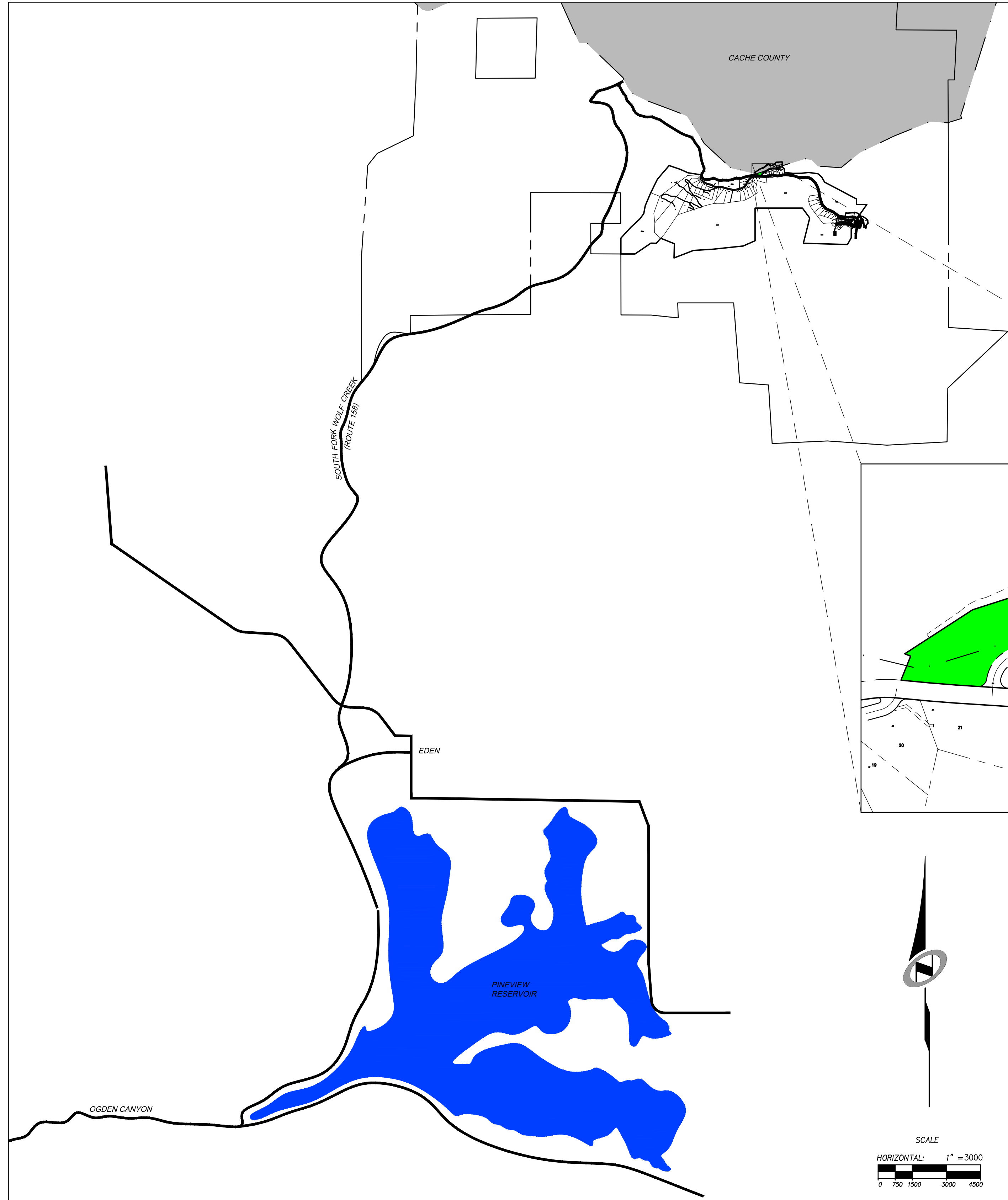


SUMMIT EDEN RIDGE NEST PRUD

CONSTRUCTION DRAWINGS

Located in Sec 05 and 06 T7N R2E
Weber County, Utah

DATE: 12/20/13 TIME: 11:56:42 AM DRAWING NAME: P1001.DWG
SERVER: NONE PAGE SETUP: P1001-030-24-08 LAYOUT: LAYOUT1
PATH: N:\SUB0703\CADD\PHASE 1\VP-10135_030-24-08_P1001.dwg PROJ. NO.: ###



SHEET INDEX:

SHEET NO.	SHEET DESCRIPTION
1	1.00 CIVIL TITLE SHEET
2	1.01 GENERAL NOTES, LEGEND, AND KEYNOTES
3	1.02 OVERALL SITE & UTILITY PLAN
4	1.03 OVERALL GRADING & DRAINAGE PLAN
5	4.00 EROSION CONTROL
6	5.10 SANITARY SEWER DETAILS
7	ET01 FIRE PROTECTION

SUMMIT EDEN RIDGE NESTS PRUD

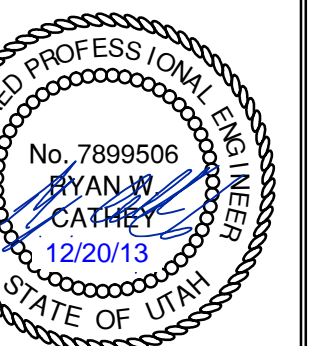
CIVIL TITLE SHEET

DATE SUBMITTED: 12/20/2013

PREPARED FOR: SUMMIT MOUNTAIN HOLDINGS GROUP, LLC



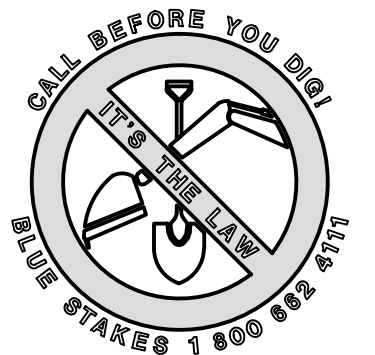
BEYOND ENGINEERING
6217 SOUTH STATE STREET, SUITE 200
801743.0300 TEL. 801743.0300 FAX
MURRAY, UT 84107
WWW.NIV5.COM



SHEET NUMBER
1.00

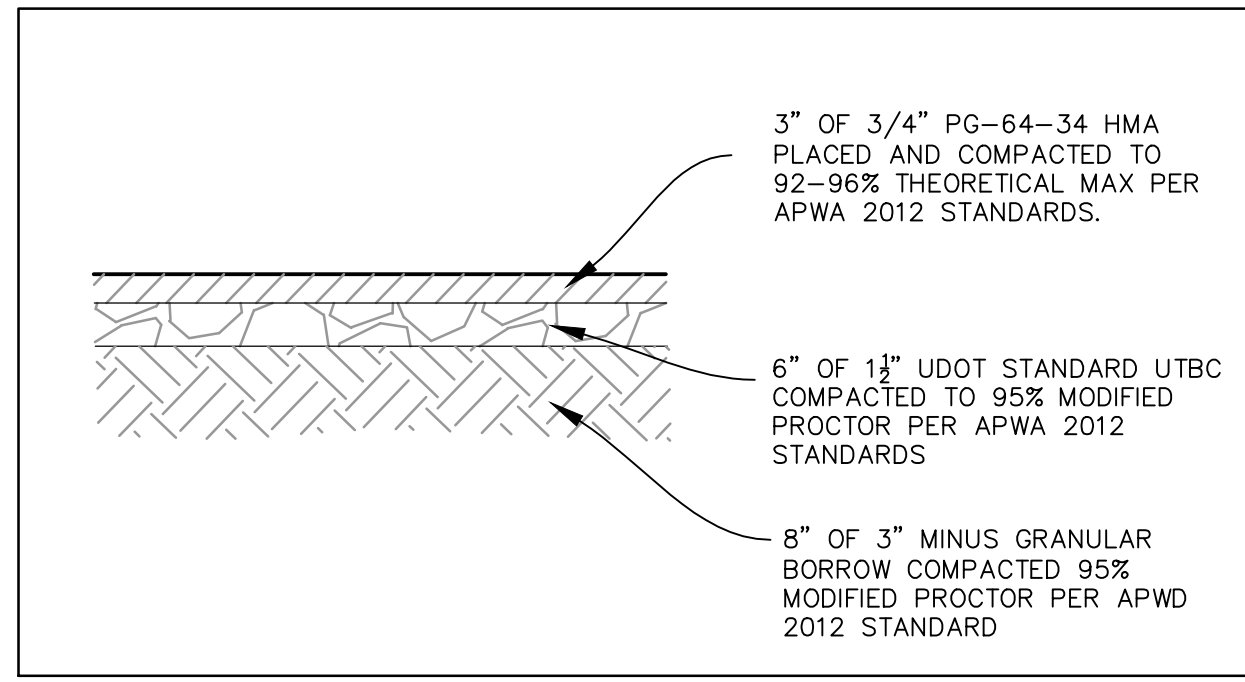
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HORIZONTAL: 1" = 3000'

JOB NUMBER
SLB079306

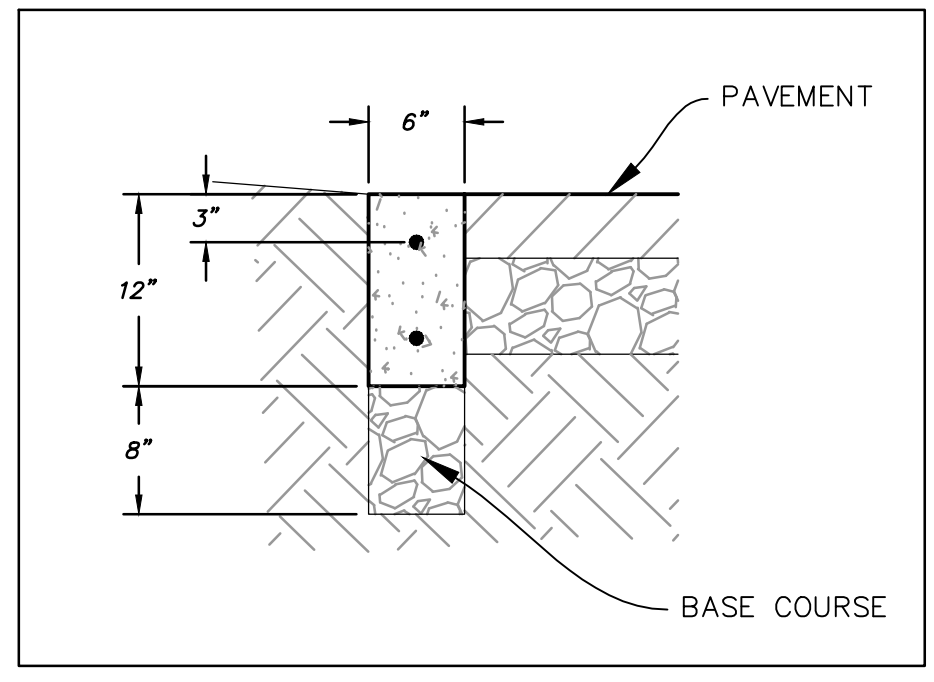


CAUTION
The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. Any such changes or uses must be approved by the preparer of these plans.

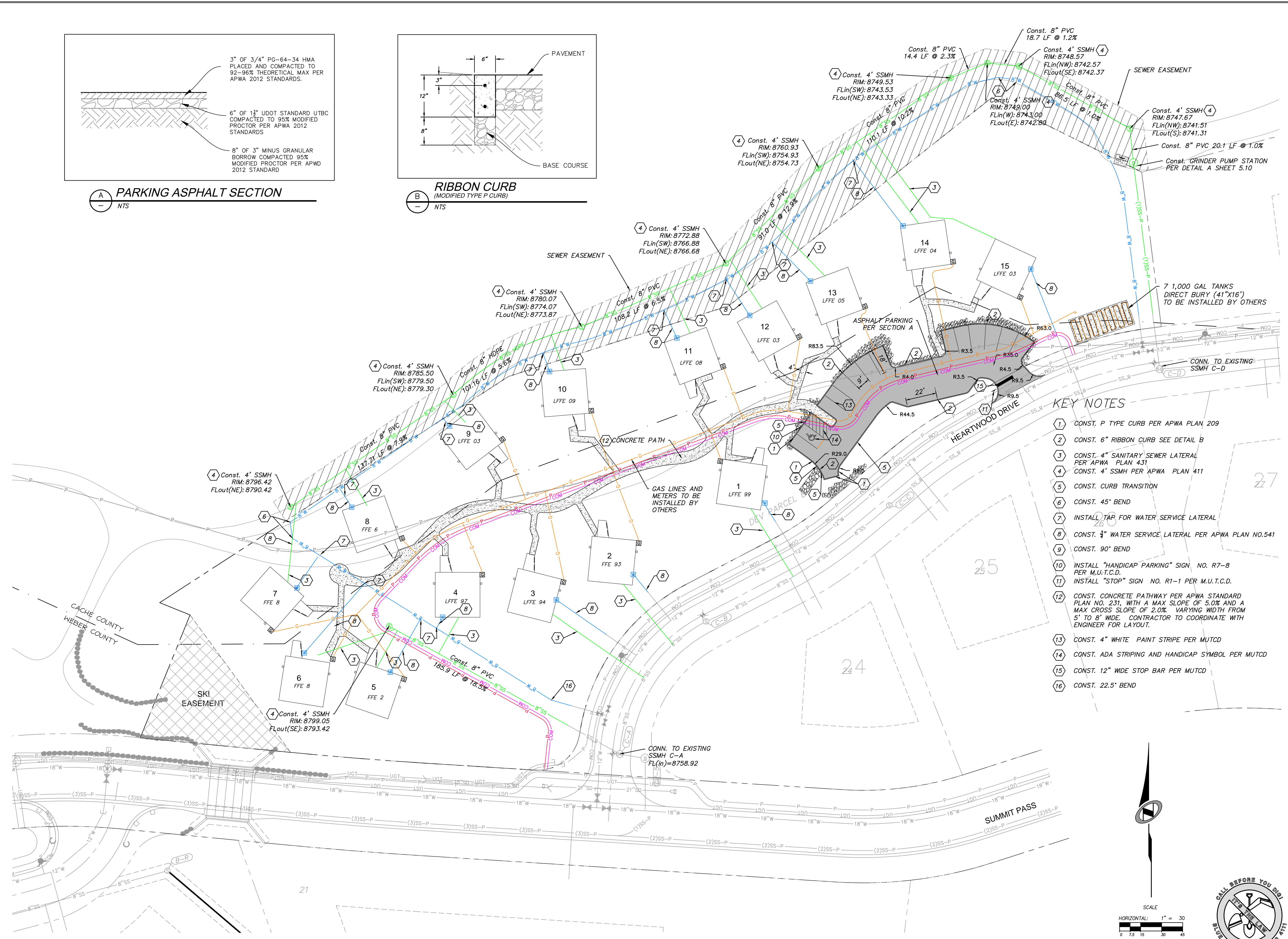
BOWDEN
XREFS:



(A) PARKING ASPHALT SECTION
 NTS

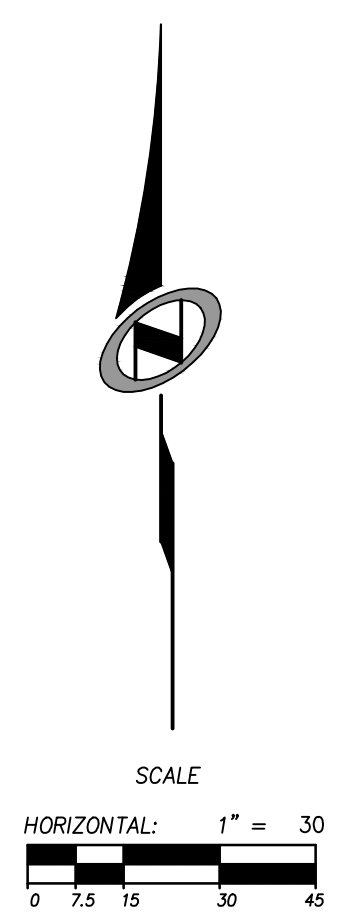


(B) RIBBON CURB
 (MODIFIED TYPE P CURB)
 NTS



KEY NOTES

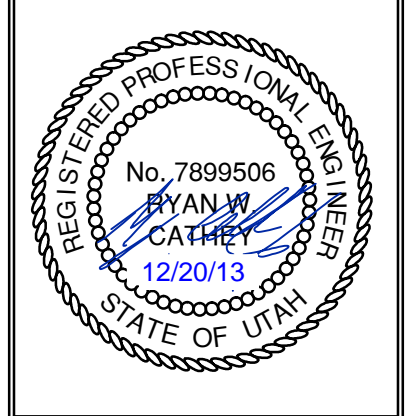
- 1 CONST. P TYPE CURB PER APWA PLAN 209
- 2 CONST. 6" RIBBON CURB SEE DETAIL B
- 3 CONST. 4" SANITARY SEWER LATERAL PER APWA PLAN 431
- 4 CONST. 4" SSMH PER APWA PLAN 411
- 5 CONST. CURB TRANSITION
- 6 CONST. 45° BEND
- 7 INSTALL TAP FOR WATER SERVICE LATERAL
- 8 CONST. 3/4" WATER SERVICE LATERAL PER APWA PLAN NO.541
- 9 CONST. 90° BEND
- 10 INSTALL "HANDICAP PARKING" SIGN NO. R7-8 PER M.U.T.C.D.
- 11 INSTALL "STOP" SIGN NO. R1-1 PER M.U.T.C.D.
- 12 CONST. CONCRETE PATHWAY PER APWA STANDARD PLAN NO. 231, WITH A MAX SLOPE OF 5.0% AND A MAX CROSS SLOPE OF 2.0%. VARYING WIDTH FROM 5' TO 8' WIDE. CONTRACTOR TO COORDINATE WITH ENGINEER FOR LAYOUT.
- 13 CONST. 4" WHITE PAINT STRIPE PER MUTCD
- 14 CONST. ADA STRIPING AND HANDICAP SYMBOL PER MUTCD
- 15 CONST. 12" WIDE STOP BAR PER MUTCD
- 16 CONST. 22.5° BEND



NO.	DATE	BY	REVISIONS

SUMMIT EDEN RIDGE NESTS PRUD
OVERALL SITE & UTILITY PLAN

NV5
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 5217 SOUTH STATE STREET, SUITE 200
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 MURRAY, UT 84107
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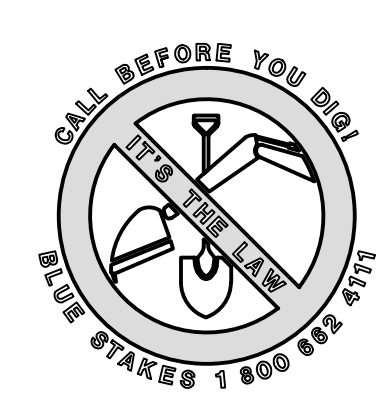
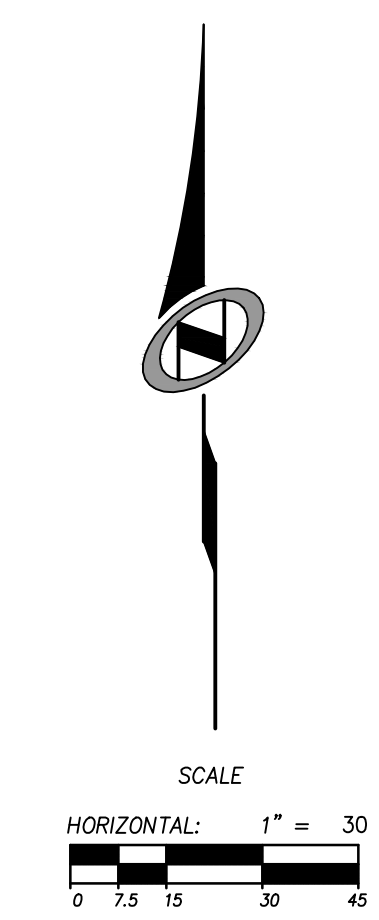
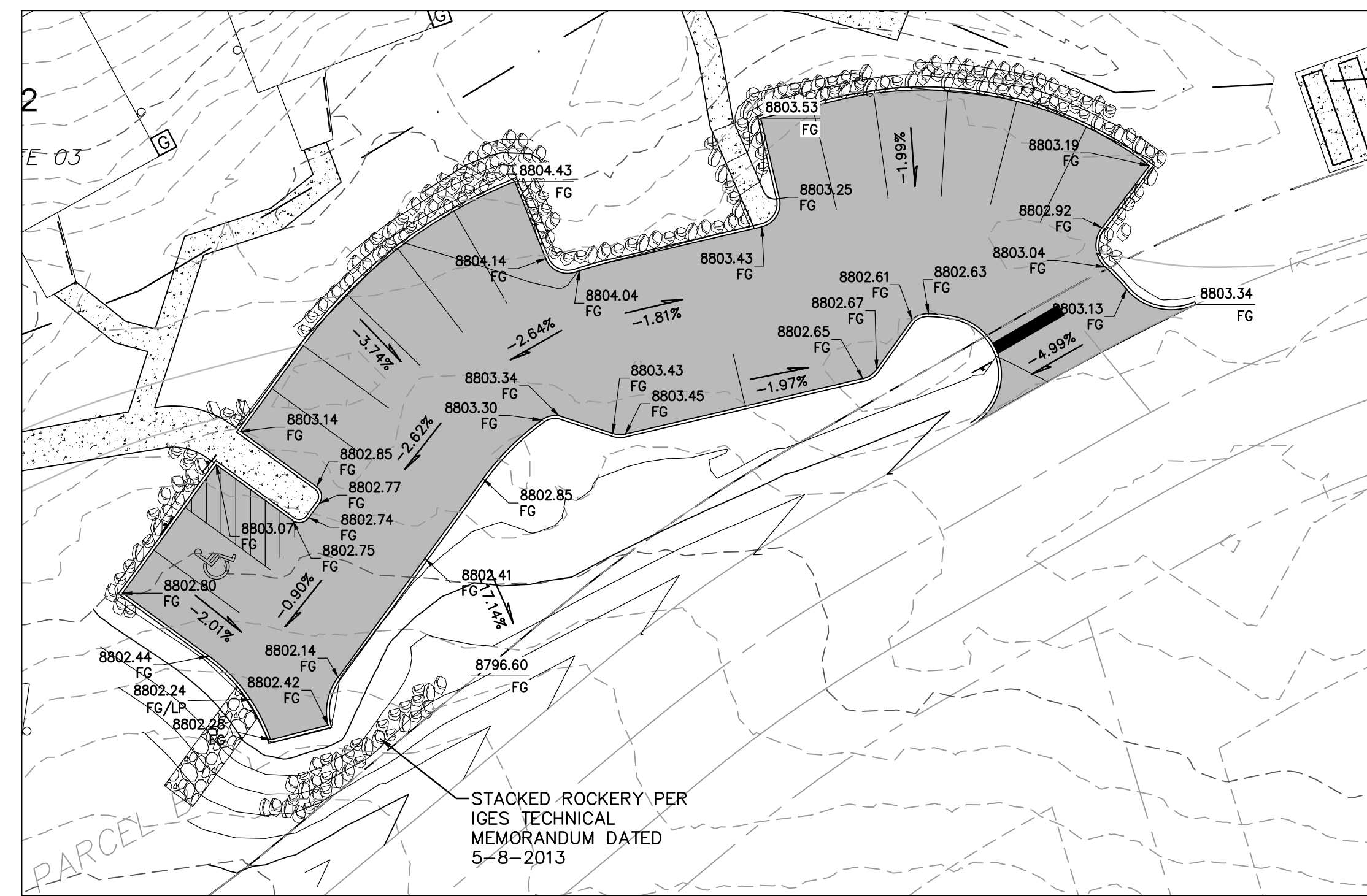


SHEET NUMBER	1.02
SCALE	VERTICAL: 1" = 4' HORIZONTAL: 1" = 40'
JOB NUMBER	SLB079306

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

DATE: 12/20/13 TIME: 11:58:02 AM DRAWING NAME: P10309.DWG
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BOWDEN
 XREFS:



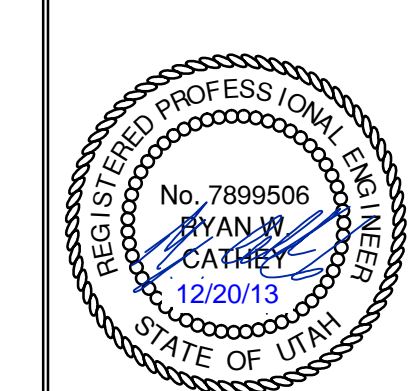
NO.	BY	DATE	REVISIONS

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

SUMMIT EDEN RIDGE NESTS PRUD

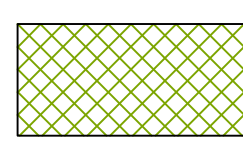
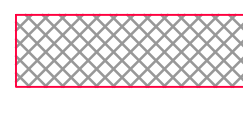
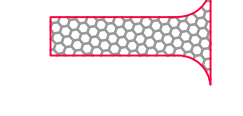
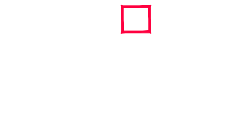


OVERALL GRADING AND DRAINAGE PLAN

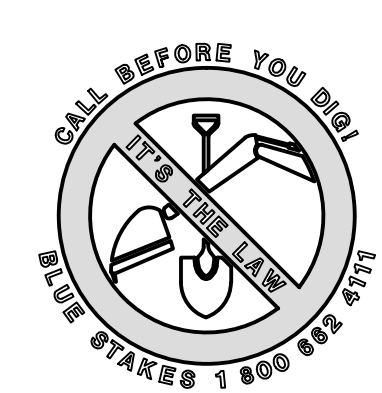
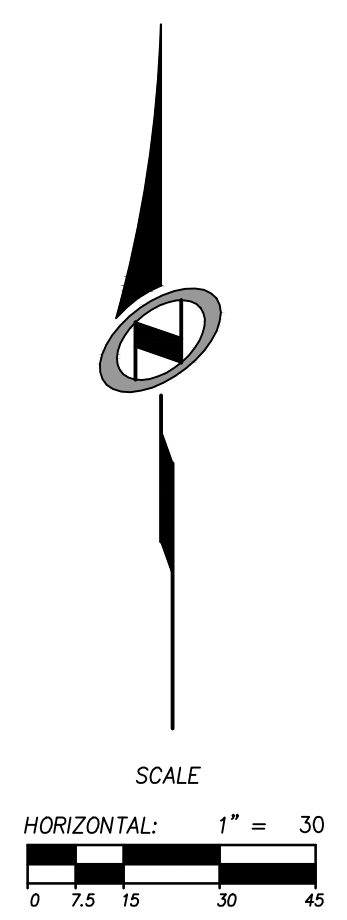
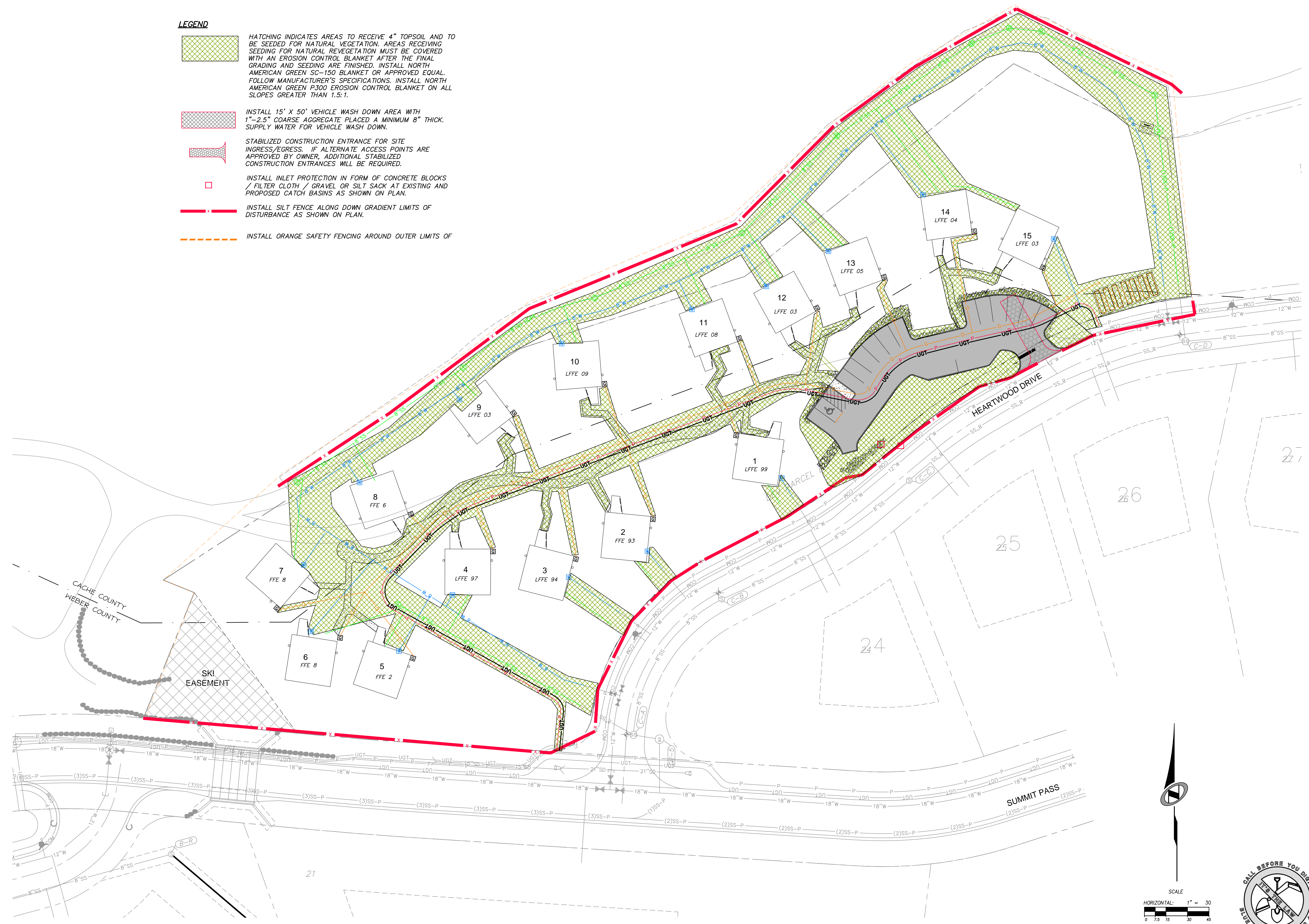
NV5
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 MURRAY, UT 84107
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SHEET NUMBER
1.03
 SCALE
 VERTICAL: 1" = 4'
 HORIZONTAL: 1" = 30'
 JOB NUMBER
SLB079306

PREPARED FOR: SUMMIT MOUNTAIN HOLDINGS GROUP, LLC DATE SUBMITTED: 12/20/2013

- 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 P-300 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



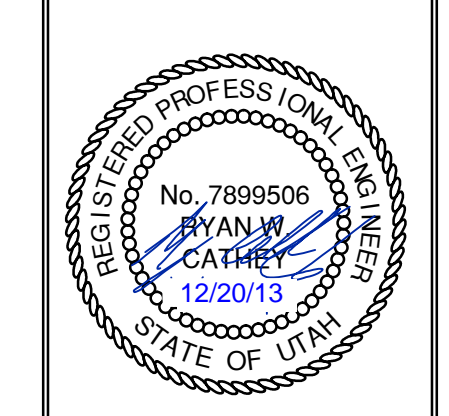
NO.	BY	DATE	REVISIONS

SUMMIT EDEN RIDGE NESTS PRUD
EROSION CONTROL

PREPARED FOR: SUMMIT MOUNTAIN HOLDINGS GROUP, LLC

DATE SUBMITTED: 12/20/2013

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 MURRAY, UT 84107
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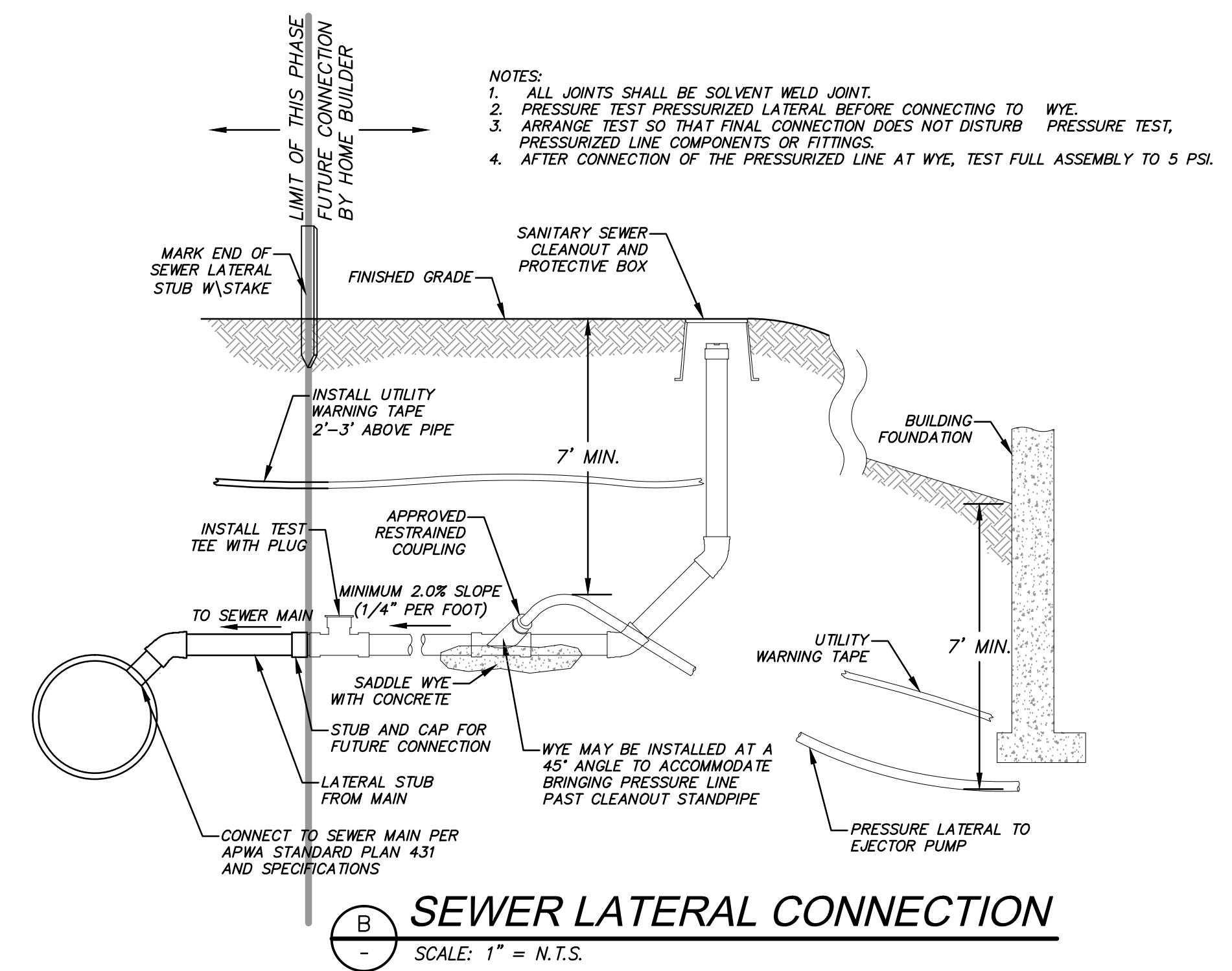
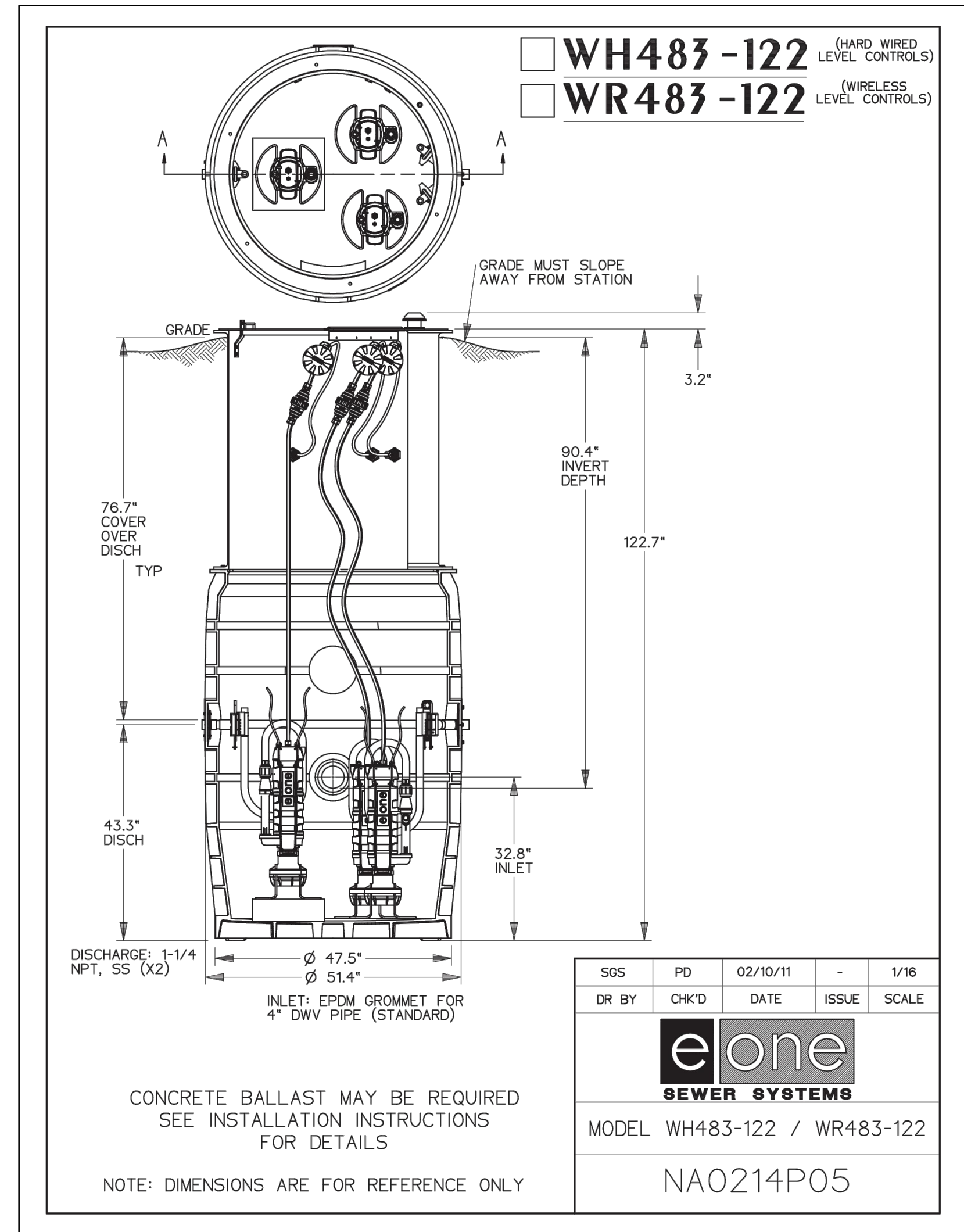


SHEET NUMBER
4.00

SCALE
 HORIZONTAL: 1" = 30'
 VERTICAL: 1" = 30'

JOB NUMBER
SLB079306

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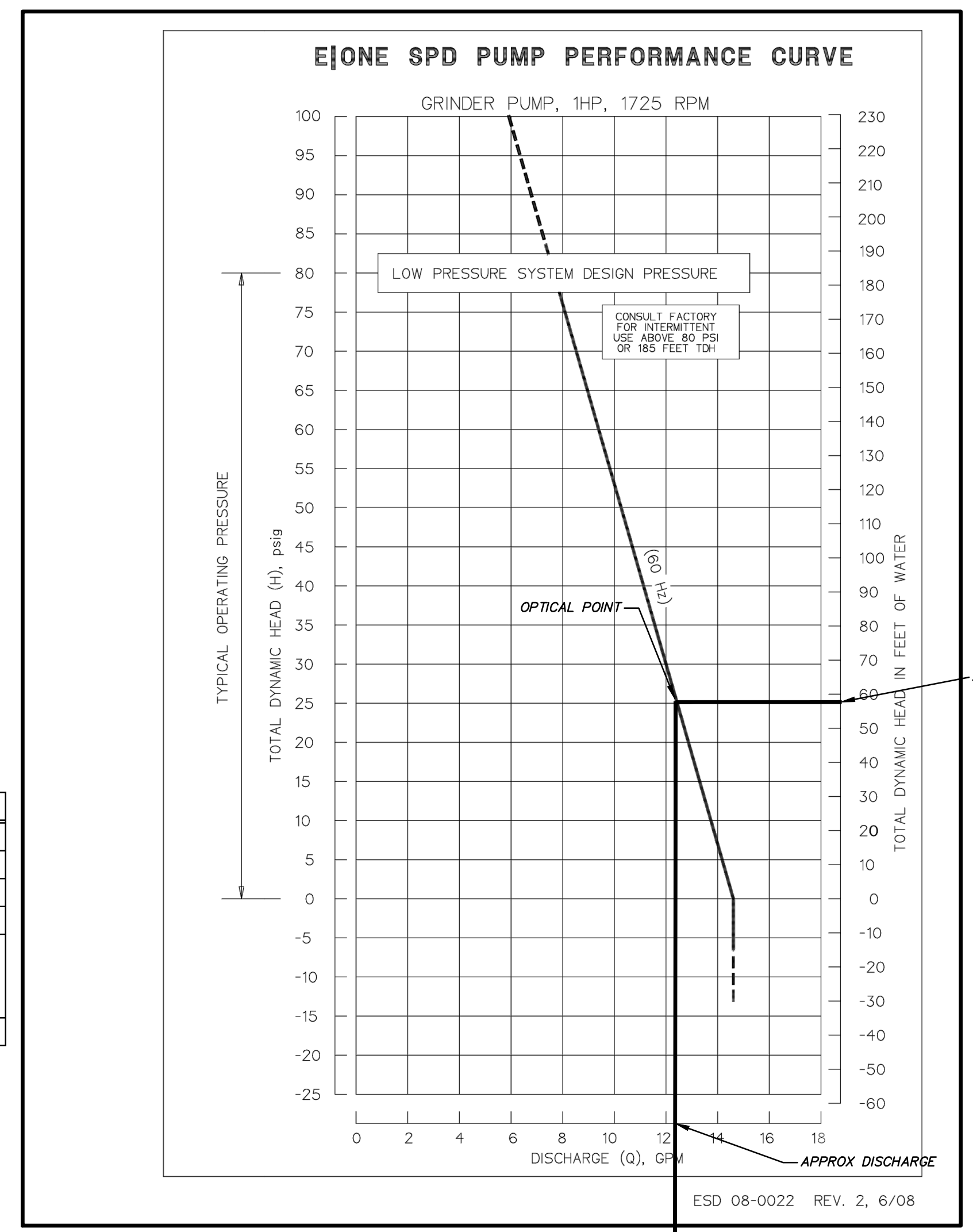
LEGEND

PUMP NAME	INVERT IN	INVERT IN SIZE	SUMP ELEV	BASIN DIA.	PUMP HEAD	PUMP HP	DISCHARGE DIA	DISCHARGE VELOCITY	MIN STORAGE VOLUME (gal)	STATION DETAIL	PUMP	FLOW (GPM)	AUTO DIALER	MAIN POWER TRANSFER SWITCH	POWER
GR-6	8741.11	8"	8738.11	51.4"	56	1	1.5"	2.27	1050	WH483-122	SUBMERSIBLE GRINDER PUMP E-ONE SPD	12	CELLULAR	MANUAL	1 PHASE/240 VOLT

SEWER GRINDER PUMP DETAILS

SCALE: 1" = N.T.S.

	GR-6
Head Difference	8741.11-8796.73 = 55.62
Pipe Length	143.7 ft.
Friction Loss	1 ft.
Flow Calc.	(9 units)(3.2 People/household)(100 gallons/day/capita)=2 g/m average
Peaking Factor (Ten States Method)	$Q_{peak}/Q_{ave}=18+VP/4+VP$ $Q_{peak}= 9$ $P=$ Polulation in Thousands =0
Pump Curve	See Pump Curve = 12 g/m



PREPARED FOR: SUMMIT MOUNTAIN HOLDINGS GROUP, LLC
 DATE SUBMITTED: 12/20/2013
 SUMMIT EDEN RIDGE NESTS PRUD
 SANITARY SEWER DETAILS
 SHEET NUMBER
5.10
 SCALE
 VERTICAL: 1" = N/A
 HORIZONTAL: 1" = N/A
 JOB NUMBER
SLB079306

REG. PROFESSIONAL ENGINEER
 No. 7899506
 RYAN W. CATHEY
 12/20/13
 STATE OF UTAH

WEBCOUNTY
 BEYOND ENGINEERING
 6217 SOUTH STATE STREET, SUITE 200
 MURRAY, UT 84107
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