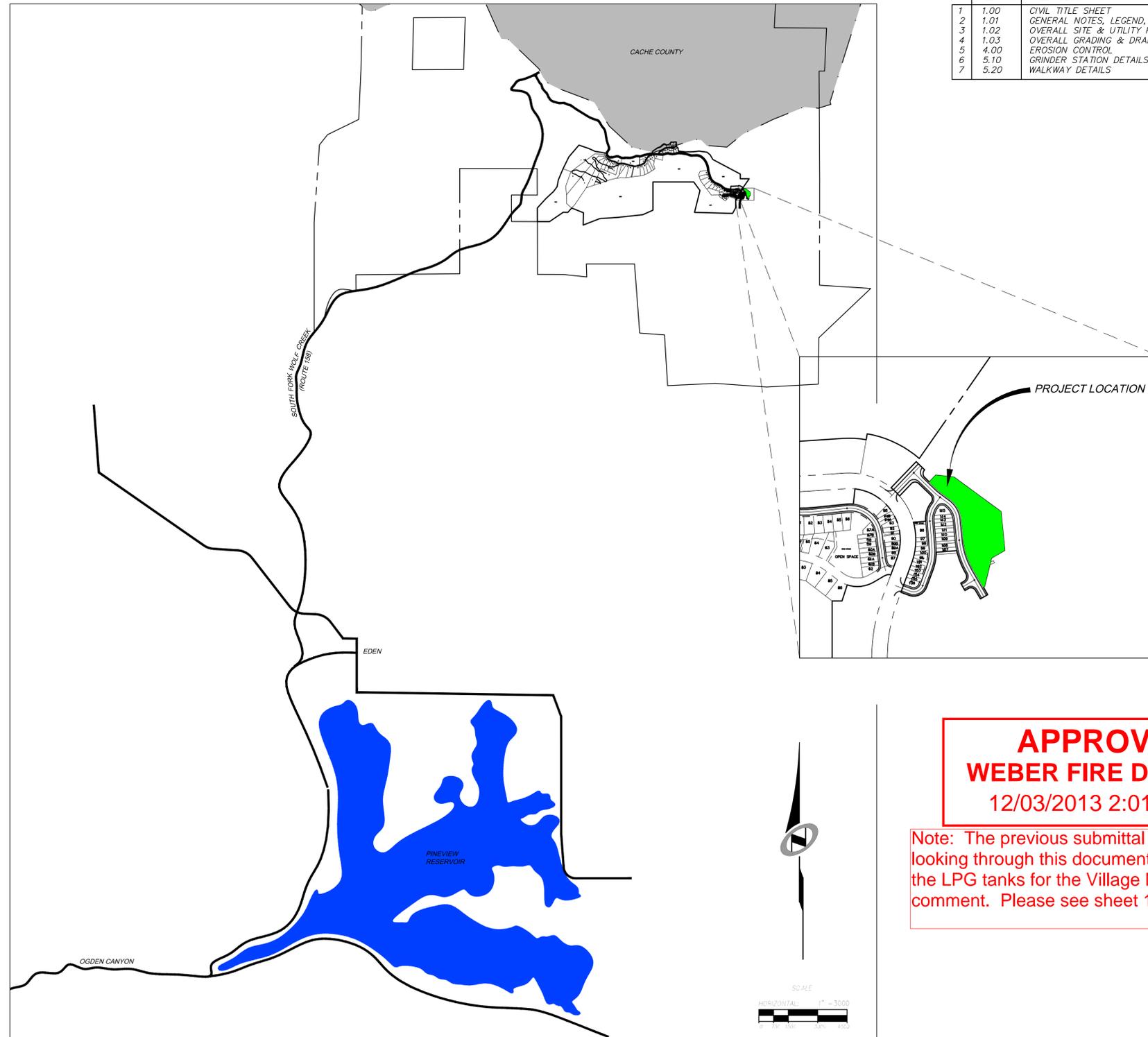


SUMMIT AT POWDER MOUNTAIN

Phase 1D - Development Parcel D - Village Nests Condos

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 GRINDER STATION DETAILS |
| 7 | 5.20 WALKWAY DETAILS |

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

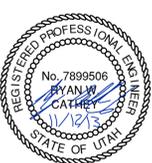
Note: The previous submittal was approved. In looking through this document, it was noted that the LPG tanks for the Village Nests warrant a comment. Please see sheet 1.02.



PHASE 1D-DEVELOPMENT PARCEL D

CIVIL TITLE SHEET

NV5
BEYOND ENGINEERING
627 SOUTH STATE STREET, SUITE 200
MURRAY, UT 84107
801.743.0300 TEL 801.743.0300 FAX
WWW.NV5.COM



SHEET NUMBER
1.00

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

JOB NUMBER
SLB079306

PREPARED FOR: SUMMIT, LLC DATE SUBMITTED: 11/12/2013

| NO. | BY | DATE | REVISIONS |
|-----|----|------|-----------|
| | | | |
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DATE: 11/12/13 TIME: 2:01:31 PM DRAWING NAME: P1001.DWG LAYOUT: LAYOUT1
SERVER: NONE PAGE SETUP: NONE
PATH: N:\SLB0793\CAD\PHASE 1\VP-1-LOT16_DESIGNER_###.DWG PROJ. NO: ###

PREFACE
XREFS:

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.

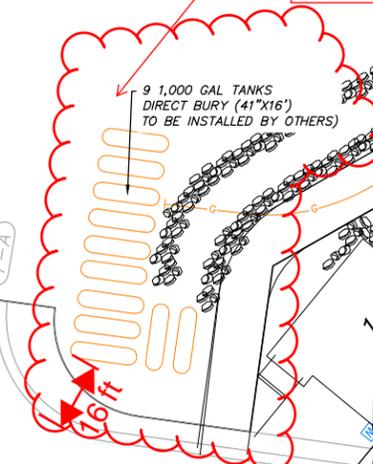
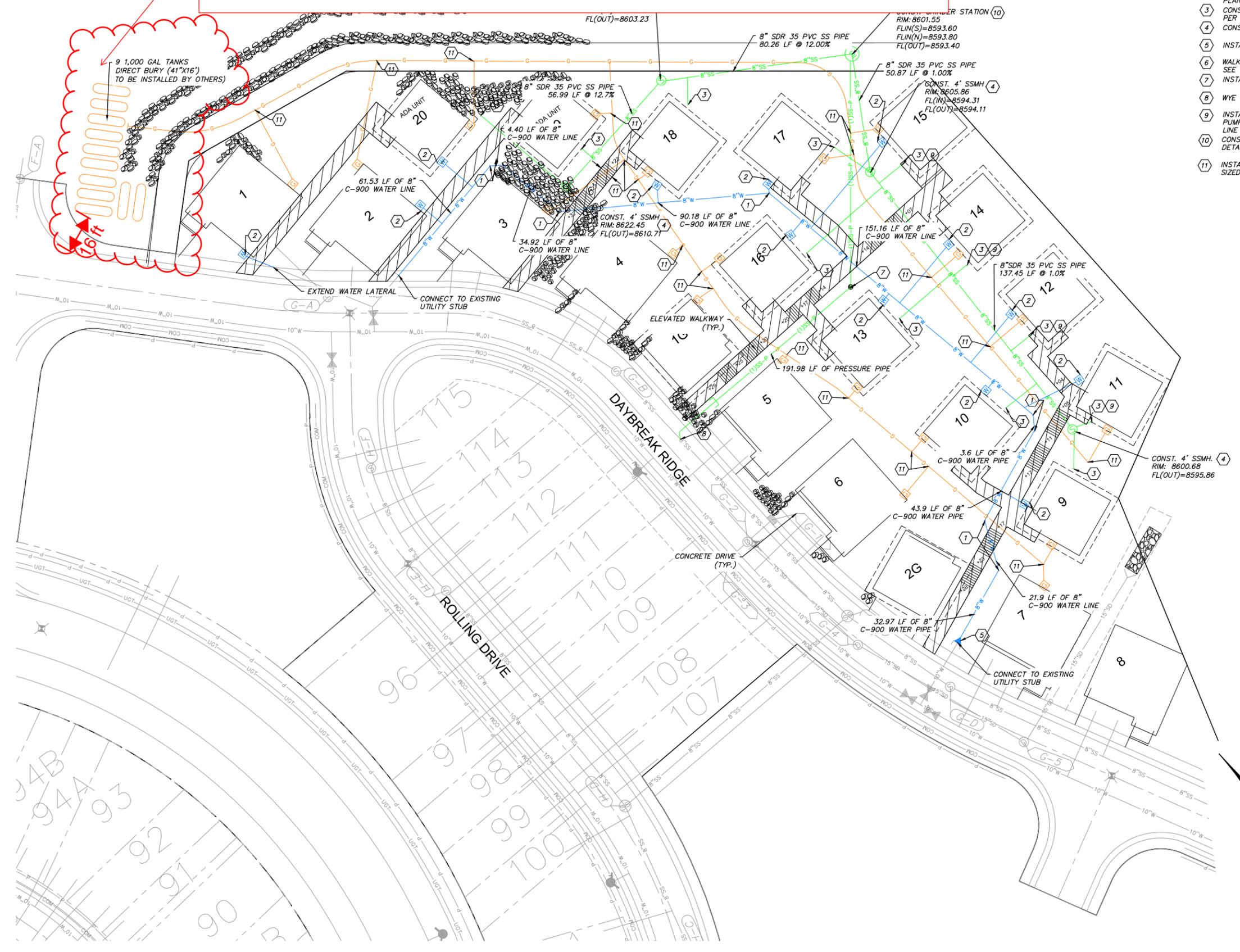
DATE: 11/22/23 TIME: 2:31:50 PM DRAWING NAME: 010201020
 SERIES: NONE PLOT SETUP: LAYOUT
 PLOT: N:\B0793\010201020\PHASE 1\VP\1-LOT116-010201020.dwg PLOT USER: JMM

All LPG tank installations must comply with chapter 61 of the International Fire Code, NFPA 58 and Utah State LPG rules.

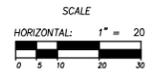
LPG tanks installations are subject to the Utah State Fire Marshal's office, and as such a plan submittal to their office for review and approval is required.

KEY NOTES

- 1 CONST. WATERLINE 45° BEND
- 2 CONST. 3/4" WATER METER PER APWA PLAN 522
- 3 CONST. 4" SANITARY SEWER LATERAL PER APWA PLAN 431
- 4 CONST. 4" SSMH PER APWA PLAN 411
- 5 INSTALL 8" TO 10" REDUCER
- 6 WALKWAY DETAILS AND DESIGN SEE SHEET 5.20
- 7 INSTALL PRESSURE CLEAN OUT
- 8 WYE CONNECT INTO 8" SANITARY SEWER
- 9 INSTALL HOME OWNER TO INSTALL RISER PUMP TO LIFT SANITARY SEWER TO MAIN LINE
- 10 CONST. E-ONE GRINDER STATION PER DETAILS SHEET 5.10
- 11 INSTALL GAS SERVICE LATERALS AND METERS, LATERALS SIZED BY OTHERS



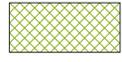
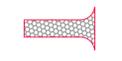
PHASE 1D-DEVELOPMENT PARCEL D
 OVERALL SITE & UTILITY PLAN



SHEET NUMBER
1.02
 SCALE
 HORIZONTAL: 1"
 VERTICAL: 1"
 JOB NUMBER
SLB0793



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

EXPOSED SLOPES:

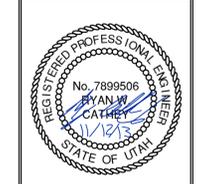
- ANY EXPOSED SLOPE THAT WILL REMAIN UNTOUCHED FOR LONGER THAN 14 DAYS MUST BE STABILIZED BY ONE OR MORE OF THE FOLLOWING METHODS:
- A) SPRAYING DISTURBED AREAS WITH A TACKIFIER VIA HYDROSEED. USE THE FOLLOWING SEED MIXTURE
 - i. MEADOW BROME (RIGOR) 14 lb/AC
 - ii. ORCHARD GRASS 10 lb/AC
 - iii. ALFALFA (ADAK) 4 lb/AC
 - B) TRACKING STRAW PERPENDICULAR TO SLOPES
 - C) INSTALLING A LIGHT-WEIGHT, TEMPORARY EROSION CONTROL BLANKET



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

PHASE 1D-DEVELOPMENT PARCEL D
EROSION CONTROL

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

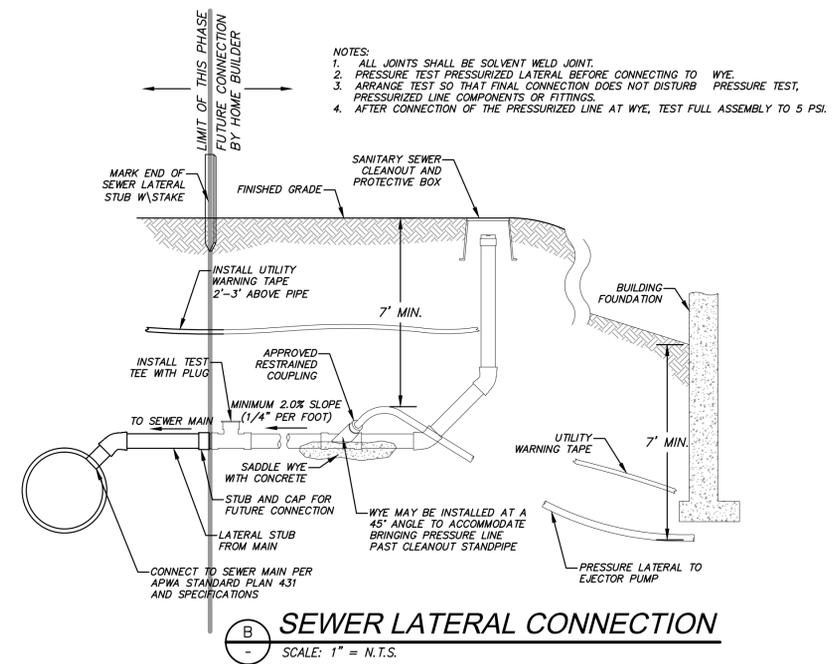
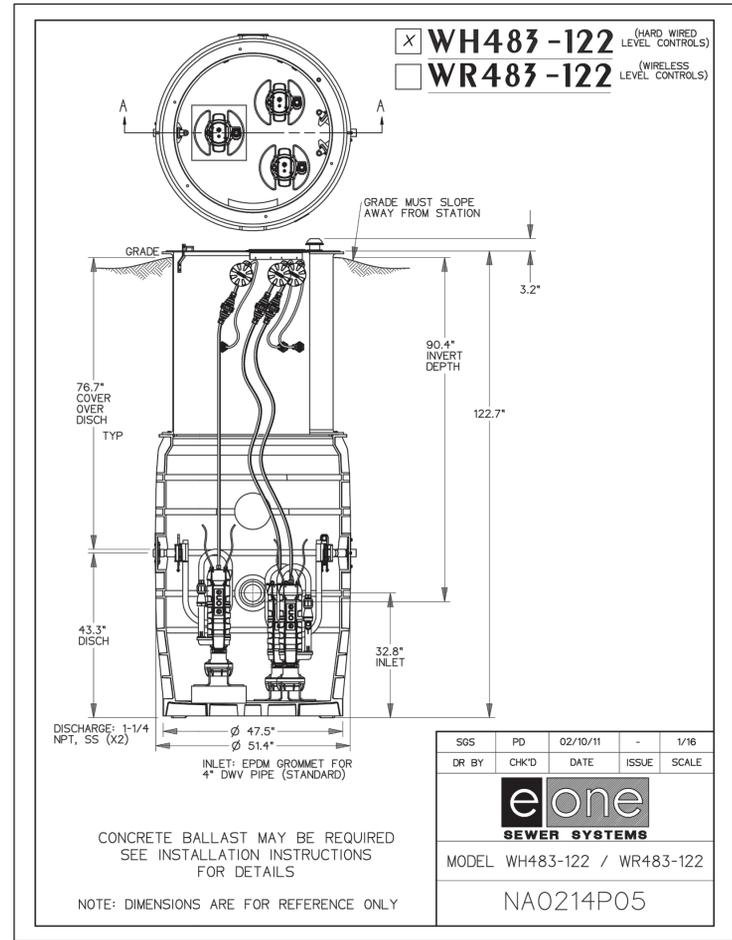


| |
|---|
| SHEET NUMBER 4.00 |
| SCALE VERTICAL: 1" = 30' HORIZONTAL: 1" = 30' |
| JOB NUMBER SLB079306 |

DATE SUBMITTED: 11/12/2013

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. The engineer's responsibility is limited to the design and construction of the erosion control measures shown on these plans.

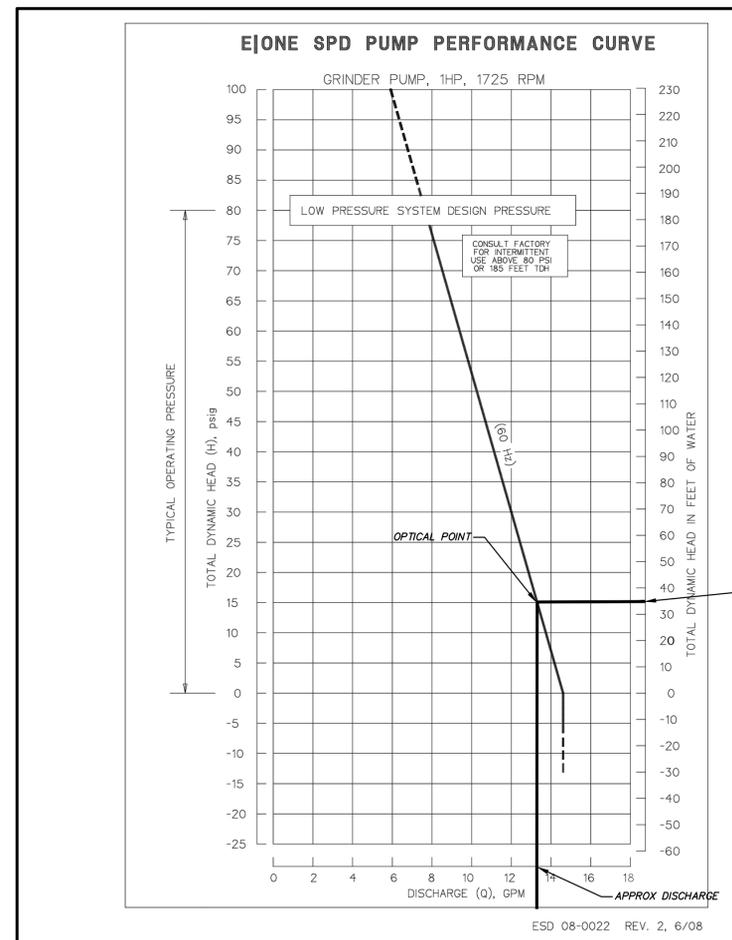


- NOTES:
1. ALL JOINTS SHALL BE SOLVENT WELD JOINT.
 2. PRESSURE TEST PRESSURIZED LATERAL BEFORE CONNECTING TO WYE.
 3. ARRANGE TEST SO THAT FINAL CONNECTION DOES NOT DISTURB PRESSURE TEST, PRESSURIZED LINE COMPONENTS OR FITTINGS.
 4. AFTER CONNECTION OF THE PRESSURIZED LINE AT WYE, TEST FULL ASSEMBLY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

| 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 OUT (GPM) | AUTO DIALER | MAIN POWER TRANSFER SWITCH | POWER |
|-----------|-----------|----------------|-----------|------------|-----------|---------|---------------|--------------------|--------------------------|----------------|------------------------------------|----------------|-------------|----------------------------|------------------|
| GR-7 | 8593.40 | 8" | 8587.40 | 51.4" | 32 | 1 | 1.5" | 2.45 | 1050 | WH483-122 | SUBMERSIBLE GRINDER PUMP E-ONE SPD | 13.5 | CELLULAR | MANUAL | 1 PHASE/240 VOLT |

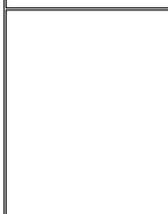
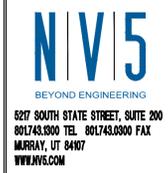
SEWER GRINDER PUMP DETAILS
 SCALE: 1" = N.T.S.

| Grinder Station Calculations | |
|--|---|
| | GR-7 |
| Head Difference | 8593.40-8618.0 = 31 |
| Pipe Length | 191.98 ft. |
| Friction Loss | 1 ft. |
| Flow Calc. Inflow Calculation | (12 units)(3.2 People/household)(100 gallons/day/capita)=2.5 g/m average |
| In flow Peaking Factor (Ten States Method) | $Q_{peak}/Q_{ave}=18+VP/4+VP$ $Q_{peak}= 10$ $P=$ Polulation in Thousands =0 |
| Pump Curve | See Pump Curve = 13.5 g/m $Q_{peak} < Q_{out}$ $10 g/m < 13.5 g/m$ |

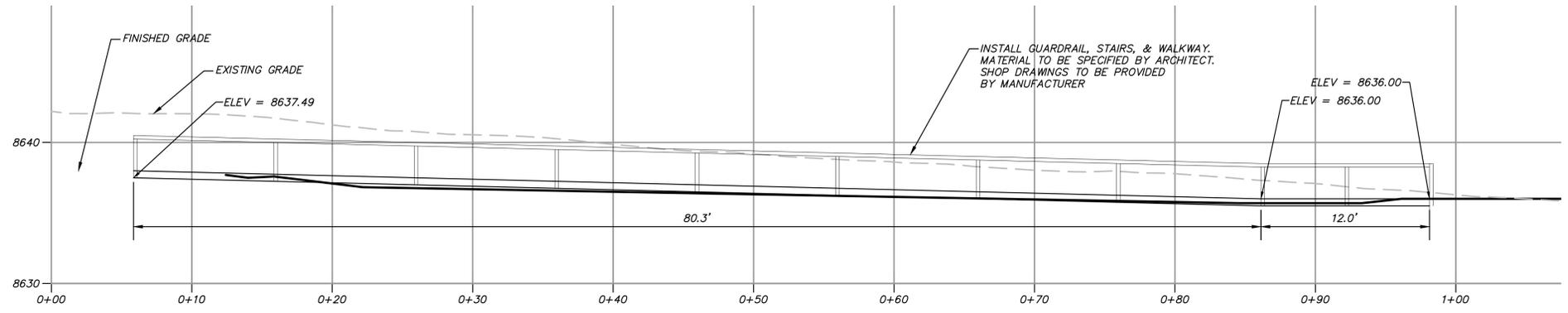


| NO. | DATE | BY | REVISIONS |
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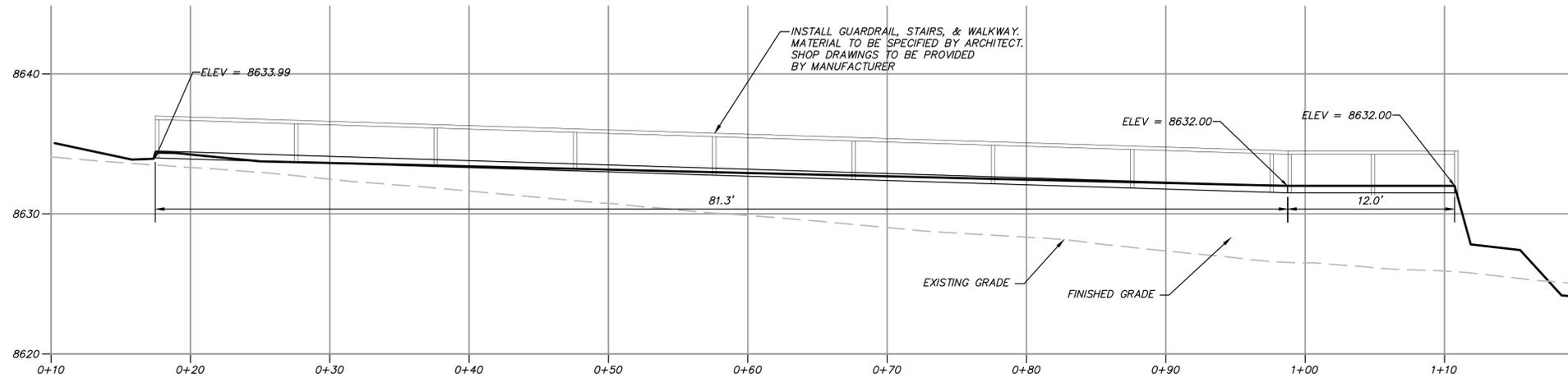
PHASE 1D-DEVELOPMENT PARCEL D
SANITARY SEWER DETAILS



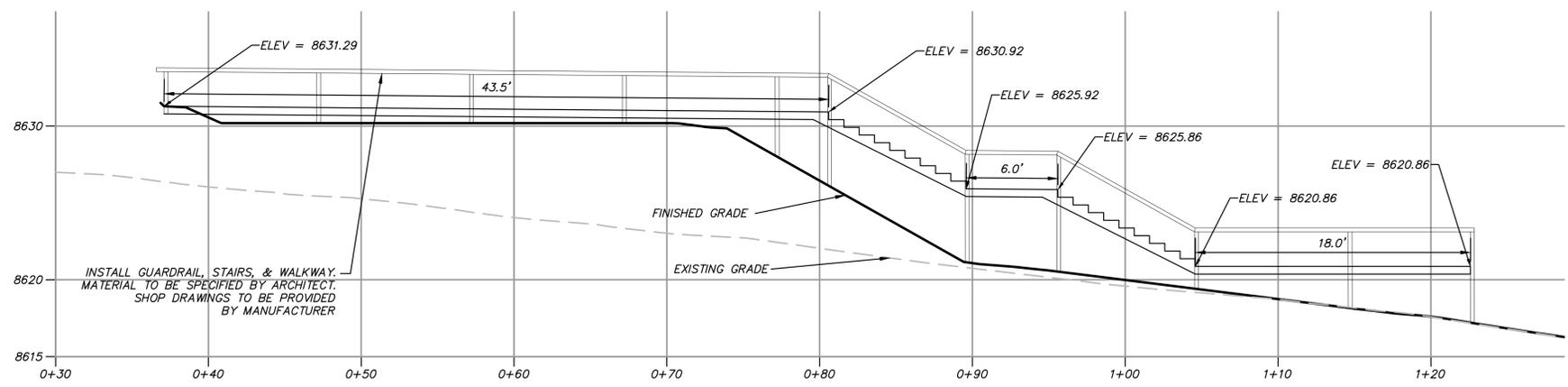
The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. Any such changes or uses must be approved by the preparer of these plans.



1 WALKWAY 1
 HORIZONTAL SCALE: 1" = 5'
 VERTICAL SCALE: 1" = 5'



2 WALKWAY 2
 HORIZONTAL SCALE: 1" = 5'
 VERTICAL SCALE: 1" = 5'

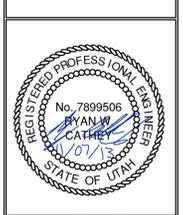
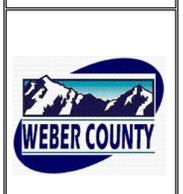


3 WALKWAY 3
 HORIZONTAL SCALE: 1" = 5'
 VERTICAL SCALE: 1" = 5'

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

DEVELOPMENT PARCEL B, RIDGE NESTS
STAIR & GUARDRAIL DETAILS
 PREPARED FOR: SUMMIT, LLC
 DATE SUBMITTED: 11/07/2013

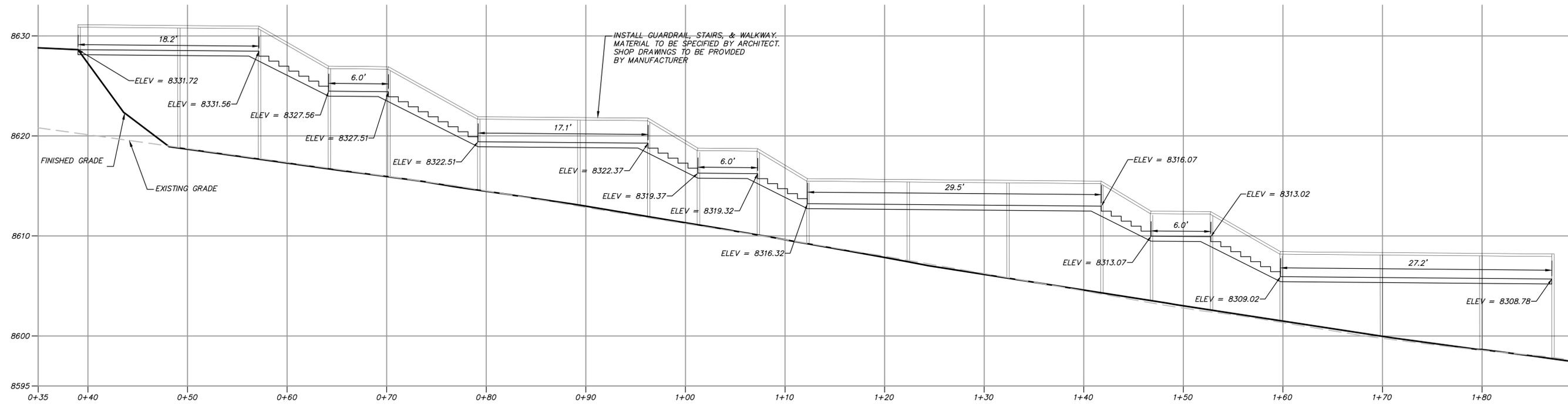
NV5
 BEYOND ENGINEERING
 5217 SOUTH STATE STREET, SUITE 200
 801743.0300 TEL 801743.0300 FAX
 MURRAY, UT 84107
 WWW.NV5.COM



SHEET NUMBER
5.20
 SCALE
 VERTICAL: 1" = 5'
 HORIZONTAL: 1" = 5'
 JOB NUMBER
SLB079306

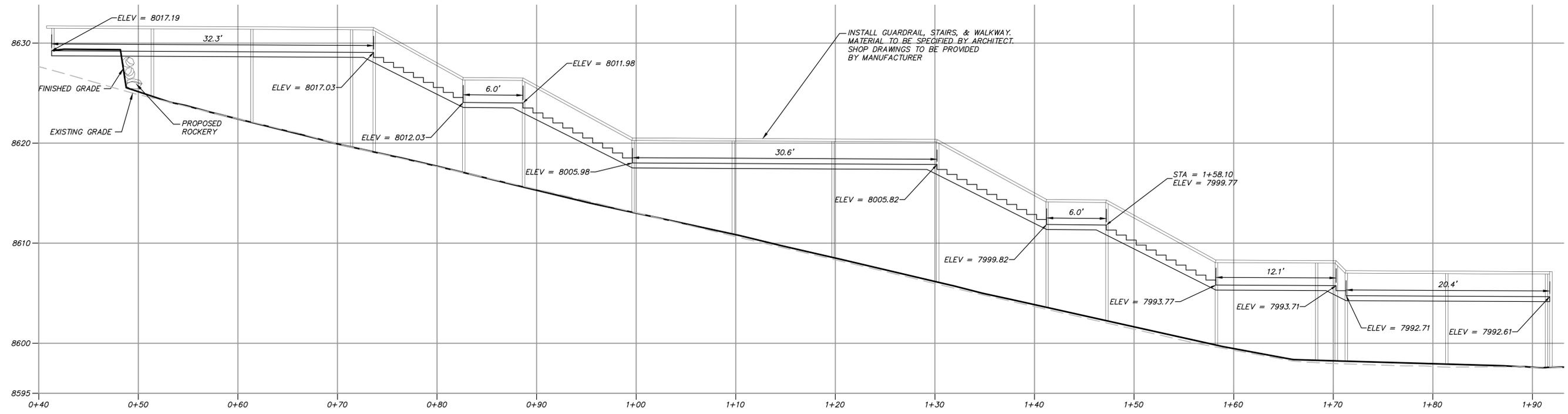
CAUTION
 The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. Any such changes or uses must be approved by the preparer of these plans.

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4 WALKWAY 4

HORIZONTAL SCALE: 1" = 5'
 VERTICAL SCALE: 1" = 5'

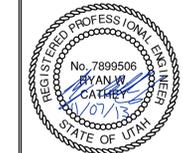


5 WALKWAY 5

HORIZONTAL SCALE: 1" = 5'
 VERTICAL SCALE: 1" = 5'

**DEVELOPMENT PARCEL B, RIDGE NESTS
 STAIR & GUARDRAIL DETAILS**

NV5
 BEYOND ENGINEERING
 6217 SOUTH STATE STREET, SUITE 200
 MURRAY, UT 84107
 801.743.0300 TEL. 801.743.0300 FAX
 WWW.NV5.COM



SHEET NUMBER
5.30
 SCALE
 VERTICAL: 1" = 5'
 HORIZONTAL: 1" = 5'
 JOB NUMBER
SLB079306

CAUTION
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DATE SUBMITTED: 11/07/2013

PREPARED FOR: SUMMIT, LLC

PREFACE
 XREFS: