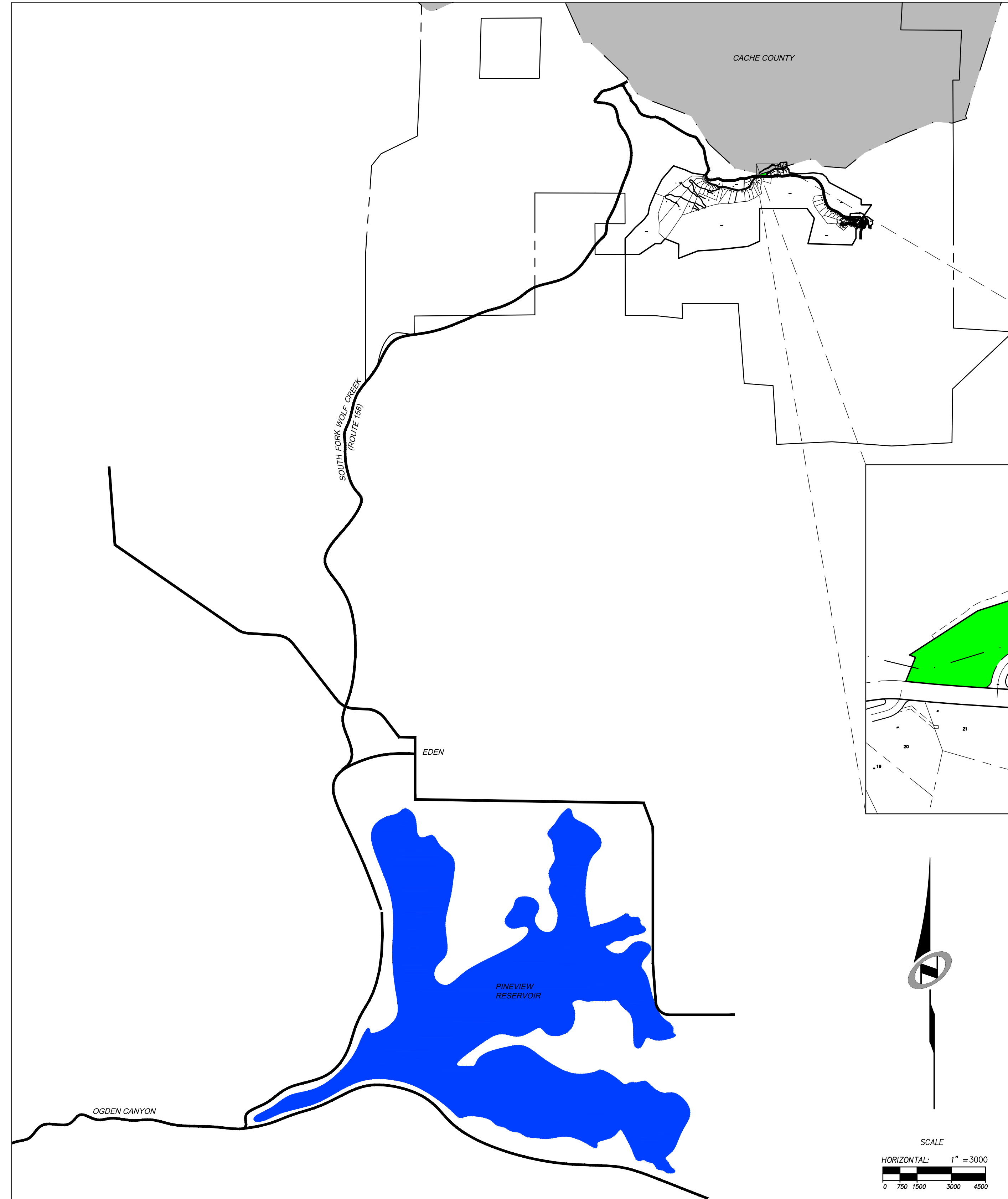


SUMMIT EDEN RIDGE NEST PRUD

CONSTRUCTION DRAWINGS

Located in Sec 01 T7N R1E
Weber County, Utah

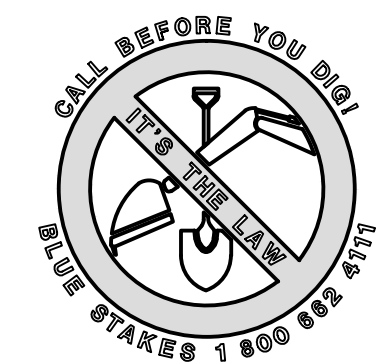


SHEET INDEX:

| 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 |

APPROVED
WEBER FIRE DISTRICT
12/03/2013 2:01:31 PM

Note: The previous submittal was approved. In looking through this document, it was noted that the LPG tanks for the Village Nests warrant a comment. Please see sheet 1.02.



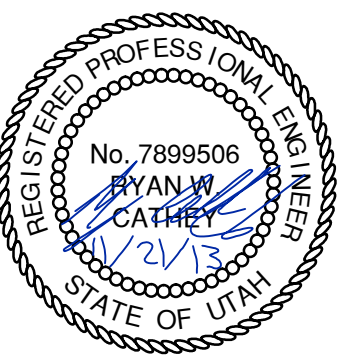
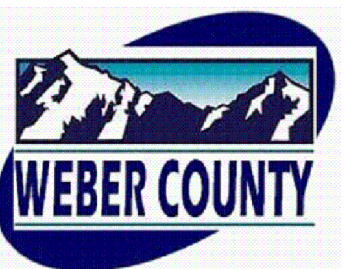
SUMMIT EDEN RIDGE NESTS PRUD

CIVIL TITLE SHEET

PREPARED FOR: SUMMIT, LLC DATE SUBMITTED: 11/21/2013



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



SHEET NUMBER
1.00

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

JOB NUMBER
SLB079306

DATE: 11/27/13 TIME: 7:24:26 AM DRAWING NAME: P1007.DWG
SERVER: NONE PAGE SETUP: P10-C30-24-06 LAYOUT: LAYOUT1
PATH: N:\SUB0793\CADD\PHASE 1\VP-10735_03000_###.DWG PROJ. NO: ###

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. Any such changes or uses must be approved by the preparer of these plans.

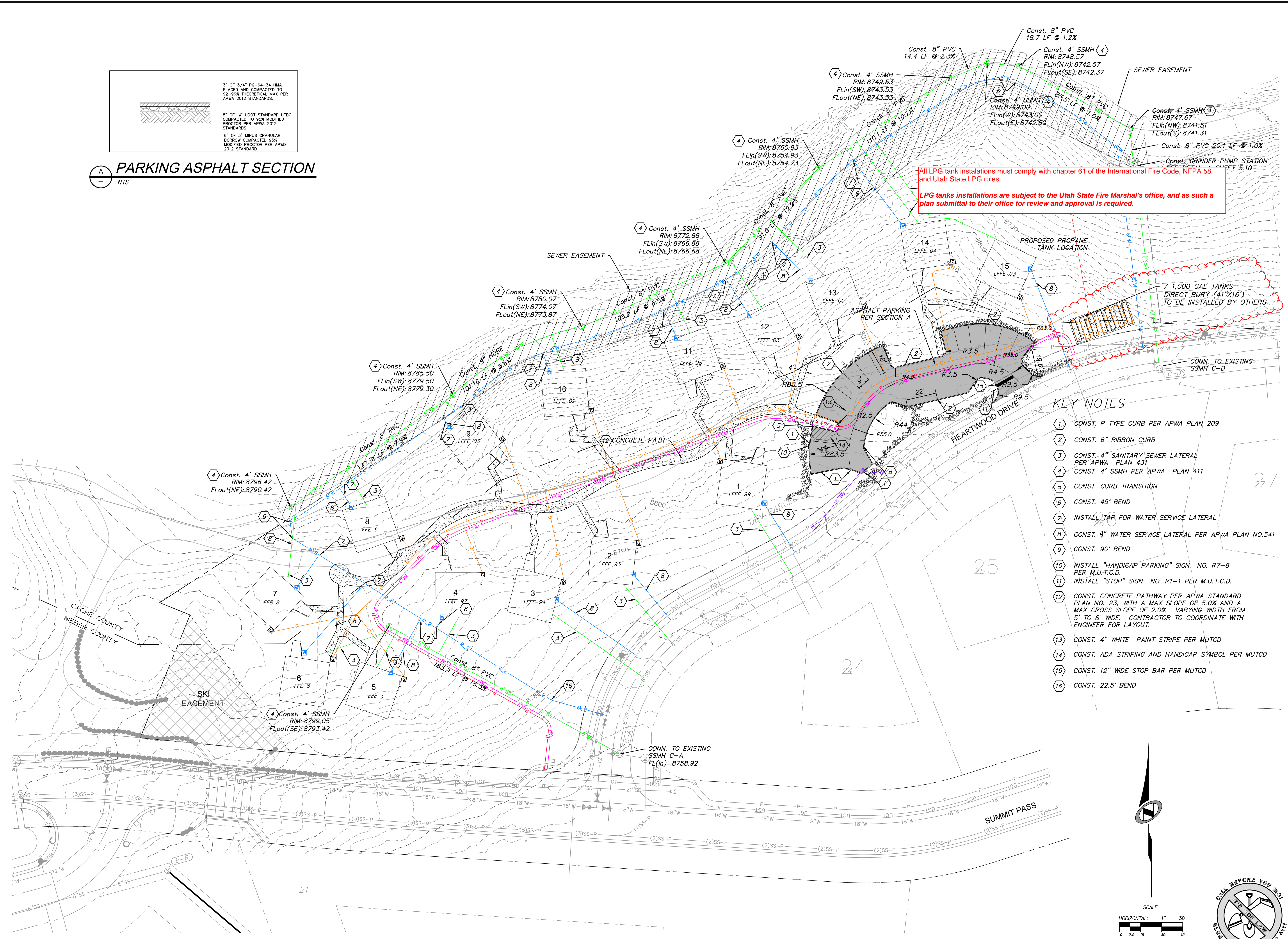
DATE: 11/27/13 TIME: 7:25:22 AM DRAWING NAME: P10201.DWG
 SERVER: NONE PAGE SETUP: P10201-13-10-13 LAYOUT: 10201
 PATH: N:\SUB\793\CADD\PHASE 1\VP\1-1013_10201.DWG PROJ. MGR: ###

3" OF 3/4" PG-64-34 HMA
 PLACED AND COMPACTED TO
 92-95% THEORETICAL MAX PER
 APWA 2012 STANDARDS.

8" OF 1 1/2" STANDARD UTBC
 COMPACTED TO 95% MODIFIED
 PROCTOR PER APWA 2012
 STANDARDS

6" OF 3" MINUS GRANULAR
 BORROW COMPACTED 95%
 MODIFIED PROCTOR PER APWA
 2012 STANDARD

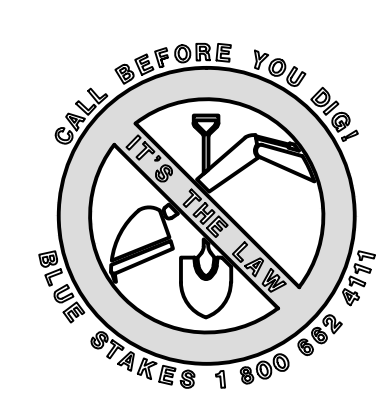
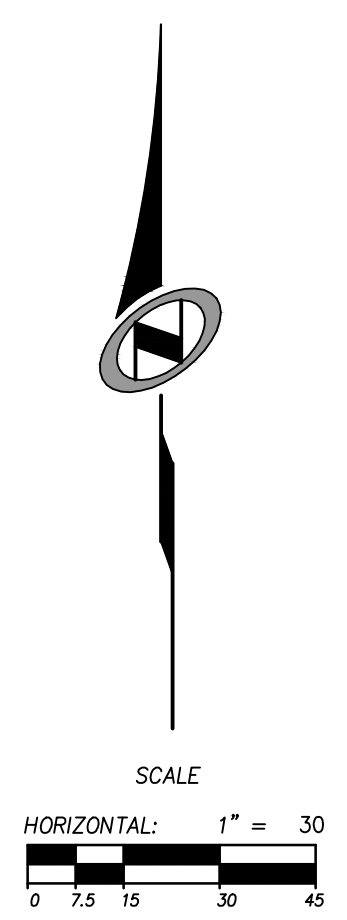
A PARKING ASPHALT SECTION
 NTS



All LPG tank installations must comply with chapter 61 of the International Fire Code, NFPA 58 and Utah State LPG rules.
 LPG tanks installations are subject to the Utah State Fire Marshal's office, and as such a plan submittal to their office for review and approval is required.

KEY NOTES

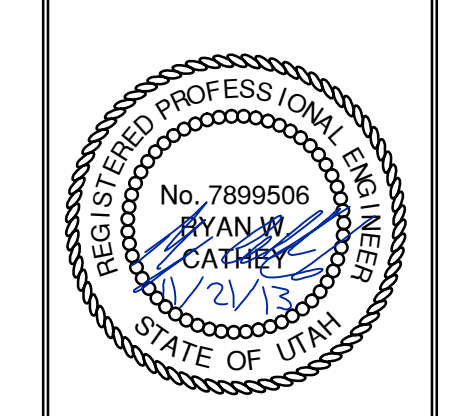
- 1 CONST. P TYPE CURB PER APWA PLAN 209
- 2 CONST. 6" RIBBON CURB
- 3 CONST. 4" SANITARY SEWER LATERAL PER APWA PLAN 431
- 4 CONST. 4" SSMH PER APWA PLAN 411
- 5 CONST. CURB TRANSITION
- 6 CONST. 45° BEND
- 7 INSTALL TAP FOR WATER SERVICE LATERAL
- 8 CONST. 3/4" WATER SERVICE LATERAL PER APWA PLAN NO.541
- 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. 23, 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
 BEYOND ENGINEERING
 5217 SOUTH STATE STREET, SUITE 200
 MURRAY, UT 84107
 WWW.NV5.COM



SHEET NUMBER
1.02

SCALE
 VERTICAL: 1" = 40'
 HORIZONTAL: 1" = 30'

JOB NUMBER
SLB079306

DATE SUBMITTED: 11/21/2013

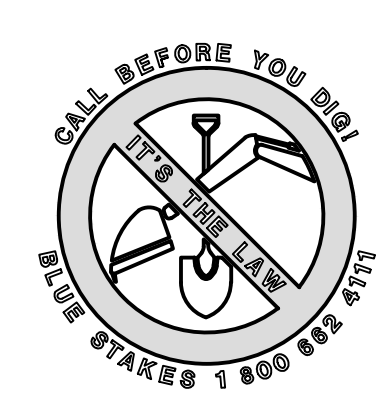
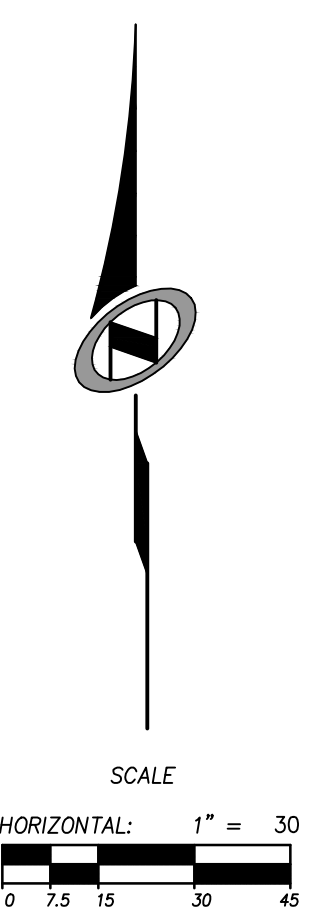
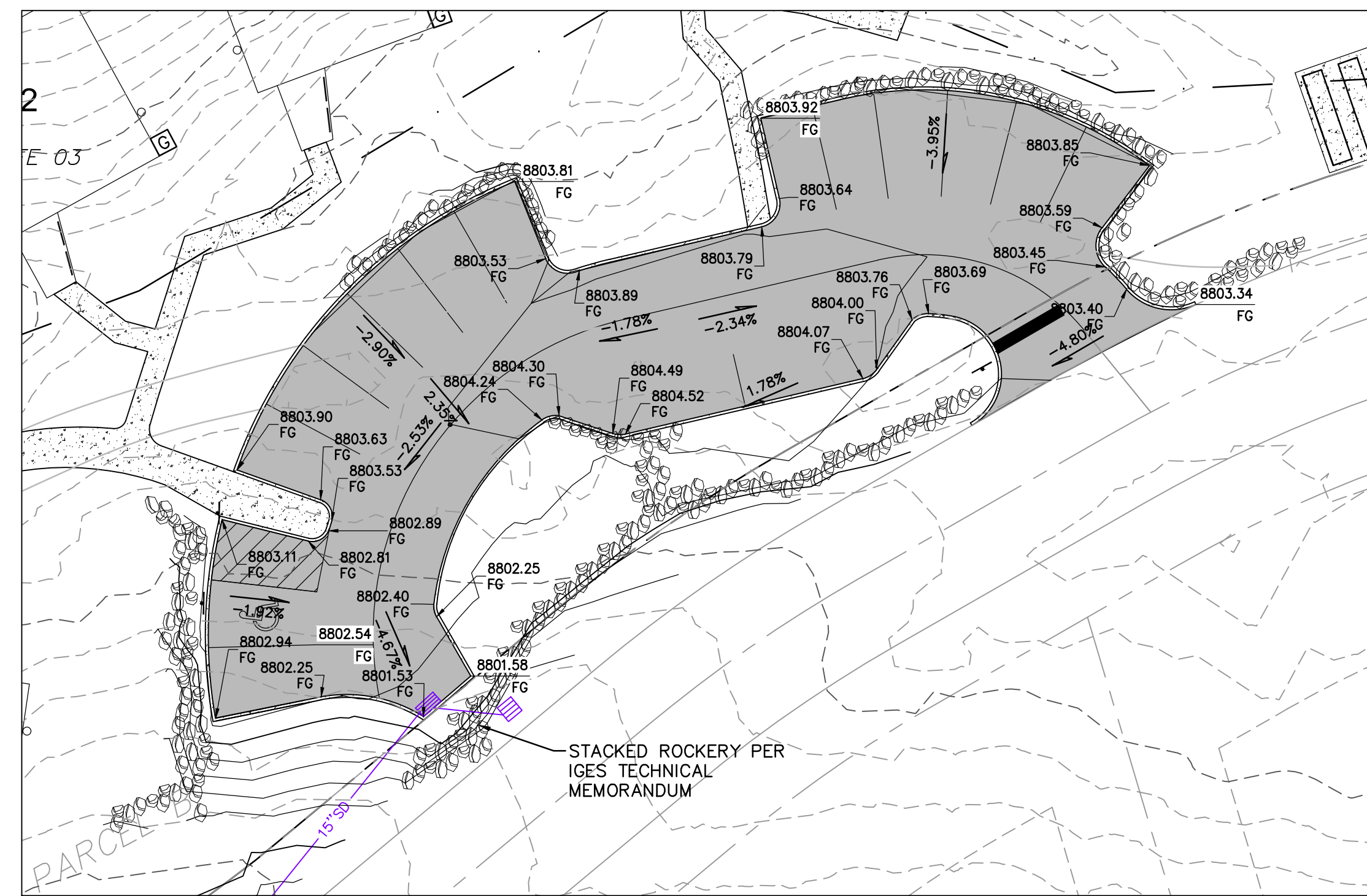
PREPARED FOR: SUMMIT, LLC

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.

BOWDEN
 XREES:

DATE: 11/27/13 TIME: 7:26:08 AM DRAWING NAME: P:\0306\DWG
 SERVER: NONE PLOT SETUP: P:\PLOT\24x36 LAYOUT: 1
 PATH: N:\SLB0793\CADD\PHASE 1\VP1-LOT15_KESONCE.dwg PROJ. NO.: 0306

BOWDEN
 XREFS:



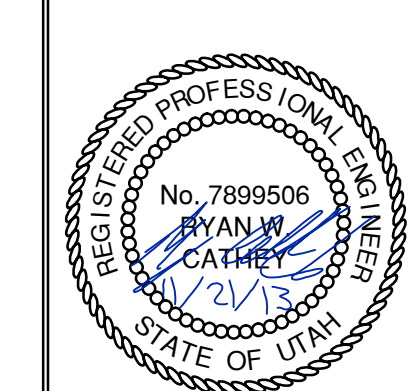
| NO. | BY | DATE | REVISIONS |
|-----|----|------|-----------|
| | | | |
| | | | |
| | | | |

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

SUMMIT EDEN RIDGE NESTS PRUD

OVERALL GRADING AND DRAINAGE PLAN

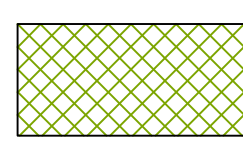

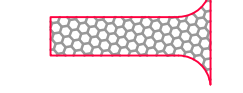



NV5
 BEYOND ENGINEERING
 5217 SOUTH STATE STREET, SUITE 200
 MURRAY, UT 84117
 801.743.0300 TEL. 801.743.0300 FAX
 WWW.NV5.COM

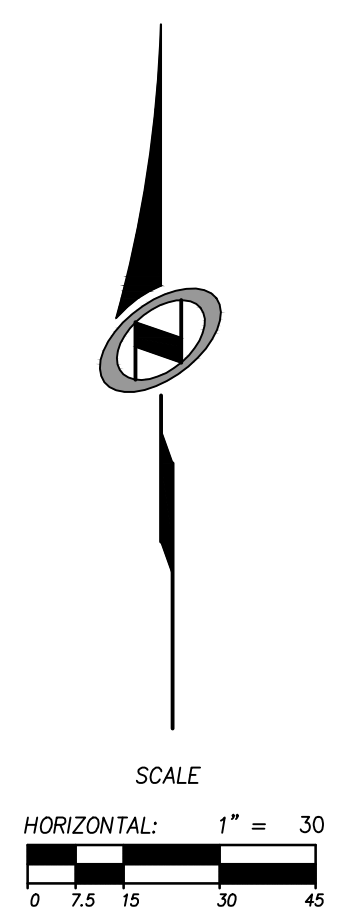


SHEET NUMBER
1.03
 SCALE
 VERTICAL: 1" = 4'
 HORIZONTAL: 1" = 30'
 JOB NUMBER
SLB079306

DATE SUBMITTED: 11/21/2013

PREPARED FOR: SUMMIT, LLC

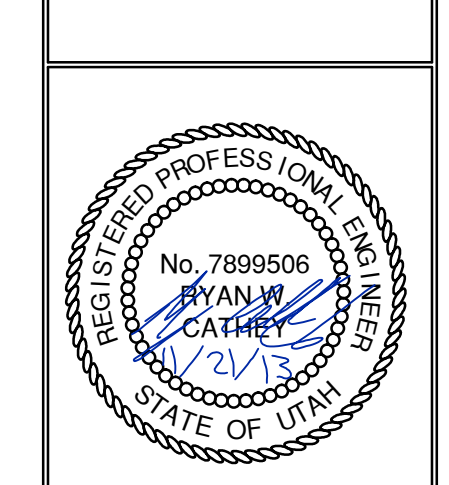
- LEGEND**
-  HATCHING INDICATES AREAS TO RECEIVE 4" TOPSOIL AND TO BE SEEDED FOR NATURAL VEGETATION. AREAS RECEIVING SEEDING FOR NATURAL REVEGETATION MUST BE COVERED WITH AN EROSION CONTROL BLANKET AFTER THE FINAL GRADING AND SEEDING ARE FINISHED. INSTALL NORTH AMERICAN GREEN SC-150 BLANKET OR APPROVED 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 |
|-----|----|------|-----------|
| | | | |
| | | | |
| | | | |

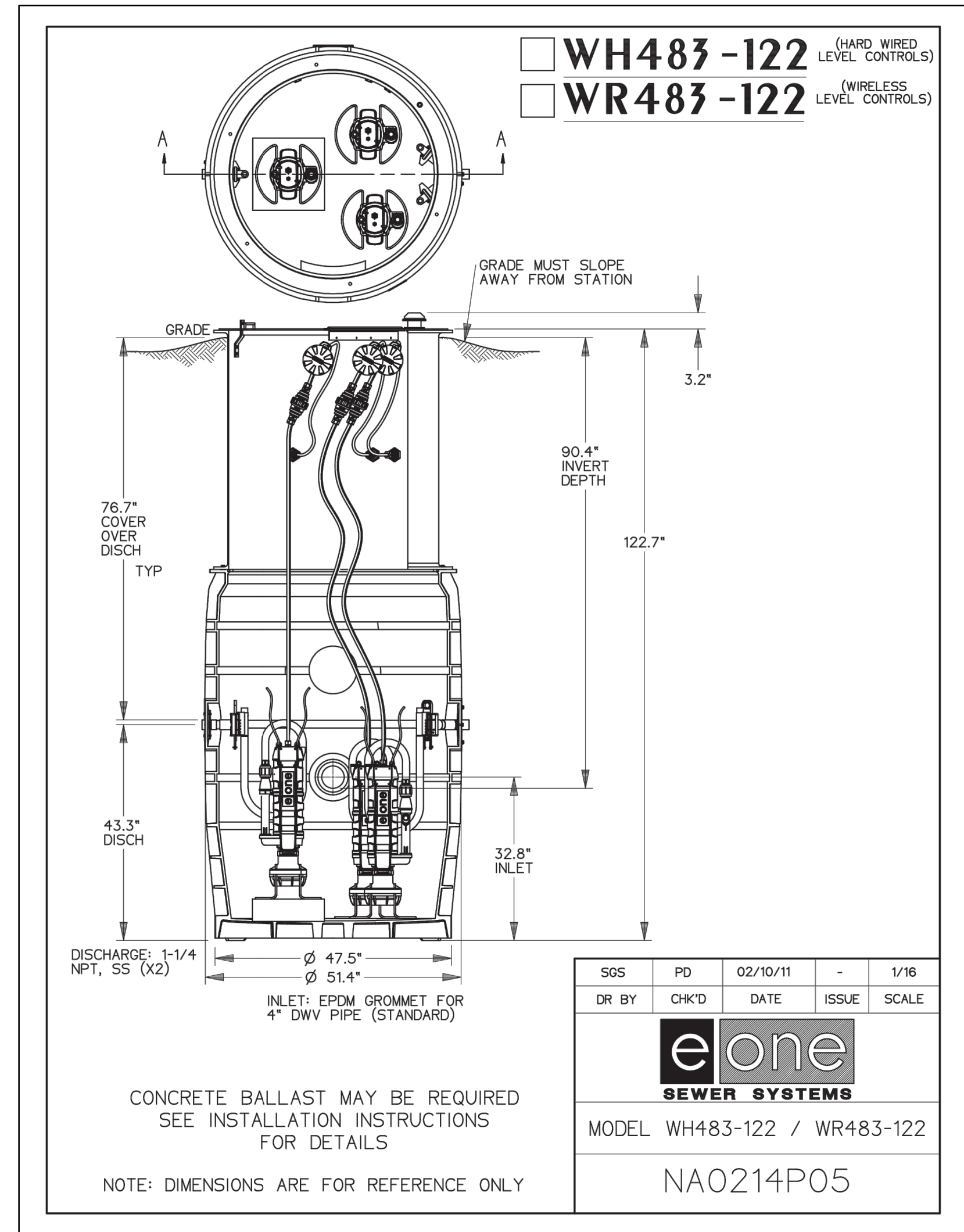
SUMMIT EDEN RIDGE NESTS PRUD
EROSION CONTROL
 PREPARED FOR: SUMMIT, LLC
 DATE SUBMITTED: 11/21/2013

NV5
 BEYOND ENGINEERING
 5217 SOUTH STATE STREET, SUITE 200
 801743.000 TEL. 801743.000 FAX
 MURRAY, UT 84407
 WWW.NV5.COM



SHEET NUMBER
4.00
 SCALE
 VERTICAL: 1" = 30'
 HORIZONTAL: 1" = 30'
 JOB NUMBER
SLB079306

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

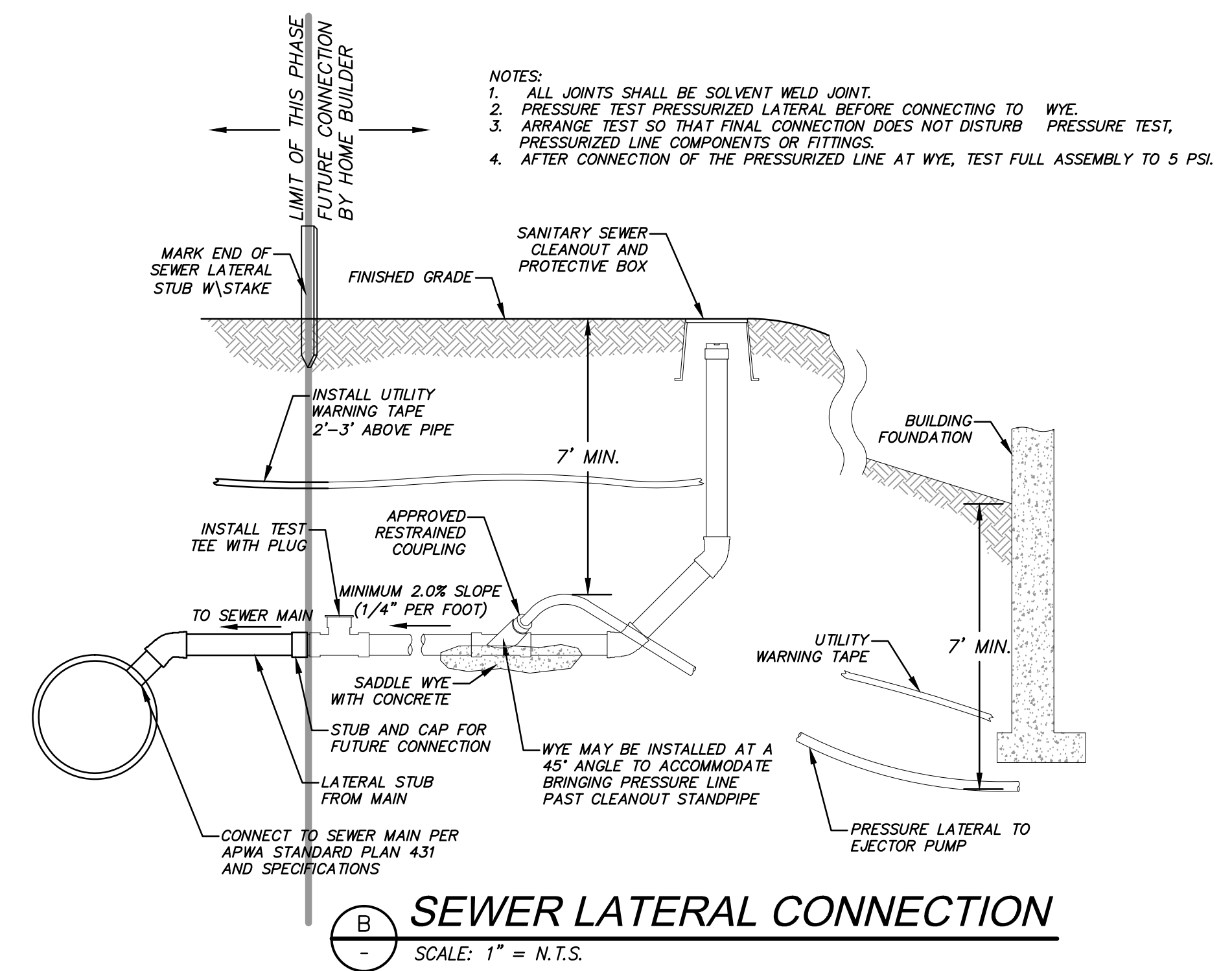


WH483-122 (HARD WIRED LEVEL CONTROLS)
 WR483-122 (WIRELESS LEVEL CONTROLS)

| | | | | |
|------------------------------|-------|----------|-------|-------|
| SGS | PD | 02/10/11 | - | 1/16 |
| DR BY | CHK'D | DATE | ISSUE | SCALE |
| eone SEWER SYSTEMS | | | | |
| MODEL WH483-122 / WR483-122 | | | | |
| NA0214P05 | | | | |

CONCRETE BALLAST MAY BE REQUIRED
 SEE INSTALLATION INSTRUCTIONS
 FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY



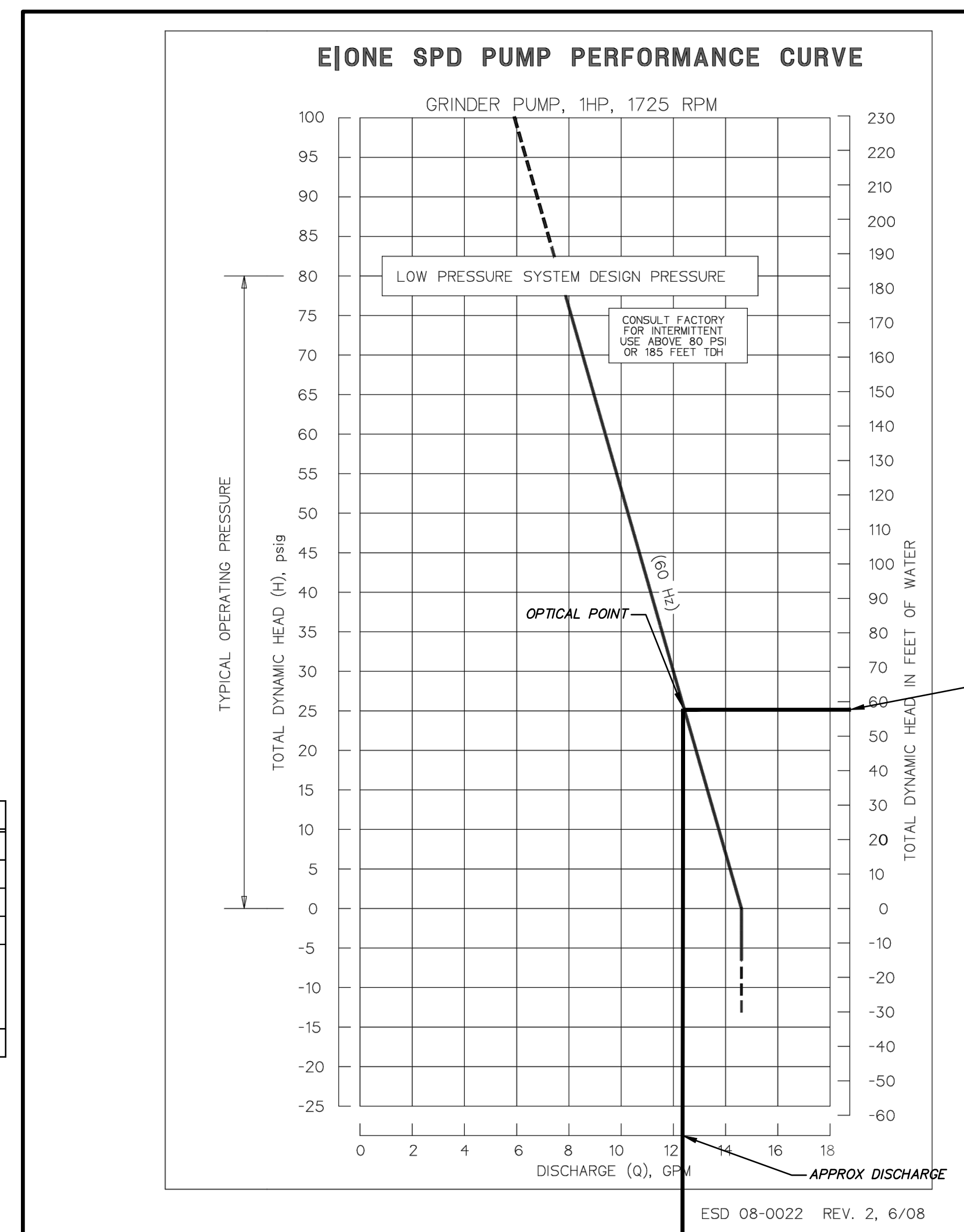
- NOTES:
1. ALL JOINTS SHALL BE SOLVENT WELD JOINT.
 2. PRESSURE TEST PRESSURIZED LATERAL BEFORE CONNECTING TO WYE.
 3. ARRANGE TEST SO THAT FINAL CONNECTION DOES NOT DISTURB PRESSURE TEST, PRESSURIZED LINE COMPONENTS OR FITTINGS.
 4. AFTER CONNECTION OF THE PRESSURIZED LINE AT WYE, TEST FULL ASSEMBLY TO 5 PSI.

B SEWER LATERAL CONNECTION
 SCALE: 1" = N.T.S.

| 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 |

A SEWER GRINDER PUMP DETAILS
 SCALE: 1" = N.T.S.

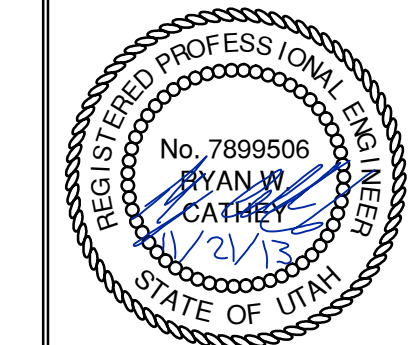
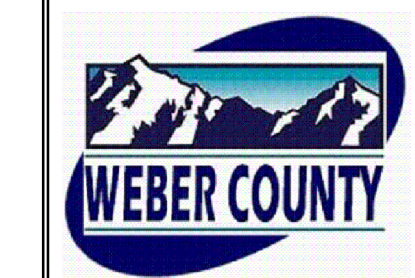
| | |
|------------------------------------|--|
| | GR-6 |
| Head Difference | 8741.11-8796.73 = 55.62 |
| Pipe Length | 143.7 ft. |
| Friction Loss | 1 ft. |
| Flow Calc. | (9 units)(3.2 People/household)(100 gallons/day/capita)=2 g/m average |
| Peaking Factor (Ten States Method) | $Q_{peak}/Q_{ave}=18+VP/4+VP$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



| NO. | DATE | BY | REVISIONS |
|-----|------|----|-----------|
| | | | |

SUMMIT EDEN RIDGE NESTS PRUD
SANITARY SEWER DETAILS

NV5
 BEYOND ENGINEERING
 627 SOUTH STATE STREET, SUITE 200
 801743.0300 TEL. 801743.0300 FAX
 MURRAY, UT 84107
 WWW.NV5.COM



| | |
|--------------|--|
| SHEET NUMBER | 5.10 |
| SCALE | VERTICAL: 1" = N/A HORIZONTAL: 1" = N/A |
| JOB NUMBER | SLB079306 |

DATE SUBMITTED: 11/21/2013
 PREPARED FOR: SUMMIT, LLC