

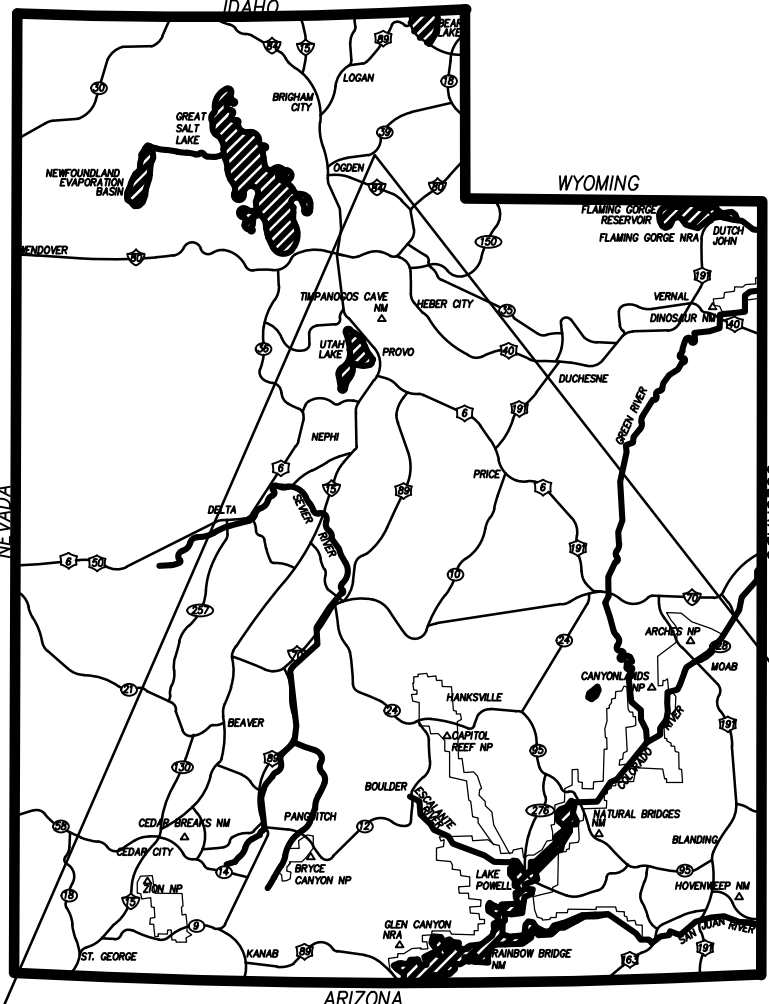
REVISIONS			
	DESCRIPTION	DATE	SHEETS AFFECTED

CHARLY'S ACRES SUBDIVISION

APPX. 500 SOUTH 8400 EAST

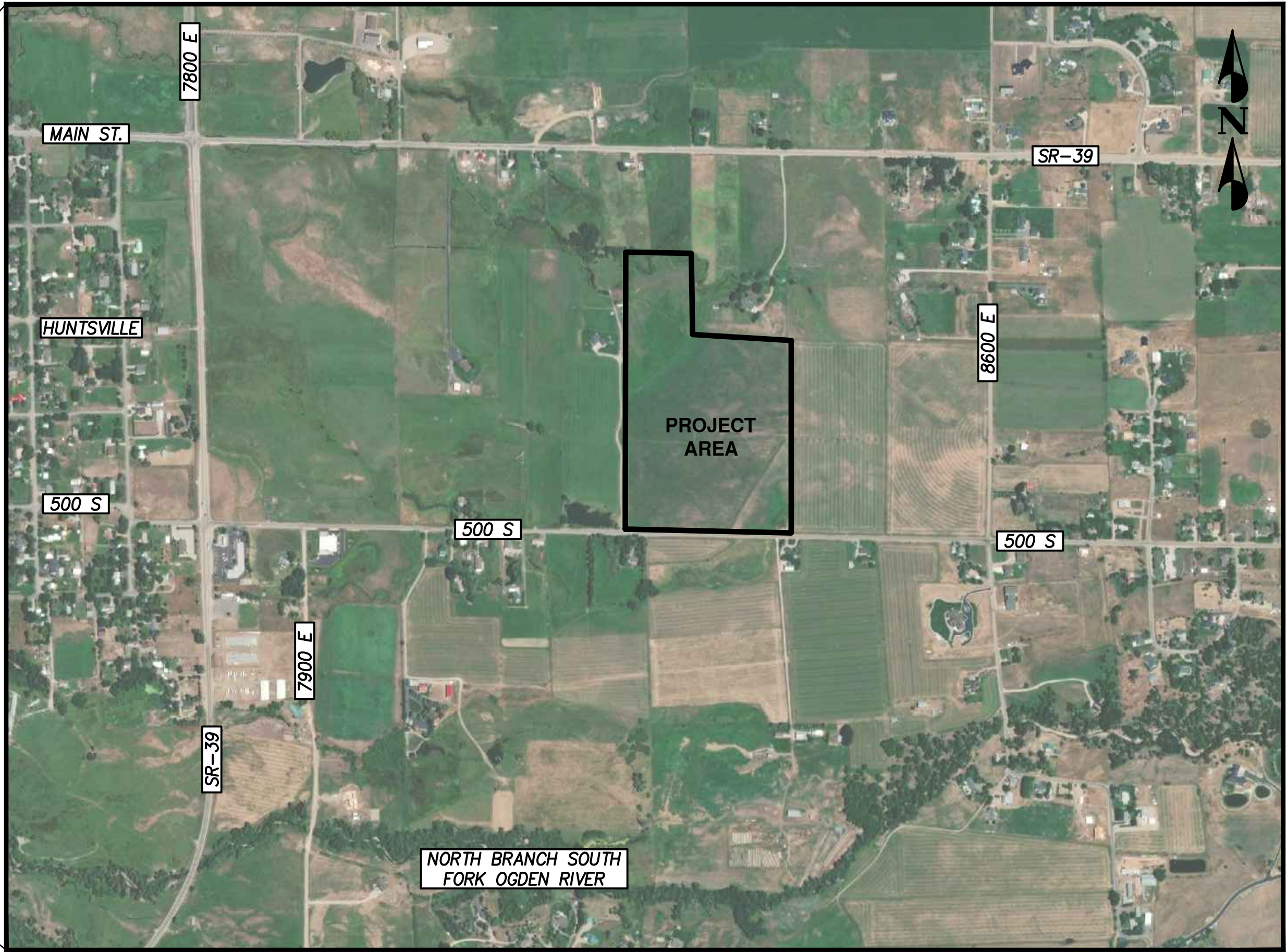
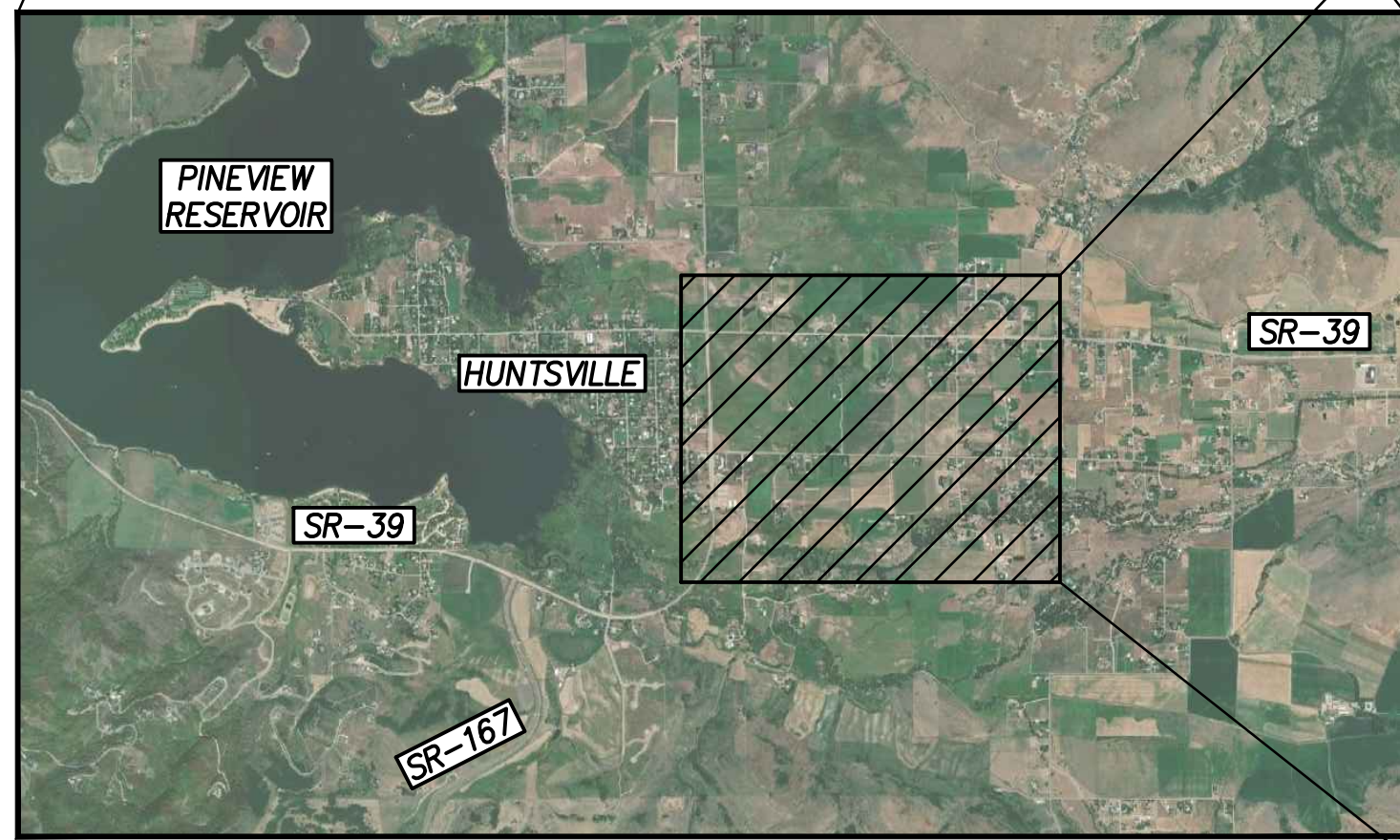
HUNTSMVILLE, UT

INDEX OF SHEETS	
C0.0	TITLE SHEET
C1.0	SITE PLAN
C2.0	PRIVATE ROAD PLAN & PROFILE
C3.0	EROSION CONTROL PLAN
C4.0	TYPICAL SECTIONS & DETAILS



LOCATED IN SECTION 17,
TOWNSHIP 16 NORTH, RANGE 2 EAST,
SALT LAKE BASE AND MERIDIAN

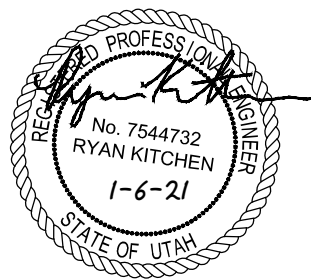
JANUARY 6, 2021



VICINITY MAP
NOT TO SCALE

CIVIL ENGINEER
PEPG CONSULTING, L.L.C.
CONTACT: RYAN KITCHEN (PROJECT ENGINEER)
AT (801) 562-2521

CLIENT
JEREMY KRAUSE
2166 EAST WILD PINE DRIVE
OGDEN, UTAH, 84403
PH: (801) 866-4809
EMAIL: JEREMYASAYKRAUSE@GMAIL.COM



PEPG CONSULTING L.L.C.
9270 SOUTH 300 WEST • SANDY, UT 84070
PHONE: (801) 562-2521 • FAX: (801) 562-2551

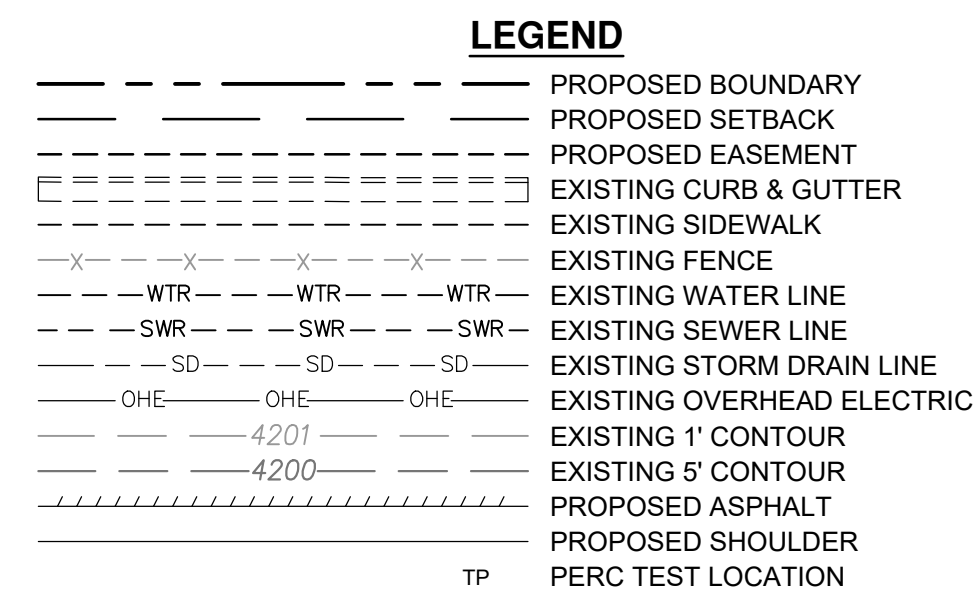
CIVIL ENGINEERING • LAND SURVEYING • PROJECT MANAGEMENT
GEOTECHNICAL • MATERIALS TESTING • INSPECTIONS

JANUARY 6, 2021
DATE:

1450.2010.DWG
PROJECT:

DWG\00-TITLE-01
FILE:

SHEET NO. **C0.0**



- ## **NOTES**
1. ALL WORK SHALL COMPLY WITH THE PROJECT PLANS, PROJECT SPECIFICATIONS, AND PROJECT GEOTECHNICAL ENGINEERING REPORT, WHICHEVER IS THE MOST STRINGENT.
 2. ALL STRIPING, PAVEMENT MARKINGS, AND SIGNAGE TO COMPLY WITH THE CURRENT M.U.T.C.D. EDITION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES OR LOCAL CODE, WHICHEVER IS MORE STRINGENT.
 3. CONTRACTOR IS RESPONSIBLE FOR PERFORMING WORK ON OR ADJACENT TO A PUBLIC ROAD TO PROVIDE, INSTALL, AND MAINTAIN APPROPRIATE TRAFFIC CONTROL DEVICES, AS WELL AS ANY ADDITIONAL TRAFFIC CONTROL DEVICES THAT MAY BE REQUIRED TO INSURE SAFE AND EFFICIENT MOVEMENT OF TRAFFIC AND PEDESTRIANS THROUGH OR AROUND THE WORK AREA AND TO PROVIDE MAXIMUM PROTECTION AND SAFETY TO ROAD WORKERS.
 4. DIMENSIONS FOR LAYOUT AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING. IF PERTINENT DIMENSIONS ARE NOT SHOWN CONTACT ENGINEER FOR CLARIFICATION.

[illegible]

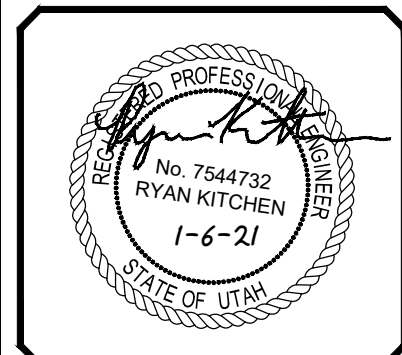
ORIG. DATE :	8/20
SURVEY BY :	PEPS CREW
DRAWN BY :	TRC\RPB
DESIGNED BY :	TRC
CHECKED BY :	RLK
SCALE :	1"=100'

PEPG CONSULTING LLC
9270 SOUTH 300 WEST • SANDY, UT 84070
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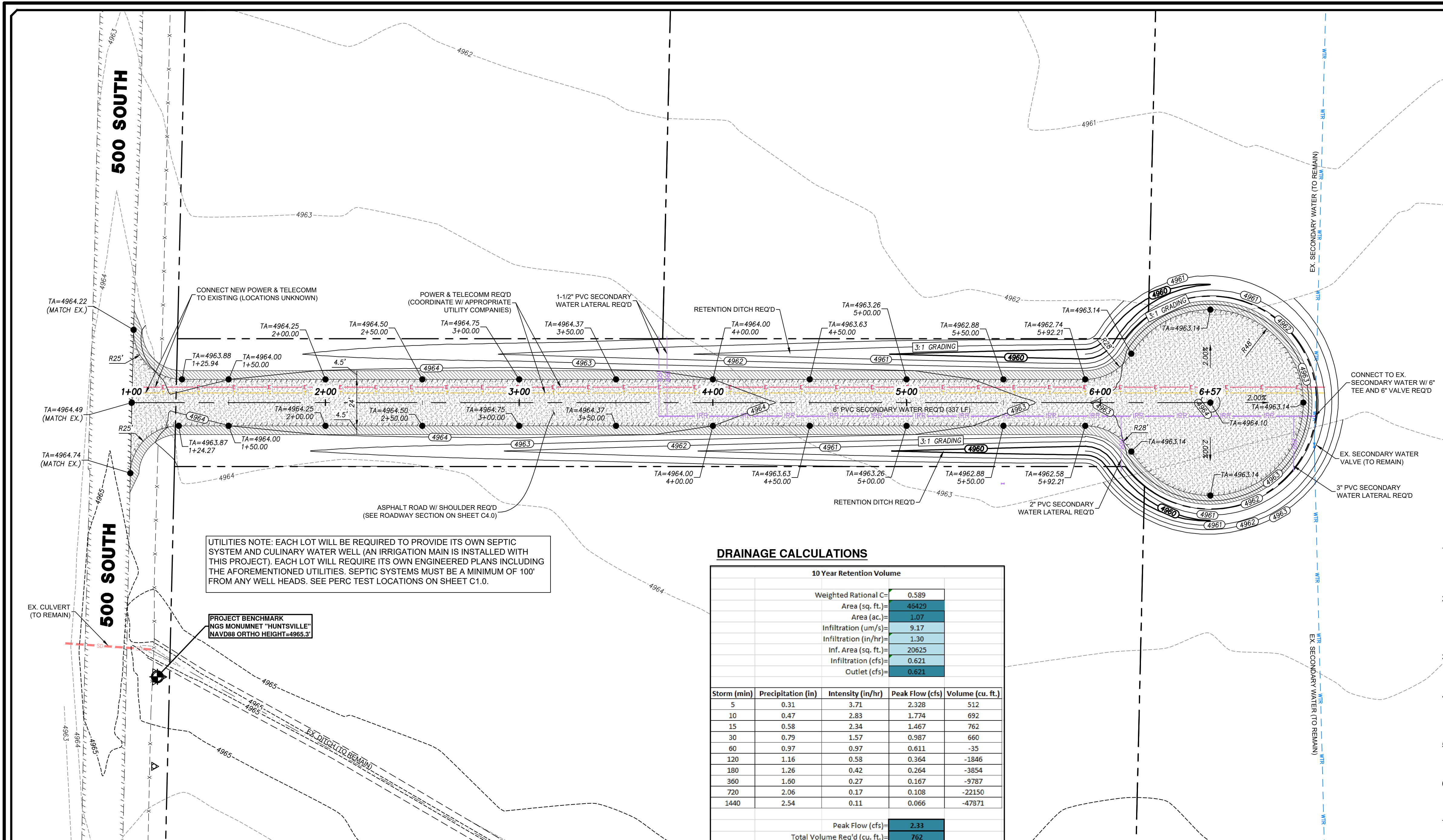
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GEO-TECHNICAL • MATERIALS TESTING • INSPECTIONS

CHARLY'S ACRES SUBDIVISION	
APPX. 500 SOUTH 8400 EAST	
<i>SITE</i>	
<i>PLAN</i>	
JANUARY 6, 2021	1450/2010
LAST REVISED	PROJECT NUMBER
	DWG'N - SITE
	DRAWING FILE

HUNTSVILLE
CITY



SHEET NO. **C1.0**

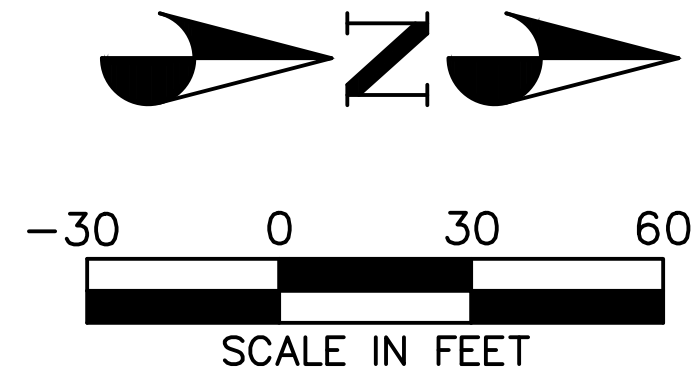
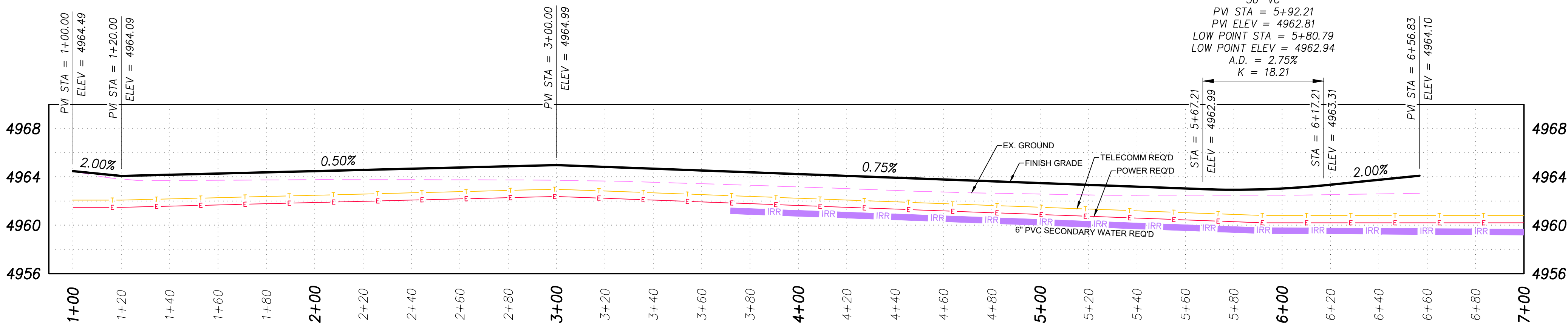


UTILITIES NOTE: EACH LOT WILL BE REQUIRED TO PROVIDE ITS OWN SEPTIC SYSTEM AND CULINARY WATER WELL (AN IRRIGATION MAIN IS INSTALLED WITH THIS PROJECT). EACH LOT WILL REQUIRE ITS OWN ENGINEERED PLANS INCLUDING THE AFOREMENTIONED UTILITIES. SEPTIC SYSTEMS MUST BE A MINIMUM OF 100' FROM ANY WELL HEADS. SEE PERC TEST LOCATIONS ON SHEET C1.0.

PROJECT BENCHMARK
NGS MONUMENT "HUNTSVILLE"
NAVD88 ORTHO HEIGHT = 4965.3'

DRAINAGE CALCULATIONS

10 Year Retention Volume				
Weighted Rational C=		0.589		
Area (sq. ft.)=		46429		
Area (ac.)=		1.07		
Infiltration (in/hr)=		9.17		
Infiltration (in/hr)=		1.30		
Inf. Area (sq. ft.)=		20625		
Infiltration (cfs)=		0.621		
Outlet (cfs)=		0.621		
Storm (min)	Precipitation (in)	Intensity (in/hr)	Peak Flow (cfs)	Volume (cu. ft.)
5	0.31	3.71	2.328	512
10	0.47	2.83	1.774	692
15	0.58	2.34	1.467	762
30	0.79	1.57	0.987	660
60	0.97	0.97	0.611	-35
120	1.16	0.58	0.364	-1846
180	1.26	0.42	0.264	-3854
360	1.60	0.27	0.167	-9787
720	2.06	0.17	0.108	-22150
1440	2.54	0.11	0.066	-47871
Peak Flow (cfs)=		2.33		
Total Volume Req'd (cu. ft.)=		762		
Retention Volume Req'd (cu. ft.)=		762		
Retention Volume Provided (cu. ft.)=		17077		



- LEGEND**
- PROPOSED BOUNDARY
 - EXISTING CURB & GUTTER
 - EXISTING SIDEWALK
 - EXISTING FENCE
 - EXISTING WATER LINE
 - EXISTING SEWER LINE
 - EXISTING STORM DRAIN LINE
 - EXISTING OVERHEAD ELECTRIC
 - EXISTING 1' CONTOUR
 - EXISTING 5' CONTOUR
 - PROPOSED TELECOMM LINE
 - PROPOSED POWER LINE
 - PROPOSED SECONDARY WATER
 - PROPOSED 1' CONTOUR
 - PROPOSED 5' CONTOUR
 - PROPOSED ASPHALT
 - PROPOSED SHOULDER

NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH GOVERNING AGENCY STANDARDS AND SPECIFICATIONS. IN THE ABSENCE OF PROJECT STANDARD AND SPECIFICATIONS APWA STANDARD AND SPECIFICATIONS SHALL GOVERN.
- CONTRACTOR SHALL RETAIN AND PROTECT ALL EXISTING IMPROVEMENTS UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE TO REPAIR ALL SIDEWALK, PAVEMENT, GRAVEL, UTILITIES, LANDSCAPING, IRRIGATION, FENCING AND EXISTING IMPROVEMENTS DAMAGED AS PART OF CONSTRUCTION.
- ALL WORK SHALL COMPLY WITH THE PROJECT PLANS, PROJECT SPECIFICATIONS, AND PROJECT GEOTECHNICAL ENGINEERING REPORT, WHICHEVER IS THE MOST STRINGENT.
- THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL GRADE THE PROJECT SITE TO PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND EXISTING ASPHALT, CURB AND GUTTER, AND ADJOINING SITE IMPROVEMENTS.
- IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT BLUE STAKES OF UTAH PRIOR TO STARTING ANY ACTIVITIES. ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATIONS ONLY.
- EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THEN EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE. ENSURE ALL OSHA STANDARDS ARE FOLLOWED.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES AMPLE MEANS AND DEVICES WITH WHICH TO REMOVE PROMPTLY AND TO PROPERLY DISPOSE OF ALL WATER ENTERING THE TRENCH EXCAVATION.
- CONTRACTOR SHALL INSTALL THRUST BLOCKING AT ALL WATERLINE ANGLE POINTS AND TEES (SEE DETAIL-4 ON SHEET C4.0).



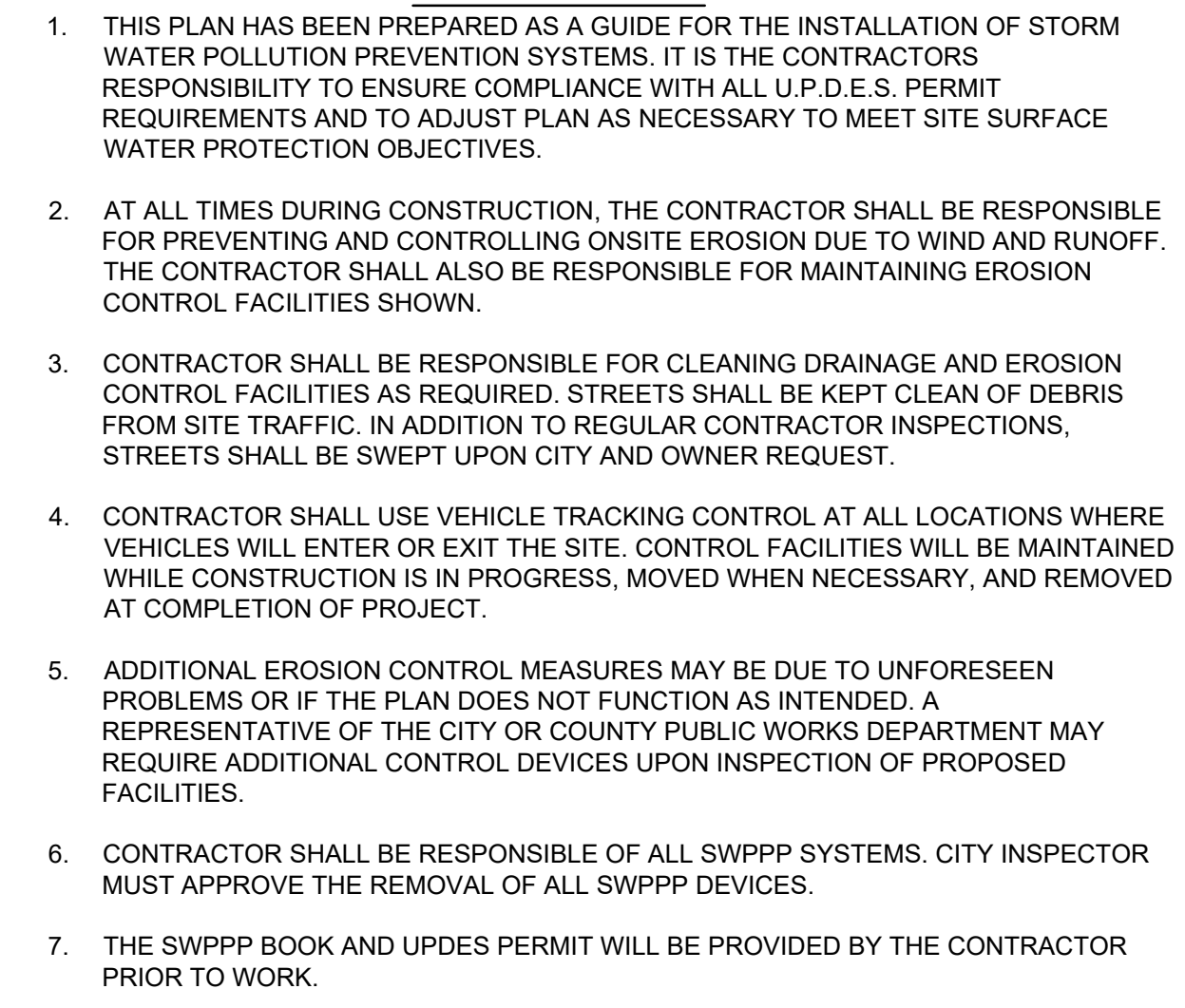
PEPG CONSULTING LLC
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CHARLY'S ACRES SUBDIVISION
APPX. 500 SOUTH 8400 EAST
PRIVATE ROAD
PLAN & PROFILE
JANUARY 6, 2021
LAST REVISED
1450 2010
PROJECT NUMBER
DWG 02-GRADING PL/PR
DRAWING FILE

HUNTSVILLE
CITY

PROFESSIONAL SEAL
No. 7544732
RYAN KITCHEN
1-6-21
STATE OF UTAH

SHEET NO. **C2.0**



SHEET NO. **C3.0**



1. **GENERAL**
 - A. Description. A temporary stabilized pad of gravel for controlling equipment and construction vehicle access to the site.
 - B. Application. At any site where vehicles and equipment enter the public right of way.
2. **PRODUCT** (Not used)
3. **EXECUTION**
 - A. Clear and grub area and grade to provide maximum slope of 1 percent away from paved roadway.
 - B. Compact subgrade.
 - C. Place filter fabric under stone if desired (recommended for entrance area that remains more than 3 months).
 - D. Maintenance.
 - 1) Prevent tracking or flow of mud into the public right-of-way.
 - 2) Periodic top dressing with 2-inch stone may be required, as conditions demand, and repair any structures used to trap sediments.
 - 3) Inspect daily for loss of gravel or sediment buildup.
 - 4) Inspect adjacent area for sediment deposit and install additional controls as necessary.
 - 5) Expand stabilized area as required to accommodate activities.

DETAIL-3
STABILIZED ROADWAY ENTRANCE
(SEE APWA STANDARD DRAWING 126)



DETAIL-4
THRUST BLOCK
(SEE APWA STANDARD DRAWING 561)



DETAIL-5
SECONDARY WATER ISOLATION VALVE
(SEE APWA STANDARD DRAWING 635)

DETAIL-6
XX
XX



ORIG. DATE :	8/20
SURVEY BY :	PEPG CREW
DRAWN BY :	TRC\RPB
DESIGNED BY :	TRC
CHECKED BY :	RLK
SCALE :	1"=1'

PEPG CONSULTING LLC

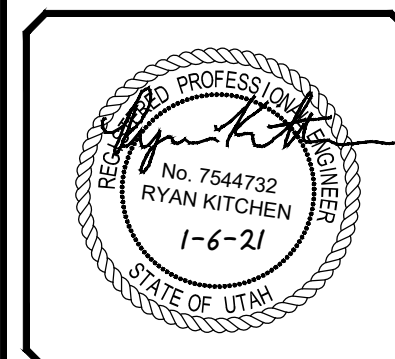
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CHARLY'S ACRES SUBDIVISION
APPX. 500 SOUTH 8400 EAST

TYPICAL SECTIONS & DETAILS

JANUARY 6, 2021	1450.2010	DWG\04-DETAIL
LAST REVISED	PROJECT NUMBER	DRAWING FILE

HUNTSVILLE
CITY



SHEET NO. **C4.0**