RESTRICTIONS, MAKING PLAT NOTATIONS AND ENTERING OTHER COVENANTS CONCERNING THE RIGHT TO CONDUCT ACTIVITIES.
12. ALL NEW RESIDENTIAL DWELLINGS SHALL HAVE FIRE SPRINKLERS INSTALLED FOR FIRE SUPPRESSION WITHIN THE DEVELOPMENT.
13. STORM DRAINAGE FACILITIES OUTSIDE THE PUBLIC RIGHT-OF-WAY SHALL BE THE RESPONSIBILITY OF THE HOMEOWNER'S ASSOCIATION OR PROPERTY OWNER ON WHICH THE STORM DRAINAGE FACILITY IS CONSTRUCTED. IF NO HOMEOWNER'S ASSOCIATION EXISTS, RESPONSIBILITY FOR STORM DRAINAGE FACILITIES INCLUDES ALL MAINTENANCE BOTH ROUTINE AND NON-ROUTINE. STORM WATER SHALL BE RETAINED ON SITE.
14. NO NEW DEVELOPMENT OR REDEVELOPMENT OF LAND MAY DISCHARGE STORM WATER ONTO HIGHWAY DISTRICT RIGHT-OF-WAY OR INTO THE DISTRICT'S MUNICIPAL SEPARATE STORM SEWER SYSTEM.
15. NO PERMANENT STRUCTURES SHALL BE LOCATED CLOSER THAN SEVENTY FEET TO ANY SECTION LINE UNLESS THE HIGHWAY DISTRICT WAIVES THE SEVENTY FEET SETBACK REQUIREMENT.
16. THERE IS A TOTAL OF 8 LOTS AND 1 BLOCK WITH A TOTAL ACREAGE OF 10.50 ACRES.



**TIMBERLINE SURVEYING**

847 PARKCENTER WAY, SUITE 3, NAAPA, IDAHO 83651  
 P: 208-465-5687 ~ F: 208-465-5690  
 FileRoom Fox Ranch No 2.dwg

JOB NO: 21161 DATE: 12/29/2021  
 SHEET: 2 OF 3

INDEX NO: 214-H-2-C-00-06  
 REVISIONS

DATE	DESCRIPTION



# NORTH FORK RANCH SUBDIVISION No. 2

**APPROVAL OF SOUTHWEST DISTRICT HEALTH  
SANITARY RESTRICTIONS AS REQUIRED BY IDAHO CODE, TITLE 50, CHAPTER 13 HAVE BEEN SATISFIED.  
SANITARY RESTRICTIONS MAY BE REMOVED, IN ACCORDANCE WITH SECTION 50-1326, IDAHO CODE, BY  
THE ISSUANCE OF A CERTIFICATE OF DISAPPROVAL.**

HEALTH DISTRICT SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

**APPROVAL OF NAMPA HIGHWAY DISTRICT NO. 1**  
NAMPA HIGHWAY DISTRICT NO. 1 DOES HEREBY ACCEPT THIS PLAT, AND THE DEDICATED PUBLIC STREETS, HIGHWAYS AND RIGHTS-OF-WAY AS ARE DEPICTED ON THIS PLAT, IN ACCORDANCE WITH THE PROVISIONS OF I.C. § 50-1312. PRIVATE STREETS DEPICTED ON THIS PLAT ARE NOT MAINTAINED BY OR UNDER THE JURISDICTION OF THE HIGHWAY DISTRICT. THERE IS NO LEGAL OBLIGATION OR ASSURANCES THAT THE PRIVATE STREETS WILL BE ACCEPTED AS PUBLIC STREETS IN THE FUTURE.

Chairman \_\_\_\_\_ Date \_\_\_\_\_

**CERTIFICATE OF COUNTY TREASURER**

I, THE UNDERSIGNED, COUNTY TREASURER IN AND FOR THE COUNTY OF CANYON, STATE OF IDAHO, PER THE REQUIREMENTS OF I.C. 50-1308, DO HEREBY CERTIFY THAT ANY AND ALL CURRENT AND/OR DELINQUENT COUNTY PROPERTY TAXES FOR THE PROPERTY INCLUDED IN THIS PROPOSED SUBDIVISION HAVE BEEN PAID IN FULL. THIS CERTIFICATION IS VALID FOR THE NEXT THIRTY (30) DAYS ONLY.

COUNTY TREASURER \_\_\_\_\_ DATE \_\_\_\_\_

**CERTIFICATE OF COUNTY SURVEYOR**  
I, THE UNDERSIGNED, PROFESSIONAL LAND SURVEYOR FOR CANYON COUNTY, HEREBY CERTIFY THAT I HAVE CHECKED THIS PLAT AND FIND THAT IT COMPLIES WITH THE STATE OF IDAHO CODE RELATING TO PLATS AND SURVEYS.

COUNTY SURVEYOR \_\_\_\_\_ DATE \_\_\_\_\_

**APPROVAL OF CANYON COUNTY COMMISSIONERS**  
I, THE UNDERSIGNED, CHAIRMAN OF THE CANYON COUNTY COMMISSIONERS FOR CANYON COUNTY, IDAHO, DO HEREBY CERTIFY THAT AT A REGULAR MEETING OF THE COUNTY COMMISSIONERS HELD ON THE \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_ THIS PLAT WAS ACCEPTED AND APPROVED.

CHAIRMAN, CANYON COUNTY COMMISSIONERS \_\_\_\_\_ DATE \_\_\_\_\_

**CERTIFICATE OF SURVEYOR**

I, KENNETH H. COOK, DO HEREBY STATE THAT I AM A REGISTERED PROFESSIONAL LAND SURVEYOR, LICENSED BY THE STATE OF IDAHO, THAT THIS PLAT, AS DESCRIBED IN THE CERTIFICATE OF OWNERS, WAS DRAWN FROM A SURVEY MADE ON THE GROUND UNDER MY SUPERVISION AND THAT I HAVE COMPLIED WITH THE REQUIREMENTS OF THE STATE OF IDAHO CODES RELATING TO PLATS & SURVEYS AND THE CORNER PERPETUATION AND FILING ACT, IDAHO CODES 55-1601 THROUGH 55-1613.

KENNETH H. COOK \_\_\_\_\_ DATE \_\_\_\_\_

**DISCLAIMER**  
Timberline Surveying assumes no responsibility for present or future compliance or noncompliance of any ordinance to include building permits or the issuance thereof.

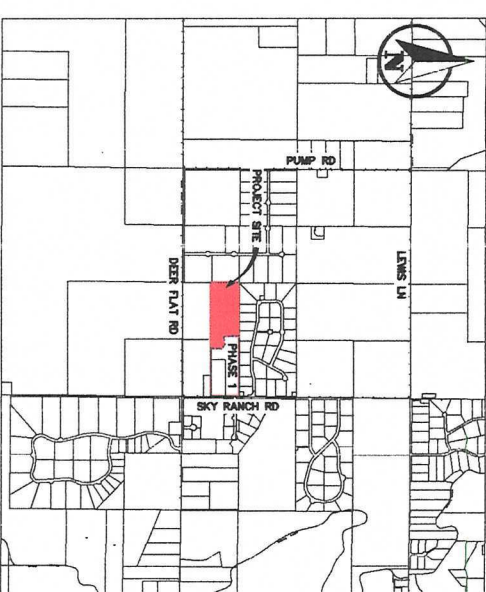


**TIMBERLINE SURVEYING**  
847 PARKCENTERWAY, SUITE 3, NAMPA, IDAHO 83851  
P: 208-465-5687 ~ F: 208-465-5990  
FILERs: North Fork Ranch No. 2.dwg  
JOB NO.: 21161      DATE: 12/29/2021  
SHEET: 3 OF 3  
INDEX NO. 2H-14-2-0-00-00  
REVISIONS  
DATE DESCRIPTION



# CIVIL CONSTRUCTION PLANS FOR NORTH FORK RANCH SUBDIVISION No. 2

LOCATED IN A PORTION OF THE SE1/4 OF  
SECTION 14, TOWNSHIP 2N, RANGE 3W, BOISE MERIDIAN  
NAMPA, CANYON COUNTY, IDAHO



### GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE DAVID STANDARDS FOR PUBLIC WORKS CONSTRUCTION (DSPW), THE HIGHWAY STANDARDS AND DEVELOPMENT PROCEDURES OF THE ASSOCIATION OF CANYON HIGHWAY DISTRICTS (ACHD).
2. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROPRIATE MANNER ON THIS PLAN. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. THEY ARE TO BE FULLY EXPOSED AND PRESERVED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES AND PRESERVE ANY AND ALL UTILITIES SHALL DURING THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES 24 HOURS BEFORE COMMENCING ANY UNDERGROUND WORK AT 81 OR 800-342-1988.
3. ALL CONTRACTORS, SUBCONTRACTORS AND UTILITY CONTRACTORS SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE PRIOR TO START OF WORK.
4. CONTRACTOR SHALL REPAVE TO EXISTING GRADES ANY PAVED AREAS DISTURBED BY CONSTRUCTION.
5. ALTHOUGH IT IS NOT EXPECTED ON THIS PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND PRESERVING ANY AND ALL UTILITIES SHALL DURING THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES 24 HOURS BEFORE COMMENCING ANY UNDERGROUND WORK AT 81 OR 800-342-1988.
6. CONTRACTOR SHALL OBTAIN ALL APPLICABLE CONSTRUCTION PERMITS.
7. TOPOGRAPHICAL SURVEY INFORMATION PROVIDED BY TUBERLINE SURVEYING (NOVEMBER 2021).
8. PROPOSED AND EXISTING ELEVATIONS ARE BASED UPON INFORMATION OBTAINED FROM THE TOPOGRAPHIC SURVEY.
9. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF THE TEMPORARY AND PERMANENT MATCH LOCATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.
10. CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTS DURING CONSTRUCTION. ALL SURVEY MONUMENTS SHALL BE PROTECTED AND MAINTAINED AS PART OF CONSTRUCTION ACTIVITIES SHALL BE REPLACED BY A PROFESSIONAL LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.
11. ALL OWNERS OR CONTRACTORS INTENDING TO DISTURB ONE ACRE OR MORE OF GROUND AS PART OF CONSTRUCTION ACTIVITIES SHALL DO THE FOLLOWING:
  - A. FILE A NOTICE OF INTENT (NOI) WITH EPA'S CONSTRUCTION GENERAL PERMIT (CGP).
  - B. PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
  - C. MAINTAIN ON-SITE COPIES OF THE NOI, CGP, AND SWPPP.
  - D. COMPLY WITH REQUIREMENTS OF CGP AND SWPPP INCLUDING PREPARED.
  - E. NOTIFY ALL INSPECTORS AND MONITORING HAVE BEEN COMPLETED.
  - F. FILE A NOTICE OF TERMINATION (NOT) WHEN ON-SITE WORK IS COMPLETE AND PERMANENT EROSION AND SEDIMENTATION CONTROL MEASURES ARE IN PLACE AND FUNCTIONING.
12. ALL CONTRACTORS WORKING WITHIN THE PROJECT BOUNDARIES ARE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR ALL BARBICUES, SAFETY DEVICES, AND SAFETY WITHIN AND AROUND THE CONSTRUCTION AREA.
13. RETAIN AND PROTECT ALL IRRIGATION AND DRAINAGE PIPE CROSSINGS. IF CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL IRRIGATION AND DRAINAGE PIPES.
14. ALL UNDERGROUND UTILITIES AND SERVICE LINES SHALL BE INSTALLED AND TESTED PRIOR TO STREET CONSTRUCTION AND ON-SITE PAVING.
15. THE CONTRACTOR SHALL CORRECT ALL CONSTRUCTION ACTIVITIES ON ANY OFFSITE PROPERTIES WITH PROPERTY OWNERS PRIOR TO CONSTRUCTION.
16. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE AND IRRIGATION FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL THE IMPROVEMENTS ARE IN PLACE AND FUNCTION.
17. ALL MATERIAL FURNISHED ON, OR FOR THE PROJECT MUST MEET THE MINIMUM REQUIREMENTS OF THE APPROVING AGENCIES. AT THE REQUEST OF THE APPROVING AGENCIES, THE CONTRACTOR SHALL PROVIDE A PROOF OF COMPLIANCE WITH ALL SPECIFICATION REQUIREMENTS SET FORTH IN GENERAL CONSTRUCTION NOTE 1.
18. WORK SUBJECT TO APPROVAL BY ANY GOVERNMENTAL AGENCY MUST BE APPROVED PRIOR TO (A) BACKFILLING TRENCHES FOR PIPE, (B) PAVING OF AGGREGATE BASE, (C) PAVING OF CONCRETE, (D) PAVING OF ASPHALT PAVING.
19. ANY DEVIATION FROM THE APPROVED PLANS AND SPECIFICATIONS MUST HAVE THE APPLICABLE AGENCY APPROVAL IN WRITING PRIOR TO CONSTRUCTION.
20. CONTRACTOR SHALL REPAVE TO EXISTING GRADES ANY PAVED AREAS DISTURBED BY CONSTRUCTION.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COMPACTON TESTS FOR SUBGRADE, SUB-BASE, BASE AND PAVEMENT PER ISPC AND ASPHALT REQUIREMENTS.
22. ALL NON-COMPACTABLE MATERIALS SHALL BE REMOVED PRIOR TO COMPACTON OF SUBGRADE.
23. ANY DEVIATION FROM THE APPROVED PLANS AND SPECIFICATIONS MUST HAVE THE APPLICABLE AGENCY APPROVAL IN WRITING PRIOR TO CONSTRUCTION.

### STREET NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE DAVID STANDARDS FOR PUBLIC WORKS CONSTRUCTION (DSPW), THE HIGHWAY STANDARDS AND DEVELOPMENT PROCEDURES OF THE ASSOCIATION OF CANYON HIGHWAY DISTRICTS (ACHD).
2. NO CONSTRUCTION SHALL BE PERFORMED BEFORE THE PRE-CONSTRUCTION MEETING, WHICH THE CONTRACTOR AND ALL SUBCONTRACTORS ARE REQUIRED TO ATTEND.
3. ONLY PLANS SETS STORED BY THE ENGINEER SHALL BE USED FOR PROJECT INSURANCE OF A STOP WORK ORDER.
4. ALL MATERIALS FURNISHED ON OR FOR THE PROJECT SHALL MEET THE MINIMUM REQUIREMENTS OF THE APPROVING AGENCY OR AS SET FORTH IN THE PROJECT PLANS AND SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF THE TEMPORARY AND PERMANENT MATCH LOCATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING AND PAVING FOR ALL EXISTING UTILITIES AND SERVICE LINES. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES 24 HOURS BEFORE COMMENCING ANY UNDERGROUND WORK AT 81 OR 800-342-1988.
6. PAVEMENT SHALL BE 9" 1.5" CLASS II WITH A NORMAL ASPHALT BINDER SHALL BE USED. A MINIMUM OF 0.5% ANTI-STRIPPING AGGREGATE IS SPECIFIED.
7. ALL UNDERGROUND UTILITIES AND SERVICE LINES SHALL BE INSTALLED AND TESTED PRIOR TO STREET CONSTRUCTION.
8. ALL PUBLIC ROADWAYS CONSTRUCTED SHALL MEET THE MINIMUM REQUIREMENTS OF THE HIGHWAY DISTRICT.
9. WHEN DISCREPANCIES OCCUR BETWEEN PLANS AND SPECIFICATIONS THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER. UNTIL THE CONTRACTOR SHALL NEGATE ANY CONTRACTOR'S CLAIM FOR ADDITIONAL COMPENSATION.
10. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A 3RD PARTY FIRM FOR ALL SURVEY MONUMENTS. THE CONTRACTOR SHALL MAINTAIN ALL SURVEY MONUMENTS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FOR ALL BARBICUES, SAFETY DEVICES, AND SAFETY WITHIN AND AROUND THE CONSTRUCTION AREA.
11. ALL COSTS TO THE CONTRACTOR INCURRED IN CORRECTING DEFICIENT WORK WILL BE CHARGED TO A STOP WORK ORDER AND FURTHER TERMINATION.
12. STORM DRAIN CONSTRUCTION SHALL BE PERIODICALLY OBSERVED BY DESIGN ENGINEER (SEE STORM DRAIN NOTES).
13. OVER EXCAVATION AND ADDITIONAL GRANULAR BACKFILL MAY BE REQUIRED TO CORRECT EXISTING CONDITIONS WHICH ARE TO BE DETERMINED BY THE ENGINEER OF RECORD.
14. RESURFACING FOR NEW STREET (COURT YORK LN) IS 24" W/4" BASED HORIZONTAL AND VERTICAL CURVES.
15. ROAD WALK SIGNS SHALL BE INSTALLED BY THE DEVELOPER. ROAD SIGNS DESIGNATION.
16. STORM DRAINAGE FACILITIES OUTSIDE THE PUBLIC RIGHT-OF-WAY SHALL BE THE RESPONSIBILITY OF THE HOMEOWNER'S ASSOCIATION OR PROPERTY OWNER ON WHICH THE STORM DRAINAGE FACILITY IS CONSTRUCTED. IF NO HOMEOWNER'S ASSOCIATION EXISTS, RESPONSIBILITY FOR STORM DRAINAGE FACILITIES INCLUDE ALL MAINTENANCE DRAIN ROUTING AND NON-ROUTING.

### STORM DRAIN NOTES

1. THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER TO COORDINATE THE LOCATION OF STORM DRAIN FACILITIES PRIOR TO CONSTRUCTION AND THE APPROVAL IS CONTINGENT UPON OBSERVATION.
2. THE CONTRACTOR SHALL EXCAVATE TEST HOLES IN THE BOTTOM OF THE SWALES IN ORDER TO DETERMINE IF GROUNDWATER OR LIFTING LAYERS ARE PRESENT (SEE NOTES ON SHEET CS.1). THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER FOR OBSERVATION.
3. OPERATION AND MAINTENANCE OF SWALES IS THE RESPONSIBILITY OF THE HOMEOWNER'S ASSOCIATION.
4. FACILITIES ARE DESIGNED TO RETAIN THE 100-YR, 1c STORM EVENT.

### DATUM AND BENCHMARKS

1. Topographic mapping provided by TUBERLINE SURVEYING (NOVEMBER 2021).
  2. THE VERTICAL DATUM IS NAVD 88.
  3. TEMPORARY BENCHMARKS (TBM) FOR THE SITE INCLUDE THE FOLLOWING:
- | BENCH | EASTING   | NORTHING  | DESCRIPTION         |
|-------|-----------|-----------|---------------------|
| 51    | 671760.49 | 238472.72 | 2"X8" BR 1/2" REBAR |
| 52    | 671756.15 | 238399.93 | 2"X8" BR 1/2" REBAR |

**ENGINEER**  
ASPER ENGINEERS, CHARTERED  
1619 N. LINDER RD, SUITE 110  
KUNA, IDAHO 83631  
CONTACT: LANCE WARBICK, PE  
208-466-8181  
lance@aspengineers.com



EXISTING		PROPOSED	
EP	EXISTING PROPERTY LINE	EP	PROPOSED PROPERTY LINE
EL	EXISTING LOT LINE	EL	PROPOSED LOT LINE
ES	EXISTING SECTION LINE	ES	PROPOSED SECTION LINE
EW	EXISTING EASEMENT	EW	PROPOSED EASEMENT
EX	EXISTING EXPOSED UTILITY	EX	PROPOSED EXPOSED UTILITY
EW	EXISTING WATER SERVICE LINE	EW	PROPOSED WATER SERVICE LINE
ES	EXISTING SEWER MAIN LINE	ES	PROPOSED SEWER MAIN LINE
SS	EXISTING STORM DRAIN LINE	SS	PROPOSED STORM DRAIN LINE
UD	EXISTING UNDERGROUND DRAIN	UD	PROPOSED UNDERGROUND DRAIN
UT	EXISTING UNDERGROUND TELEPHONE	UT	PROPOSED UNDERGROUND TELEPHONE
CB	EXISTING GRADE BRACK	CB	PROPOSED GRADE BRACK
CC	EXISTING GRADE CHANGE	CC	PROPOSED GRADE CHANGE
TC	EXISTING TOP OF BLANK	TC	PROPOSED TOP OF BLANK
TS	EXISTING TOP OF SLOPE	TS	PROPOSED TOP OF SLOPE
PI	EXISTING PRESSURE IRRIGATION LINE	PI	PROPOSED PRESSURE IRRIGATION LINE
GR	EXISTING GRASSY IRRIGATION LINE	GR	PROPOSED GRASSY IRRIGATION LINE
CH	EXISTING CHAIN LINK FENCE	CH	PROPOSED CHAIN LINK FENCE
WO	EXISTING WOOD FENCE	WO	PROPOSED WOOD FENCE
VA	EXISTING VAULT TRENCH	VA	PROPOSED VAULT TRENCH
SE	EXISTING SEWER MANHOLE	SE	PROPOSED SEWER MANHOLE
WB	EXISTING WATER BIB/FLUET	WB	PROPOSED WATER BIB/FLUET
SM	EXISTING SEWER SERVICE MARKER	SM	PROPOSED SEWER SERVICE MARKER
FR	EXISTING FRIE HOLLOW	FR	PROPOSED FRIE HOLLOW
WA	EXISTING WATER WELL	WA	PROPOSED WATER WELL
WT	EXISTING WATER TRENCH	WT	PROPOSED WATER TRENCH
VS	EXISTING WATER SERVICE VALVE	VS	PROPOSED WATER SERVICE VALVE
AS	EXISTING BLOW-OFF ASSEMBLY & VALVE	AS	PROPOSED BLOW-OFF ASSEMBLY & VALVE
PR	EXISTING PRESSURE IRRIGATION DRAIN	PR	PROPOSED PRESSURE IRRIGATION DRAIN
FR	EXISTING FRIE HOLLOW	FR	PROPOSED FRIE HOLLOW
TR	EXISTING TRENCH	TR	PROPOSED TRENCH
ST	EXISTING STORM DRAIN CATCH BASIN	ST	PROPOSED STORM DRAIN CATCH BASIN
SD	EXISTING SAND AND GRAVEL TRAP	SD	PROPOSED SAND AND GRAVEL TRAP
AR	EXISTING AIR RELEASE VALVE	AR	PROPOSED AIR RELEASE VALVE
RE	EXISTING REVISION	RE	PROPOSED REVISION
UT	EXISTING UTILITY POLE	UT	PROPOSED UTILITY POLE
EB	EXISTING ELECTRICAL BOX	EB	PROPOSED ELECTRICAL BOX
LP	EXISTING LIGHT POLE	LP	PROPOSED LIGHT POLE
FR	EXISTING GAS WATER/MAKER	FR	PROPOSED GAS WATER/MAKER
CR	EXISTING CABLE TV RISER	CR	PROPOSED CABLE TV RISER
MA	EXISTING MAILBOX	MA	PROPOSED MAILBOX
BN	EXISTING BARRICADE	BN	PROPOSED BARRICADE
CC	EXISTING CONDUIT/CONCRETE TREE	CC	PROPOSED CONDUIT/CONCRETE TREE
LN	EXISTING LOT NUMBER	LN	PROPOSED LOT NUMBER
SE	EXISTING SECTION NUMBER	SE	PROPOSED SECTION NUMBER
GR	EXISTING GRADE & DIRECTION OF FLOW	GR	PROPOSED GRADE & DIRECTION OF FLOW

NOTE: THIS IS A TYPICAL LINE AND SYMBOL LEGEND AND MAY NOT APPLY TO ALL PROJECTS.

ABBREVIATIONS	DESCRIPTION
AL	ASBESTOS TRENCH
BE	BELOW GROUND PIPE
BS	BELOW GROUND SURFACE
BL	BLIND
CB	CATCH BASIN
CF	CATCH FEET
CE	CATCH ELEVATION
CS	CATCH FEET PER SECOND
DA	DAWLER
ED	EXISTING GRADE
EP	EXISTING PROPERTY LINE
EL	EXISTING LOT LINE
ES	EXISTING SECTION LINE
EW	EXISTING EASEMENT
EX	EXISTING EXPOSED UTILITY
EW	EXISTING WATER SERVICE LINE
ES	EXISTING SEWER MAIN LINE
SS	EXISTING STORM DRAIN LINE
UD	EXISTING UNDERGROUND DRAIN
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TR	EXISTING TRENCH
ST	EXISTING STORM DRAIN CATCH BASIN
SD	EXISTING SAND AND GRAVEL TRAP
AR	EXISTING AIR RELEASE VALVE
RE	EXISTING REVISION
UT	EXISTING UTILITY POLE
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**CIVIL DRAWING INDEX**

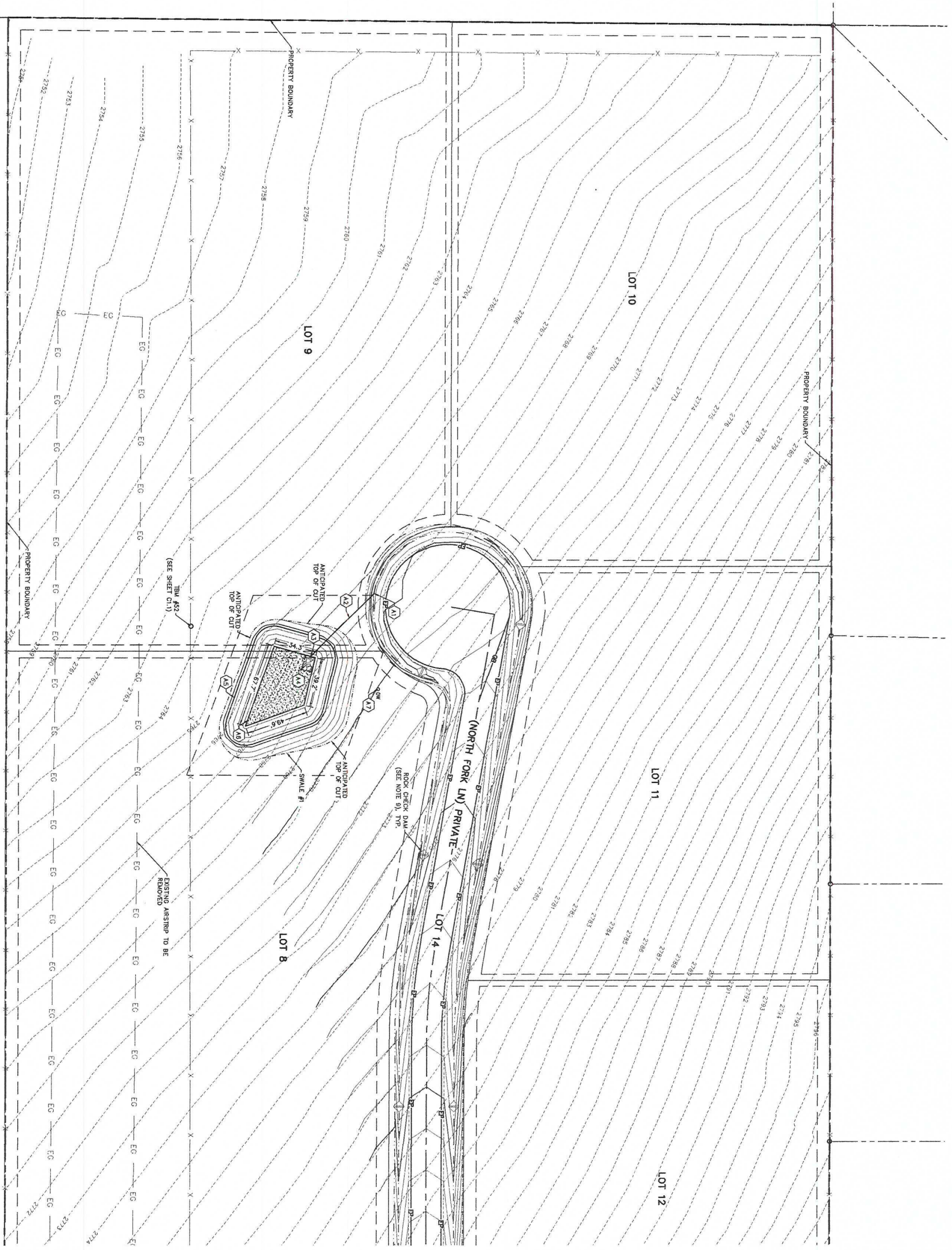
1. CIVIL NOTES AND LEGEND SHEET	CS1
2. SITE PLAN	CS2
3. DRAINAGE PLAN	CS3
4. STREET PLAN AND PROFILE	CS4
5. STREET AND STORM DRAIN DETAILS	CS5

<p>CONSTRUCTION PLANS FOR <b>NORTH FORK RANCH SUBDIVISION No. 2</b> SKY RANCH RD NAMPA, CANYON COUNTY, IDAHO 83686</p>	<p><b>DEVELOPER</b> SCOTT GODFREY 9110 SKY SKY RD NAMPA, IDAHO 83686 PHONE: 916-416-0280</p>	<p>1619 N. Linder Rd, Suite 110 - Kuna, Idaho 83634 Phone: 208-466-8181 - AspenEngineers.com</p>	
<p><b>DATE:</b> 01/28/2022 <b>PROJECT:</b> 21061 <b>TITLE:</b> NORTH FORK RANCH SUBDIVISION No. 2</p>	<p><b>SCALE:</b> SHOWN <b>DATE:</b> 01/28/2022 <b>PROJECT:</b> 21061 <b>TITLE:</b> NORTH FORK RANCH SUBDIVISION No. 2</p>	<p><b>CIVIL NOTES AND LEGEND SHEET</b></p>	<p><b>1 of 5</b></p>



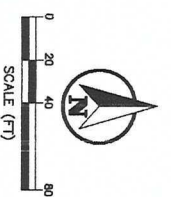






- NOTES**
1. SEE SHEET C3.1 FOR ADDITIONAL NOTES AND LEGEND.
  2. CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTS DURING CONSTRUCTION. ANY MONUMENT DISTURBED BY CONSTRUCTION SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
  3. ADD 2200' TO SITE ELEVATIONS TO OBTAIN THE PROJECT DATUM.
  4. EXISTING CONTROL LINES ARE SHOWN AT AN INTERVAL OF 1'. FINISHED CONTROL LINES ARE SHOWN AT AN INTERVAL OF 1'.
  5. SEE SHEET C3.1 FOR STREET PLAN AND PROFILE.
  6. SEE SHEET C3.1 FOR STREET DETAILS.
  7. ABANDONED TEST PITS, STORM DRAINS OR ANY OTHER DISTURBED AREAS SHALL BE RELOCATED TO THE ORIGINAL LOCATION OR RE-EXCAVATED TO NATIVE SOIL AND BACKFILLED WITH STRUCTURAL FILL PER SPEC. SPECIFICATIONS. CONTRACTOR SHALL PROVIDE PROFILES FOR ALL EXCAVATIONS. CONTRACTOR SHALL PROVIDE PROFILES FOR BACKFILL MEETS THE REQUIREMENTS OF ENGINEERED FILL PER SPEC AND PROVIDE A COPY OF ALL COMPACTION TESTS TO THE CITY.
  8. CONTRACTOR SHALL REMOVE AND DISPOSE (OR RELOCATE AS APPROVED) ALL EXISTING UTILITIES THAT INTERFERE WITH THE PROPOSED IMPROVEMENTS.
  9. SEE SHEET C3.1 FOR LOCATIONS OF ROCK CHECK DAMS ALONG BORROW DITCHES.
  10. ALL CULVERTS SHALL BE 14 GAGE (0.075" THICK) ALUMINUM POLYMER COATED OR FRENCH COATED STEEL WITH 2-2/3"/4" Z CORRELATIONS PER ACRO STANDARD S370.20.
  11. THIS SUBDIVISION DOES NOT HAVE SURFACE REDEMPTION RIGHTS AND THERE ARE NO RIGHTS ON PROBABLY.

- KEYNOTES**
- A1. 15" DIA CURB FLARED ARROW WITH TRASH RACK AT END OF PIPE  
 ● 15" IE: 07/10.
  - A2. 72 L# 6" 15" DIA 14 GAGE STEEL CURB CULVERT PER ACRO STANDARD S370.20 @ 9.3% SLOPE.
  - A3. 15" DIA CURB FLARED ARROW WITH TRASH RACK AT END OF PIPE  
 ● 5" IE: 61.00
  - A4. 8"x12" SECTION OF HAND PLACED 6" DIA. R#4 BAR OVER REINFORCED CONCRETE. THE END OF THE PIPE TO BE RELOCATED SHALL BE EXCAVATED TO THE ORIGINAL FINISHED ELEVATION SET 10" OF R#4 BAR WITH BOTTOM OF SWALE.
  - A5. SMALLE #1  
 DESIGN CAPACITY: 14,920 CF4  
 TOP OF SWALE ELEV: 65.52  
 DESIGN WATER ELEV: 64.52 (WATER AREA: 5,828 SF)  
 BOTTOM OF SWALE: 60.52 (BOTTOM AREA: 1,972 SF)  
 (SEE DETAIL B/C5.1)
  - A6. SAND INLET TRAP/WINDOW ON BOTTOM OF SWALE. EXCAVATE TO FREE BRANING SOIL. (ANTICIPATED TO BE 10' BELOW EXISTING GRADE OR DEEPER IF NEEDED) AND BACKFILL WITH 1.5" OF FILTER SAND OVER DEEP PIT RUN. (SEE DETAIL B/C5.1)
  - A7. 4" DIA. GROUNDWATER OBSERVATION WELL PER SPEC 50-427.



REVISIONS  
A 01/28/22 - REVIEW



**ASPEN ENGINEERS**  
 1619 N. Linder Rd, Suite 110 · Kuna, Idaho 83634  
 Phone: 208-466-8181 · AspenEngineers.com

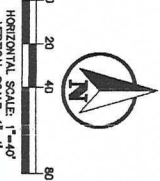
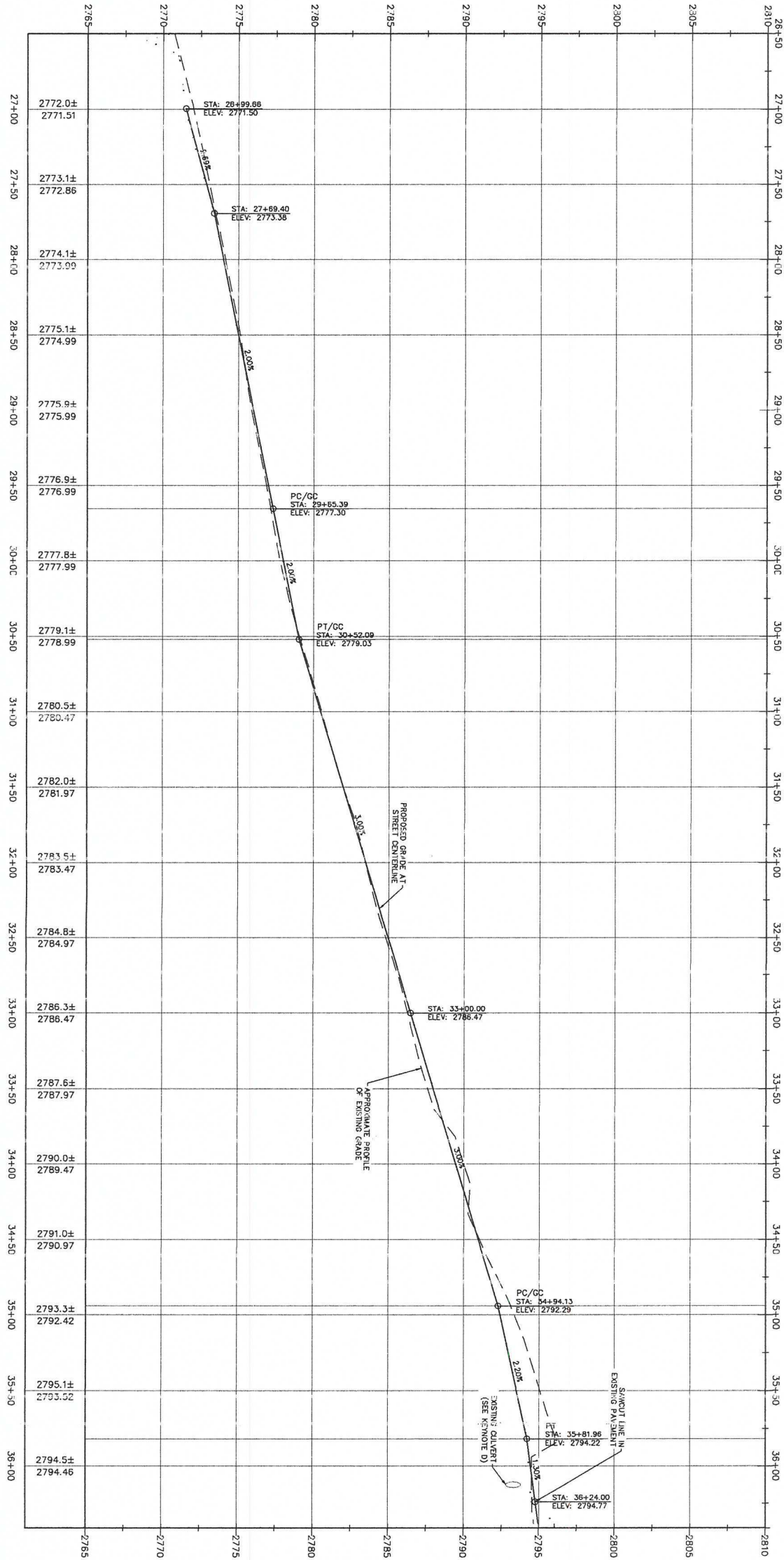
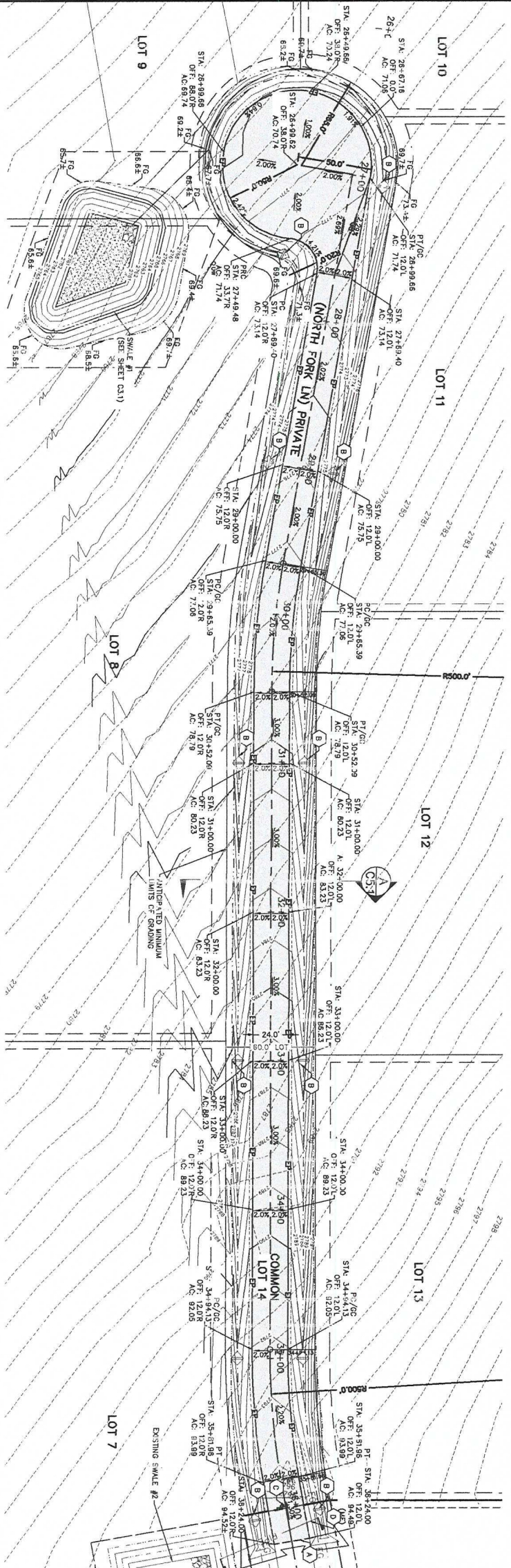
DEVELOPER  
 SCOTT CODFREY  
 9135 SKY RANCH RD  
 NAMPA, IDAHO 83686  
 PHONE: 916-416-0280

CONSTRUCTION PLANS FOR  
**NORTH FORK RANCH SUBDIVISION NO. 2**  
 SKY RANCH RD  
 NAMPA, CANYON COUNTY, IDAHO 83686

DATE: 01-28/2022  
 PROJECT: 21061  
 TITLE: NORTH FORK RANCH SUBDIVISION NO. 2  
 DRAWN: LBW  
 CHECKED: LBW  
 SCALE: AS SHOWN  
 DATE: 01-28/2022  
 PROJECT: 21061

DRAINAGE PLAN  
**C3.1**  
 3 of 5

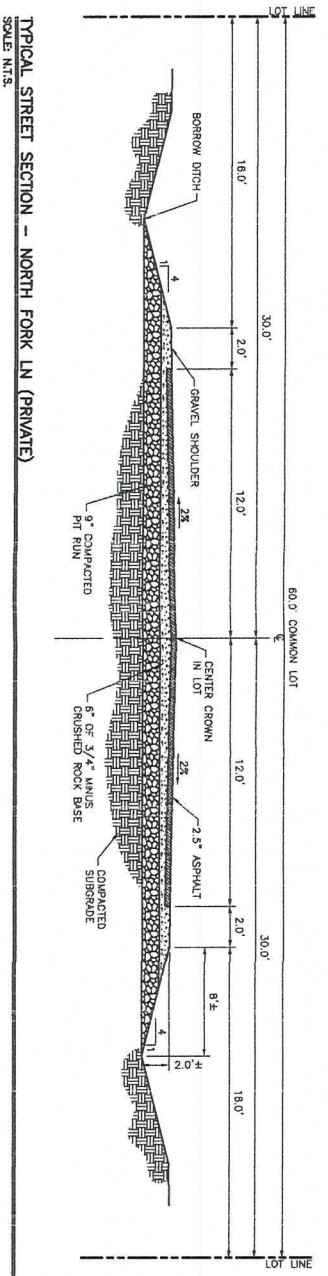




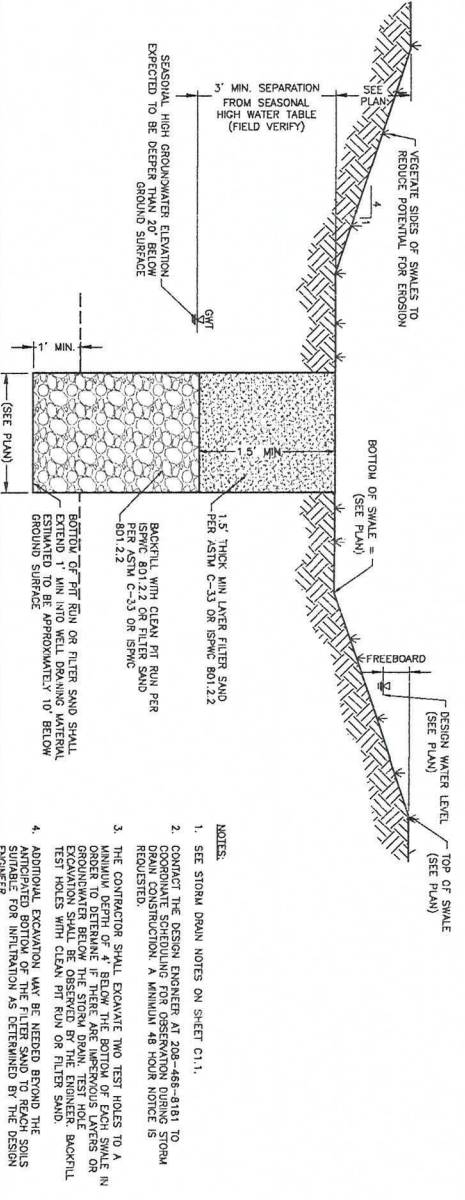
- NOTES**
- SEE SHEET C1.1 FOR ADDITIONAL NOTES AND LEGEND.
  - CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTS DURING CONSTRUCTION. ANY MONUMENT DISTURBED BY CONSTRUCTION SUPERVISOR AT THE EXPENSE OF THE CONTRACTOR.
  - ADD 2200' TO SITE ELEVATIONS TO OBTAIN THE PROJECT DATUM.
  - ENGINEER CONTROL LINES ARE SHOWN AT AN INTERVAL OF 1'.
  - SEE SHEET C3.1 FOR DRAINAGE PLAN.
  - SEE SHEET C3.1 FOR STREET DETAILS.
  - EXCAVATION SHALL BE UNDER THE PROPOSED STREET SURFACE RE-EXCAVATED TO NATIVE SOIL AND BACKFILLED WITH STRUCTURAL FILL IN ACCORDANCE WITH THE REQUIREMENTS OF ENGINEERED FILL PER IBC AND PROVIDE A COPY OF ALL COMPACTION TESTS TO THE CONTRACTOR.
  - CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING IMPROVEMENTS.
  - CONTRACTOR SHALL GRABE BEYOND LIMITS OF RIGHT-OF-WAY AT THE TIME OF ROAD CONSTRUCTION AS NEEDED TO CREATE SIDE LANE ACCESSIBLE TO SHOULDER AND DEVELOPER.
  - THE ROADWAY SHALL BE CONSTRUCTED IN PHASE 1 AND PHASE 2 AND LOT 14 OF PHASE 2 SHALL BE CONSIDERED A PUBLIC ROAD IN THE FUTURE.
  - THE HORIZONTAL AND VERTICAL GEOMETRY OF NORTH FORK LN (SEE SHEET C3.1) IS A DESIGN SPEED OF 25 MPH PER THE ASHRAE GREEN BOOK.
- KEYNOTES**
- SAWCUT, REMOVE AND DISPOSE EXISTING ASPHALT STREET CONSTRUCTION, STREET REPAIR AND TYPE "P" SURFACE RESTORATION PER THE 50' MINIMUM CROSS-SLOPE OF EXISTING PAVEMENT. SEE DETAIL A/C/S.1 FOR PAVEMENT THICKNESS, TYP. DITCHES TO HELP REDUCE POTENTIAL FOR EROSION, TYP.
  - CONSTRUCT CHECK DAMS PER DETAIL C/C/S.1 IN THE BORROW PITS TO HELP REDUCE POTENTIAL FOR EROSION, TYP.
  - REMOVE AND DISPOSE EXISTING TYPE III BARRICADE.
  - REMOVE EXISTING CULVERT AND REINSTALL AT LOWER DEPTH TO PROVIDE A MINIMUM OF 1' OF COVER ON NORTH SIDE OF ROAD.

<p><b>REVISIONS</b></p> <p>A 01/28/22 - REVISION</p>	<p><b>DEVELOPER</b></p> <p>SCOTT GODFREY 9135 SKY RANCH RD NAMPA, IDAHO 83686 PHONE: 916-416-0280</p>	<p><b>ASPEN ENGINEERS</b></p> <p>1619 N. Linder Rd, Suite 110 - Kuna, Idaho 83634 Phone: 208-466-8181 - AspenEngineers.com</p>	<p>PROFESSIONAL ENGINEER 10077 01/28/2022 LANCE WARRICK</p>	<p><b>TITLE</b></p> <p>CONSTRUCTION PLANS FOR NORTH FORK RANCH SUBDIVISION NO. 2</p>
				<p><b>DATE</b></p> <p>01/28/2022</p>
<p><b>SCALE</b></p> <p>TOWNSHIP SHOWN CITY/ZIP LAW A</p>	<p><b>PROJECT</b></p> <p>21061</p>	<p><b>CLIENT</b></p> <p>NORTH FORK RANCH SUBDIVISION NO. 2</p>	<p><b>DATE</b></p> <p>01/28/2022</p>	<p><b>PROJECT</b></p> <p>21061</p>
<p><b>SCALE</b></p> <p>1"=40'</p>	<p><b>PROJECT</b></p> <p>21061</p>	<p><b>CLIENT</b></p> <p>NORTH FORK RANCH SUBDIVISION NO. 2</p>	<p><b>DATE</b></p> <p>01/28/2022</p>	<p><b>PROJECT</b></p> <p>21061</p>
<p><b>SCALE</b></p> <p>1"=40'</p>	<p><b>PROJECT</b></p> <p>21061</p>	<p><b>CLIENT</b></p> <p>NORTH FORK RANCH SUBDIVISION NO. 2</p>	<p><b>DATE</b></p> <p>01/28/2022</p>	<p><b>PROJECT</b></p> <p>21061</p>

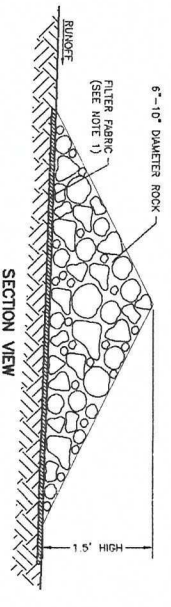
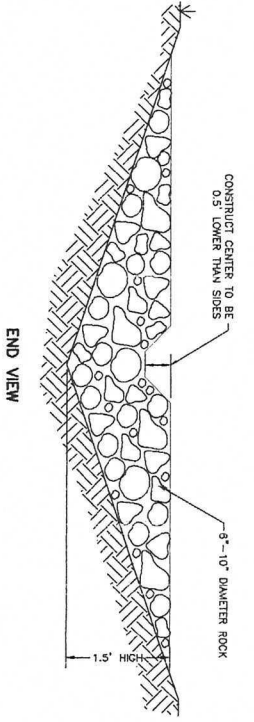




- NOTES:
1. ASPHALT PAVING SHALL BE 1/2\"/>



- NOTES:
1. SEE STORM DRAIN NOTES ON SHEET C11.
  2. CONDUCT THE DESIGN ENGINEER AT 208-466-8181 TO DETERMINE THE SCHEDULING FOR OBSERVATION DURING STORM EVENTS. THE DESIGN ENGINEER SHALL PROVIDE A MINIMUM 48 HOUR NOTICE IS REQUESTED.
  3. THE CONTRACTOR SHALL EXCAVATE TWO TEST HOLES TO A MINIMUM DEPTH OF 4' BELOW THE BOTTOM OF EACH SWALE IN ORDER TO DETERMINE IF THERE ARE INTERVUS LAYERS OR EXHAUSTION SANDS. THE DESIGN ENGINEER SHALL PROVIDE BACKFILL TEST HOLES WITH CLEAN PIT RUN OR FILTER SAND.
  4. ADDITIONAL EXCAVATION MAY BE NEEDED BEYOND THE ANTICIPATED BOTTOM OF THE FILTER SAND TO REACH SOILS SUITABLE FOR INFILTRATION AS DETERMINED BY THE DESIGN ENGINEER.



- NOTES:
1. PLACE FILTER FABRIC UNDER THE CHECK DAM PRIOR TO INSTALLATION TO HELP FACILITATE MAINTENANCE AND REMOVAL.

**ROCK CHECK DAM DETAIL**  
SCALE: N.T.S.

REVISIONS
A 01/28/22 - REVIEW



**ASPEN ENGINEERS**  
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**DEVELOPER**  
SCOTT GODFREY  
9135 SKY RANCH RD  
NAMPA, IDAHO 83686  
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CONSTRUCTION PLANS FOR  
**NORTH FORK RANCH SUBDIVISION NO. 2**  
SKY RANCH RD  
NAMPA, CANYON COUNTY, IDAHO 83686

DATE	REVISION	SCALE
01/28/2022	A	SHOWN

**TITLE**  
NORTH FORK RANCH SUBDIVISION NO. 2  
STREET AND STORM DRAIN DETAILS

**C5.1**  
5 of 5

**Canyon County Development Services**  
111 N. 11th Ave. Room 140, Caldwell, ID 83605  
(208) 454-7458

**Building Division Email:** buildinginfo@canyonco.org

**Planning Division Email:** zoninginfo@canyonco.org

**Receipt Number:** 74130

**Date:** 4/28/2022

**Date Created:** 4/28/2022

**Receipt Type:** Normal Receipt

**Status:** Active

**Customer's Name:** Stephanie Godfrey

**Comments:** SD2022-0022 location 9135 Sky Ranch Rd Nampa

**CHARGES**

<b>Item Being Paid For:</b>	<b>Application Number:</b>	<b>Amount Paid:</b>	<b>Prevs Pymnts:</b>	<b>Unpaid Amnt:</b>
Planning - Final Plat	SD2022-0022	\$930.00	\$0.00	\$0.00
Planning - Final Plat Addition Per Lot Fee (Per Application)	SD2022-0022	\$70.00	\$0.00	\$0.00

**Sub Total:** \$1,000.00

**Sales Tax:** \$0.00

**Total Charges:** \$1,000.00

**PAYMENTS**

<b>Type of Payment:</b>	<b>Check/Ref Number:</b>	<b>Amount:</b>
Check	2201	\$1,000.00

**Total Payments:** \$1,000.00

**ADJUSTMENTS**

**Receipt Balance:** \$0.00