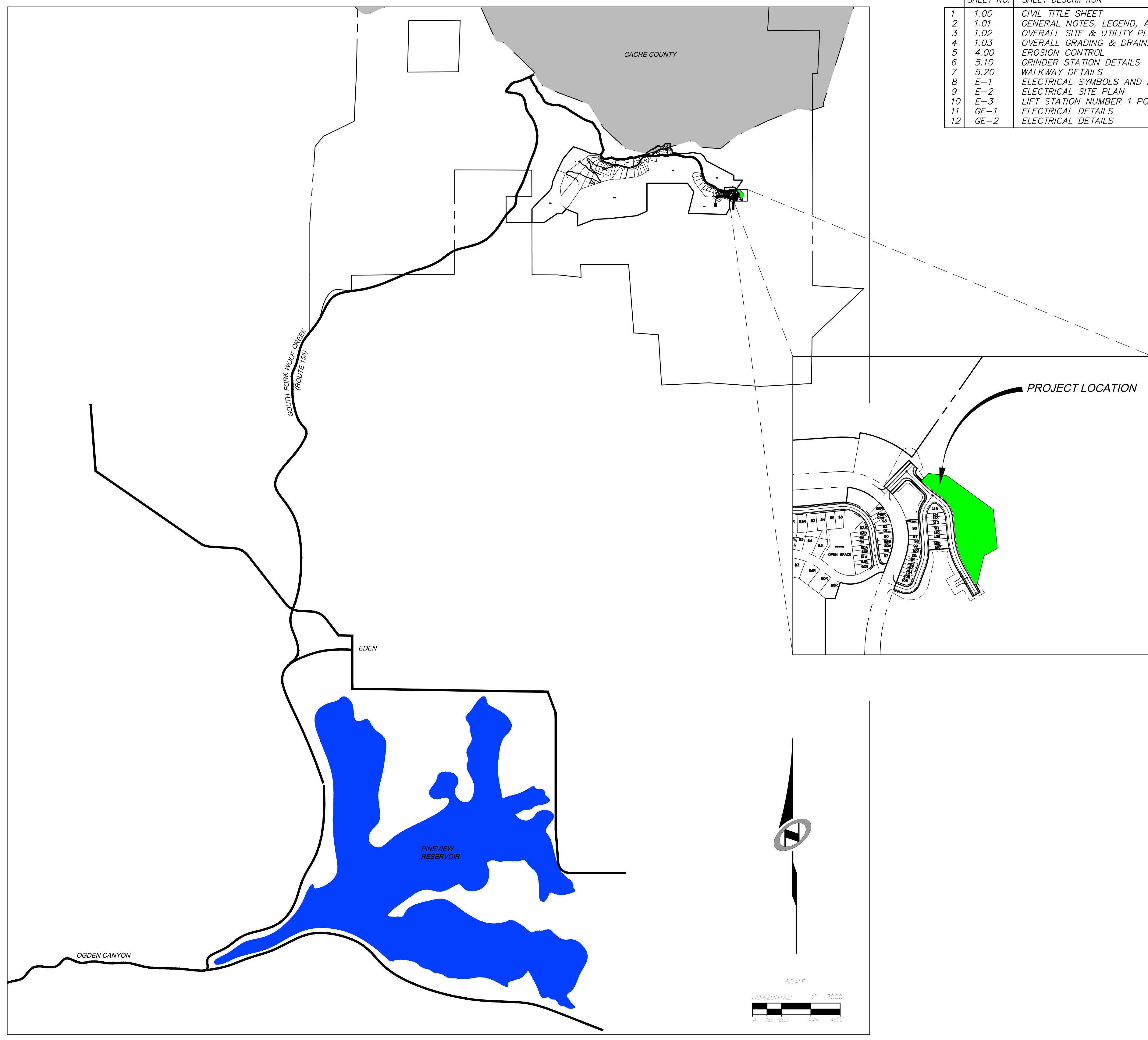


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# SUMMIT EDEN VILLAGE NEST CONDOS

## CONSTRUCTION DRAWINGS

**Located in Sec 08 T7N R2E**  
**Weber County, Utah**

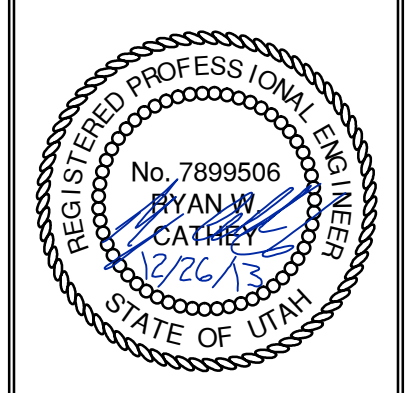


**SHEET INDEX:**

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
8	E-1 ELECTRICAL SYMBOLS AND NOTES
9	E-2 ELECTRICAL SITE PLAN
10	E-3 LIFT STATION NUMBER 1 POWER ONE-LINE DIAGRAM
11	GE-1 ELECTRICAL DETAILS
12	GE-2 ELECTRICAL DETAILS

**SUMMIT EDEN VILLAGE NEST CONDOS**  
**CIVIL TITLE SHEET**

**NV5**  
 BEYOND ENGINEERING  
 527 SOUTH STATE STREET, SUITE 200  
 801.743.0900 TEL. 801.743.0900 FAX  
 MURRAY, UT 84107  
 WWW.NV5.COM



SHEET NUMBER  
**1.00**

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

JOB NUMBER  
**SLB079306**

DATE SUBMITTED: 12/26/2013

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 preparer of these plans.



CATHY XREFS:

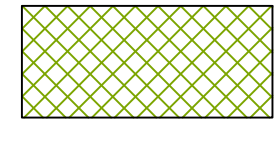
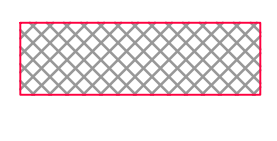
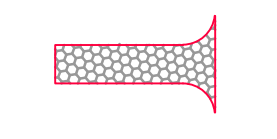
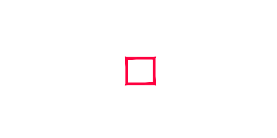
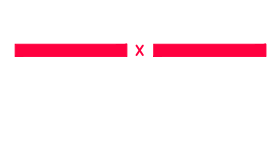







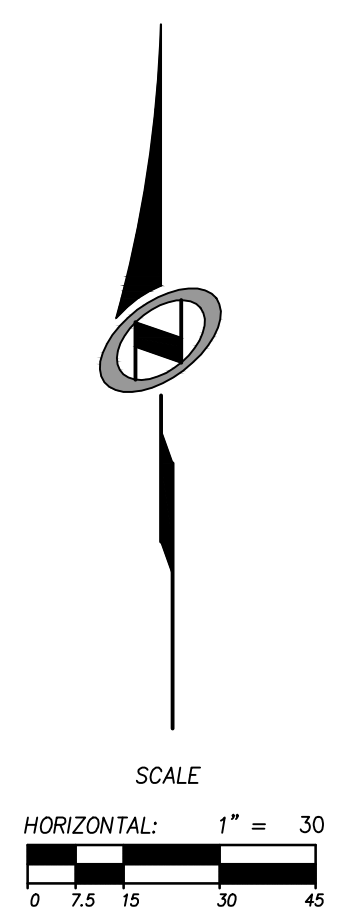


**LEGEND**

-  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:**

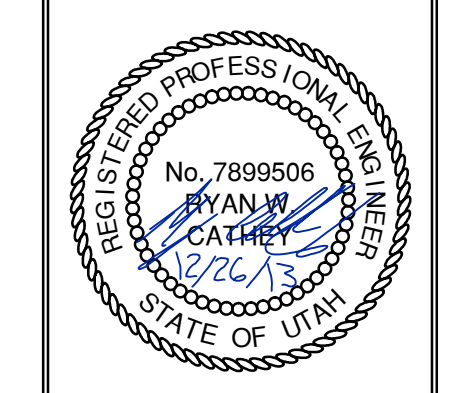
- ANY EXPOSED SLOPE THAT WILL REMAIN UNTOUCHED FOR LONGER THAN 14 DAYS MUST BE STABILIZED BY ONE OR MORE OF THE FOLLOWING METHODS:
- A) SPRAYING DISTURBED AREAS WITH A TACKIFIER VIA HYDROSEED. USE THE FOLLOWING SEED MIXTURE
    - i. MEADOW BROME (RIGOR) 14 lb/AC
    - ii. ORCHARD GRASS 10 lb/AC
    -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



NO.	DATE	REVISIONS

**SUMMIT EDEN VILLAGE NEST CONDOS**  
**EROSION CONTROL**

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 MURRAY, UT 84107  
 WWW.NV5.COM

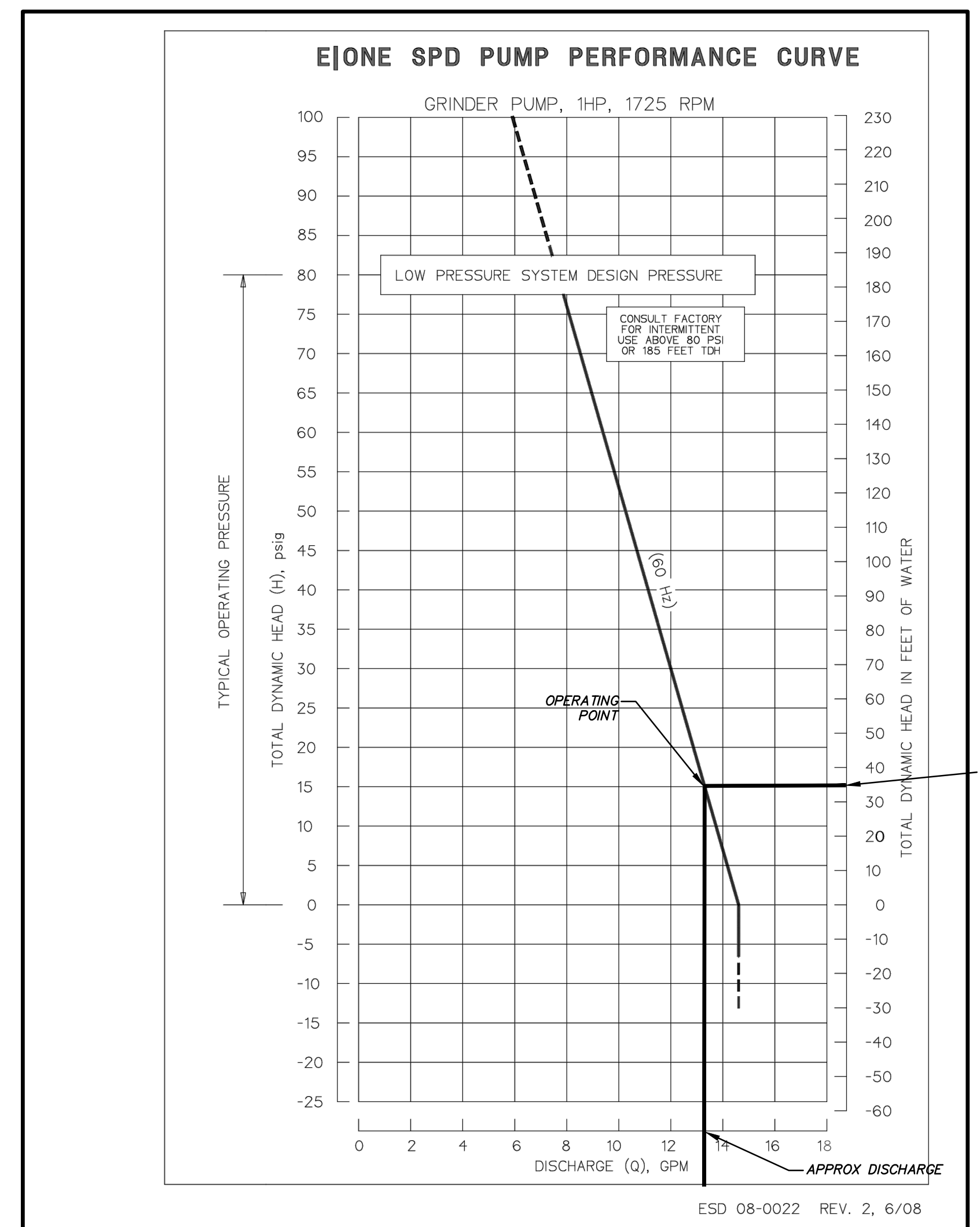
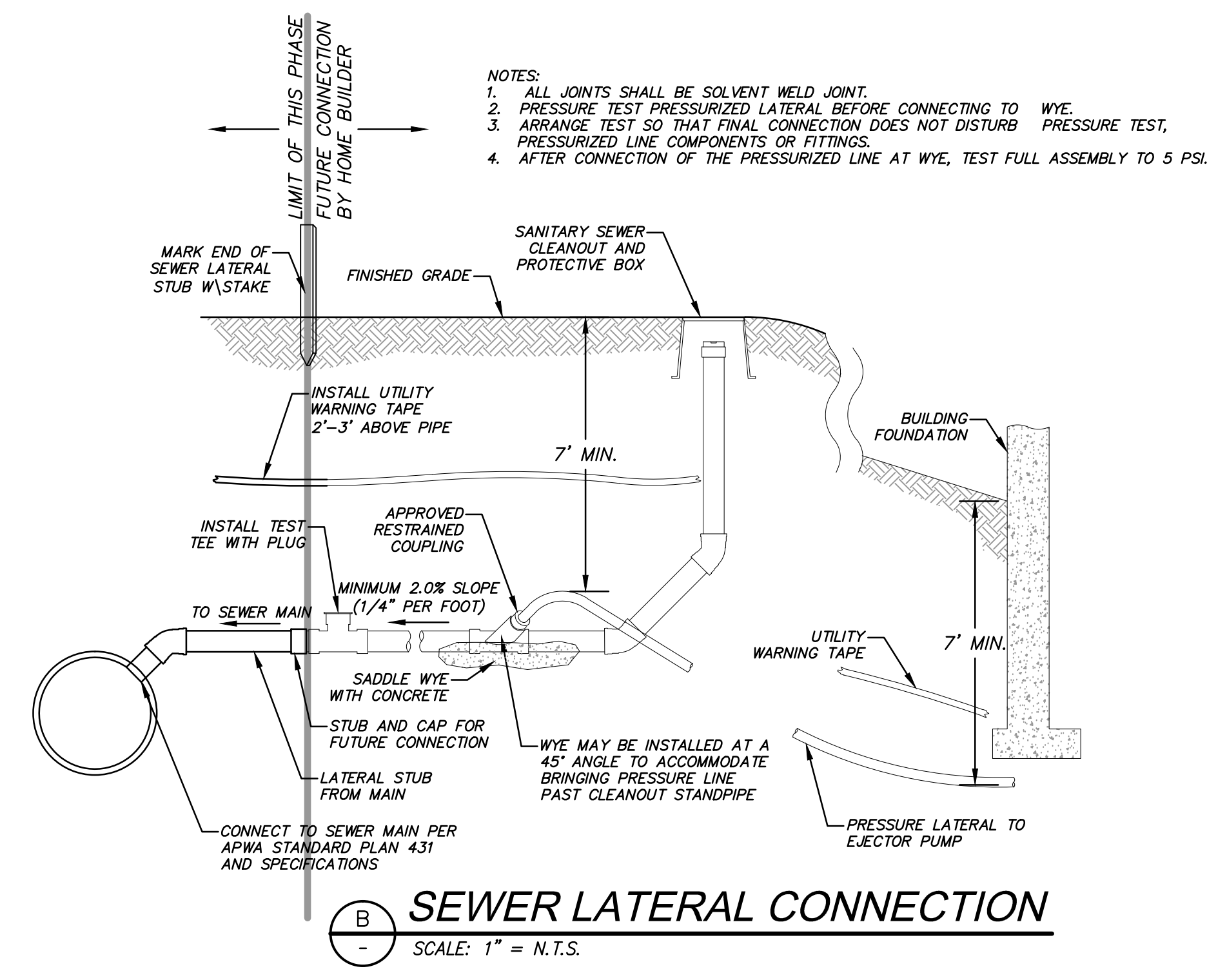
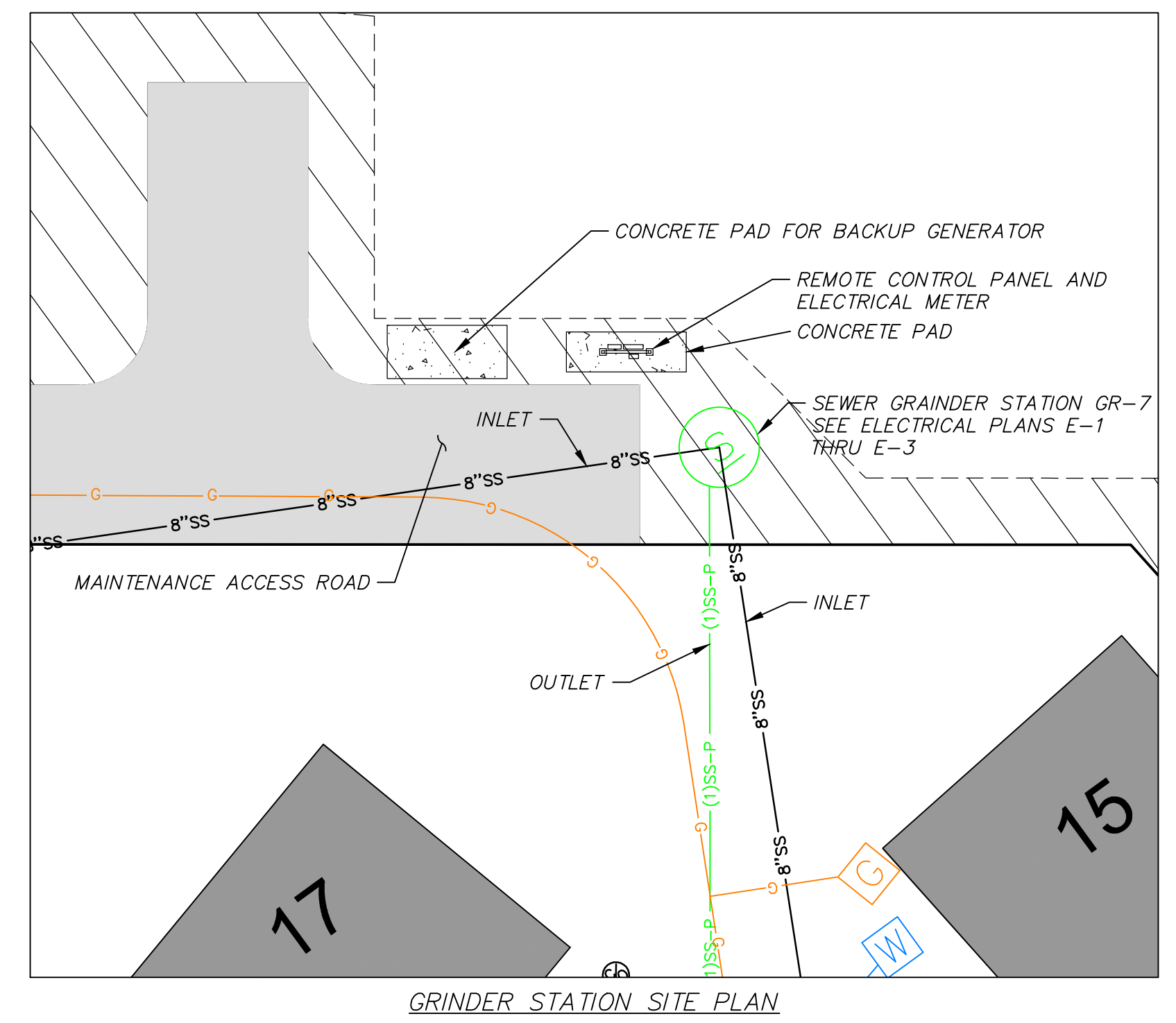
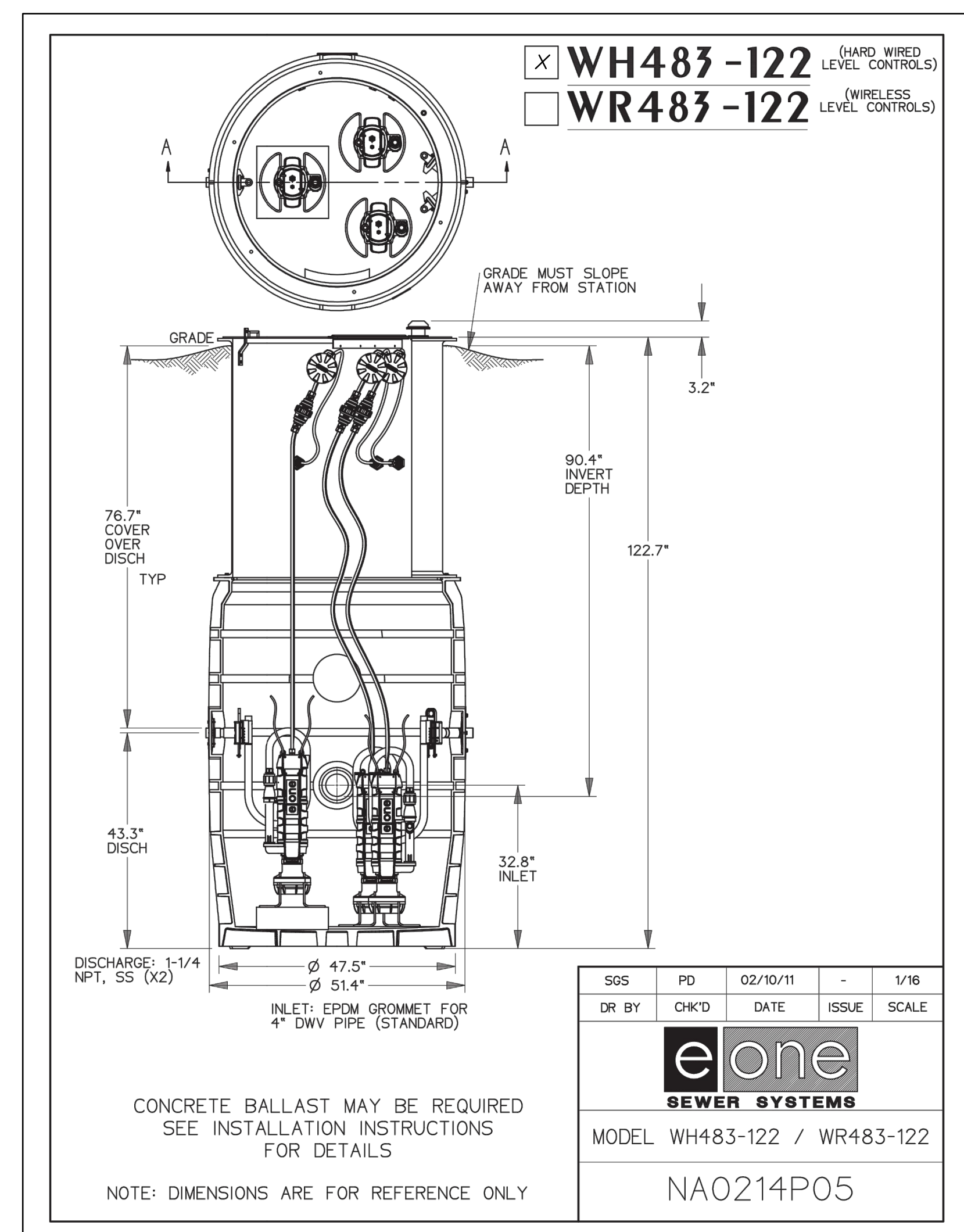


SHEET NUMBER  
**4.00**  
 SCALE  
 VERTICAL: 1" = NA  
 HORIZONTAL: 1" = 30  
 JOB NUMBER  
**SLB079306**

DATE SUBMITTED: 12/26/2013

PREPARED FOR: SUMMIT, LLC

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**LEGEND**

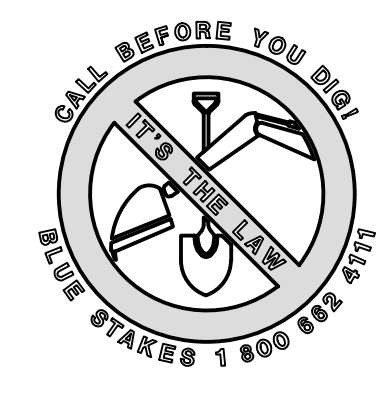
PUMP NAME	INVERT IN	INVERT IN SIZE	SUMP ELEV	BASIN DIA.	PUMP HEAD	PUMP HP	DISCHARGE DIA	DISCHARGE VELOCITY	MIN STORAGE VOLUME (gal)	STATION DETAIL	PUMP	FLOW OUT (GPM)	AUTO DIALER	MAIN POWER TRANSFER SWITCH	POWER
GR-7	8593.40	8"	8587.40	51.4"	32	1	1.5"	2.45	486	WH483-122	SUBMERSIBLE GRINDER PUMP E-ONE SPD	13.5	CELLULAR	AUTOMATIC	1 PHASE/240 VOLT

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

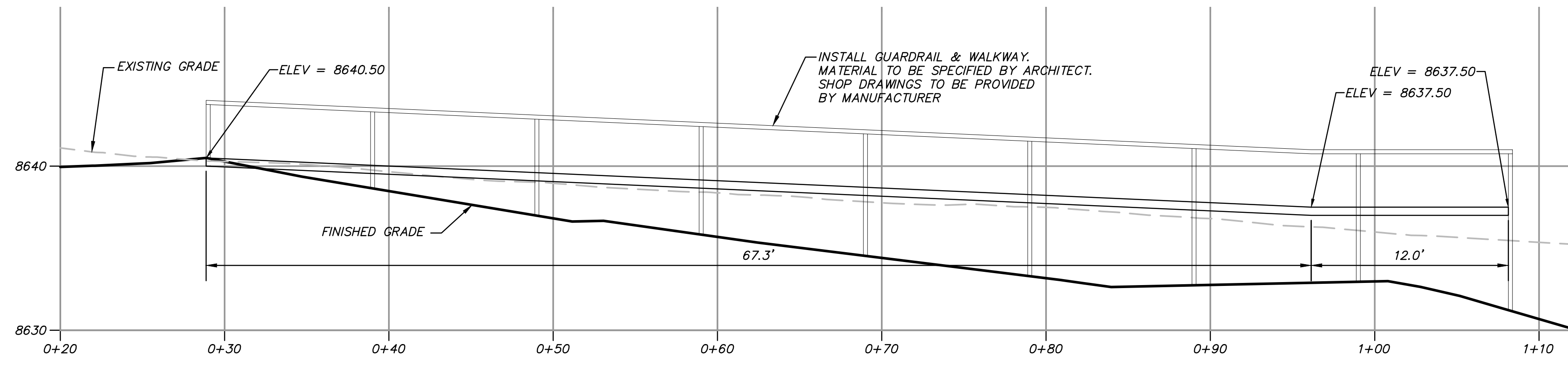
**Grinder Station Calculations**

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)	$Q_{peak}/Q_{ave}=18+VP/4+VP$ $Q_{peak}=10$ $P=$ Pollution in Thousands = 0
Pump Curve	See Pump Curve = 13.5 g/m $Q_{peak} < Q_{out}$ $10 g/m < 13.5 g/m$

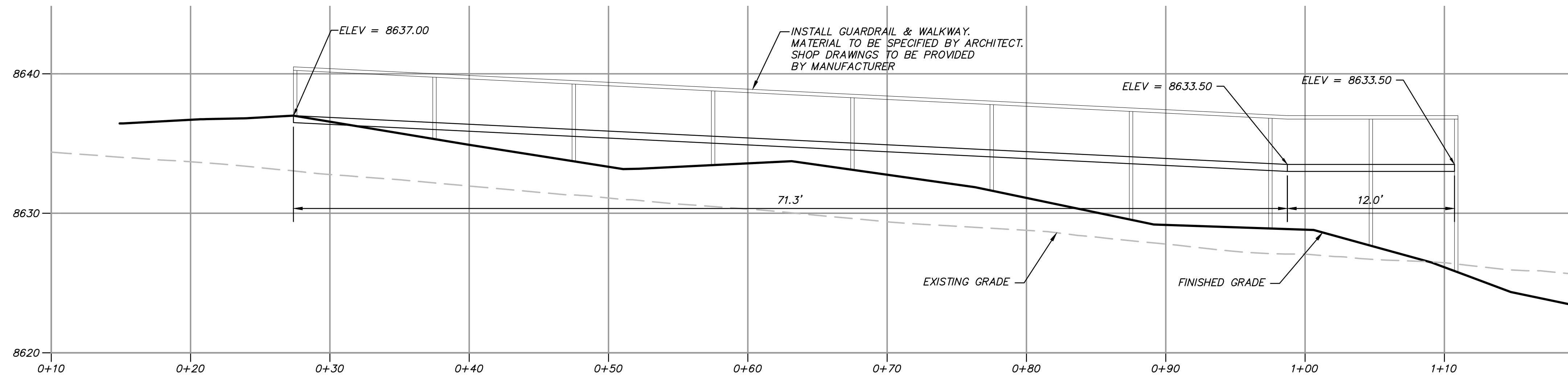
PREPARED FOR: SUMMIT, LLC  
 DATE SUBMITTED: 12/26/2013  
 SUMMIT EDEN VILLAGE NEST CONDOS  
 SANITARY SEWER DETAILS  
 SHEET NUMBER: 5.10  
 SCALE: VERTICAL: 1" = N/A, HORIZONTAL: 1" = N/A  
 JOB NUMBER: SLB079306  
 REG. PROFESSIONAL ENGINEER  
 RYAN W. CATHEY  
 STATE OF UTAH  
 No. 7899506  
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 BEYOND ENGINEERING  
 NV5



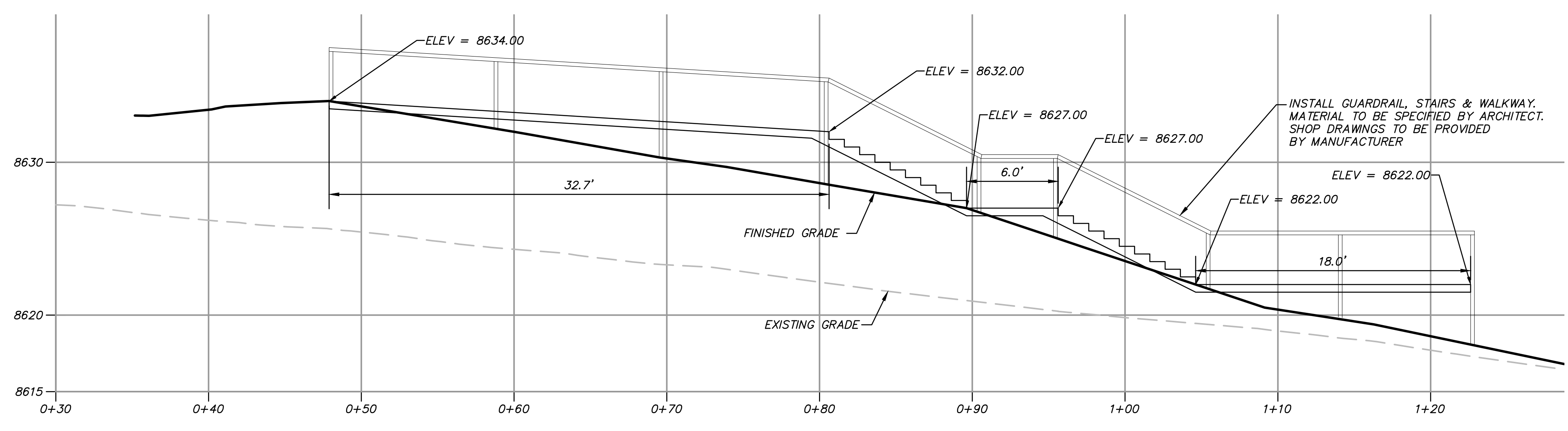
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**1 WALKWAY 1**  
 HORIZONTAL SCALE: 1" = 5'  
 VERTICAL SCALE: 1" = 5'



**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

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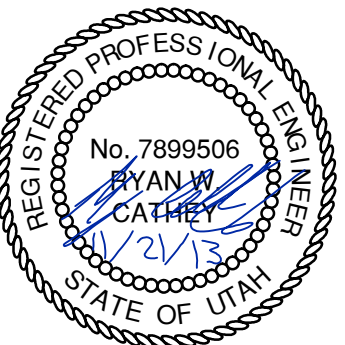
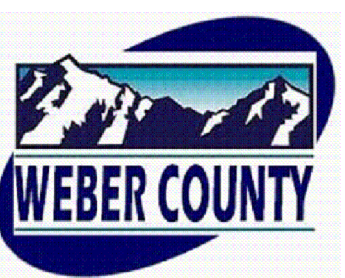
**SUMMIT EDEN RIDGE NESTS PRUD**  
**STAIR & GUARDRAIL DETAILS**

DATE SUBMITTED: 11/21/2013

PREPARED FOR: SUMMIT MOUNTAIN HOLDINGS GROUP, LLC



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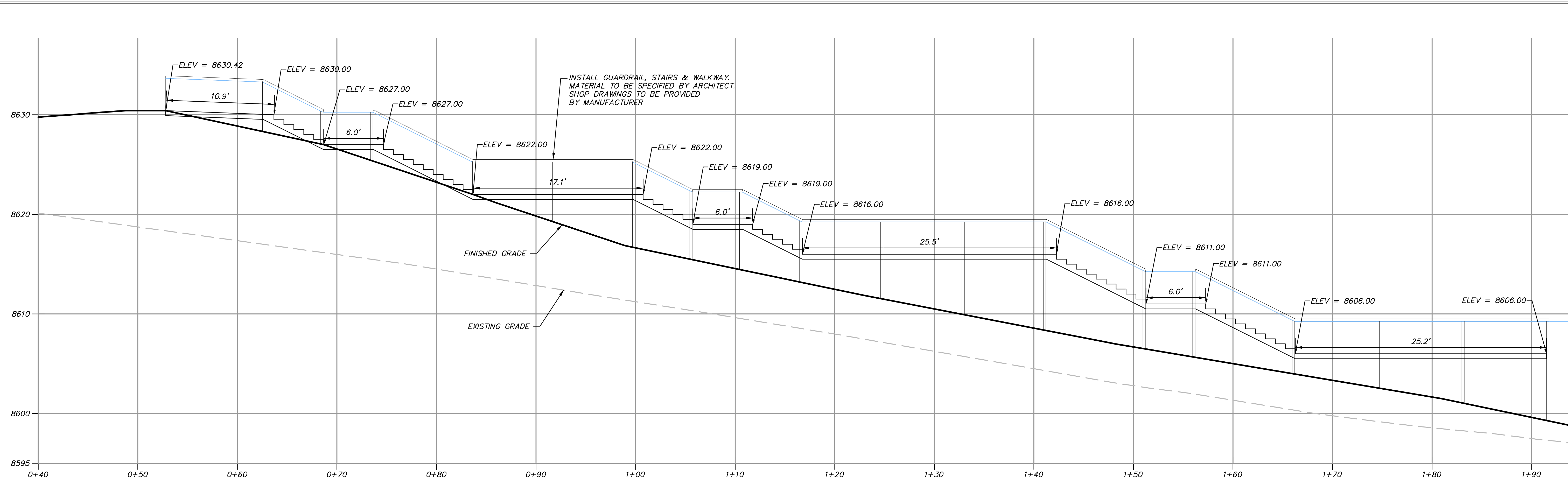
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SCALE  
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 HORIZONTAL: 1" = 5'

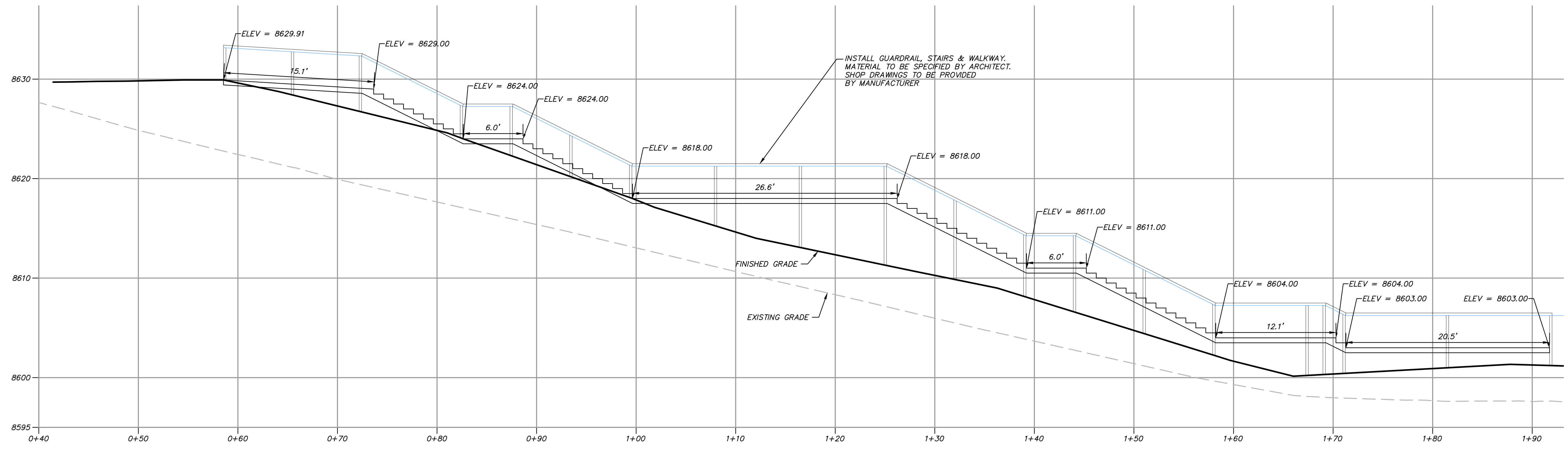
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CATHEY  
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**4 WALKWAY 4**  
 HORIZONTAL SCALE: 1" = 5'  
 VERTICAL SCALE: 1" = 5'



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

NO.	DATE	BY	REVISIONS

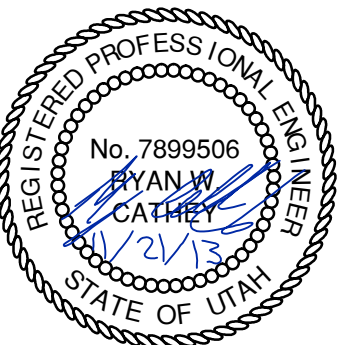
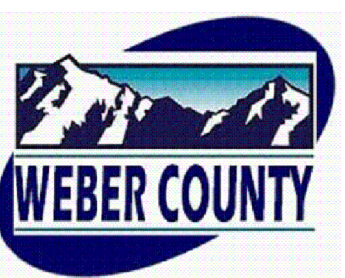
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**SUMMIT EDEN RIDGE NESTS PRUD**  
**STAIR & GUARDRAIL DETAILS**

DATE SUBMITTED: 11/21/2013

PREPARED FOR: SUMMIT MOUNTAIN HOLDINGS GROUP, LLC

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SHEET NUMBER  
**5.30**

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

JOB NUMBER  
**SLB079306**

CATHEY  
 XREFS: