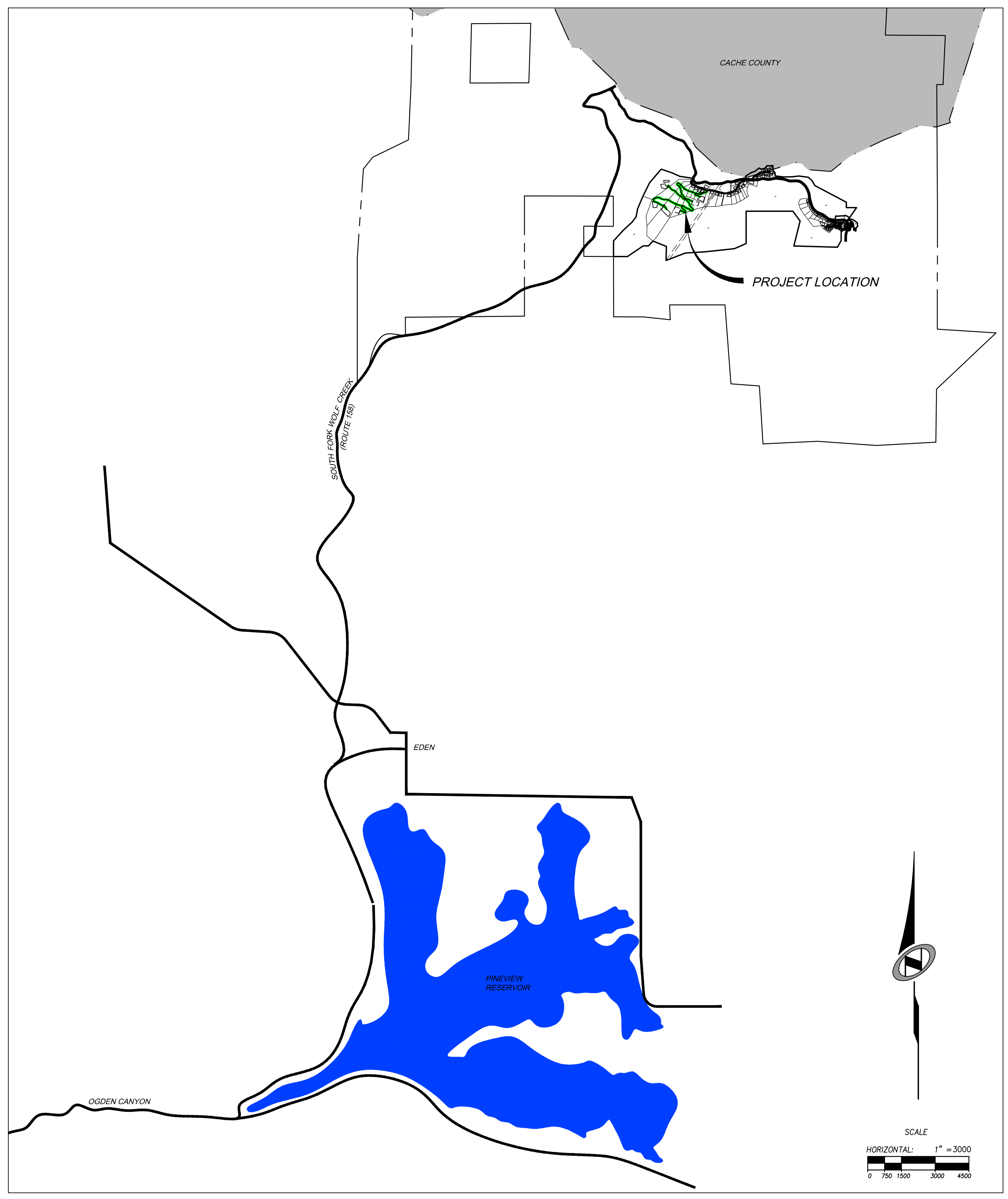


DATE: 9/24/13 TIME: 11:53:00 AM DRAWING NAME: P1007.DWG
 SERVER: NONE PAGE SETUP: P10-C30-24-06 LAYOUT: LAYOUT1
 PANK:SLB0793\CADD\PHASE 1\VP-PRIVATE DRAWINGS_###_###_###.###_###_###

SUMMIT AT POWDER MOUNTAIN PHASE 1 - ESTATE LOTS ROADWAY AND UTILITY CONSTRUCTION DRAWINGS

Located in Sec 01 T7N R1E
 Weber County, Utah



SHEET INDEX:

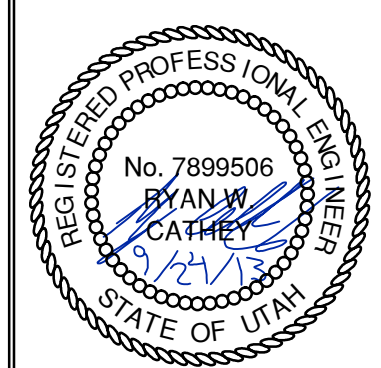
SHEET NUMBER	SHEET DESCRIPTION
1.00	CIVIL TITLE SHEET
1.01	GENERAL NOTES, LEGEND, AND KEYNOTES
1.02	OVERALL UTILITY
1.03	OVERALL GRADING
2.00	UTILITY PLAN
2.01	UTILITY PLAN
2.02	UTILITY PLAN
3.00	EARTHWORK
3.01	EARTHWORK
3.02	EARTHWORK
4.00	EROSION CONTROL PLAN
4.01	EROSION CONTROL PLAN
4.02	EROSION CONTROL PLAN
5.00	VAULT DETAILS

PHASE 1 - ESTATE LOTS CONSTRUCTION
CIVIL TITLE SHEET

DATE SUBMITTED: 9/24/2013

PREPARED FOR: SUMMIT, LLC

NV5
 BEYOND ENGINEERING
 627 SOUTH STATE STREET, SUITE 200
 801743.0000 TEL. 801743.0000 FAX
 MURRAY, UT 84107
 WWW.NV5.COM



SHEET NUMBER
1.00

SCALE
 VERTICAL: 1" = 8'
 HORIZONTAL: 1" = 3000'

JOB NUMBER
SLB079306

TOONE
 XREFS:

NO.	BY	DATE	REVISIONS

The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. Any such changes or uses must be approved by the preparer of these plans.

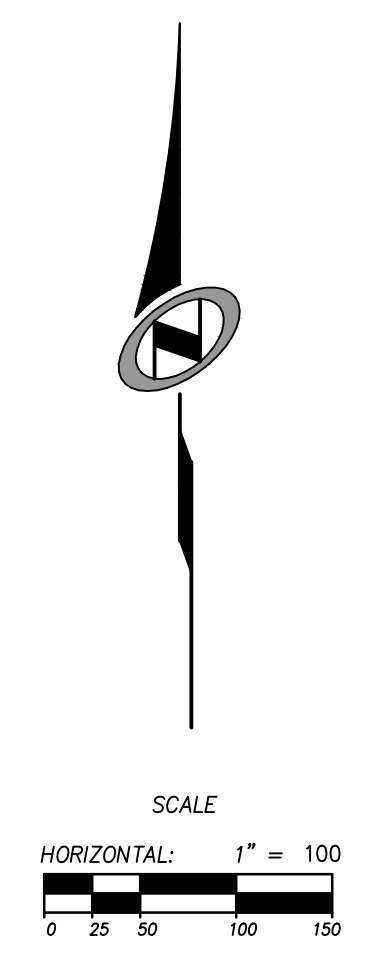
CAUTION



PRV STATION #1, SEE SHEETS 2.00 AND 5.00 FOR MORE INFORMATION

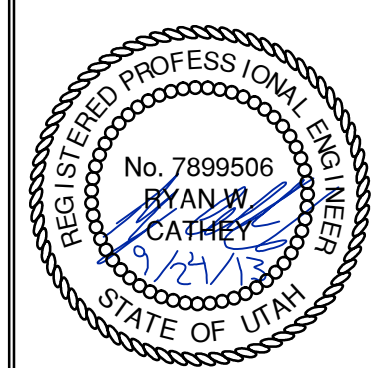
PRV STATION #2, SEE SHEETS 2.00 AND 5.00 FOR MORE INFORMATION

PRV STATION #3, SEE SHEETS 2.00 AND 5.00 FOR MORE INFORMATION



PHASE 1 - ESTATE LOTS CONSTRUCTION OVERALL UTILITY PLAN

NV5
BEYOND ENGINEERING
5217 SOUTH STATE STREET, SUITE 200
MURRAY, UT 84107
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SHEET NUMBER
1.02

SCALE
VERTICAL: 1" = NA
HORIZONTAL: 1" = 100

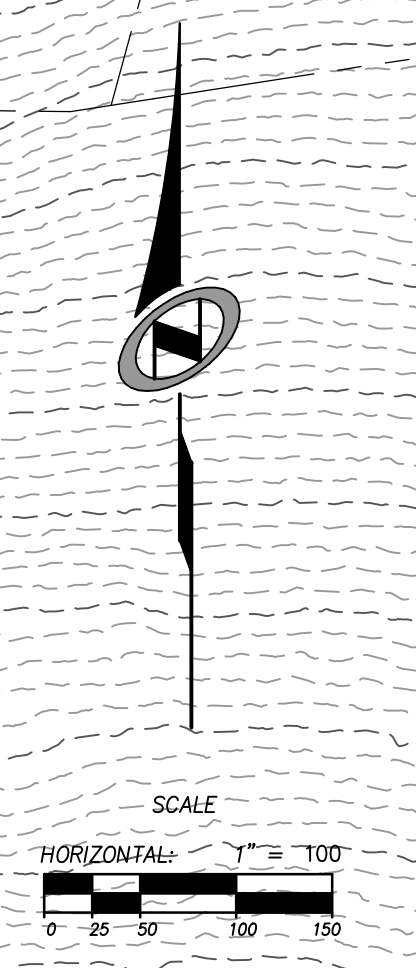
JOB NUMBER
SLB079306

PREPARED FOR: SUMMIT, LLC

DATE SUBMITTED: 9/24/2013

NO.	BY	DATE	REVISIONS

CAUTION
The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of the plans. The user of these plans must be approved by the preparer of these plans.

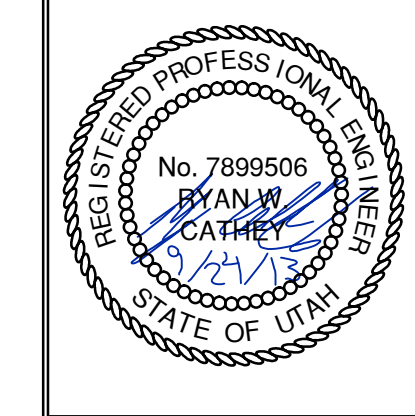


NO.	BY	DATE	REVISIONS

CAUTION
 The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. Any such changes or uses must be approved by the preparer of these plans.

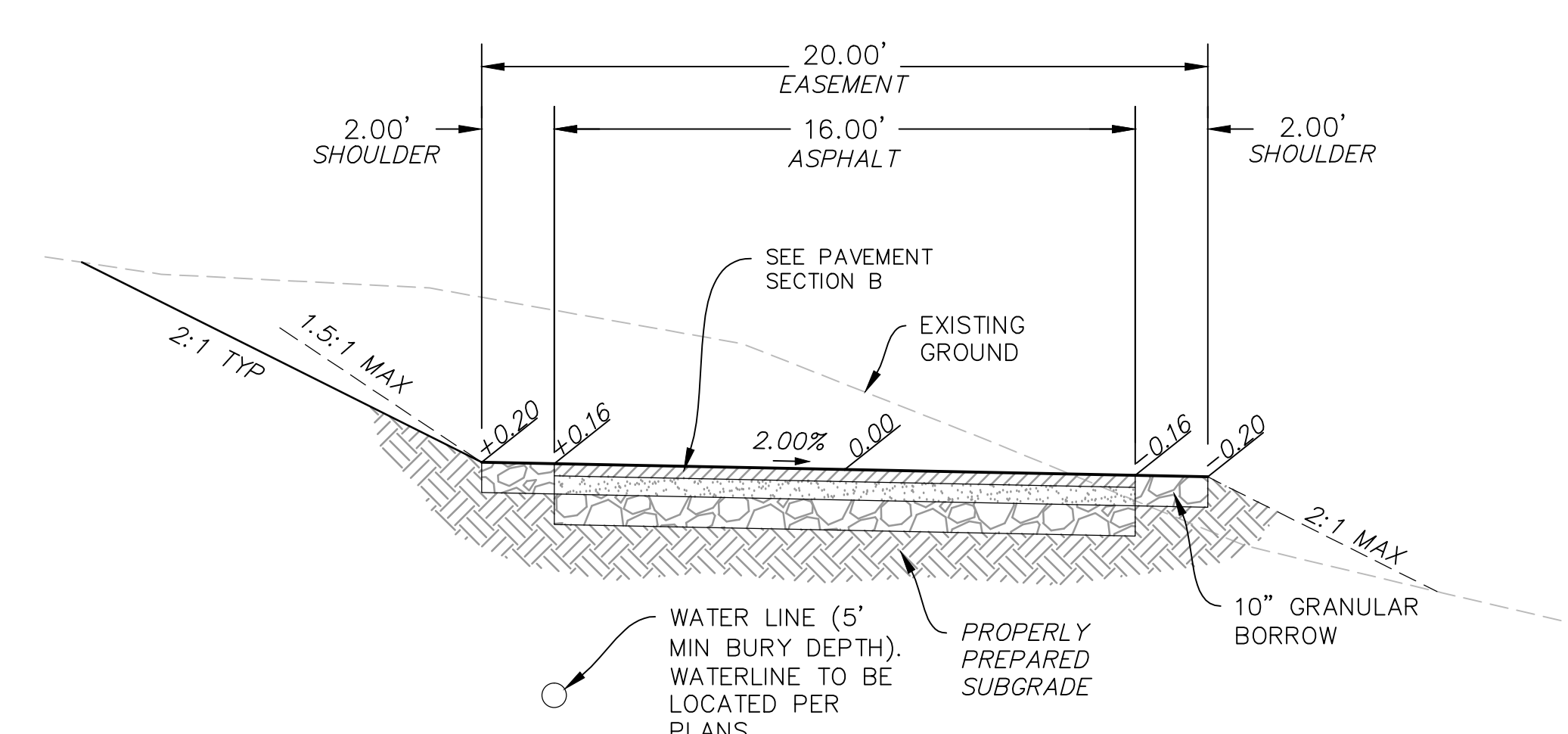
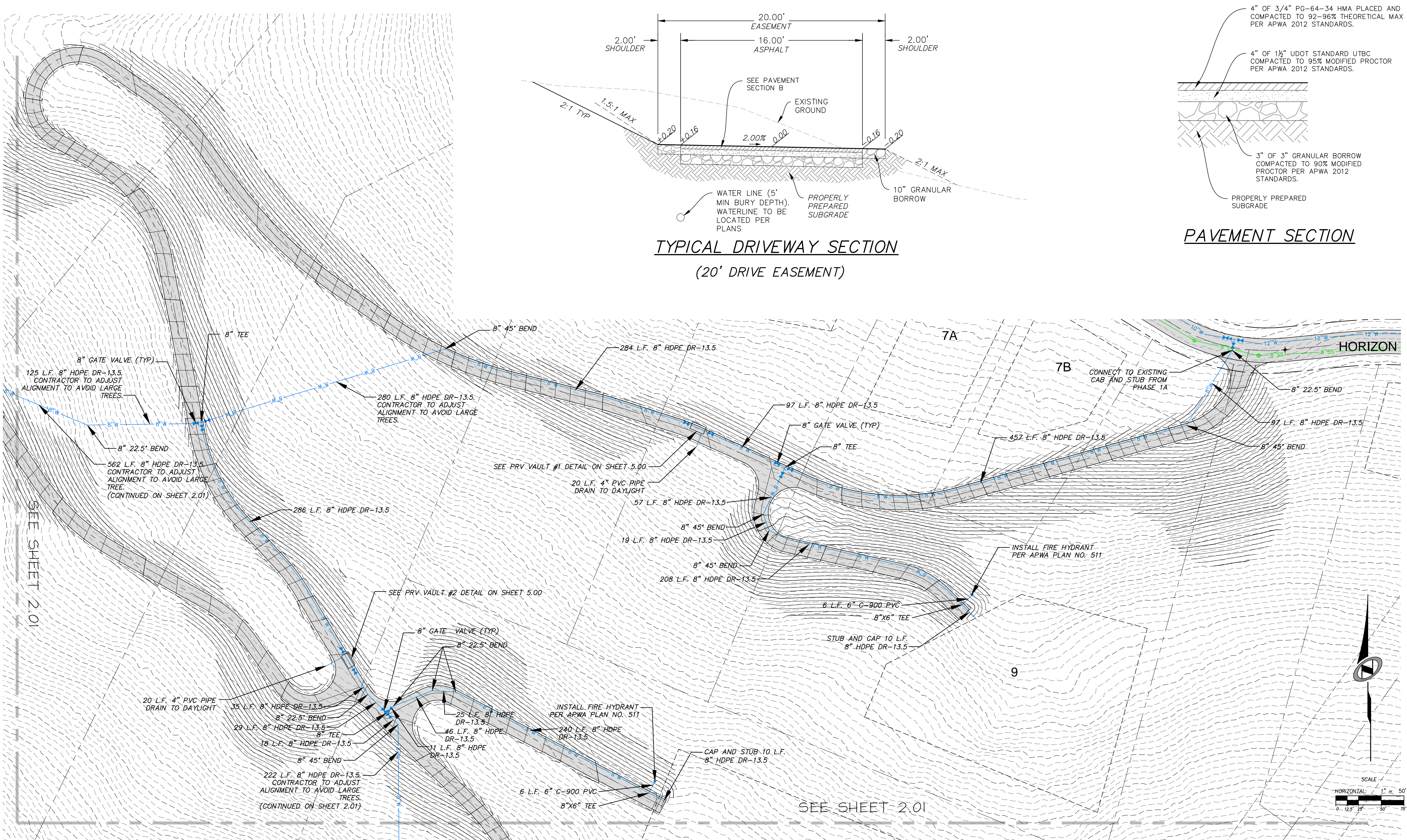
PHASE 1 - ESTATE LOTS CONSTRUCTION
FUTURE PRIVATE DRIVE
OVERALL GRADING AND DRAINAGE PLAN
 PREPARED FOR: SUMMIT, LLC
 DATE SUBMITTED: 9/24/2013

NV5
 BEYOND ENGINEERING
 5217 SOUTH STATE STREET, SUITE 200
 801743.000 TEL. 801743.000 FAX
 MURRAY, UT 84107
 WWW.NV5.COM

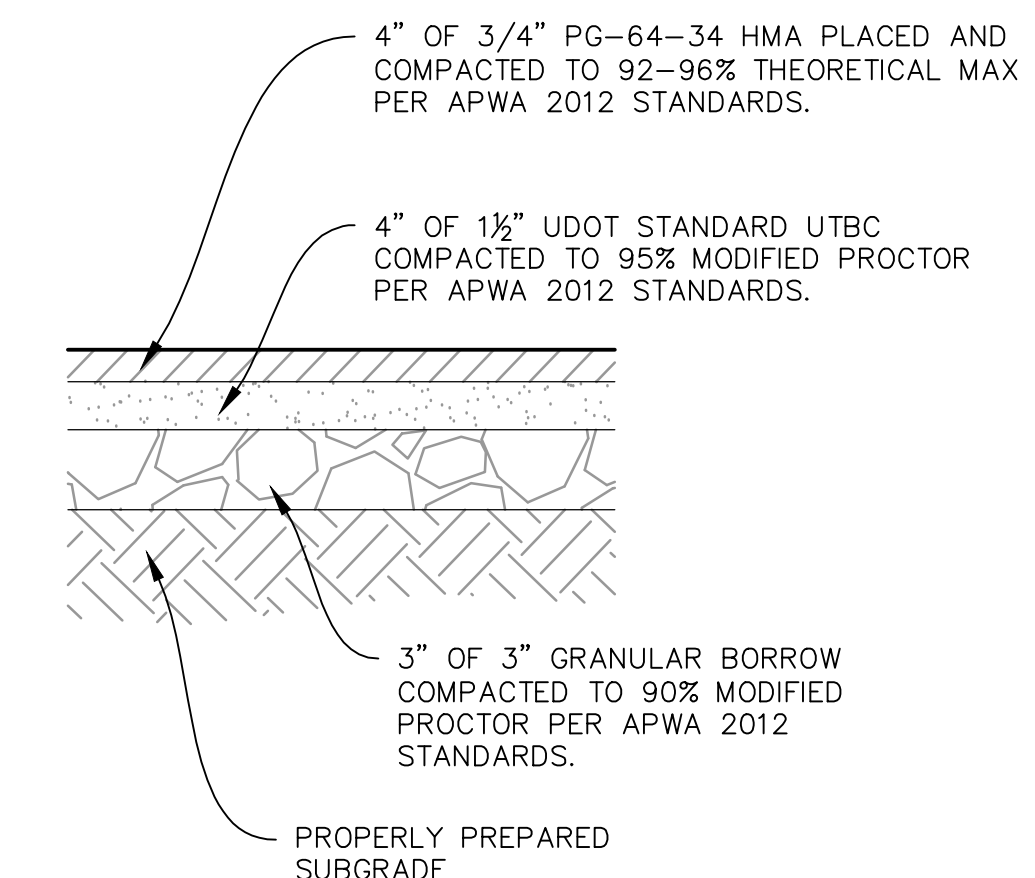


SHEET NUMBER
1.03
 SCALE
 VERTICAL: 1" = 8'
 HORIZONTAL: 1" = 100'
 JOB NUMBER
SLB079306





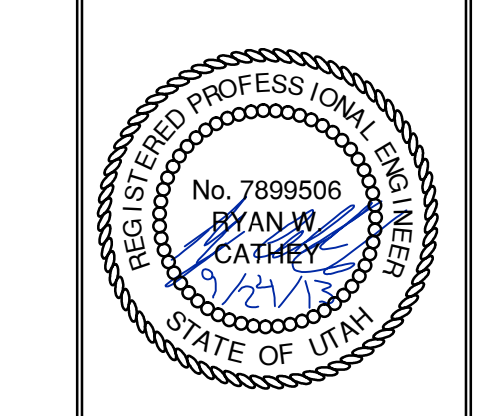
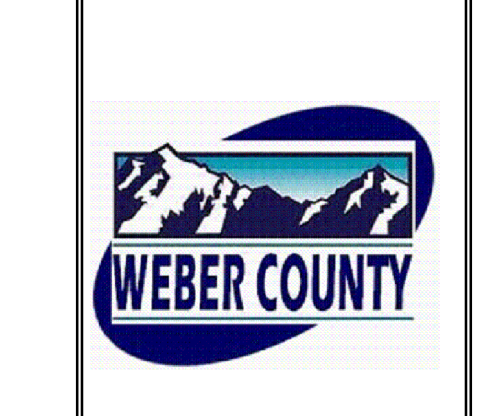
TYPICAL DRIVEWAY SECTION
(20' DRIVE EASEMENT)



PAVEMENT SECTION

PHASE 1 - ESTATE LOTS CONSTRUCTION
UTILITY PLAN

NV5
BEYOND ENGINEERING
5217 SOUTH STATE STREET, SUITE 200
801743.0000 TEL. 801743.0000 FAX
MURRAY, UT 84107
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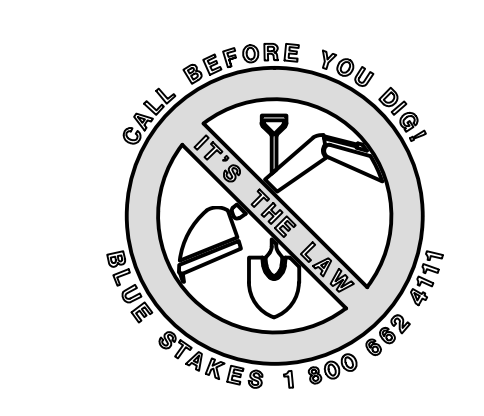


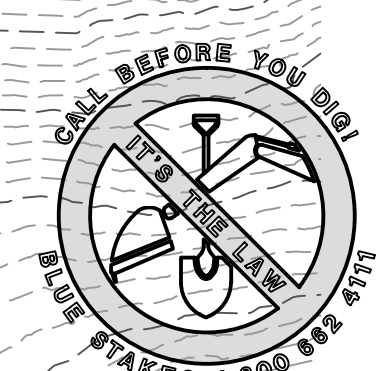
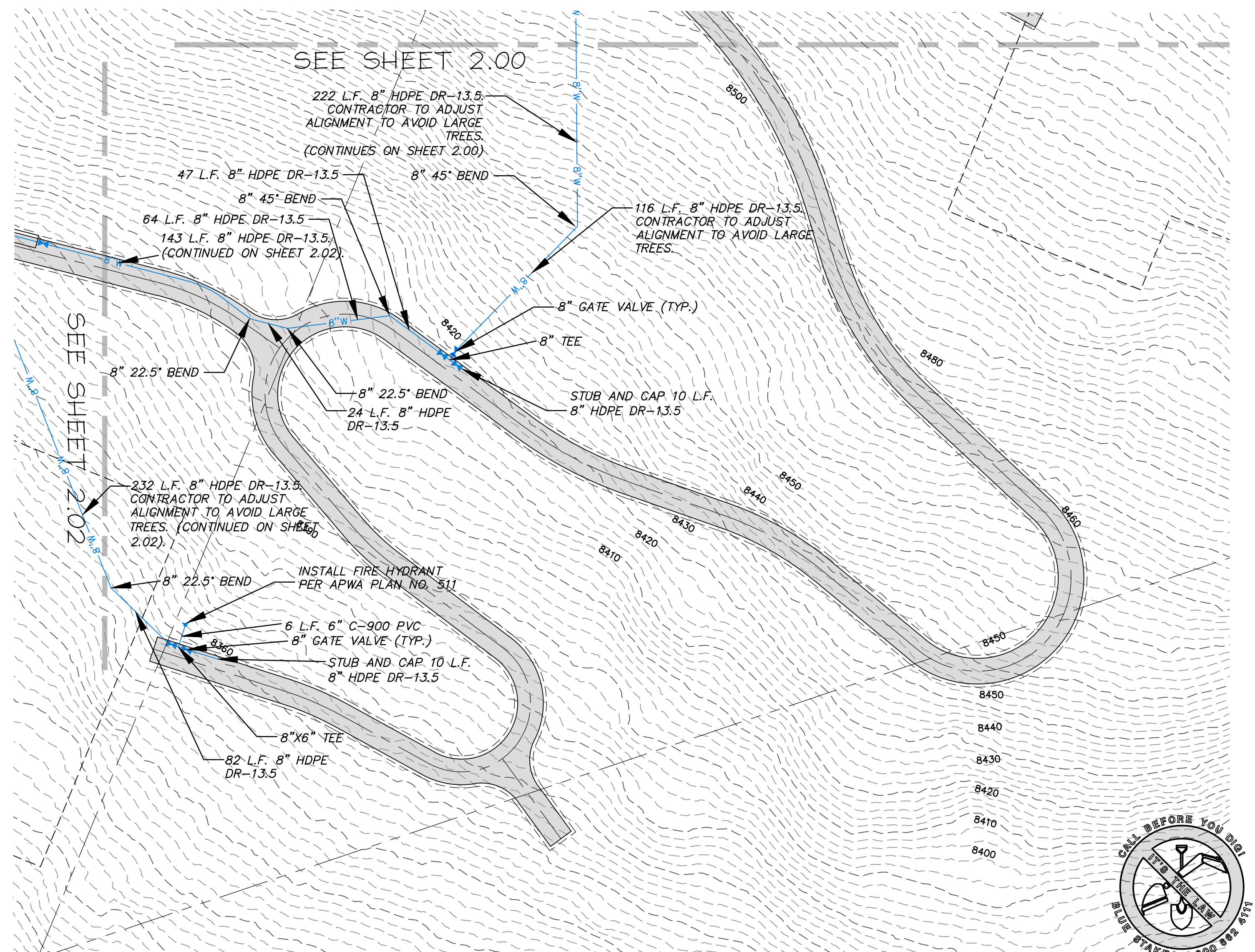
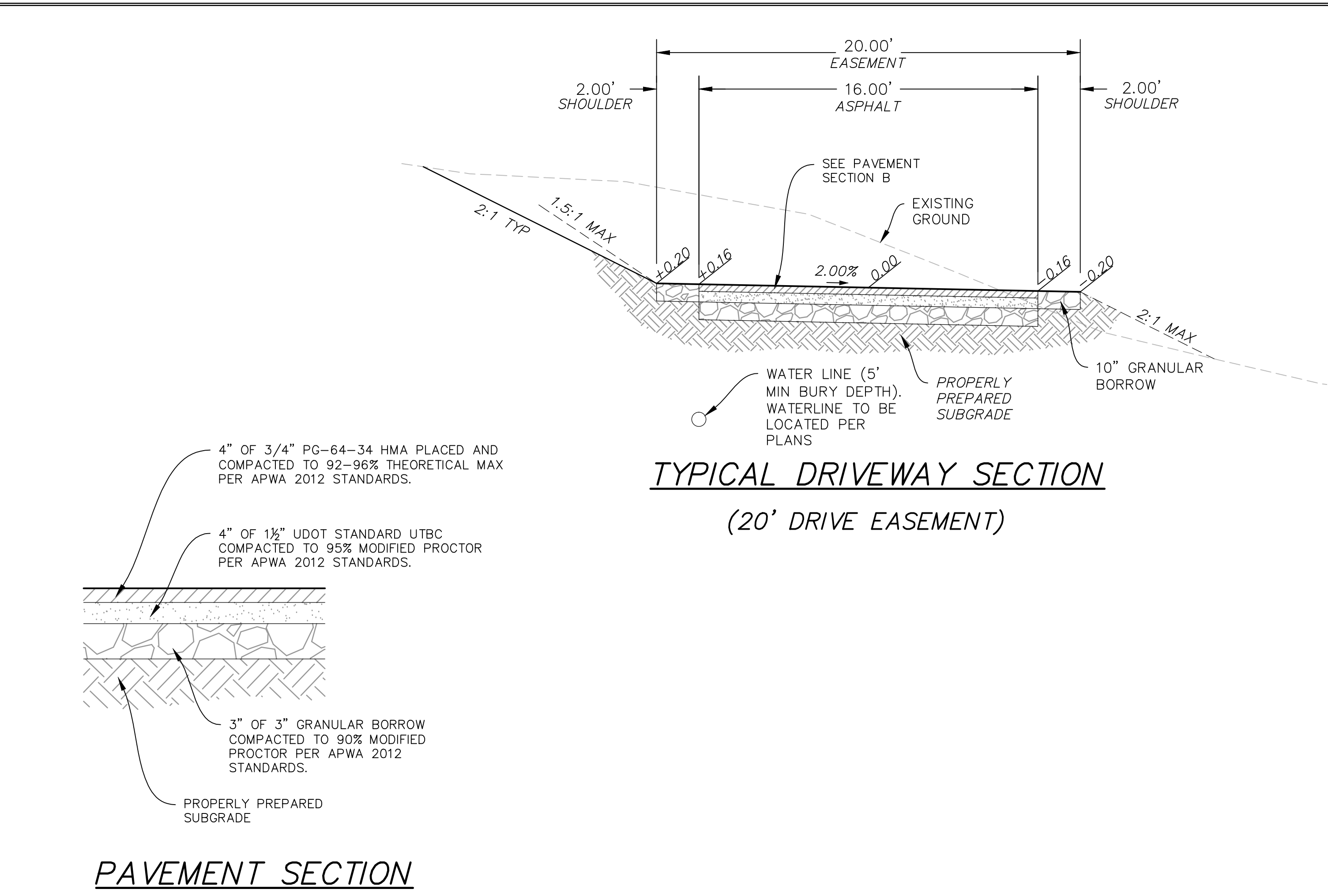
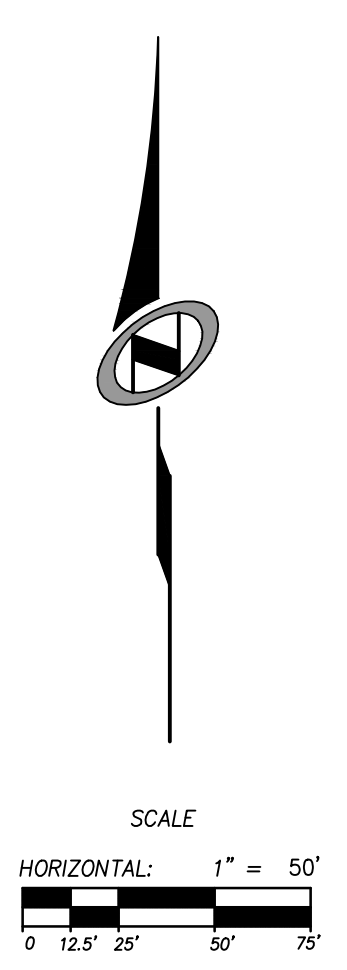
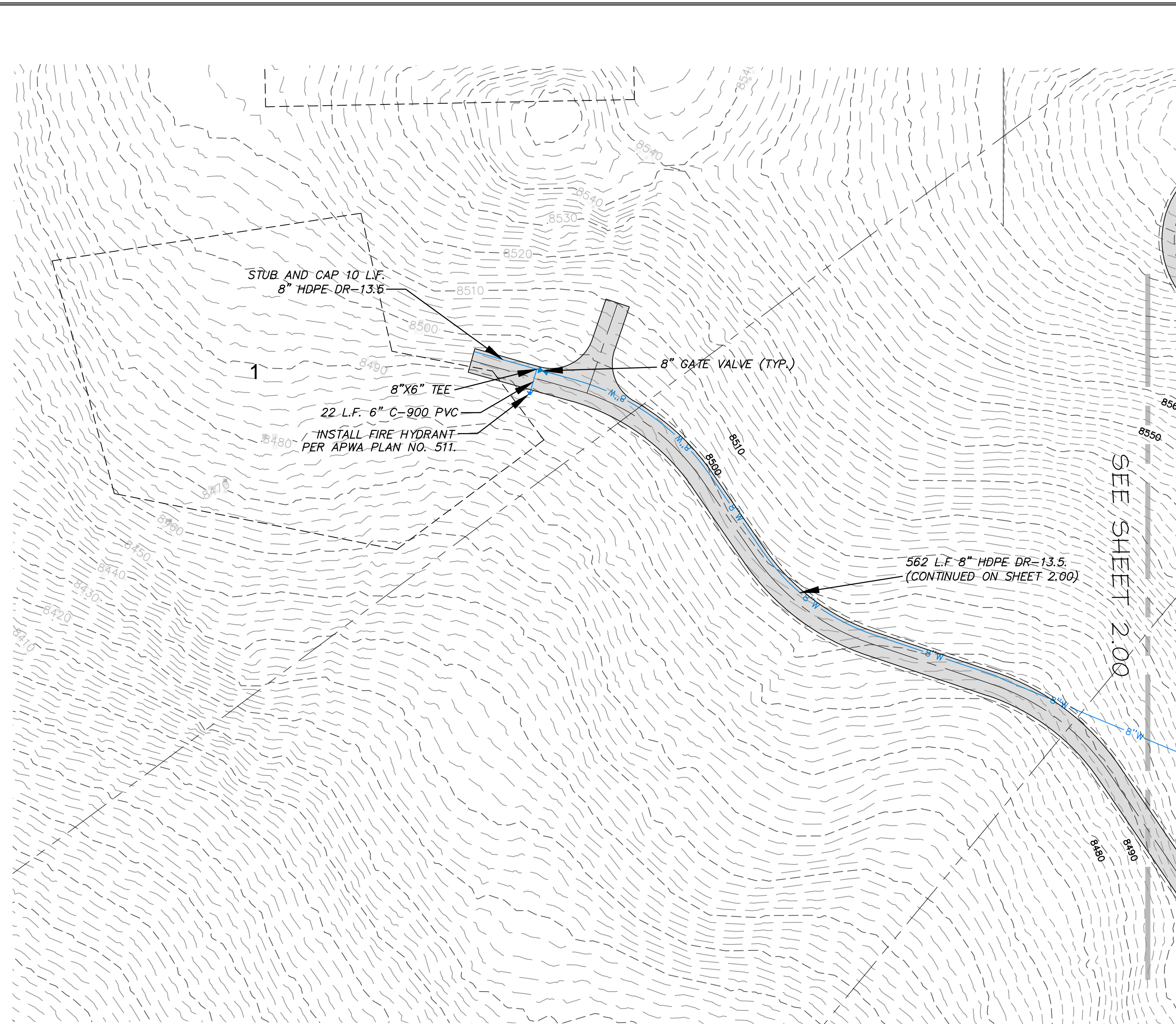
SHEET NUMBER	2.00
SCALE	VERTICAL: 1" = 8' HORIZONTAL: 1" = 100'
JOB NUMBER	SLB079306

CAUTION
The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans and must be approved by the preparer of these plans.

DATE SUBMITTED: 9/24/2013

PREPARED FOR: SUMMIT, LLC





NO.	BY	DATE	REVISIONS

PHASE 1 - ESTATE LOTS CONSTRUCTION

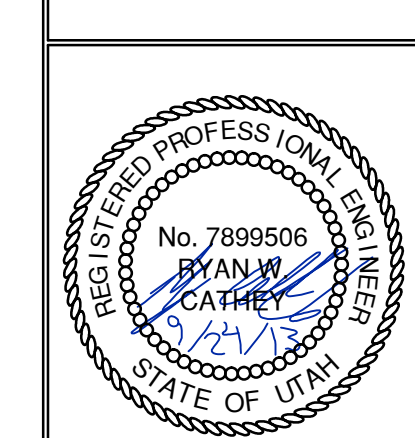
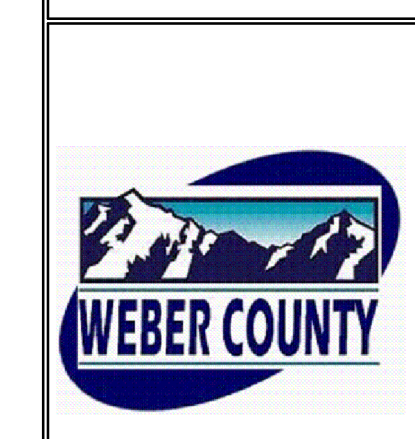
UTILITY PLAN

DATE SUBMITTED: 9/24/2013

PREPARED FOR: SUMMIT, LLC

NV5
 BEYOND ENGINEERING

5217 SOUTH STATE STREET, SUITE 200
 801743.000 TEL. 801743.000 FAX
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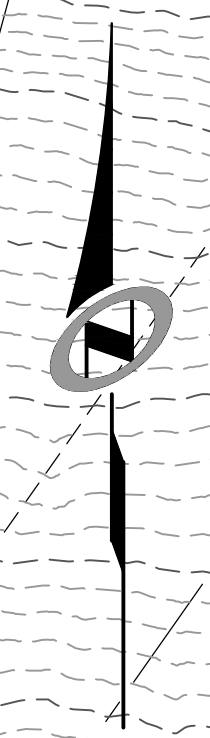
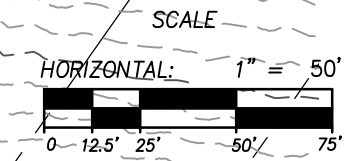
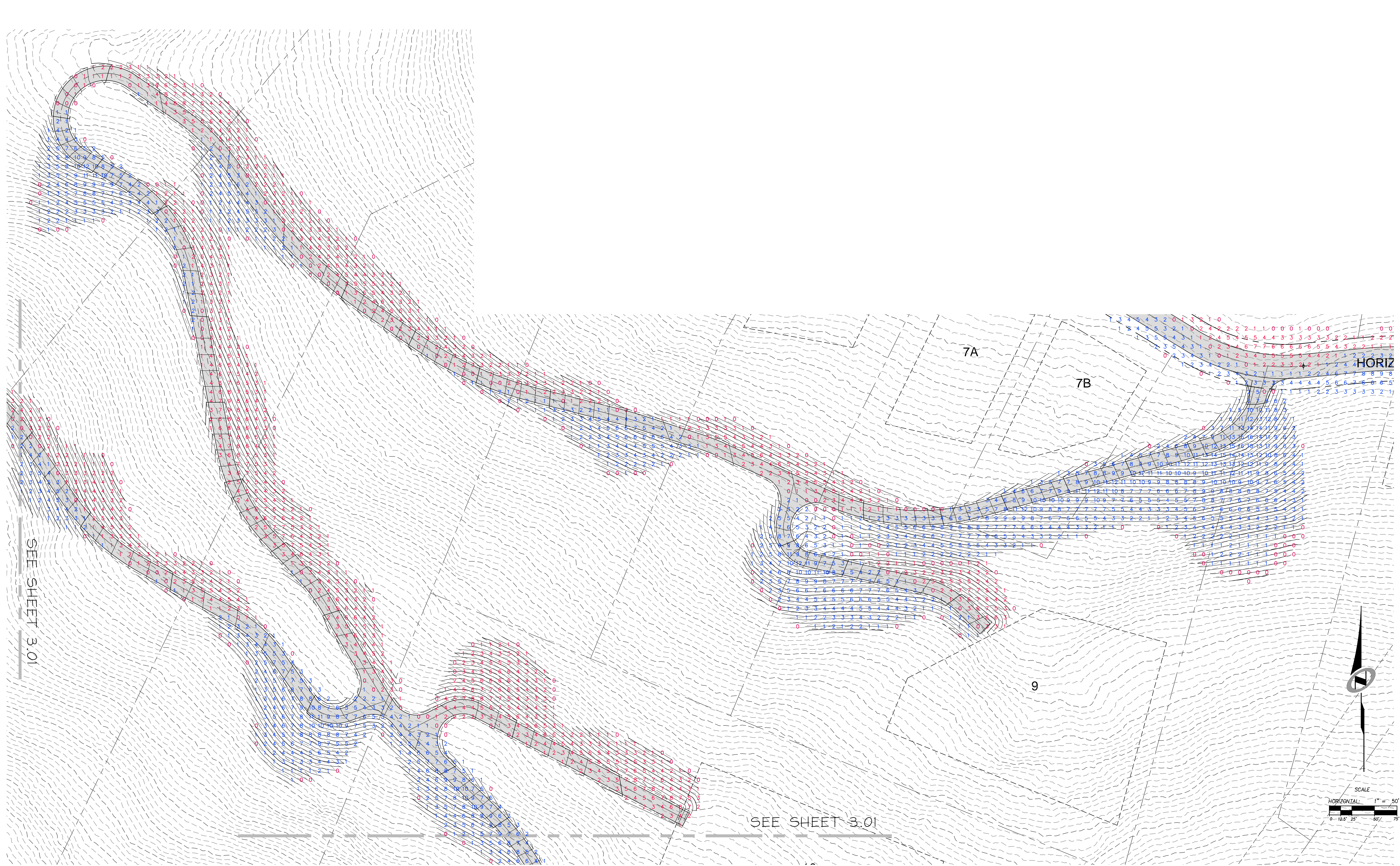


SHEET NUMBER
2.01

SCALE
 VERTICAL: 1" = 10'
 HORIZONTAL: 1" = 100'

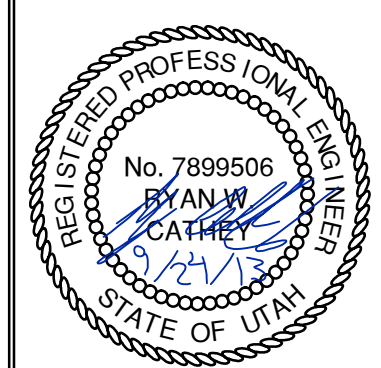
JOB NUMBER
SLB079306

CAUTION
 The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans unless the engineer has been notified in writing and must be approved by the preparer of these plans.



**PHASE 1 - ESTATE LOTS CONSTRUCTION
 EARTHWORK**

NV5
 BEYOND ENGINEERING
 5217 SOUTH STATE STREET, SUITE 200
 801743.0300 TEL. 801743.0300 FAX
 MURRAY, UT 84107
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SHEET NUMBER
3.00

SCALE
 VERTICAL: 1" = 10'
 HORIZONTAL: 1" = 50'

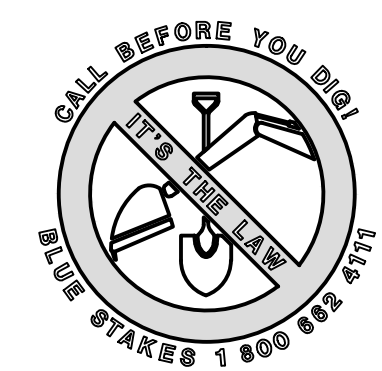
JOB NUMBER
SLB079306

DATE SUBMITTED: 9/24/2013

PREPARED FOR: SUMMIT, LLC

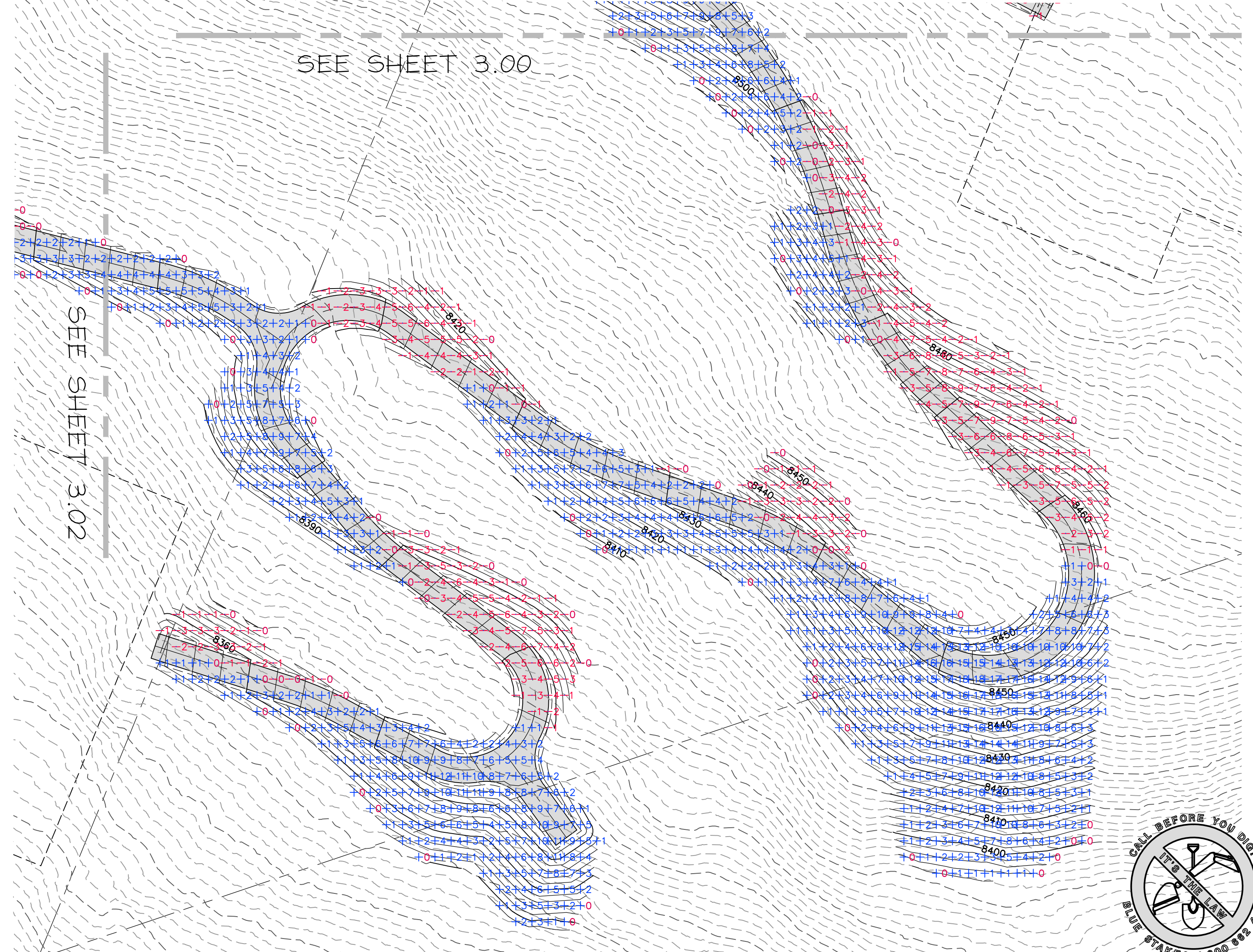
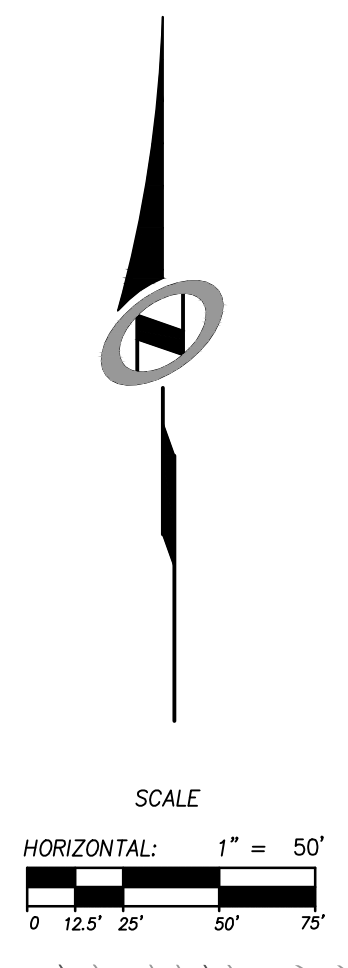
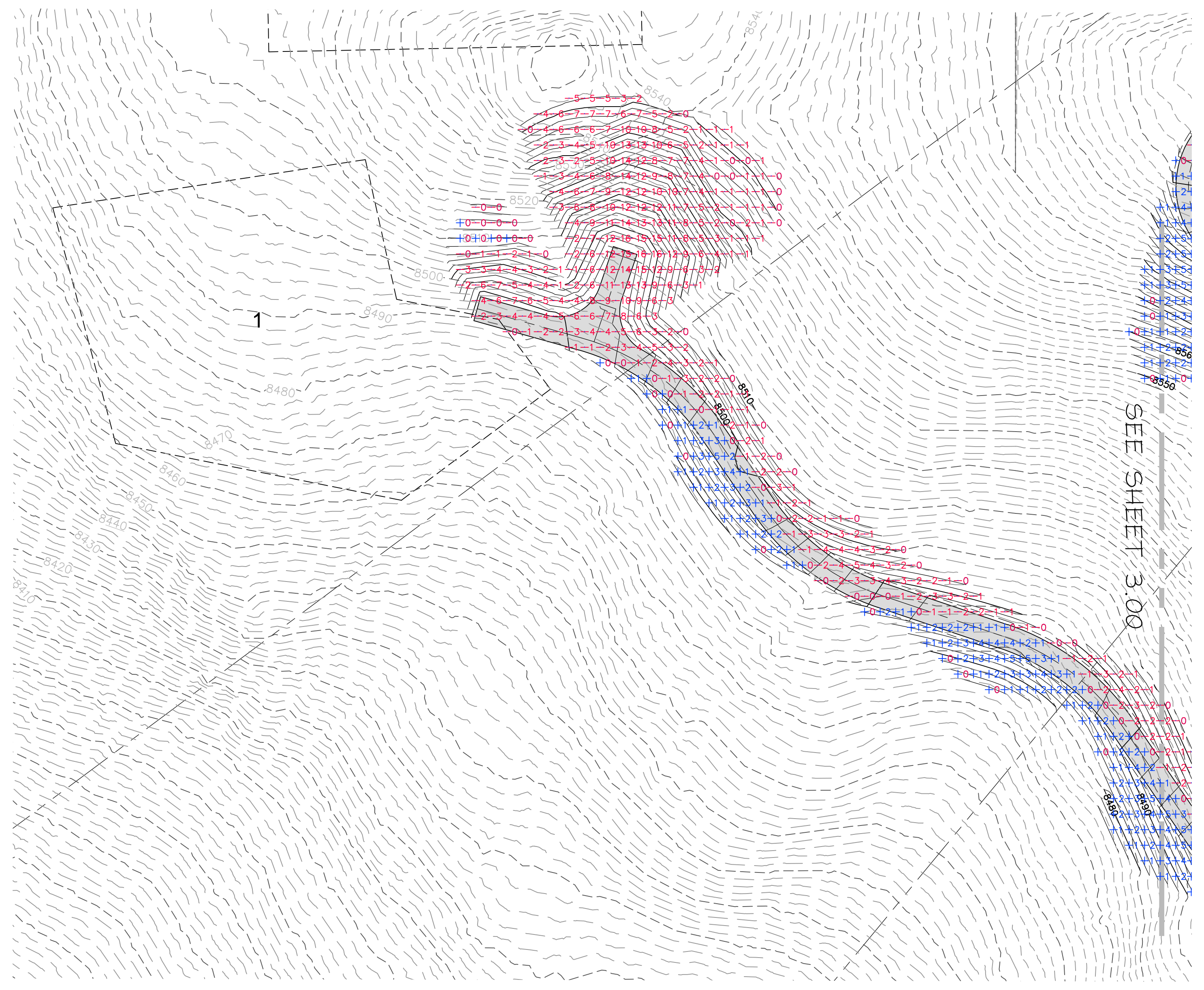
NO.	BY	DATE	REVISIONS

CAUTION
 The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans, and must be approved by the preparer of these plans.



DATE: 9/24/13 TIME: 11:57:55 AM DRAWING NAME: P:00101.DWG
 SERVER: NONE PLOT SETUP: PLOT-030-24x36 LAYOUT: Layout1
 PAIN:SLB0793\CADD\PHASE 1\PH-PRIVATE DRAINAGE_###.###_###.###_###.###

HALVERSON
 XREFS:



NO.	BY	DATE	REVISIONS

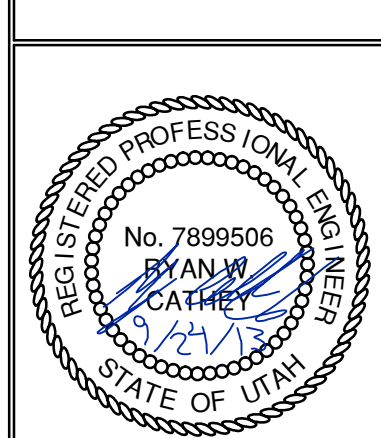
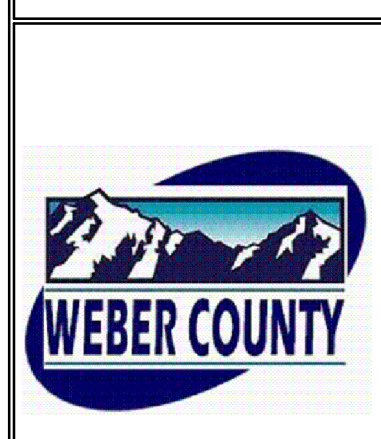
CAUTION
 The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. Any such changes or uses must be approved by the preparer of these plans.

**PHASE 1 - ESTATE LOTS CONSTRUCTION
 EARTHWORK**

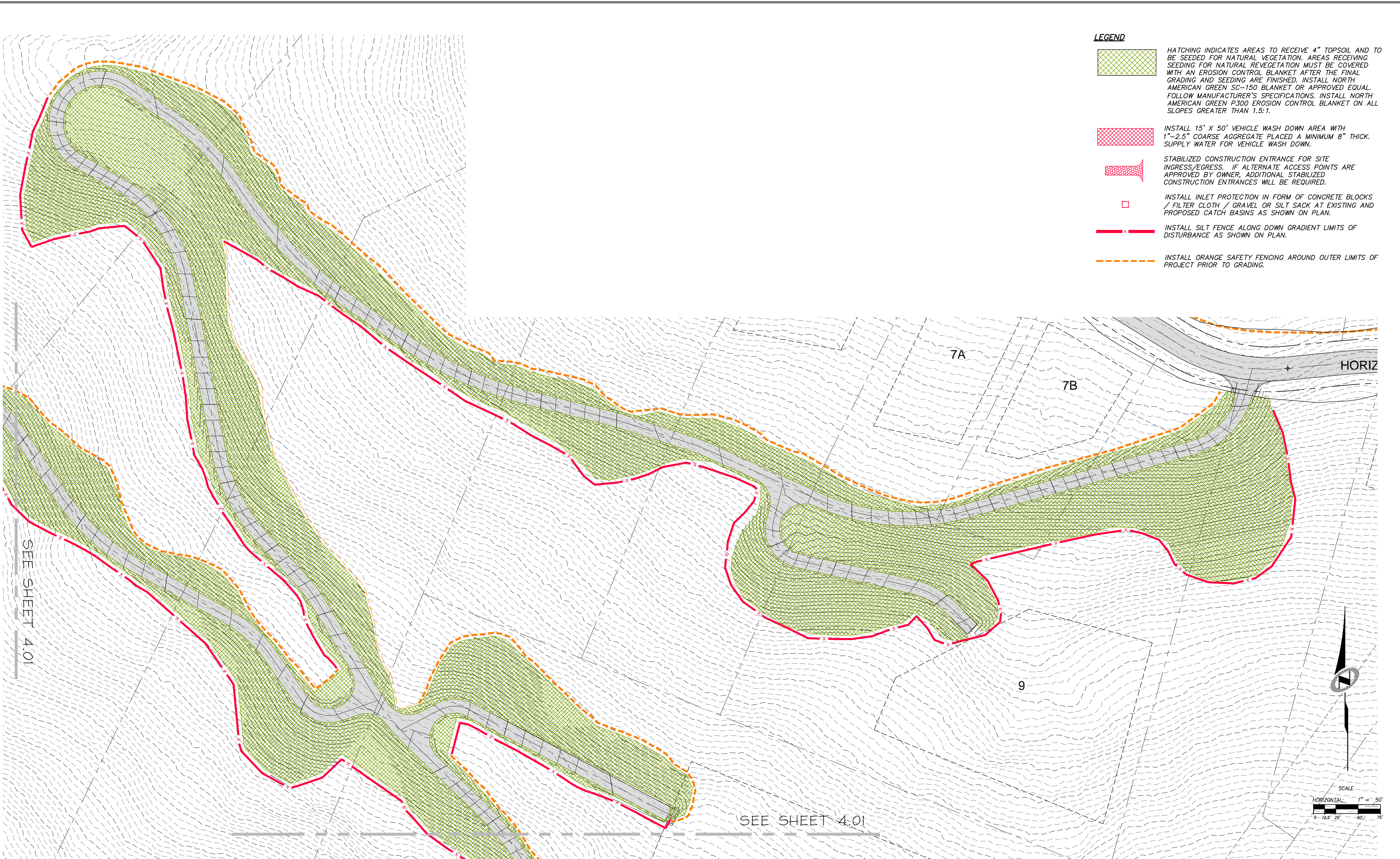
PREPARED FOR: SUMMIT, LLC

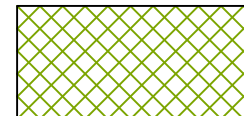

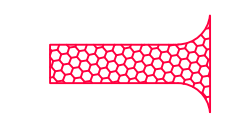



DATE SUBMITTED: 9/24/2013

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 5217 SOUTH STATE STREET, SUITE 200
 801743.0000 TEL. 801743.0000 FAX
 MURRAY, UT 84107
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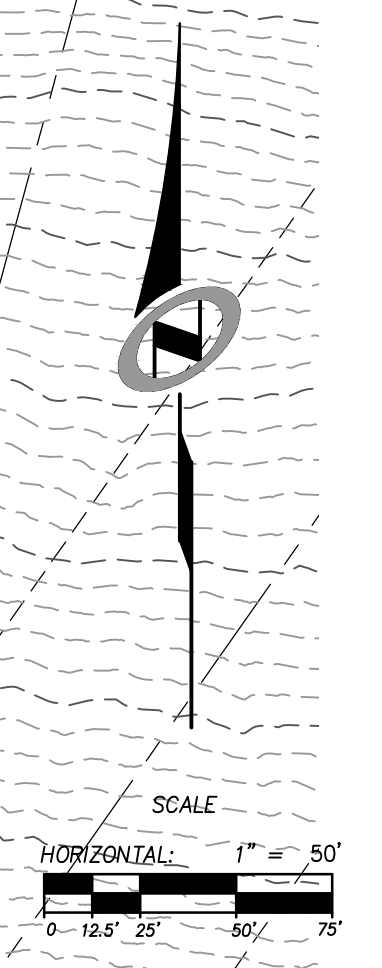
SHEET NUMBER	3.01
SCALE	VERTICAL: 1" = 10' HORIZONTAL: 1" = 100'
JOB NUMBER	SLB079306



- LEGEND**
-  HATCHING INDICATES AREAS TO RECEIVE 4" TOPSOIL AND TO BE SEEDED FOR NATURAL VEGETATION. AREAS RECEIVING SEEDING FOR NATURAL REVEGETATION MUST BE COVERED WITH AN EROSION CONTROL BLANKET AFTER THE FINAL GRADING AND SEEDING ARE FINISHED. INSTALL NORTH AMERICAN GREEN SC-150 BLANKET OR APPROVED EQUAL. FOLLOW MANUFACTURER'S SPECIFICATIONS. INSTALL NORTH AMERICAN GREEN P300 EROSION CONTROL BLANKET ON ALL SLOPES GREATER THAN 1.5:1.
 -  INSTALL 15' X 50' VEHICLE WASH DOWN AREA WITH 1"-2.5" COARSE AGGREGATE PLACED A MINIMUM 8" THICK. SUPPLY WATER FOR VEHICLE WASH DOWN.
 -  STABILIZED CONSTRUCTION ENTRANCE FOR SITE INGRESS/EGRESS. IF ALTERNATE ACCESS POINTS ARE APPROVED BY OWNER, ADDITIONAL STABILIZED CONSTRUCTION ENTRANCES WILL BE REQUIRED.
 -  INSTALL INLET PROTECTION IN FORM OF CONCRETE BLOCKS / FILTER CLOTH / GRAVEL OR SILT SACK AT EXISTING AND PROPOSED CATCH BASINS AS SHOWN ON PLAN.
 -  INSTALL SILT FENCE ALONG DOWN GRADIENT LIMITS OF DISTURBANCE AS SHOWN ON PLAN.
 -  INSTALL ORANGE SAFETY FENCING AROUND OUTER LIMITS OF PROJECT PRIOR TO GRADING.

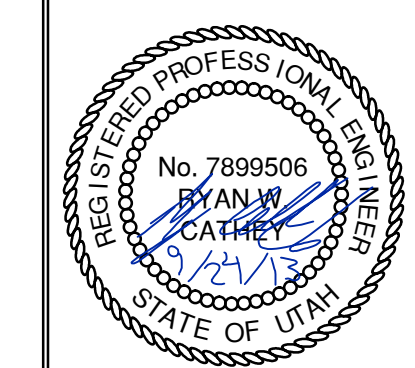
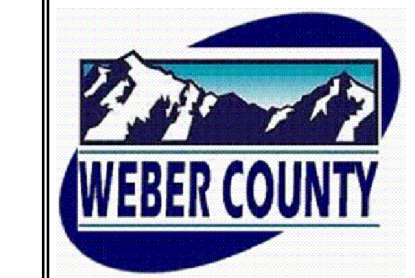
SEE SHEET 4.01

SEE SHEET 4.01



PHASE 1 - ESTATE LOTS CONSTRUCTION
EROSION CONTROL PLAN

NV5
 BEYOND ENGINEERING
 5217 SOUTH STATE STREET, SUITE 200
 801743.0000 TEL. 801743.0000 FAX
 MURRAY, UT 84107
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SHEET NUMBER	4.00
SCALE	VERTICAL: 1" = NA HORIZONTAL: 1" = 100
JOB NUMBER	SLB079306

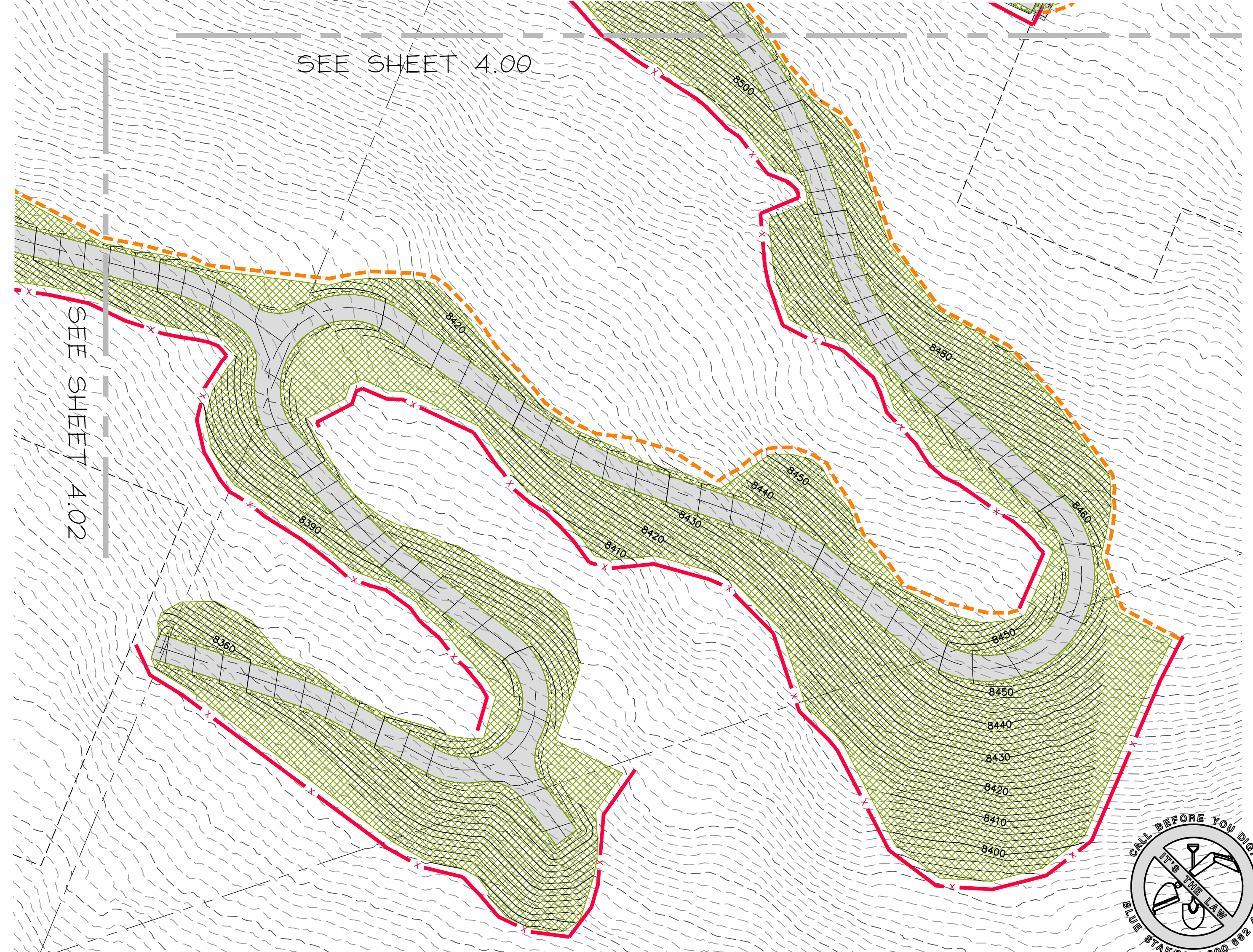
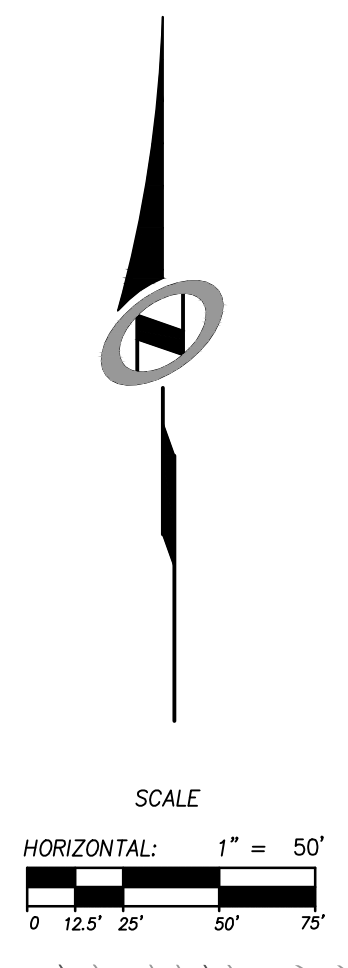
NO.	DATE	BY	REVISIONS

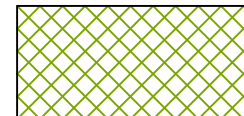

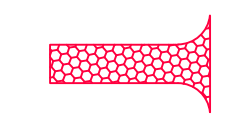



DATE SUBMITTED: 9/24/2013

PREPARED FOR: SUMMIT, LLC

CAUTION
 The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans unless they are specifically approved by the engineer of these plans.

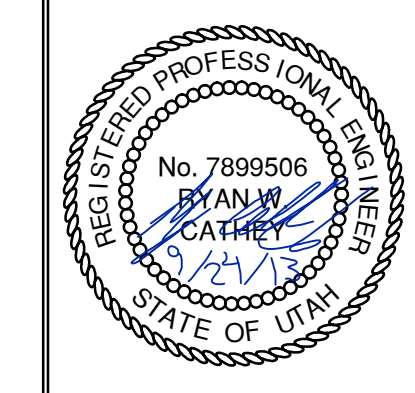
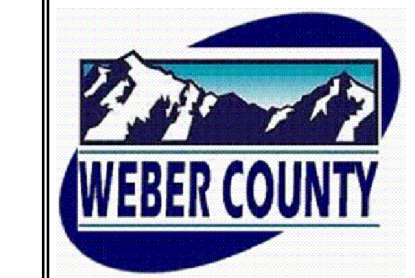




- LEGEND**
-  HATCHING INDICATES AREAS TO RECEIVE 4" TOPSOIL AND TO BE SEED FOR NATURAL VEGETATION. AREAS RECEIVING SEEDING FOR NATURAL VEGETATION MUST BE COVERED WITH AN EROSION CONTROL BLANKET AFTER THE FINAL GRADING AND SEEDING ARE FINISHED. INSTALL NORTH AMERICAN GREEN SC-150 BLANKET OR APPROVED EQUAL. FOLLOW MANUFACTURER'S SPECIFICATIONS. INSTALL NORTH AMERICAN GREEN P300 EROSION CONTROL BLANKET ON ALL SLOPES GREATER THAN 1.5:1.
 -  INSTALL 15' X 50' VEHICLE WASH DOWN AREA WITH 1"-2.5" COARSE AGGREGATE PLACED A MINIMUM 8" THICK. SUPPLY WATER FOR VEHICLE WASH DOWN.
 -  STABILIZED CONSTRUCTION ENTRANCE FOR SITE INGRESS/EGRESS. IF ALTERNATE ACCESS POINTS ARE APPROVED BY OWNER, ADDITIONAL STABILIZED CONSTRUCTION ENTRANCES WILL BE REQUIRED.
 -  INSTALL INLET PROTECTION IN FORM OF CONCRETE BLOCKS / FILTER CLOTH / GRAVEL OR SILT SACK AT EXISTING AND PROPOSED CATCH BASINS AS SHOWN ON PLAN.
 -  INSTALL SILT FENCE ALONG DOWN GRADIENT LIMITS OF DISTURBANCE AS SHOWN ON PLAN.
 -  INSTALL ORANGE SAFETY FENCING AROUND OUTER LIMITS OF PROJECT PRIOR TO GRADING.

**PHASE 1 - ESTATE LOTS CONSTRUCTION
 EROSION CONTROL PLAN**

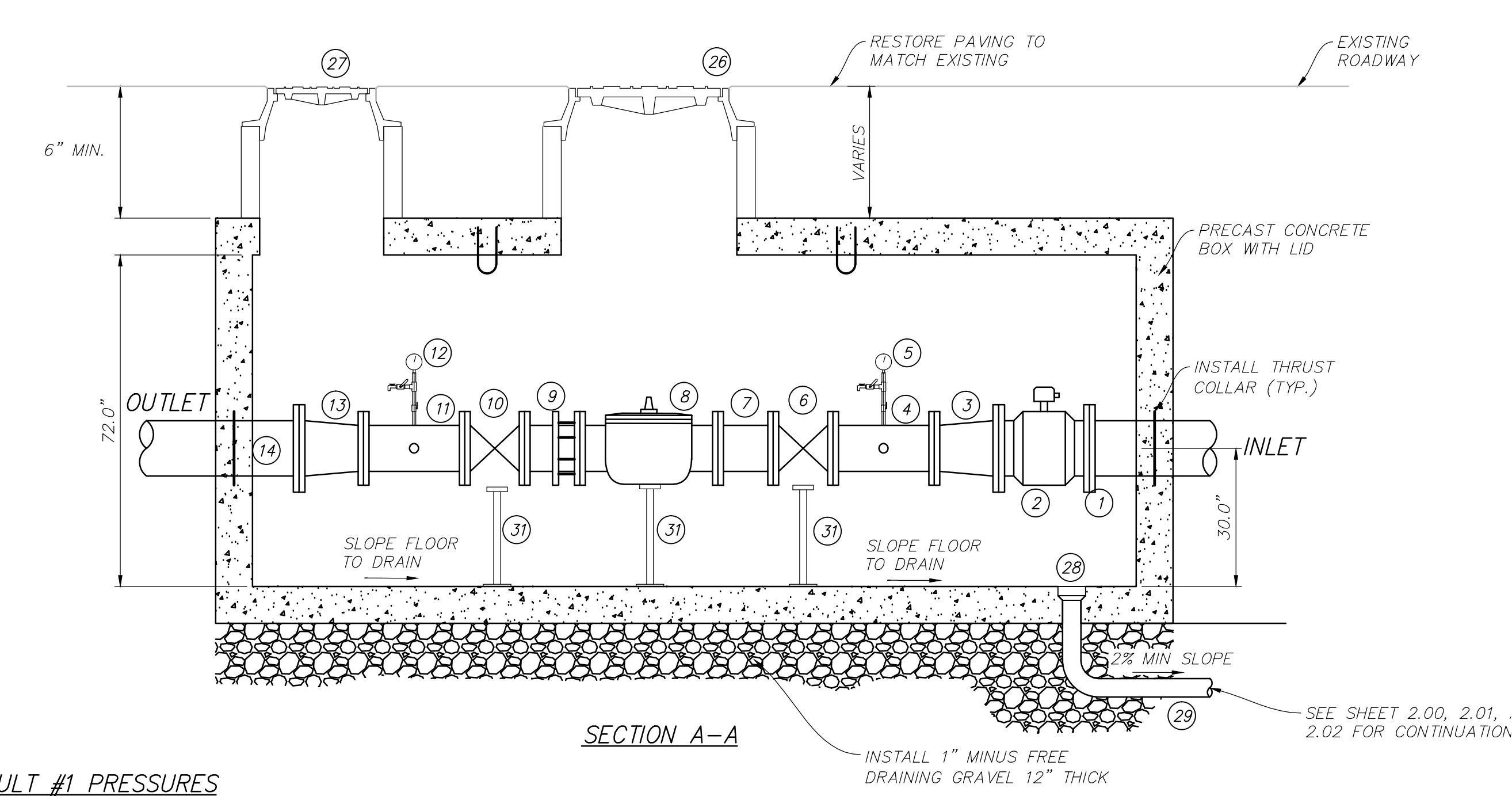
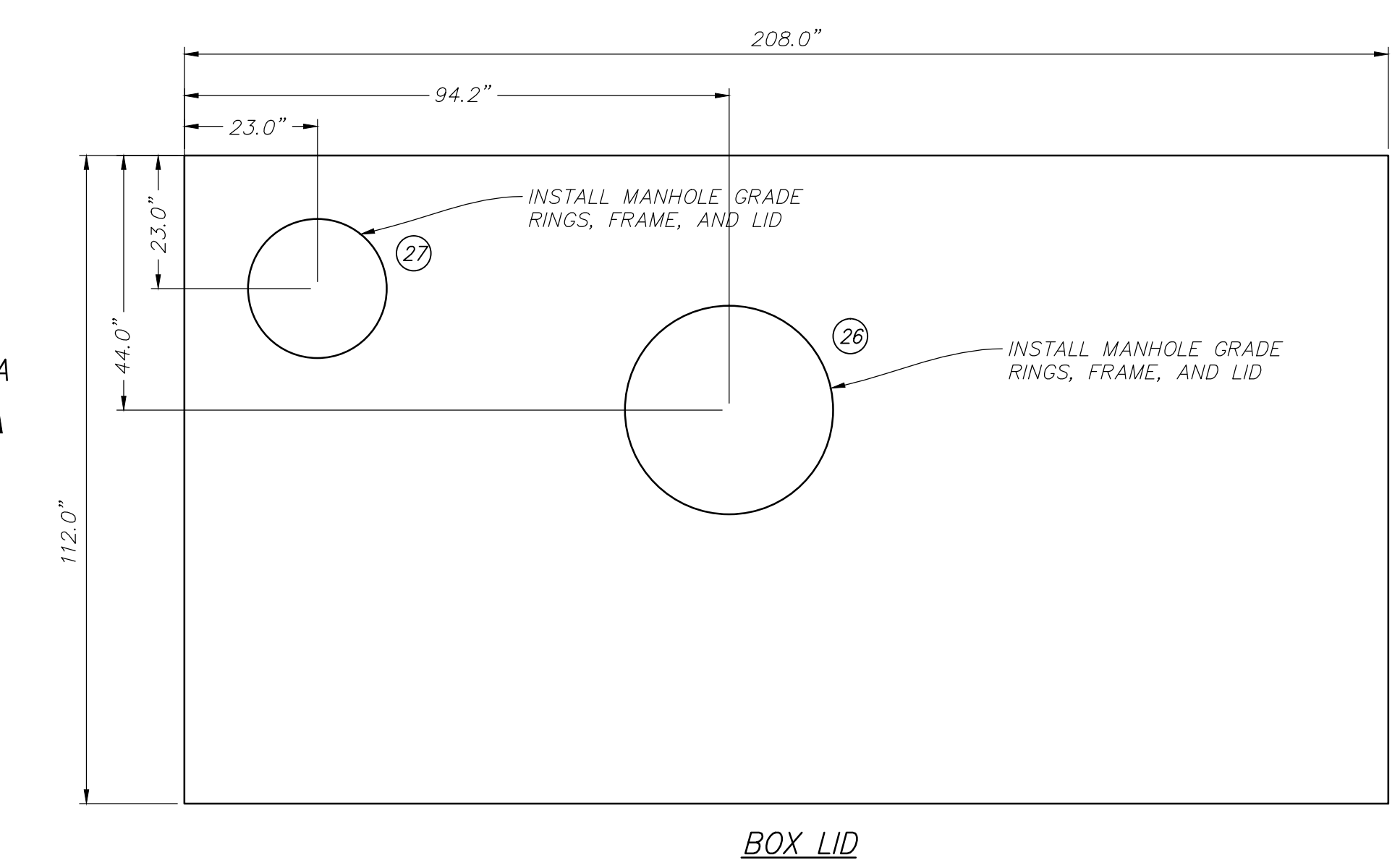
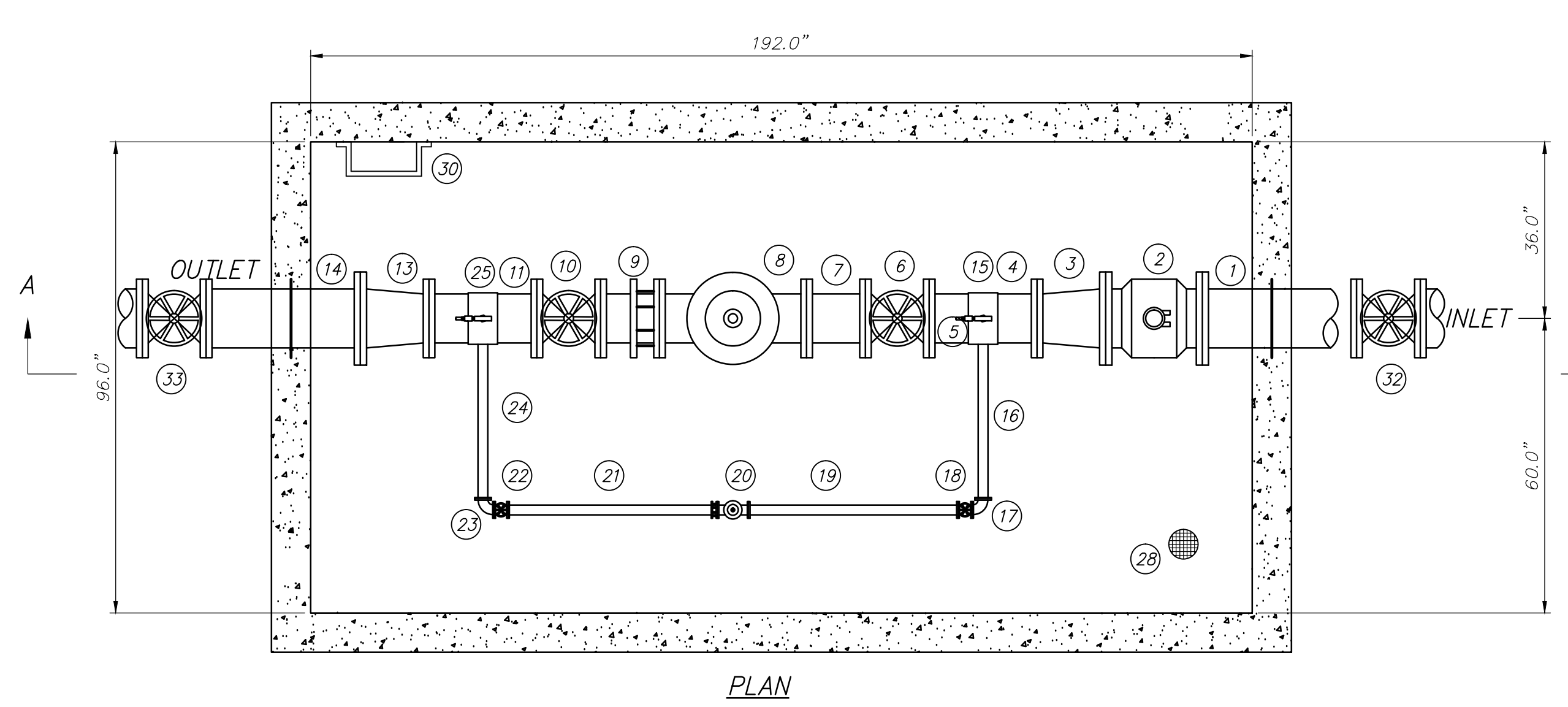
NV5
 BEYOND ENGINEERING
 5217 SOUTH STATE STREET, SUITE 200
 801743.000 TEL. 801743.000 FAX
 MURRAY, UT 84107
 WWW.NV5.COM



SHEET NUMBER	4.01
SCALE	VERTICAL: 1" = 10' HORIZONTAL: 1" = 100'
JOB NUMBER	SLB079306

CAUTION
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PREPARED FOR: SUMMIT, LLC
 DATE SUBMITTED: 9/24/2013



Number	Description	Make	Size/Dia.	Length	Action
1	INLET		8	(1)	INSTALL NEW
2	METER		8	-	INSTALL NEW KROHNE ENVIROMAG 2000 METER
3	SPOOL		8	14	INSTALL NEW
4	SPOOL		8	22	INSTALL NEW
5	GAUGE TREE		-	-	INSTALL NEW PER DETAIL B, THIS SHEET
6	GV	MUELLER	8	13	INSTALL NEW
7	SPOOL		8	(1)	INSTALL NEW
8	PRV	CLA-VAL	8	30	INSTALL NEW CLA-VAL MODEL 90-01
9	SPOOL		8	(1)	INSTALL NEW, FLXPE w/FLXMJ ADAPTER
10	GV	MUELLER	8	13	INSTALL NEW
11	SPOOL		8	22	INSTALL NEW
12	GAUGE TREE		-	-	INSTALL NEW PER DETAIL B, THIS SHEET
13	SPOOL		8	14	INSTALL NEW
14	OUTLET		8	(1)	INSTALL NEW
15	4" SADDLE TAP		8	-	INSTALL NEW
16	SPOOL		4	(1)	INSTALL NEW
17	90 BEND		4	-	INSTALL NEW
18	GV	MUELLER	4	11.5	INSTALL NEW
19	SPOOL		4	(1)	INSTALL NEW
20	PRV	CLA-VAL	4	25.5	INSTALL NEW CLA-VAL MODEL 90-01
21	SPOOL		4	(1)	INSTALL NEW, FLXPE w/FLXMJ ADAPTER
22	GV	MUELLER	4	11.5	INSTALL NEW
23	90 BEND		4	-	INSTALL NEW
24	SPOOL		4	(1)	INSTALL NEW
25	4" SADDLE TAP		8	-	INSTALL NEW
26	MH and COVER		36	-	INSTALL NEW
27	MH and COVER		24	-	INSTALL NEW
28	5" FLOOR DRAIN		5	-	INSTALL NEW
29	4" PVC DRAIN PIPE		4	-	INSTALL NEW
30	POLYPROPYLENE MANHOLE STEPS		-	-	INSTALL NEW SPACED AT 12" O.C. PER MANUFACTURER'S SPECIFICATIONS
31	PIPE SUPPORT		-	-	INSTALL NEW PER DETAIL D, THIS SHEET

(1) ADJUST SPOOL LENGTH TO FIT NEW VAULT
 (2) PIPE MATERIAL TO BE DUCTILE IRON
 (3) TRANSITION FROM HDPE TO DI 5'-0" BEFORE AND AFTER THE VAULT. ALL MATERIAL INSIDE THE VAULT SHALL BE DUCTILE IRON.

PRV VAULT #1 PRESSURES

MAINLINE PRESSURE
 -INLET: 100 PSI
 -OUTLET: 40 PSI

BYPASS PRESSURE
 -INLET: 100 PSI
 -OUTLET: 40 PSI

PRV VAULT #2 PRESSURES

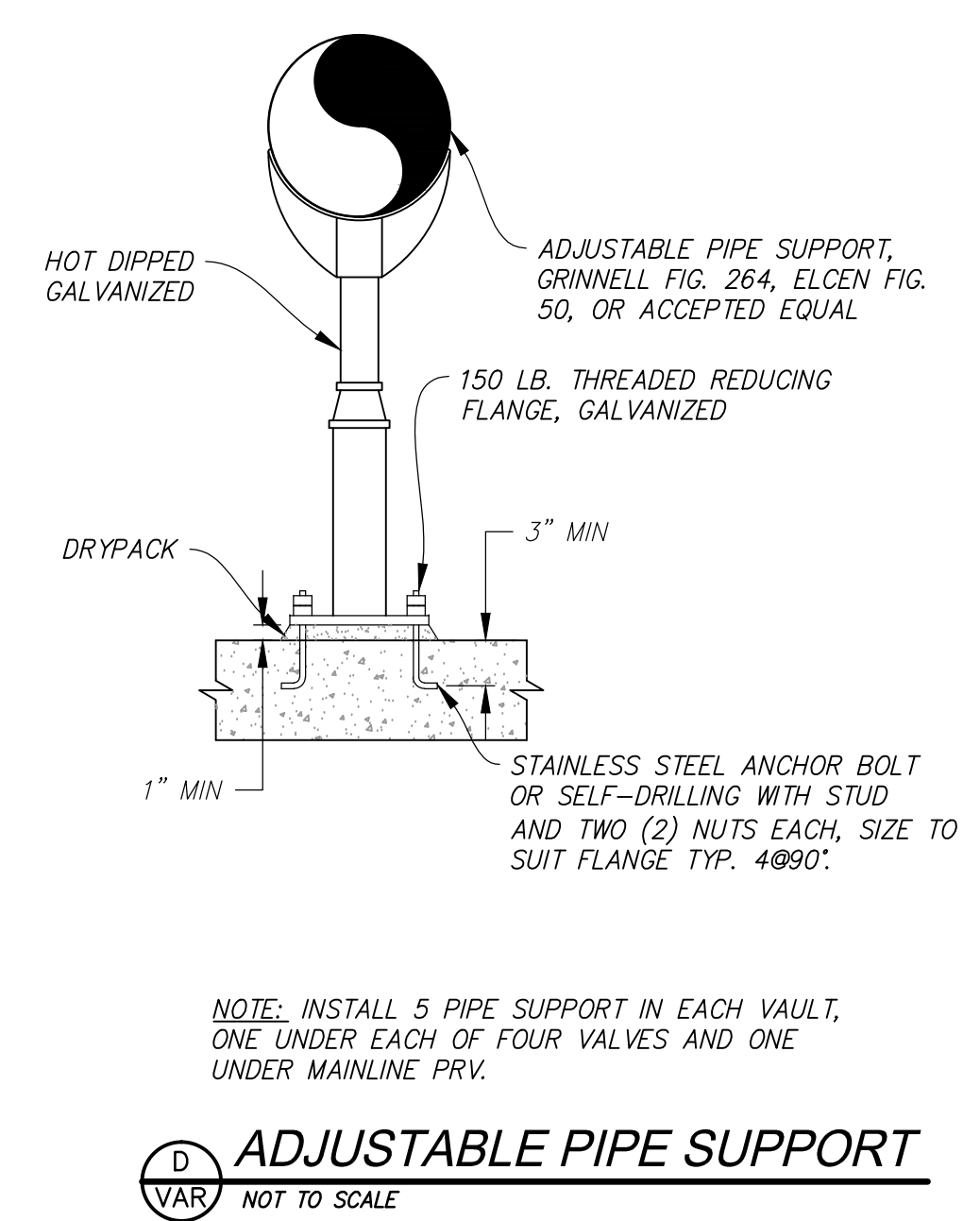
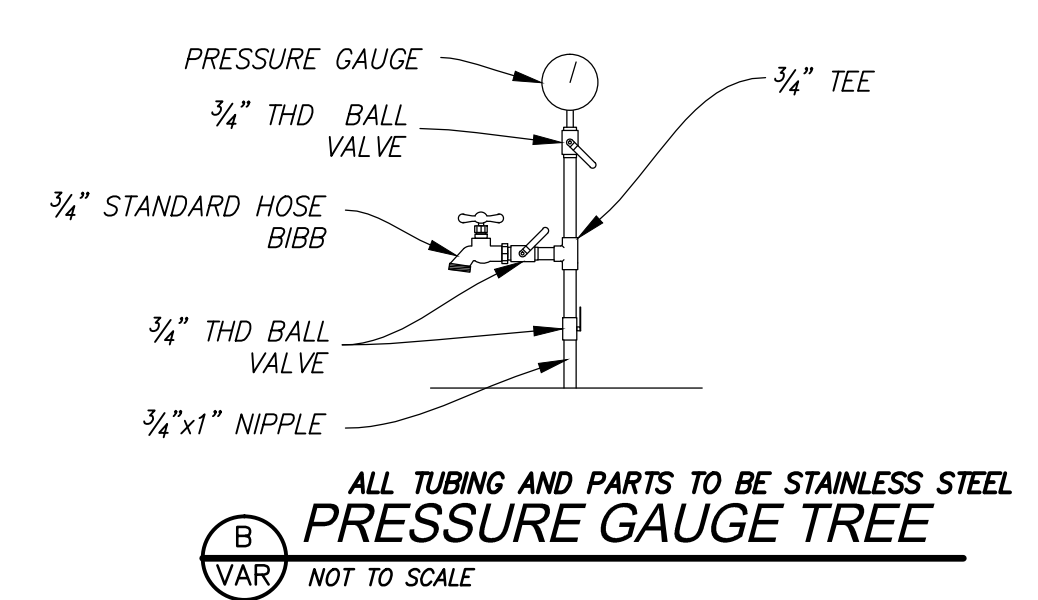
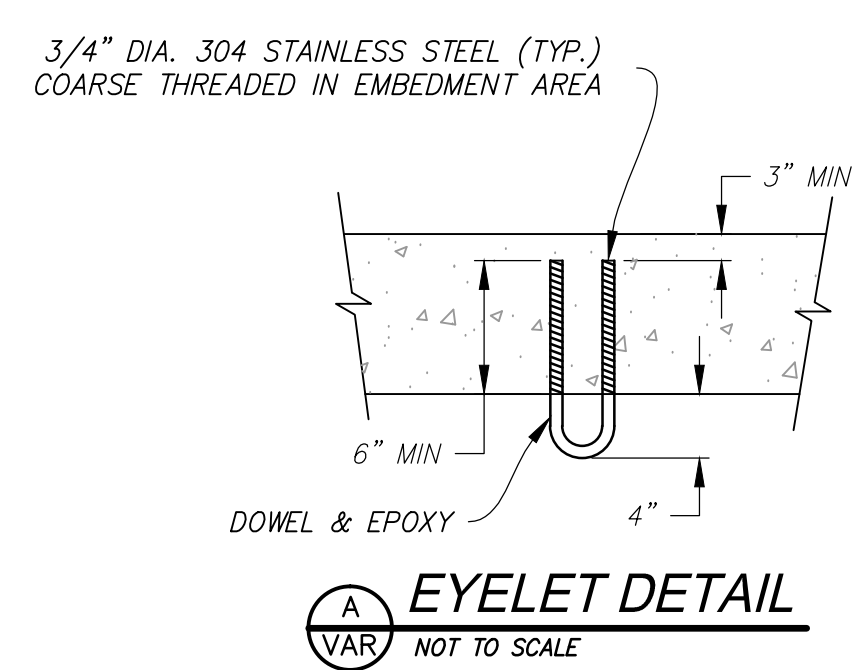
MAINLINE PRESSURE
 -INLET: 100 PSI
 -OUTLET: 40 PSI

BYPASS PRESSURE
 -INLET: 100 PSI
 -OUTLET: 40 PSI

PRV VAULT #3 PRESSURES

MAINLINE PRESSURE
 -INLET: 100 PSI
 -OUTLET: 40 PSI

BYPASS PRESSURE
 -INLET: 100 PSI
 -OUTLET: 40 PSI



PHASE 1 - ESTATE LOTS CONSTRUCTION
WATER VAULT PLANS

DATE SUBMITTED: 9/24/2013

PREPARED FOR: SUMMIT, LLC

NV5
 BEYOND ENGINEERING
 5217 SOUTH STATE STREET, SUITE 200
 801743.0000 TEL. 801743.0000 FAX
 MURRAY, UT 84107
 WWW.NV5.COM

WEBER COUNTY

REGISTERED PROFESSIONAL ENGINEER
 No. 7899506
 RYAN W. CATHEY
 STATE OF UTAH

SHEET NUMBER
5.00

SCALE
 VERTICAL: 1" = N/A
 HORIZONTAL: 1" = N/A

JOB NUMBER
SLB079306

