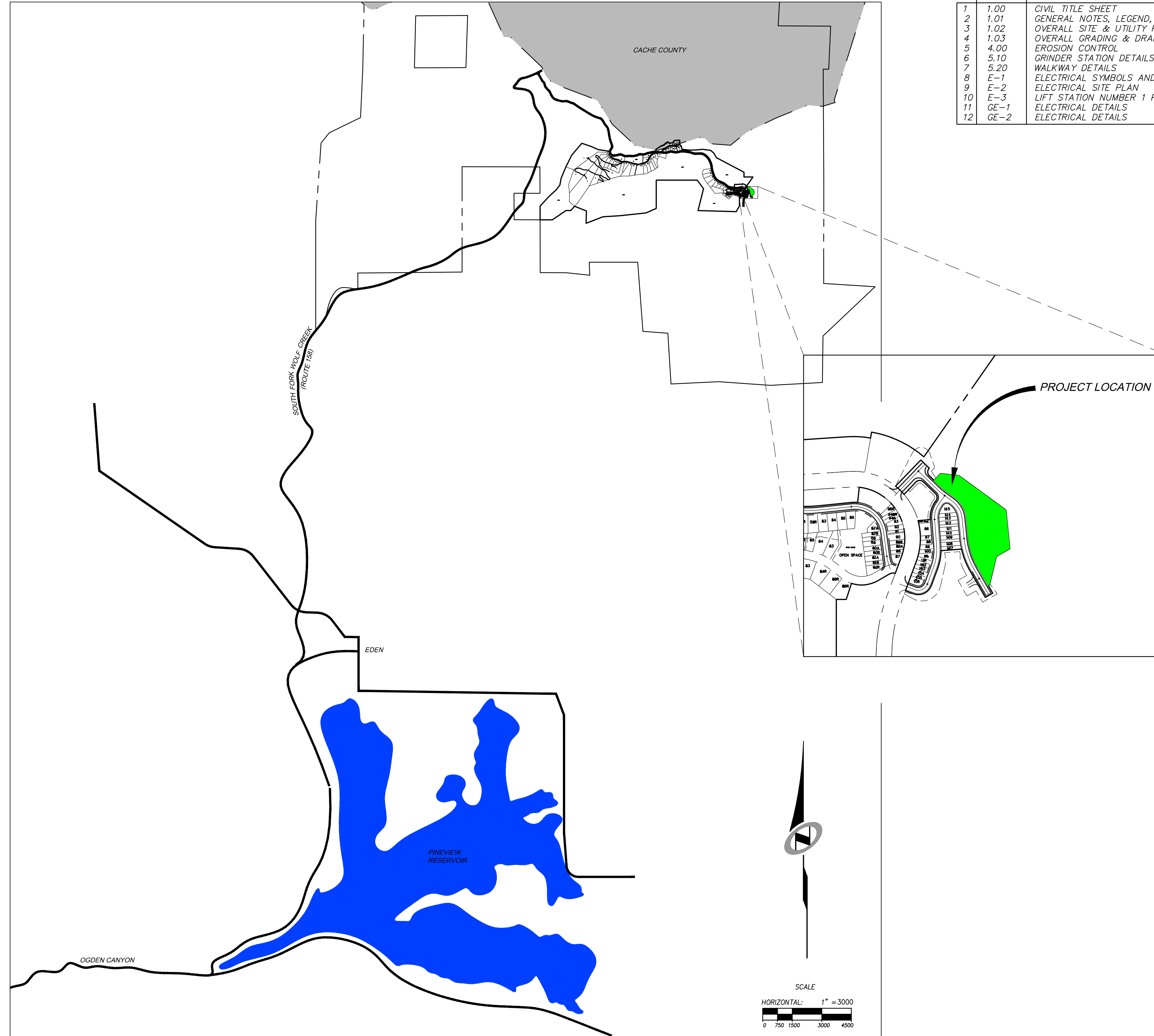


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SUMMIT EDEN VILLAGE NEST CONDOS

CONSTRUCTION DRAWINGS

Located in Sec 08 T7N R2E
 Weber County, Utah

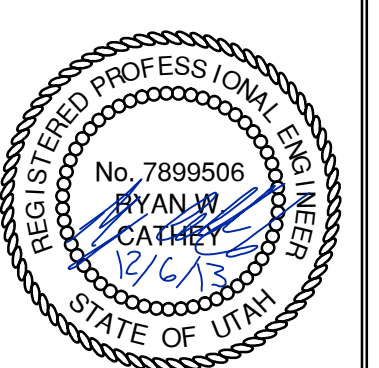


SHEET INDEX:

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
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 5217 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

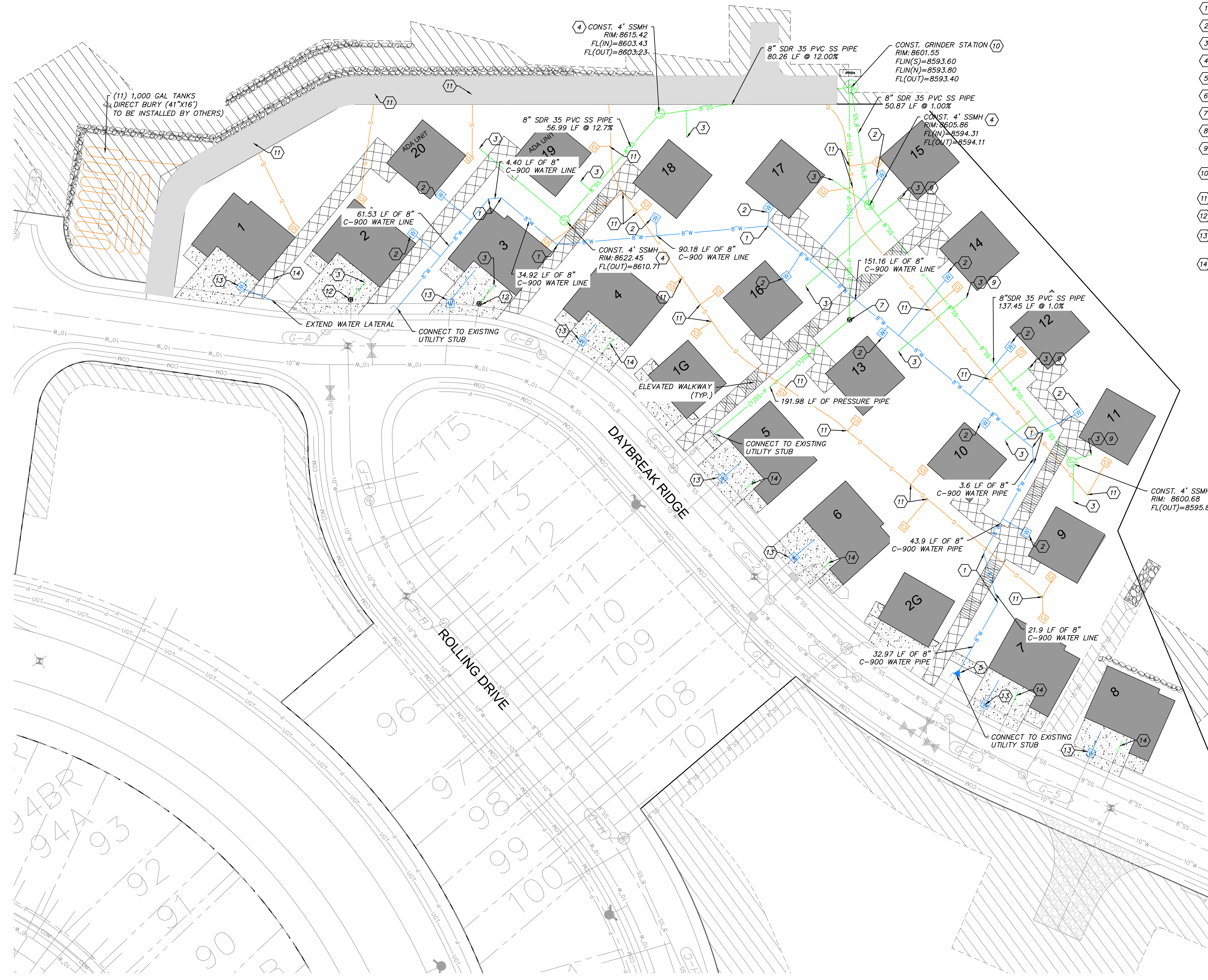


DATE SUBMITTED: 12/6/2013

PREPARED FOR: SUMMIT, LLC

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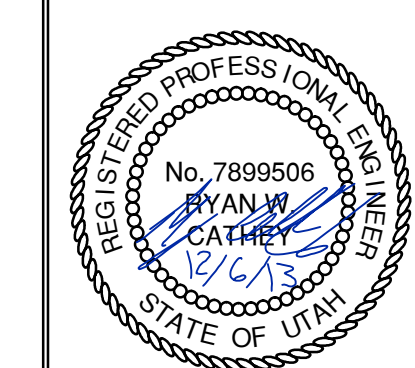


KEY NOTES

- 1 CONST. WATERLINE 45° BEND WITH THRUST BLOCKS
- 2 CONST. 3/4" WATER METER PER APWA PLAN 522. EXTEND LATERAL PER MECHANICAL DRAWINGS
- 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 2" PRESSURE WASHOUT
- 8 WYE CONNECT INTO 8" SANITARY SEWER
- 9 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
- 12 INSTALL TRAFFIC RATED SEWER CLEAN OUT PER APWA PLAN 431 EXTEND LATERAL PER MECHANICAL DRAWINGS
- 13 CONST. 3/4" WATER METER PER APWA PLAN 522 INCLUDE TRAFFIC RATED METER CAN. EXTEND LATERAL PER MECHANICAL DRAWINGS
- 14 CONNECT TO AND EXTEND EXISTING STUBBED OUT LATERAL

SUMMIT EDEN VILLAGE NEST CONDOS
 OVERALL SITE & UTILITY PLAN

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 801743.000 TEL. 801743.000 FAX
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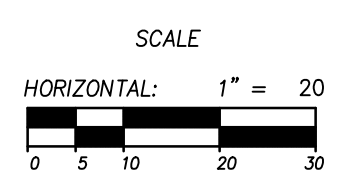
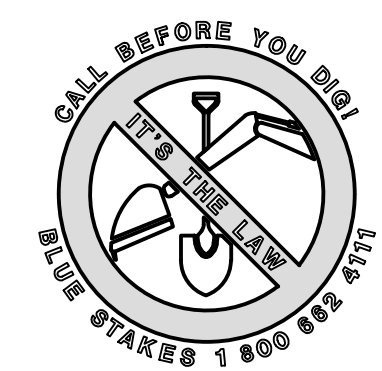


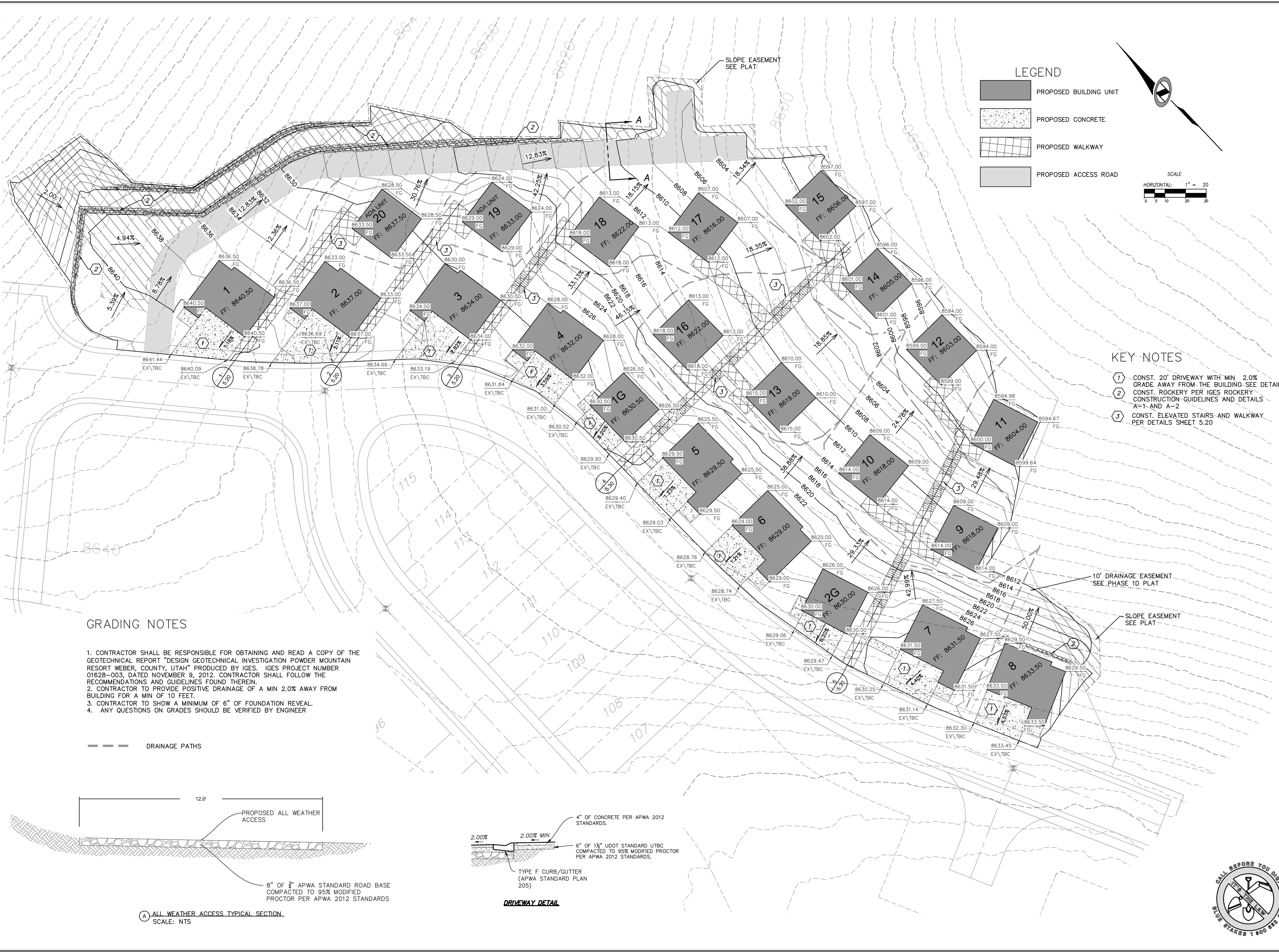
SHEET NUMBER	1.02
SCALE	HORIZONTAL: 1" = 40' VERTICAL: 1" = 20'
JOB NUMBER	SLB079306

DATE SUBMITTED: 12/6/2013

PREPARED FOR: SUMMIT, LLC

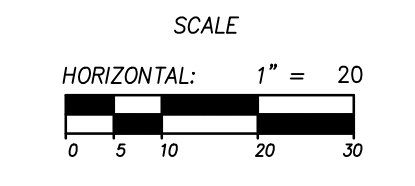
NO. BY DATE REVISIONS
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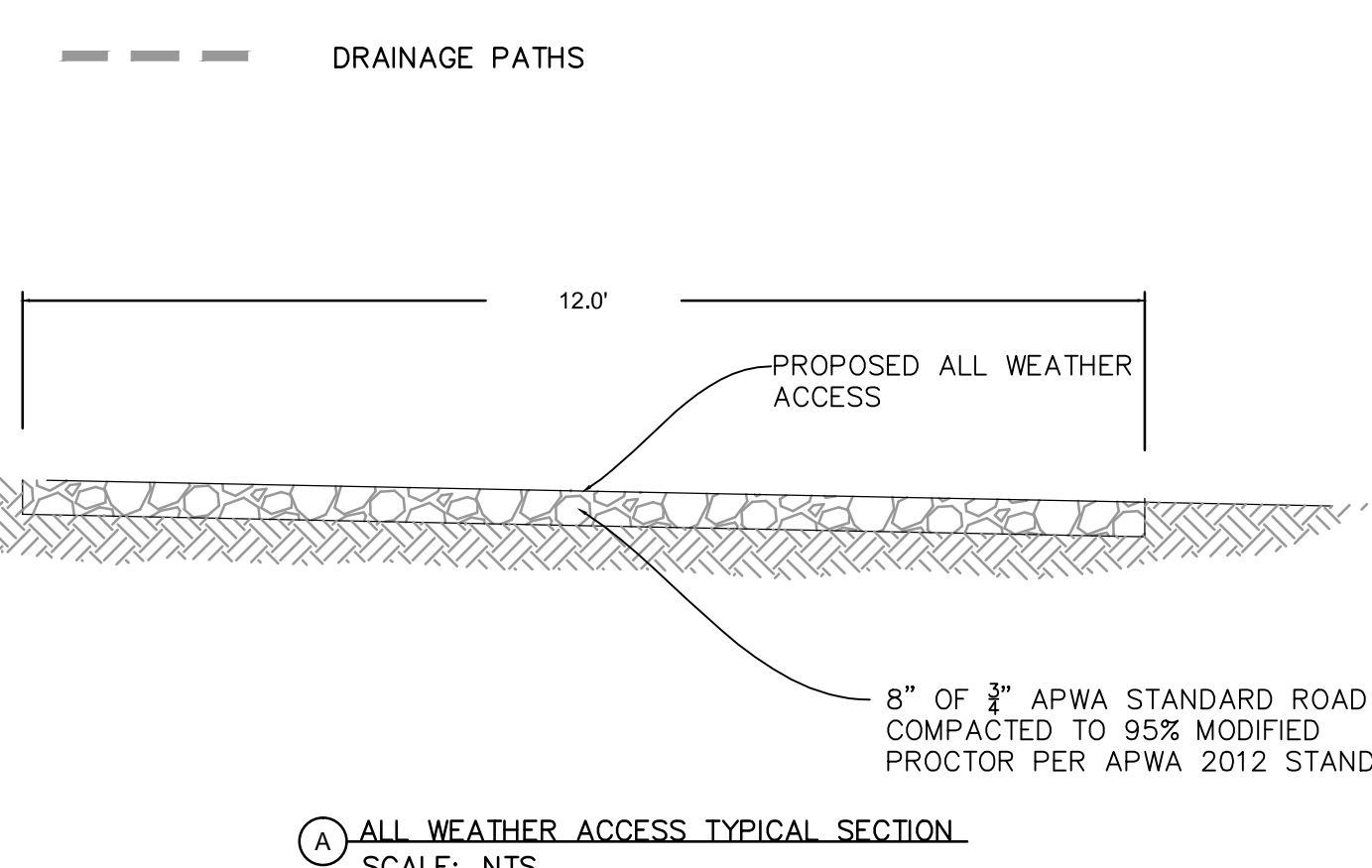
LEGEND

- PROPOSED BUILDING UNIT
- PROPOSED CONCRETE
- PROPOSED WALKWAY
- PROPOSED ACCESS ROAD



- KEY NOTES**
- 1 CONST. 20' DRIVEWAY WITH MIN 2.0% GRADE AWAY FROM THE BUILDING SEE DETAIL
 - 2 CONST. ROCKERY PER IGES ROCKERY CONSTRUCTION GUIDELINES AND DETAILS A-1 AND A-2
 - 3 CONST. ELEVATED STAIRS AND WALKWAY PER DETAILS SHEET 5.20

- GRADING NOTES**
1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND READ A COPY OF THE GEOTECHNICAL REPORT "DESIGN GEOTECHNICAL INVESTIGATION POWDER MOUNTAIN RESORT WEBER, COUNTY, UTAH" PRODUCED BY IGES. IGES PROJECT NUMBER 01628-003, DATED NOVEMBER 9, 2012. CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS AND GUIDELINES FOUND THEREIN.
 2. CONTRACTOR TO PROVIDE POSITIVE DRAINAGE OF A MIN 2.0% AWAY FROM BUILDING FOR A MIN OF 10 FEET.
 3. CONTRACTOR TO SHOW A MINIMUM OF 6" OF FOUNDATION REVEAL.
 4. ANY QUESTIONS ON GRADES SHOULD BE VERIFIED BY ENGINEER



NO.	BY	DATE	REVISIONS

SUMMIT EDEN VILLAGE NEST CONDOS
OVERALL GRADING AND DRAINAGE PLAN

PREPARED FOR: SUMMIT, LLC

DATE SUBMITTED: 12/6/2013

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 BEYOND ENGINEERING

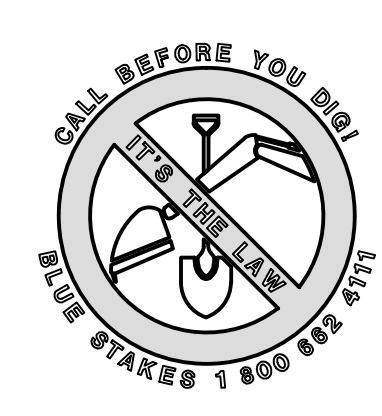
527 SOUTH STATE STREET, SUITE 200
 801743.000 TEL. 801743.000 FAX
 MURRAY, UT 84107
 WWW.NV5.COM

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

SHEET NUMBER
1.03

SCALE
 VERTICAL: 1" = 8'
 HORIZONTAL: 1" = 30'

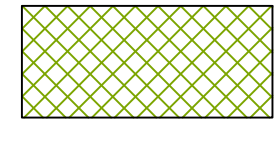
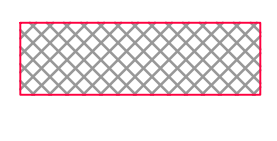
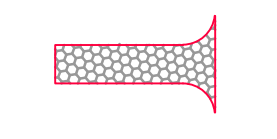
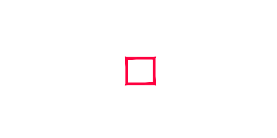
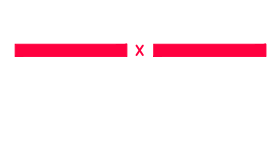

JOB NUMBER
SLB079306



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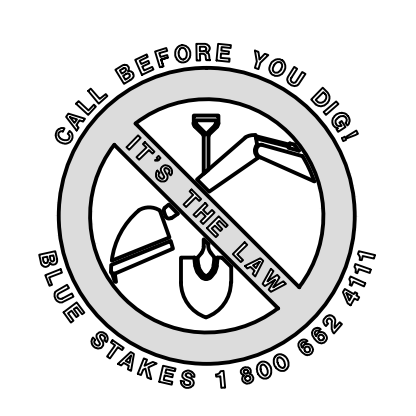
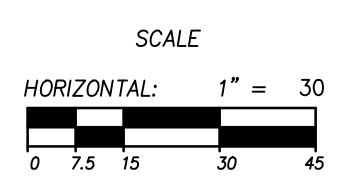
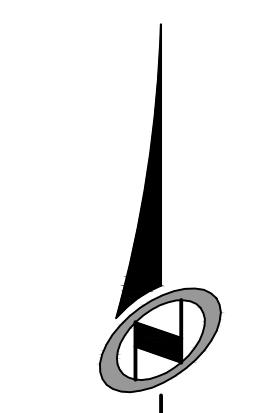


LEGEND

-  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

DATE SUBMITTED: 12/6/2013
 PREPARED FOR: SUMMIT, LLC

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 BEYOND ENGINEERING
 5217 SOUTH STATE STREET, SUITE 200
 MURRAY, UT 84147
 801.743.0300 TEL. 801.743.0300 FAX
 WWW.NV5.COM

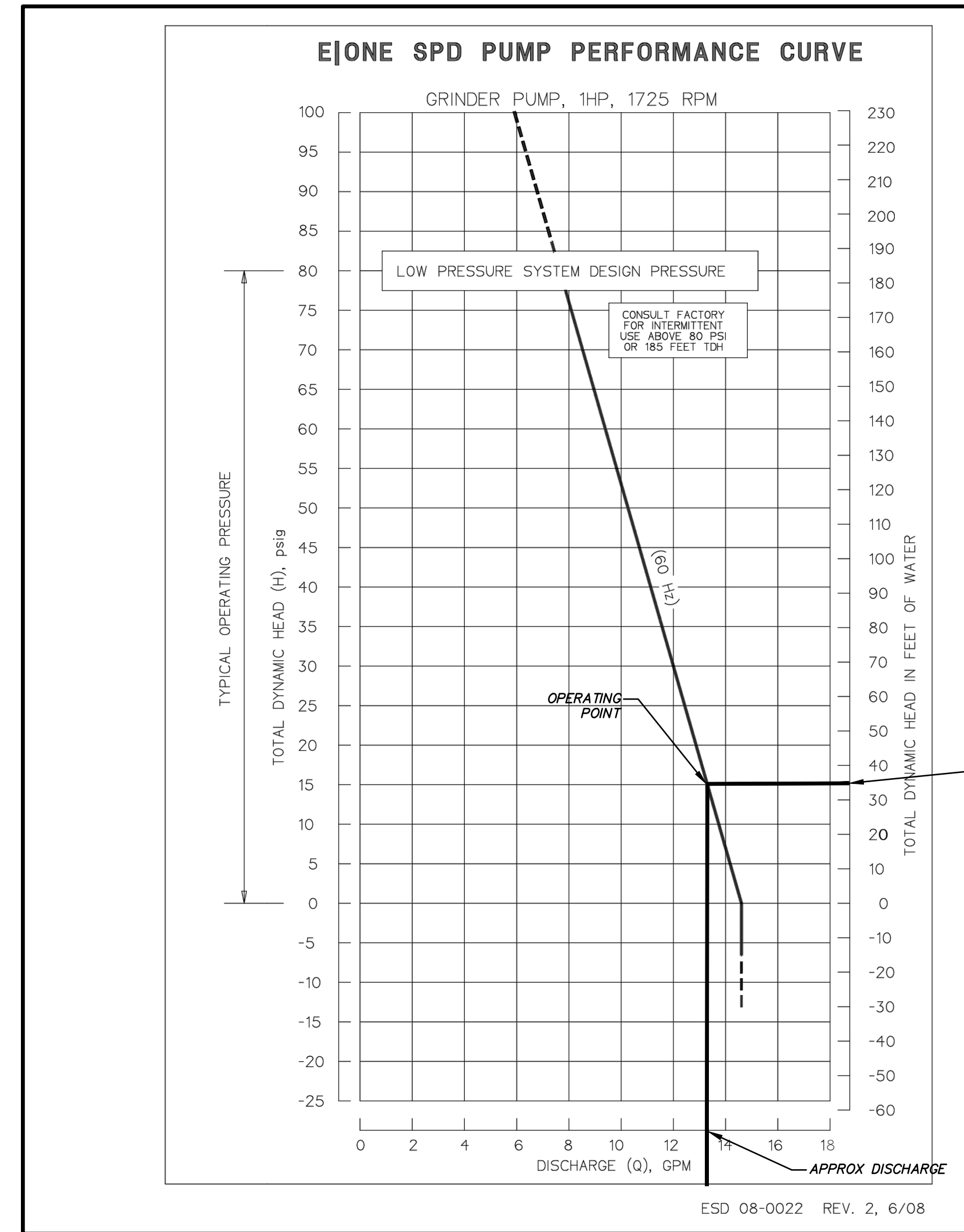
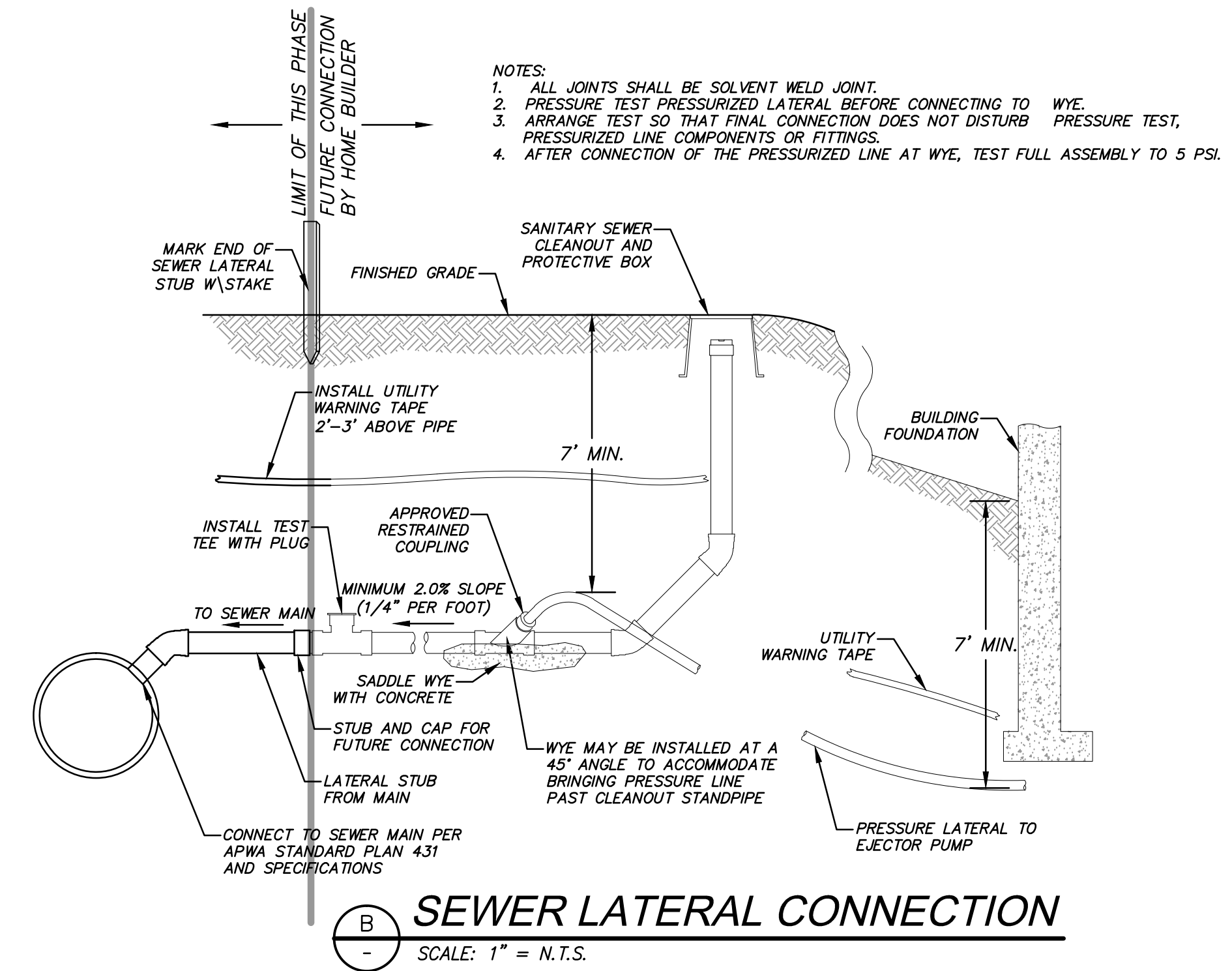
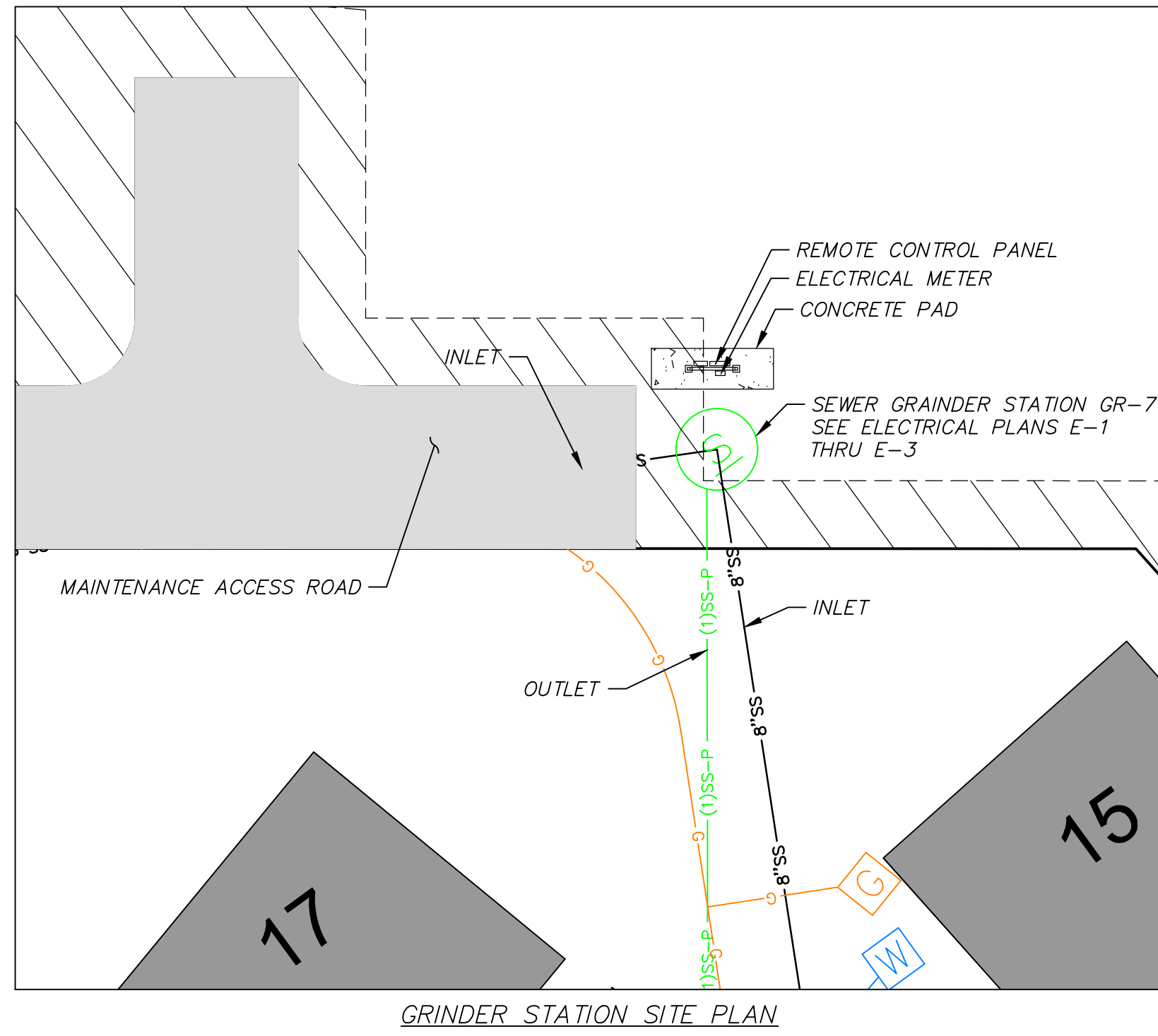
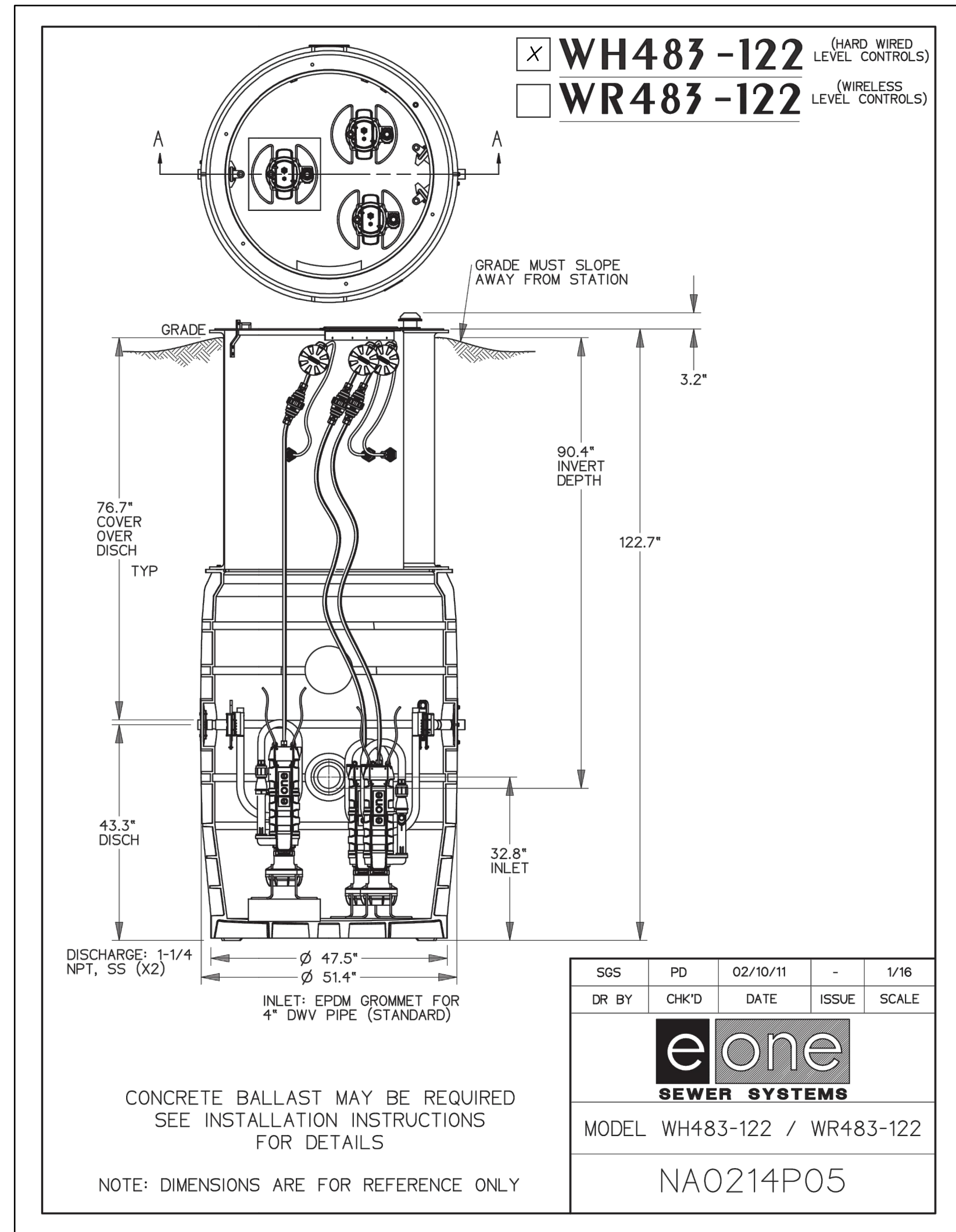
REGISTERED PROFESSIONAL ENGINEER
 No. 7899506
 RYAN W. CATHY
 STATE OF UTAH

SHEET NUMBER
4.00

SCALE
 VERTICAL: 1" = 30'
 HORIZONTAL: 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 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 $Q_{peak} < Q_{out}$ $10 g/m < 13.5 g/m$

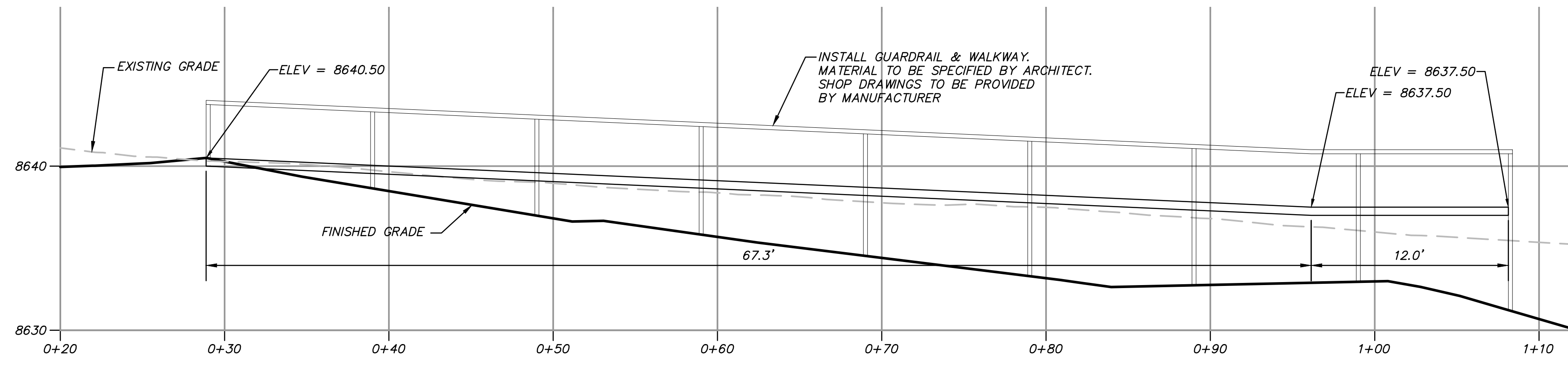
SUMMIT EDEN VILLAGE NEST CONDOS
 SANITARY SEWER DETAILS

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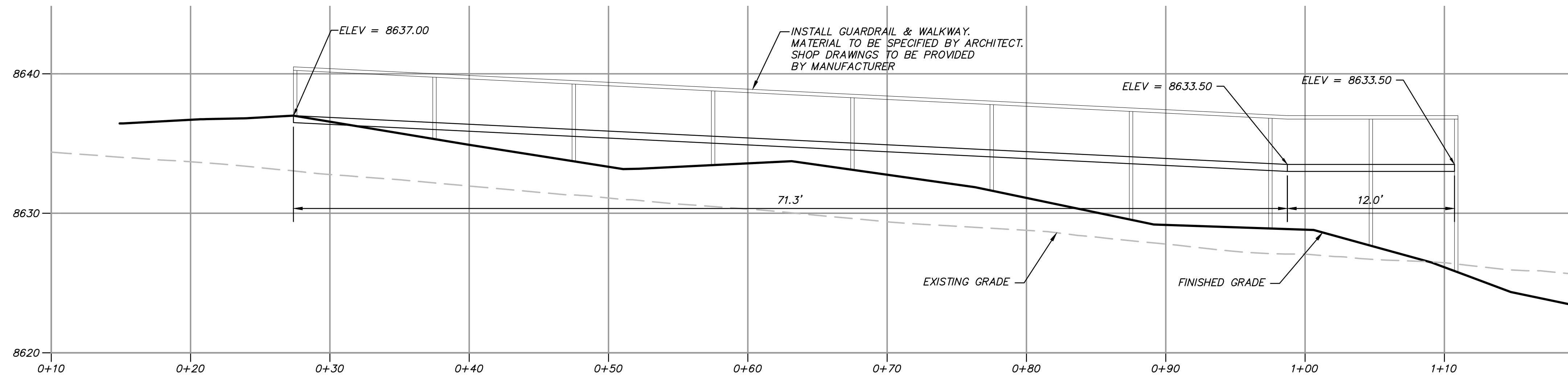
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 No. 7899506
 RYAN W. CATHEY
 STATE OF UTAH



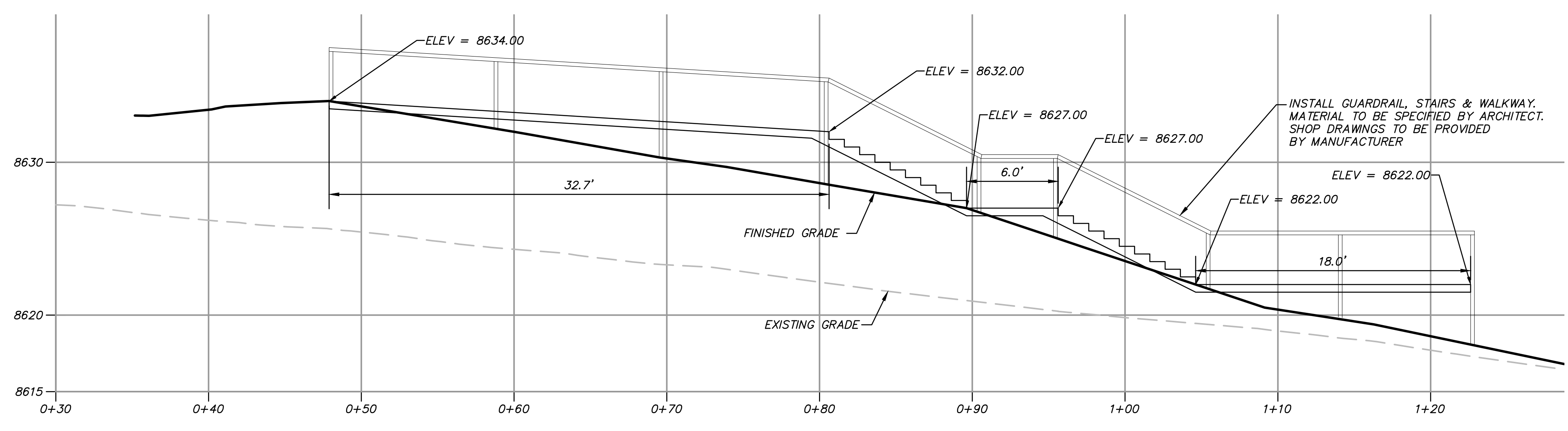
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1 WALKWAY 1
 HORIZONTAL SCALE: 1" = 5'
 VERTICAL SCALE: 1" = 5'



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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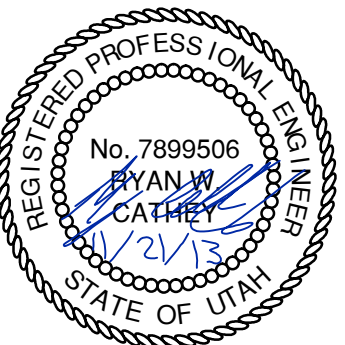
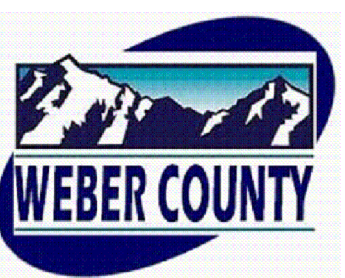
SUMMIT EDEN RIDGE NESTS PRUD
STAIR & GUARDRAIL DETAILS

DATE SUBMITTED: 11/21/2013

PREPARED FOR: SUMMIT, LLC



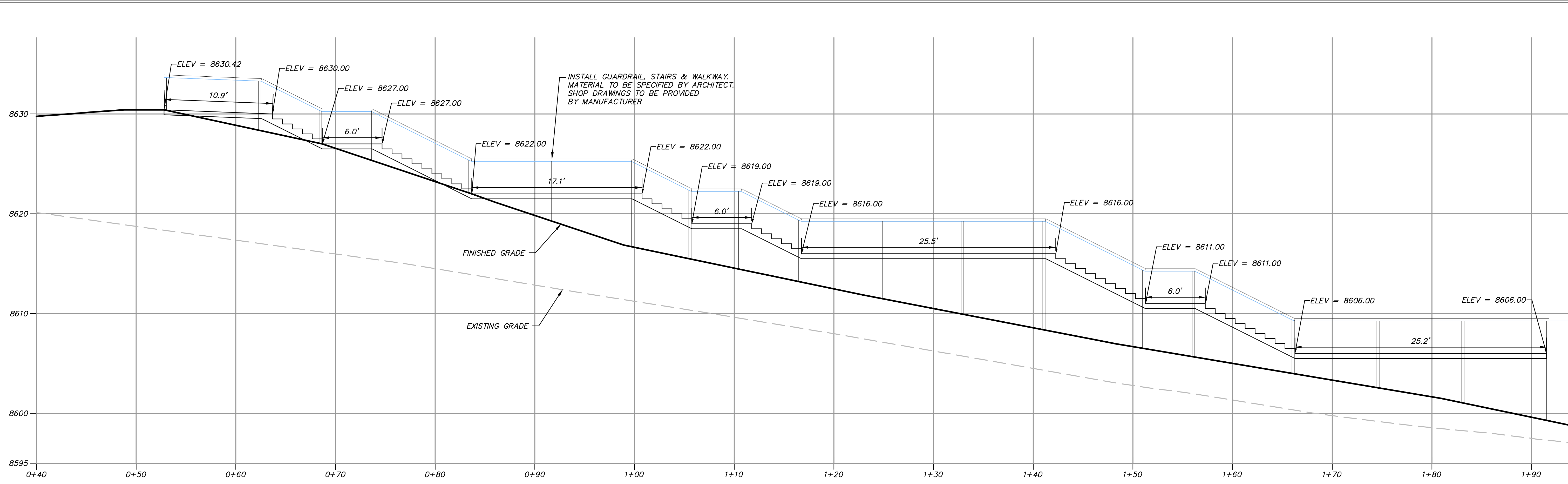
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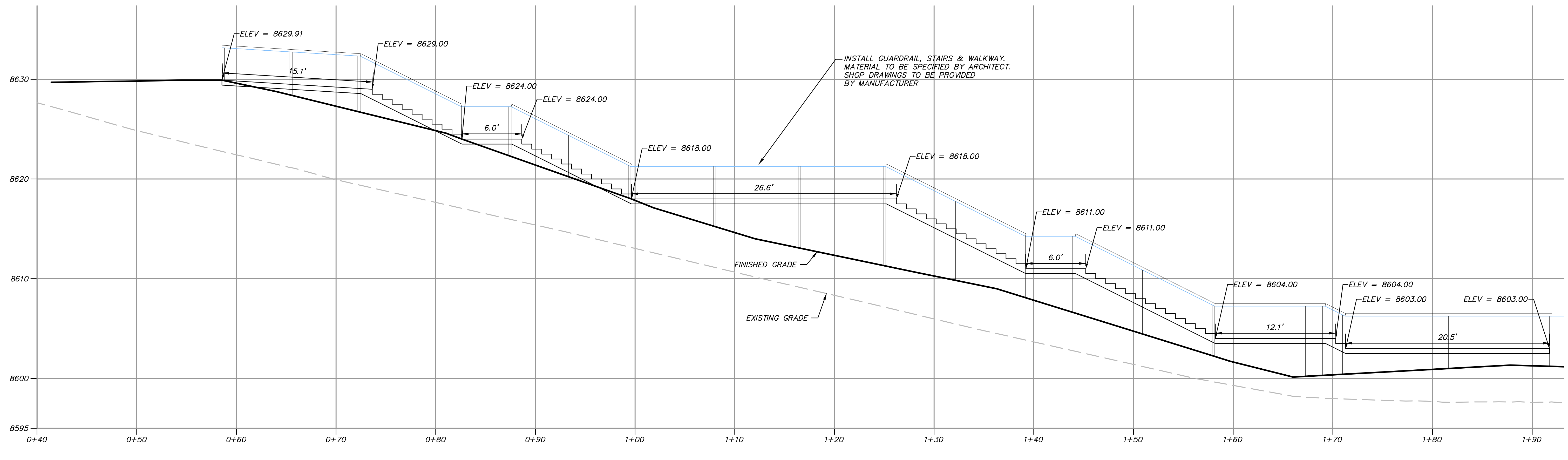
SHEET NUMBER
5.20

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

JOB NUMBER
SLB079306



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



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

NO.	BY	DATE	REVISIONS

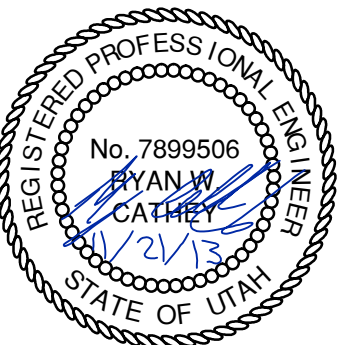
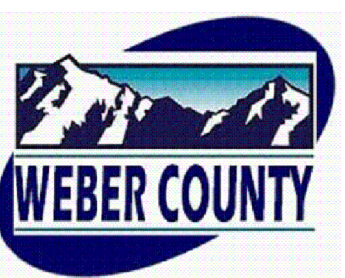
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SUMMIT EDEN RIDGE NESTS PRUD
STAIR & GUARDRAIL DETAILS

DATE SUBMITTED: 11/21/2013

PREPARED FOR: SUMMIT, LLC

NV5
 BEYOND ENGINEERING
 5217 SOUTH STATE STREET, SUITE 200
 MURRAY, UT 84107
 801.743.0300 TEL. 801.743.0300 FAX
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SHEET NUMBER
5.30

SCALE
 VERTICAL: 1" = 5'
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JOB NUMBER
SLB079306

ELECTRICAL SYMBOLS LEGEND

	SELECTOR SWITCH 2 POSITION		THERMAL OVERLOAD RELAY
	NORMALLY OPEN TIME DELAY CLOSING AFTER COIL ENERGIZED		DETAIL DESIGNATION
	NORMALLY CLOSED TIME DELAY OPENING AFTER COIL ENERGIZED		DETAIL CALL OUT
	INDICATOR LIGHT		SHEET REFERENCE
	REMOTE DEVICE CONNECTION		GROUND ROD
	CLOSED RELAY CONTACT		GROUND ROD IN GROUND WELL
	OPEN RELAY CONTACT		GROUND RISER FROM THE GROUND PLATE (REBAR)
	TERMINAL TO EXTERNAL REMOTE DEVICE		BOLTED AND WELDED GROUND CONNECTIONS, RESPECTIVELY
	WIRE TERMINAL OR CONNECTION POINT		GROUND CABLE: • EMBEDDED IN CONCRETE • BURIED IN EARTH • EXPOSED
	SINGLE PHASE MOTOR		CONDUIT EXPOSED
	MOTOR OVERLOAD RELAY		CONDUIT RUN UNDERGROUND OR IN CONCRETE
	LIMIT SWITCH		BARE COPPER WIRE IN SLAB OR UNDERGROUND GRID, SIZE AS NOTED
	CONTROL RELAY		TRANSFORMER W/ DELTA-Y AND GROUND
	TRANSFORMER		UTILITY METER
	SELECTOR SWITCH 3 POSITION MAINTAINED CONTACT		UTILITY CT
	LEVEL SWITCH CLOSING ON FALLING LEVEL		MOTOR, HORSEPOWER AS NOTED
	LEVEL SWITCH CLOSING ON RISING LEVEL		CIRCUIT BREAKER
	CONTROL SWITCH PUSHBUTTON, MOMENTARY CONTACT		ELECTRICAL PANEL
	GROUND CONNECTION		FUSE
	FRACTIONAL HP MOTOR		MOTOR STARTER NEMA SIZE AS NOTED
	CONTROL STATION		DISCONNECT SWITCH SIZE AS NOTED
	JUNCTION BOX		GFCI DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE		INCANDESCENT FIXTURE
	LIGHT FIXTURE TYPE AS INDICATED		POLE MOUNTED HID FIXTURE
	FUSED DISCONNECT		ELECTRICAL CONNECTION
	SINGLE LIGHT SWITCH		
	DISCONNECT UNFUSED SIZE NOTED		
	CONTACTOR/STARTER (NO. OF POLES SHOWN)		
	CIRCUIT BREAKER (NO. OF POLES SHOWN)		
	SOLENOID		
	FLOW SWITCH CLOSING ON LOW FLOW		
	PRESSURE SWITCH CLOSING ON RISING PRESSURE		

EQUIPMENT GROUNDING CONDUCTORS

FUSE OR CB SIZE	CB SIZE (COPPER)
15	14
20	12
30	10
40	10
60	10
100	8
200	6
300	4
400	3
500	2
600	1
800	1/0
1000	2/0
1200	3/0
1600	4/0
2000	250
2500	350

GROUNDING ELECTRODE CONDUCTOR SERVICE ENTRANCE OR SEPARATELY DERIVED SYSTEM

COPPER CONDUCTOR	WIRE SIZE
#2 OR SMALLER	#8
1 OR 1/0	#6
2/0 OR 3/0	#4
>3/0 THRU 350 KCMIL	#2
>350 KCMIL THRU 600 KCMIL	1/0

GENERAL NOTES:

1. VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS BEFORE BEGINNING ROUGH-IN. CONSULT ALL APPLICABLE CONTRACT DRAWINGS AND SHOP DRAWINGS TO ENSURE NEC CODE CLEARANCE REQUIRED AROUND ALL ELECTRICAL EQUIPMENT.
2. CONTRACTOR SHALL VERIFY ALL ELECTRICAL LOADS (VOLTAGE, PHASE, CONNECTION REQUIREMENTS, ETC.) OF EQUIPMENT FURNISHED BEFORE BEGINNING ROUGH-IN.
3. SEE APPLICABLE SHOP DRAWINGS FOR ROUGH-IN LOCATION OF ALL EQUIPMENT, WIRING DEVICES, ETC.
4. THE ELECTRICAL CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE MECHANICAL CONTRACTOR SUCH THAT NO PIPING, OR EQUIPMENT FOREIGN TO THE OPERATION OF THE ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THROUGH ELECTRICAL ROOMS OR SPACES; OR ABOVE OR BELOW ELECTRICAL EQUIPMENT IN THE OTHER AREAS.
5. ALL PENETRATIONS OF FLOORS, WALLS AND CEILINGS SHALL BE SEALED WITH APPROVED MATERIAL.
6. FOR PACKAGE EQUIPMENT PROVIDED ON THE PROJECT, SOME CONDUITS AND WIRES ARE SHOWN ON THE DRAWINGS, BUT IT IS EXPECTED THAT SOME ADDITIONAL CONDUITS AND WIRES MAY BE REQUIRED BY EQUIPMENT MANUFACTURERS TO COMPLETE INSTALLATION. IT IS INCUMBENT UPON THE GENERAL CONTRACTOR TO COORDINATE THIS REQUIREMENT WITH HIS SUBCONTRACTORS TO MAKE SURE THAT EQUIPMENT SUPPLIER PROVIDED ALL NECESSARY ELECTRICAL INFORMATION TO ELECTRICAL SUBCONTRACTOR FOR INCLUSION WHETHER SHOWN OR NOT SHOWN ON THE DRAWINGS.
7. IF OTHER THAN FIRST NAMED EQUIPMENT IS USED, IT SHALL BE CAREFULLY CHECKED FOR ELECTRICAL REQUIREMENTS AND CONTROL REQUIREMENTS OF ALTERNATE EQUIPMENT. SHOULD CHANGES OR ADDITIONS OCCUR IN ELECTRICAL WORK, OR THE WORK OF OTHER CONTRACTORS BE REVISED BY THE ALTERNATE EQUIPMENT, THE COST OF ALL CHANGES SHALL BE BORNE BY THE CONTRACTOR.
8. IT IS THE ELECTRICAL SUBCONTRACTOR'S RESPONSIBILITY TO DELIVER THE COMPLETE SET OF PLANS IN ORDER TO INSURE THAT ALL ITEMS RELATED TO ELECTRICAL POWER AND CONTROL SYSTEMS ARE COMPLETELY ACCOUNTED FOR.
9. ALL EQUIPMENT DIMENSIONS SHOWN ON PLANS AND ELEVATIONS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL USE THE SHOP DRAWINGS FOR PROPER LAYOUT, FOUNDATION AND PAD, ETC. FOR FINAL INSTALLATION WITHOUT ANY ADDITIONAL COST TO THE OWNER.
10. THE DRAWINGS DIAGRAMMATICALLY INDICATE THE DESIRED LOCATION AND ARRANGEMENT OF OUTLETS, CONDUIT RUNS, EQUIPMENT AND OTHERS ITEMS. DETERMINE EXACT LOCATIONS IN THE FIELD BASED ON PHYSICAL SIZE AND ARRANGEMENT OF EQUIPMENT, FINISHED ELEVATIONS, AND OTHERS OBSTRUCTIONS. LOCATIONS SHOWN ON THE DRAWINGS, HOWEVER, SHALL BE ADHERED TO AS CLOSELY AS POSSIBLE.

Bowen Collins & Associates, Inc.
CONSULTING ENGINEERS

NO.	DATE	REV. BY	DESCRIPTION

SUMMIT AT POWDER MOUNTAIN
VILLAGE NESTS
POWDER MOUNTAIN, VT

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

DESIGN: T. BIRD
DRAWN: D. LAMPH

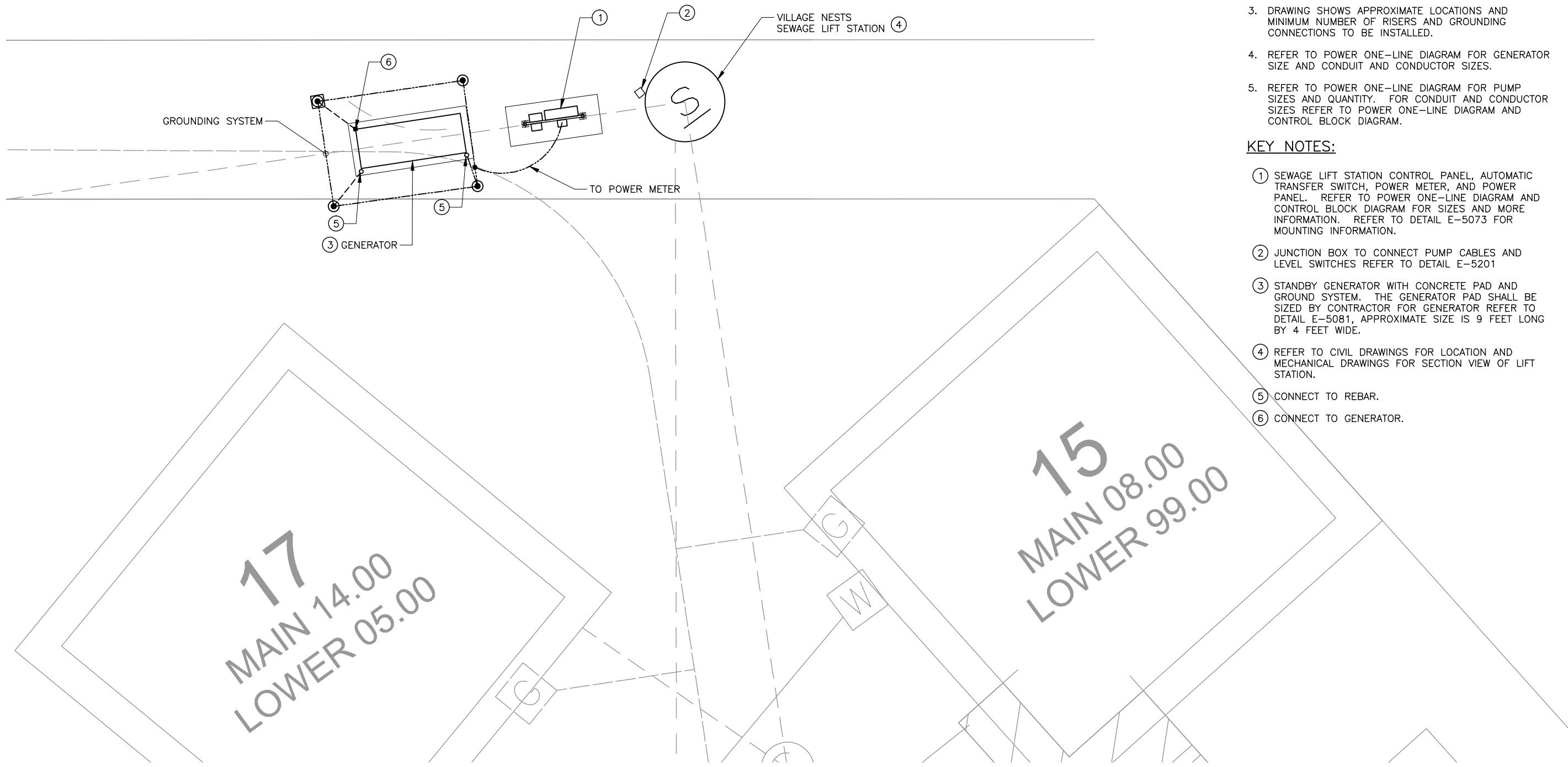
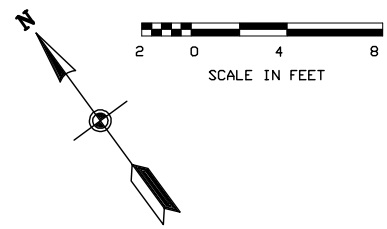
REVIEW: D. STEWART
CHECKED: D. STEWART
APPROVED: J. BECKMAN

ELECTRICAL
ELECTRICAL SYMBOLS AND NOTES

PROJECT NUMBER 347-13-01.01
DATE: NOVEMBER 2013

DRAWING NO.
E-1

SHEET 1 OF 5



GENERAL NOTES:

1. THE GROUNDING SYSTEM SHALL HAVE A GROUND RING OF 2/0 AWG BARE COPPER BURIED NOT LESS THAN 30" BELOW THE EARTH'S SURFACE. CONNECT REBAR TO THE GROUND RING VIA 2/0 AWG BARE COPPER GROUND CABLE (GROUND RISERS). EQUIPMENT AND MISCELLANEOUS METALWORK SHALL BE CONNECTED TO THE GROUND RING WITH 2/0 AWG BARE COPPER GROUND CABLE. 2/0 AWG CONDUCTOR FROM GROUND RING SHALL CONNECT TO GENERATOR, METER BASE, AND AUTOMATIC TRANSFER SWITCH. THE GROUND RING SHALL BE A MINIMUM OF 2 FEET FROM GENERATOR FOUNDATION WHERE POSSIBLE. REFER TO DETAILS E-5001, E-5002, E-5003.
2. DRAWING SHOWS TYPICAL LOCATIONS OF GROUNDING SYSTEM COMPONENTS.
3. DRAWING SHOWS APPROXIMATE LOCATIONS AND MINIMUM NUMBER OF RISERS AND GROUNDING CONNECTIONS TO BE INSTALLED.
4. REFER TO POWER ONE-LINE DIAGRAM FOR GENERATOR SIZE AND CONDUIT AND CONDUCTOR SIZES.
5. REFER TO POWER ONE-LINE DIAGRAM FOR PUMP SIZES AND QUANTITY. FOR CONDUIT AND CONDUCTOR SIZES REFER TO POWER ONE-LINE DIAGRAM AND CONTROL BLOCK DIAGRAM.

KEY NOTES:

- ① SEWAGE LIFT STATION CONTROL PANEL, AUTOMATIC TRANSFER SWITCH, POWER METER, AND POWER PANEL. REFER TO POWER ONE-LINE DIAGRAM AND CONTROL BLOCK DIAGRAM FOR SIZES AND MORE INFORMATION. REFER TO DETAIL E-5073 FOR MOUNTING INFORMATION.
- ② JUNCTION BOX TO CONNECT PUMP CABLES AND LEVEL SWITCHES REFER TO DETAIL E-5201
- ③ STANDBY GENERATOR WITH CONCRETE PAD AND GROUND SYSTEM. THE GENERATOR PAD SHALL BE SIZED BY CONTRACTOR FOR GENERATOR REFER TO DETAIL E-5081, APPROXIMATE SIZE IS 9 FEET LONG BY 4 FEET WIDE.
- ④ REFER TO CIVIL DRAWINGS FOR LOCATION AND MECHANICAL DRAWINGS FOR SECTION VIEW OF LIFT STATION.
- ⑤ CONNECT TO REBAR.
- ⑥ CONNECT TO GENERATOR.

Bowen Collins & Associates, Inc.
CONSULTING ENGINEERS

NO.	DATE	REV. BY	DESCRIPTION	REVISIONS

SUMMIT AT POWDER MOUNTAIN
VILLAGE NESTS
POWDER MOUNTAIN, VT

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

REVIEW: CHECKED D. STEWART, APPROVED J. BECKMAN

DESIGN: D. STEWART, DRAWN: D. LAMPH

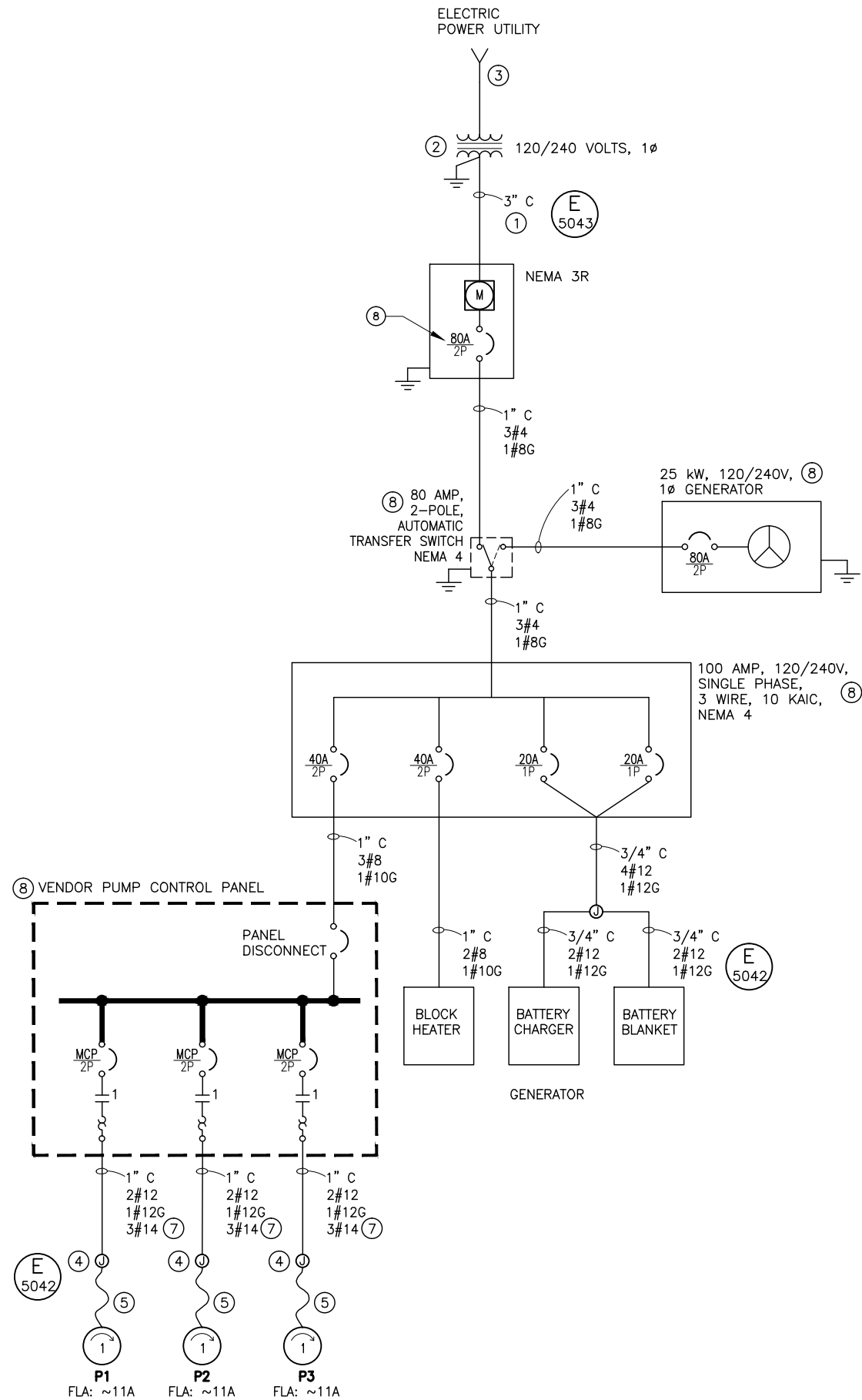
ELECTRICAL
**ELECTRICAL SITE PLAN
SEWAGE LIFT STATION
VILLAGE NESTS**

DATE: NOVEMBER 2013
PROJECT NUMBER 347-13-01.01

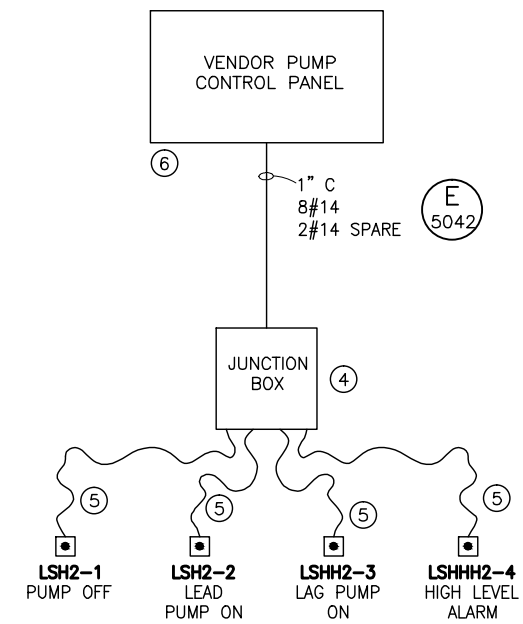
ELECTRICAL SITE PLAN SEWAGE LIFT STATION

DRAWING NO.
E-2

SHEET **2** OF **5**



POWER ONE-LINE DIAGRAM



CONTROL BLOCK DIAGRAM

GENERAL NOTES:

1. REFER TO SITE PLAN FOR EQUIPMENT LOCATION.

KEY NOTES:

- ① CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT IN ACCORDANCE WITH ROCKY MOUNTAIN POWER REQUIREMENTS. CONDUCTORS SHALL BE INSTALLED BY ROCKY MOUNTAIN POWER.
- ② PROVIDED AND INSTALLED BY ROCKY MOUNTAIN POWER.
- ③ PROVIDED AND INSTALLED BY DEVELOPER.
- ④ HAZARDOUS LOCATION JUNCTION BOX AND CONDUIT SEAL REFER TO DETAIL E-5201.
- ⑤ MANUFACTURER'S CABLE.
- ⑥ PROVIDE AND INSTALL AN INTRINSICALLY SAFE BARRIER FOR EACH LEVEL SWITCH. THE LEVEL SWITCHES SHALL BE MADE FOR LOW ENERGY CIRCUITS TO BE USED IN A HAZARDOUS LOCATION, ANCHOR SCIENTIFIC TYPE GSI - GOLD OR EQUAL.
- ⑦ 3#14 CONDUCTORS ARE FOR MOTOR ALARM SIGNALS.
- ⑧ VANDAL PROOF PADLOCKABLE ENCLOSURE.

Bowen Collins & Associates, Inc.
CONSULTING ENGINEERS

PROFESSIONAL ENGINEER
DOUGLAS MAX STEWART
NO. 173312
STATE OF UTAH
11-27-2013

NO.	DATE	REV. BY	DESCRIPTION	REVISIONS

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

REVIEW: CHECKED D. STEWART, APPROVED D. STEWART

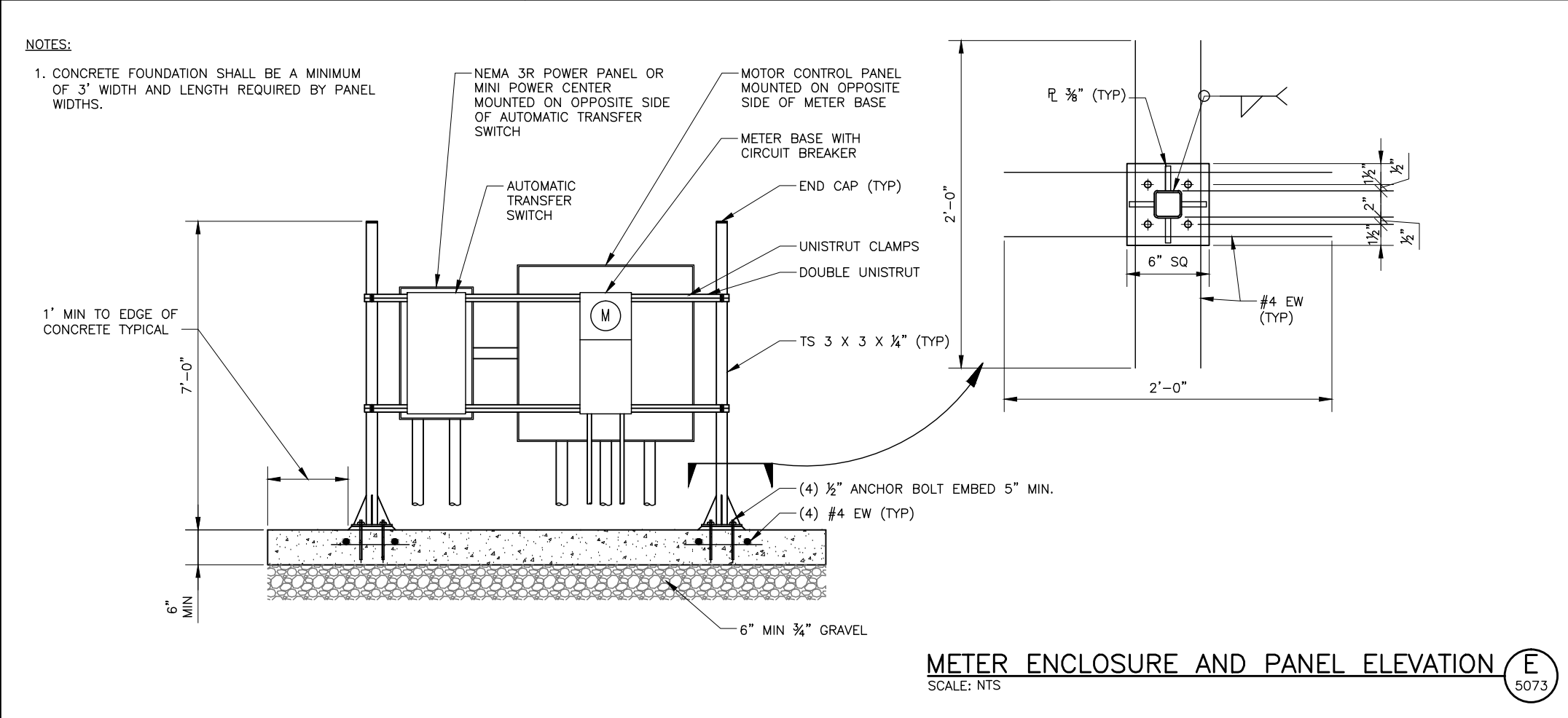
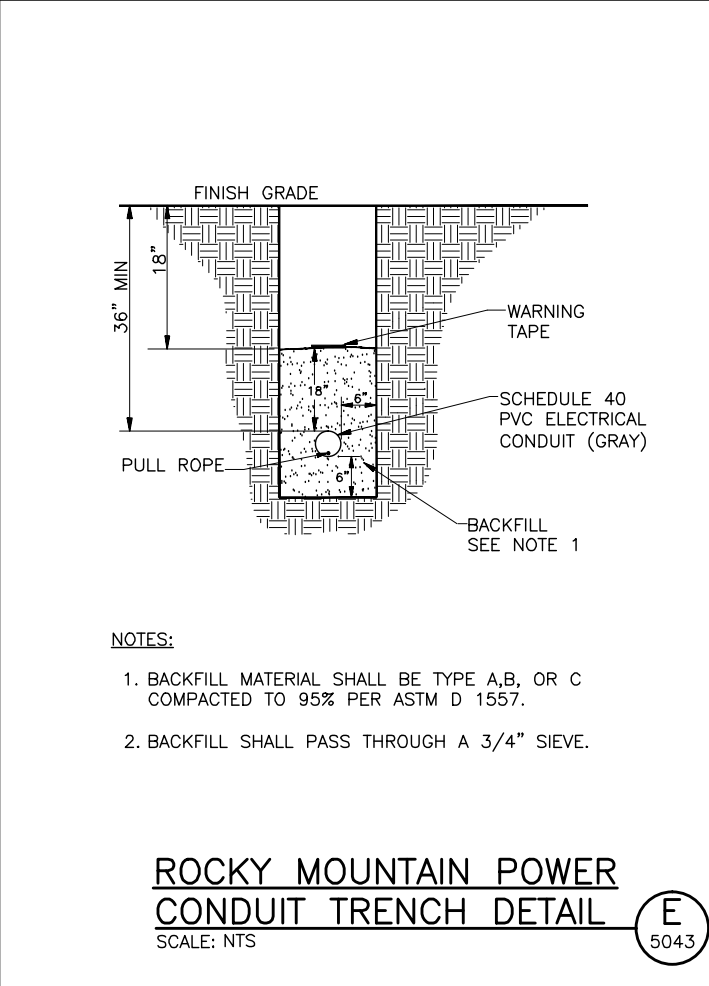
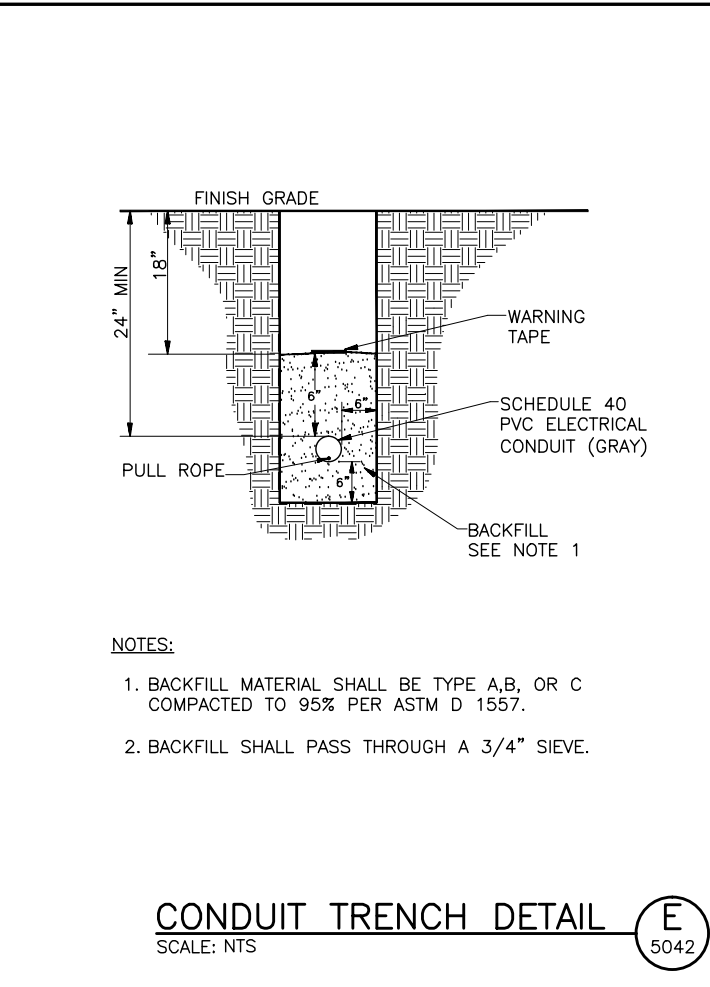
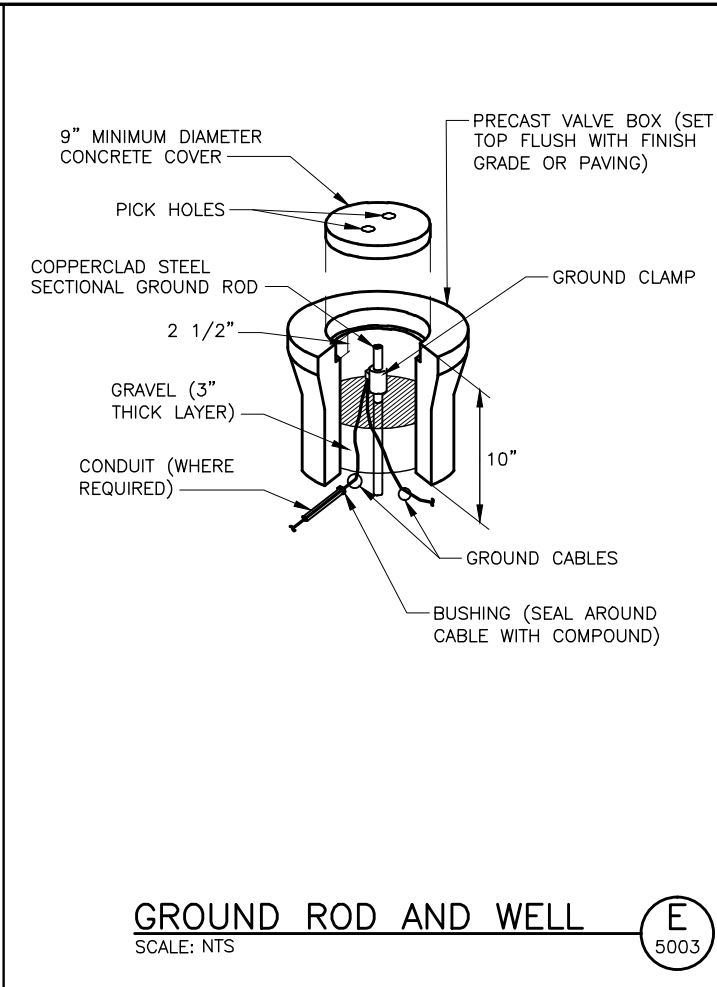
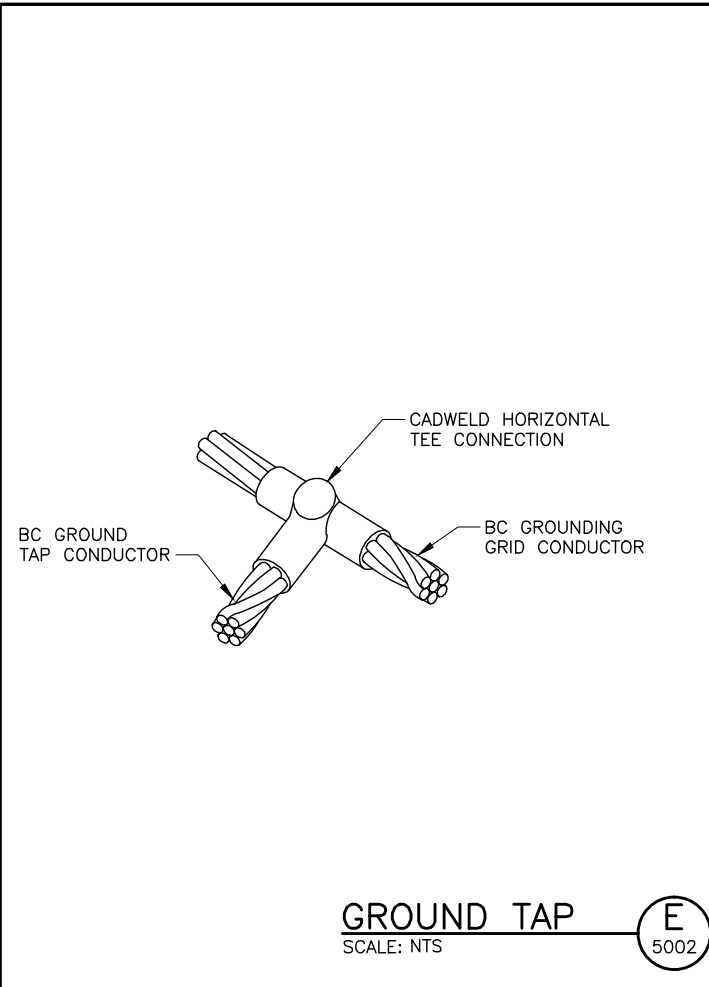
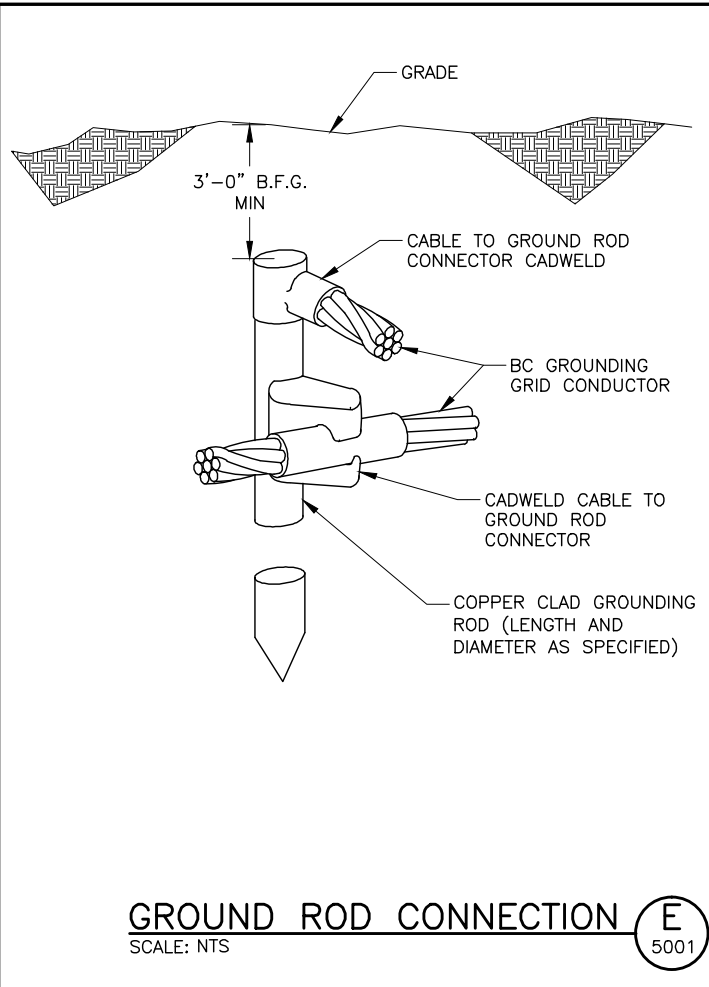
DESIGN: T. BIRD, DRAWN: D. LAMPH

SEWER LIFT STATION #1 POWER ONE-LINE DIAGRAM

DATE: NOVEMBER 2013 PROJECT NUMBER 347-13-01.01

DRAWING NO. **F-3**

SHEET **3** OF **5**



Bowen Collins & Associates, Inc.
CONSULTING ENGINEERS

NO.	DATE	REV. BY	DESCRIPTION	REVISIONS

VILLAGE NESTS
POWDER MOUNTAIN, UT

SUMMIT AT POWDER MOUNTAIN

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

DESIGN: T. BIRD
CHECKED: D. STEWART
APPROVED: J. BECKMAN

REVIEW

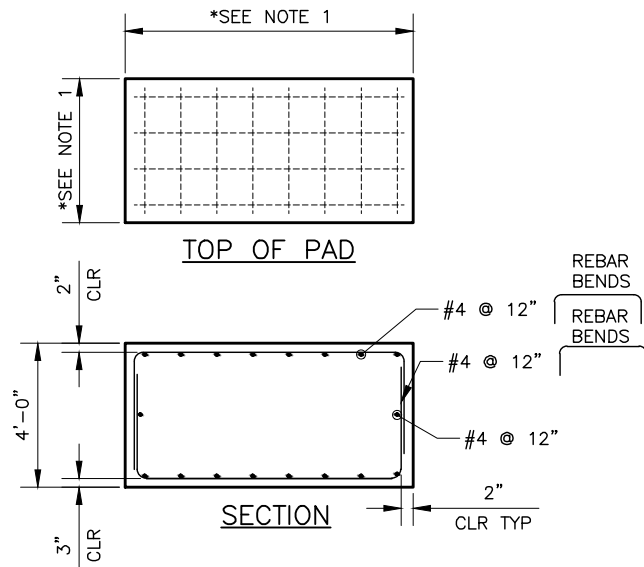
ELECTRICAL

ELECTRICAL DETAILS - 1

DATE: NOVEMBER 2013
PROJECT NUMBER: 347-13-01.01

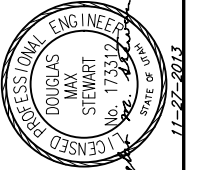
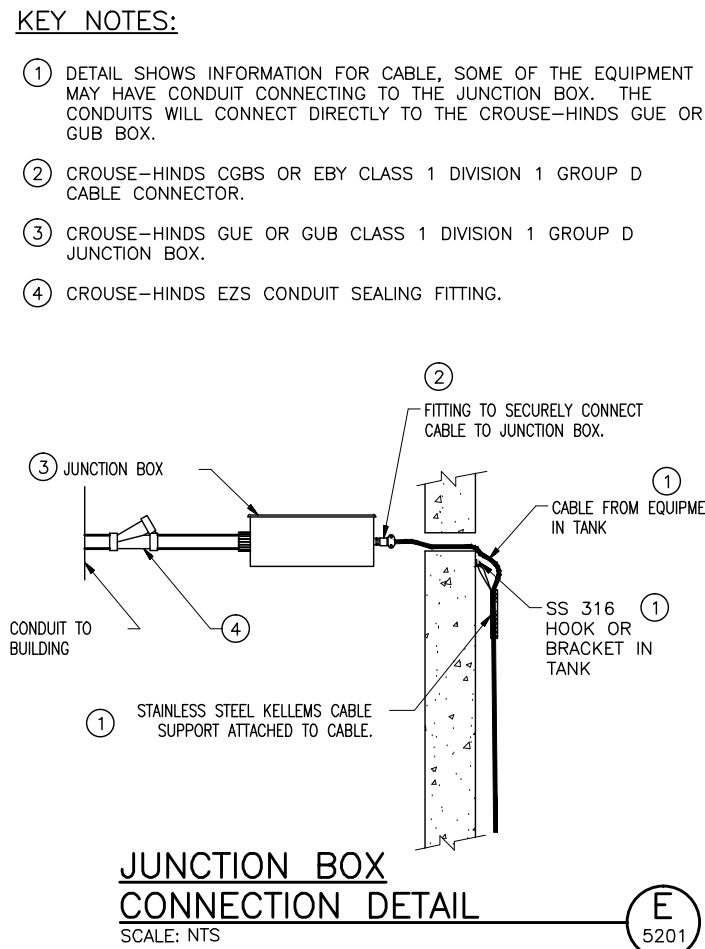
DRAWING NO.
GE-1

SHEET **4** OF **5**



NOTES:
 1. THE LENGTH AND WIDTH OF THE GENERATOR PAD WILL BE SIZED AS NEEDED TO ACCOMMODATE THE GENERATOR WITH AN ADDITIONAL EIGHT INCHES OF SPACE ON ALL SIDES. ANCHOR GENERATOR TO CONCRETE PAD WITH FOUR 5/8" EPOXY ANCHORS, MINIMUM 4" EMBEDDED INTO CONCRETE.

CONCRETE GENERATOR PAD (E) 5081
 SCALE: NTS



NO.	DATE	REV. BY	DESCRIPTION

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING

REVIEW
 CHECKED D. STEWART
 APPROVED J. BECKMAN

DESIGN
 DESIGN T. BIRD
 DRAWN D. LAMPH

ELECTRICAL
ELECTRICAL DETAILS - 2
 DATE: NOVEMBER 2013
 PROJECT NUMBER 347-13-01.01