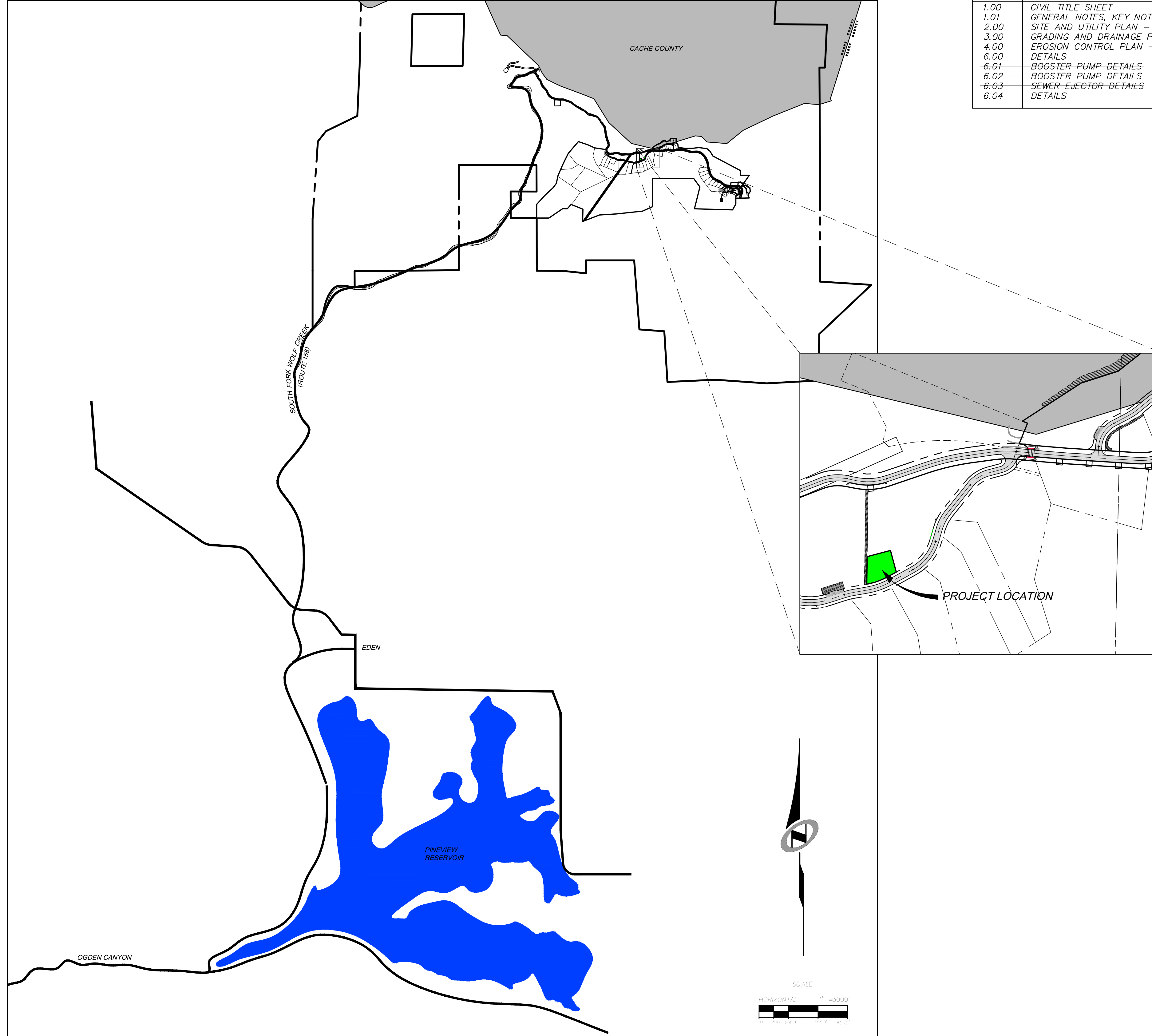


HORIZON NEIGHBORHOOD PRUD AT SUMMIT POWDER MOUNTAIN UNITS 3 & 4 CONSTRUCTION DRAWINGS

Located in Sec 08 T7N R2E
Weber County, Utah



SHEET INDEX:

SHEET NO.	SHEET DESCRIPTION
1.00	CIVIL TITLE SHEET
1.01	GENERAL NOTES, KEY NOTES, AND LEGEND
2.00	SITE AND UTILITY PLAN - WEST
3.00	GRADING AND DRAINAGE PLAN - WEST
4.00	EROSION CONTROL PLAN - OVERALL
6.00	DETAILS
6.01	BOOSTER PUMP-DETAILS NOT USED IN THIS SET
6.02	BOOSTER PUMP-DETAILS NOT USED IN THIS SET
6.03	SEWER-EJECTOR-DETAILS NOT USED IN THIS SET
6.04	DETAILS

DATE: 10/26/16 TIME: 10:58:46 AM DRAWING NAME: 100 - CIVIL TITLE SHEETING
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 P:\1530-24-08\HORIZON_NA\AS\UNITS\SLB0793.DWG PROJ. MGR: ###

BACKMAN
XREFS:

HORIZON NEIGHBORHOOD PRUD
UNITS 3 & 4
CIVIL TITLE SHEET

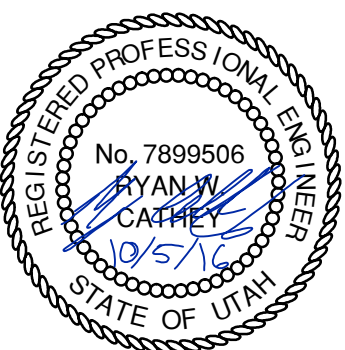
DATE SUBMITTED: 10-05-2016

PREPARED FOR: SUMMIT POWDER MOUNTAIN

MURRAY, UT 8407
WWW.NV5.COM

NV5

6217 SOUTH STATE STREET, SUITE 200
801743.8000 TEL. 801743.0900 FAX



SHEET NUMBER
1.00

SCALE
VERTICAL: 1" = N/A
HORIZONTAL: 1" = 3000'

JOB NUMBER
SLB0793



CAUTION
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NO.	BY	DATE	REVISIONS

SEWER INFORMATION

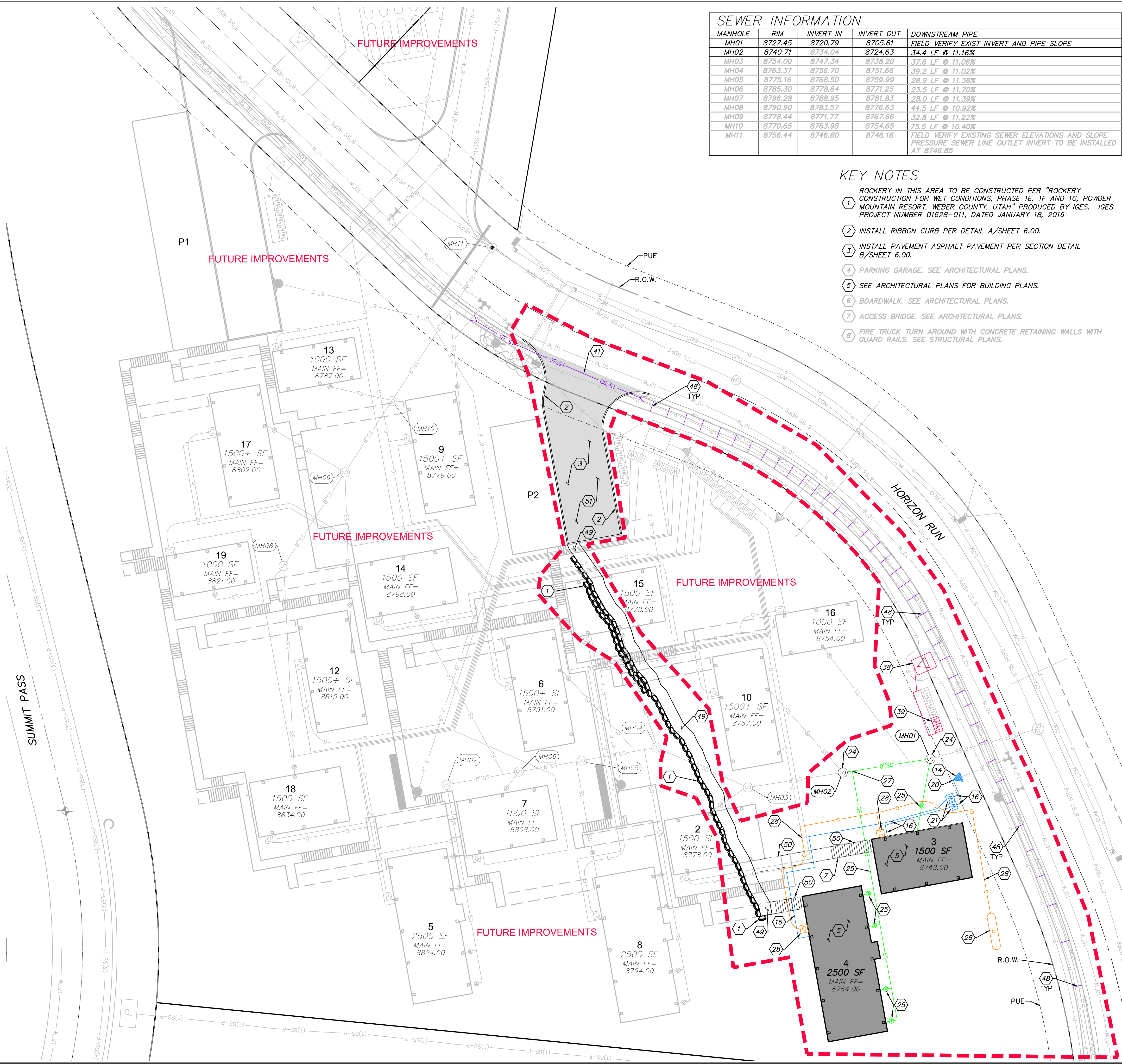
MANHOLE	RIM	INVERT IN	INVERT OUT	DOWNSTREAM PIPE
MH01	8727.45	8720.79	8705.81	FIELD VERIFY EXIST INVERT AND PIPE SLOPE
MH02	8740.71	8734.04	8724.63	34.4 LF @ 11.16%
MH03	8754.00	8747.34	8738.20	37.6 LF @ 11.06%
MH04	8763.37	8756.70	8751.66	39.2 LF @ 11.02%
MH05	8775.16	8768.50	8759.99	28.9 LF @ 11.38%
MH06	8785.30	8778.64	8771.25	23.5 LF @ 11.70%
MH07	8796.28	8788.95	8781.83	28.0 LF @ 11.39%
MH08	8790.90	8783.57	8776.63	44.5 LF @ 10.92%
MH09	8778.44	8771.77	8767.66	32.8 LF @ 11.22%
MH10	8770.65	8763.98	8754.65	75.5 LF @ 10.40%
MH11	8756.44	8746.80	8746.18	FIELD VERIFY EXISTING SEWER ELEVATIONS AND SLOPE PRESSURE SEWER LINE OUTLET INVERT TO BE INSTALLED AT 8746.65

KEY NOTES

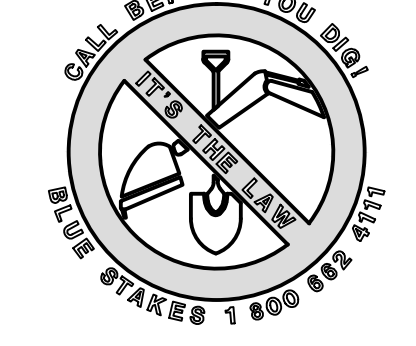
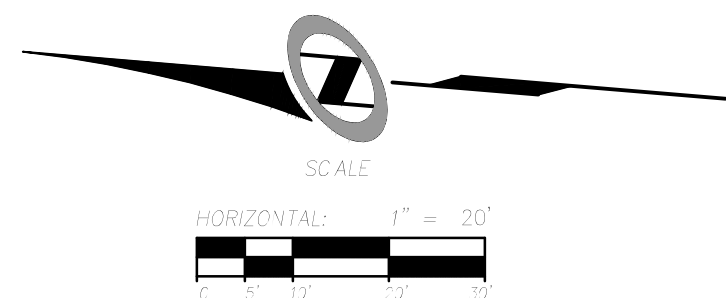
- ROCKERY IN THIS AREA TO BE CONSTRUCTED PER "ROCKERY CONSTRUCTION FOR WET CONDITIONS, PHASE 1E. 1F AND 1G, POWDER MOUNTAIN RESORT, WEBER COUNTY, UTAH" PRODUCED BY IGES. IGES PROJECT NUMBER 01628-011, DATED JANUARY 18, 2016
- INSTALL RIBBON CURB PER DETAIL A/SHEET 6.00.
- INSTALL PAVEMENT ASPHALT PAVEMENT PER SECTION DETAIL B/SHEET 6.00.
- PARKING GARAGE. SEE ARCHITECTURAL PLANS.
- SEE ARCHITECTURAL PLANS FOR BUILDING PLANS.
- BOARDWALK. SEE ARCHITECTURAL PLANS.
- ACCESS BRIDGE. SEE ARCHITECTURAL PLANS.
- FIRE TRUCK TURN AROUND WITH CONCRETE RETAINING WALLS WITH GUARD RAILS. SEE STRUCTURAL PLANS.

KEY NOTES (CONT)

- CONNECT TO WATER MAINLINE WITH 8" HOT TAP.
- INSTALL 8"x6"x8" TEE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- INSTALL 8" GATE VALVE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- INSTALL 8" 11.25" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- INSTALL 8" 22.5" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- CONNECT TO EXISTING 8" WATER STUB WITH 8"x6" REDUCER WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- INSTALL 8" 90° BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- INSTALL 1 1/2" SERVICE LATERAL PER APWA STANDARD PLAN NO. 552 AND DETAIL D, SHEET 6.00.
- INSTALL 6" 11.25" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- INSTALL 6" 22.5" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- INSTALL 6" 45" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- INSTALL 6" 90° BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- CONSTRUCT 3/4" METER PER APWA STANDARD PLAN NO. 522.
- INSTALL FIRE DEPARTMENT CONNECTION. COORDINATE WITH WEBER COUNTY FIRE MARSHAL.
- INSTALL STAND PIPE. COORDINATE WITH WEBER COUNTY FIRE MARSHAL.
- INSTALL 4" SANITARY SEWER MANHOLE PER APWA STANDARD PLAN NO. 411 WITH DEEP DROP INLET PER APWA STANDARD PLAN NO. 433.
- INSTALL 4" SANITARY SEWER LATERAL AND CLEANOUT PER APWA STANDARD PLAN NO. 431 AND DETAIL D, SHEET 6.00.
- ELECTRICAL POWER CONDUIT FROM EXISTING GENERATOR AT LIFT STATION TO BOOSTER PUMP VAULT FOR BACKUP POWER. SEE BOWEN COLLINS ELECTRICAL PLANS.
- WYE CONNECT TO 8" SEWER LINE.
- GAS PIPES, METERS, AND STORAGE TANKS (1,000 GAL) TO BE EXCAVATED AND TRENCHED BY CONTRACTOR. INSTALLATION BY OTHERS.
- FIRE CACHE. SEE ARCHITECTURAL PLANS.
- INSTALL FIRE HYDRANT ASSEMBLY PER APWA STANDARD PLAN NO. 511.
- PROPANE TANK PIT PER DETAIL C/SHEET 6.00.
- INSTALL 5" SANITARY SEWER MANHOLE PER APWA STANDARD PLAN NO. 411.
- INSTALL 4" SANITARY SEWER MANHOLE PER APWA STANDARD PLAN NO. 411.
- INSTALL BOOSTER PUMP VAULT PER DETAIL SHEETS 6.02.
- INSTALL 2" SERVICE LATERAL PER APWA STANDARD PLAN NO. 552.
- INSTALL 8"x8" TEE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- CONNECT TO EXISTING BACKUP GENERATOR. SEE BOWEN COLLINS ELECTRICAL PLANS.
- ELECTRICAL POWER CONDUIT, TRANSFORMERS AND PULL BOXES. SEE SALMON ELECTRICAL PLANS.
- POWER METER BASE AND MAIN CIRCUIT BREAKER, SEE DETAIL X, SHEET 6.01. SEE SALMON ELECTRICAL PLANS.
- BOOSTER PUMP VAULT ELECTRICAL EQUIPMENT. SEE BOWEN COLLINS ELECTRICAL PLANS.
- INSTALL RCP CLASS 3 CULVERT WITH FLARED END SECTIONS TO MATCH EXISTING FLOWLINE OF DRAINAGE CHANNEL.
- INSTALL 6"x2" REDUCER WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- INSTALL E/ONE GRINDER PUMP STATION MODEL DH071. WITH E/ONE SENTRY ALARM PANEL INCLUDING GENERATOR RECEPTACLE WITH AUTO TRANSFER AND GFCI RECEPTACLE. ALARM PANELS SHALL BE INSTALLED WITHIN LINE OF SIGHT OF ENTRY TO UNIT. SEE DETAIL SHEET 6.03.
- INSTALL E/ONE GRINDER PUMP STATION MODEL DH151. WITH E/ONE SENTRY ALARM PANEL INCLUDING GENERATOR RECEPTACLE WITH AUTO TRANSFER AND GFCI RECEPTACLE. ALARM PANELS SHALL BE INSTALLED WITHIN LINE OF SIGHT OF ENTRY TO UNIT. SEE DETAIL SHEET 6.03.
- CONSTRUCT CONCRETE RETAINING WALL WITH GUARDRAIL. SEE STRUCTURAL PLANS.
- WYE CONNECT 1.5" SEWER PIPE
- CONSTRUCT 4' WIDE x 1' DEEP DRAINAGE SWALE. LINE SWALE WITH D50=6" RIP RAP.
- INSTALL CHECK DAM PER DETAIL A, SHEET 6.04. CHECK DAMS TO BE INSTALLED AT EVERY 12" IN ELEVATION RISE AS SHOWN ON PLAN.
- CONSTRUCT 5' WIDE TEMPORARY WALKING PATH WITH 4" OF BASE COURSE.
- CONSTRUCT 5' WIDE TEMPORARY BOARDWALK AND STAIRS PER ARCHITECTURAL PLANS. ABANDON TEMPORARY BOARDWALK AND STAIRS WHEN PERMANENT BOARDWALK AND BRIDGES ARE INSTALLED.
- TEMPORARY PARKING FOR UNITS 3 & 4 UNTIL GARAGE IS CONSTRUCTED IN NEXT PHASE. UP TO 4 PARKING STALLS.



HORIZON NEIGHBORHOOD PRUD
 UNITS 3 & 4
 SITE AND UTILITY PLAN
 PREPARED FOR: SUMMIT POWDER MOUNTAIN
 DATE SUBMITTED: 10-05-2016
 MURRAY, UT 84007
 WWW.NV5.COM
 6217 SOUTH STATE STREET, SUITE 200
 8017433800 TEL. 8017433800 FAX
 REGISTERED PROFESSIONAL ENGINEER
 No. 7899506
 RYAN W. CATHEY
 STATE OF UTAH
 SHEET NUMBER
2.00
 SCALE
 VERTICAL: 1" = N/A
 HORIZONTAL: 1" = 20'
 JOB NUMBER
SLB0793



DATE: 10/07/16 TIME: 8:48:52 AM DRAWING NAME: GRADING AND DRAINAGE PLAN/DWG
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 P:\IN\80793\CADD\HORIZON WALLACE\DWG\SLB0793.DWG PROJ. NO.: 80793

BACKMAN
 XREFS:



ABBREVIATIONS:

BC	BUILDING
BK	BOARDWALK
BS	BOTTOM OF STAIRS
BW	BOTTOM OF WALL
EX	EXISTING
FG	FINISHED GRADE
PA	EDGE OF PATH
TC	TOP OF CURB
TS	TOP OF STAIRS
TW	TOP OF WALL

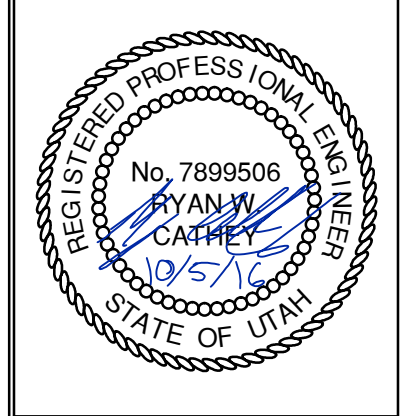
NO.	BY	DATE	REVISIONS

CAUTION
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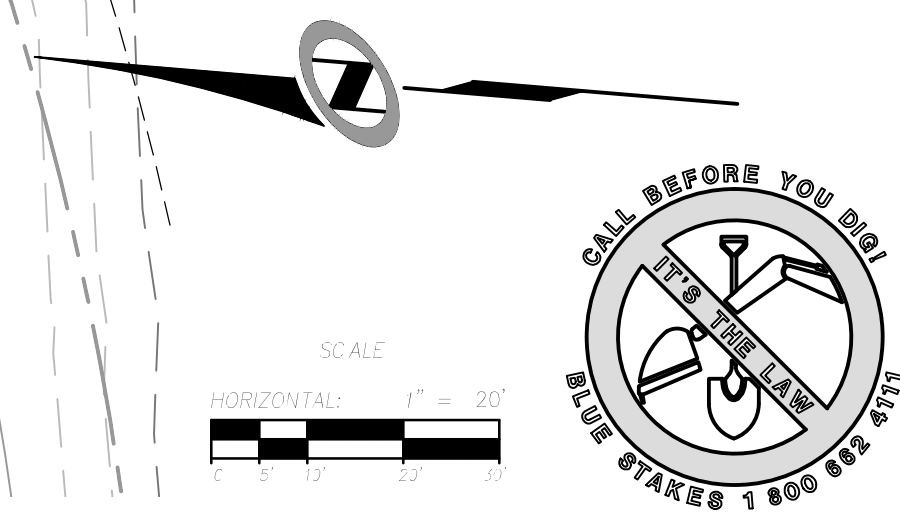
HORIZON NEIGHBORHOOD PRUD
UNITS 3 & 4
GRADING AND DRAINAGE PLAN

PREPARED FOR: SUMMIT POWDER MOUNTAIN
 MURRAY, UT 84007
 WWW.NV5.COM

NV5
 6217 SOUTH STATE STREET, SUITE 200
 801743-8800 TEL. 801743-0800 FAX

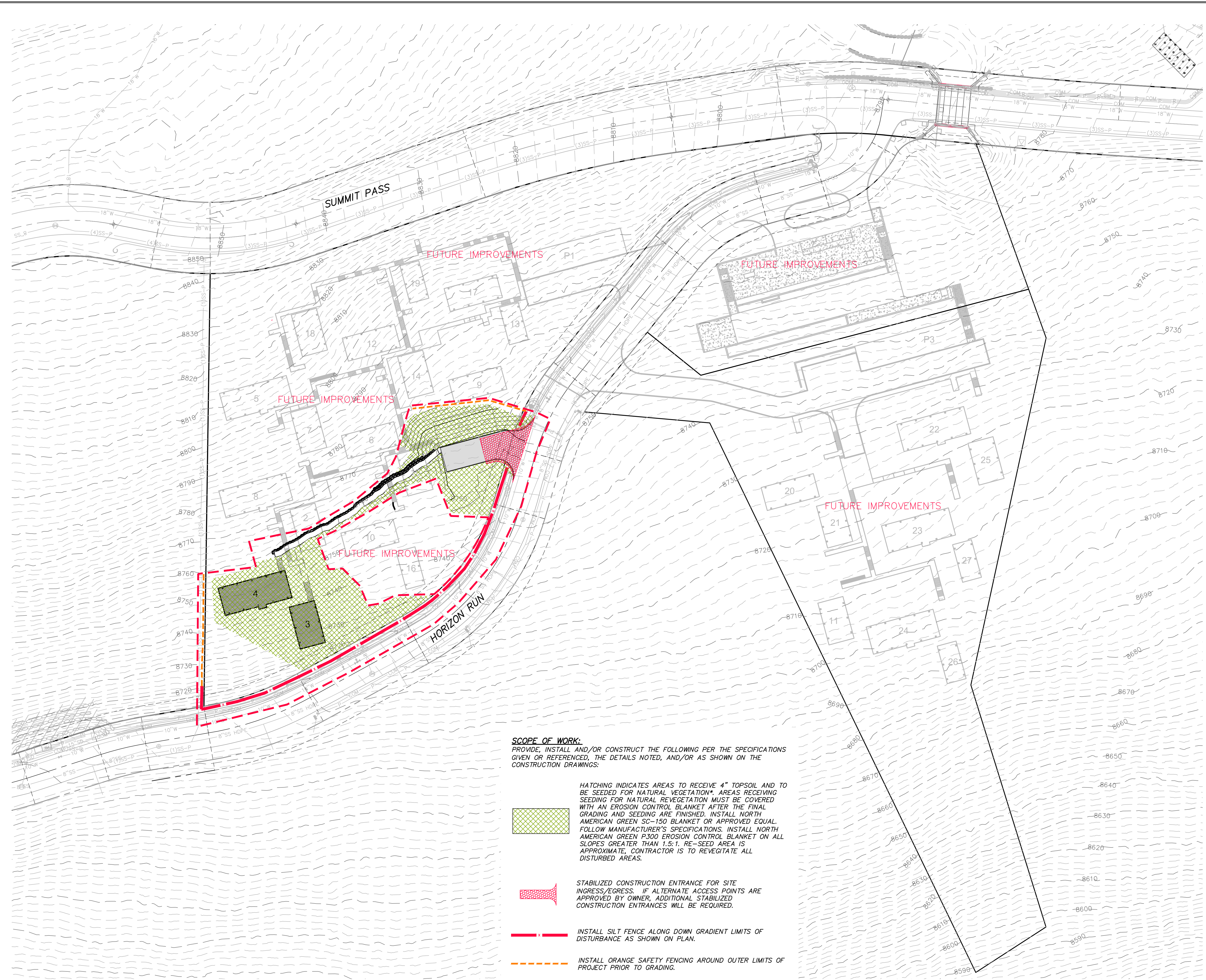


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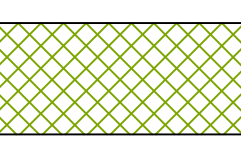
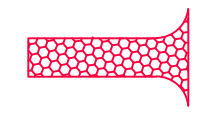




DATE SUBMITTED: 10-05-2016

DATE: 10/06/16 TIME: 8:45:14 AM DRAWING NAME: EROSION CONTROL PLAN - OVERALL LAYOUT
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 PLOT: P:\PROJECTS\2016\EROSION CONTROL PLAN - OVERALL LAYOUT1.dwg PLOT DATE: 10/06/16 PLOT TIME: 8:45:14 AM PLOT USER: JMM



SCOPE OF WORK:
 PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

- 
 HATCHING INDICATES AREAS TO RECEIVE 4" TOPSOIL AND TO BE SEED FOR NATURAL VEGETATION*. AREAS RECEIVING SEEDING FOR NATURAL VEGETATION 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. RE-SEED AREA IS APPROXIMATE. CONTRACTOR IS TO REVEGITATE ALL DISTURBED AREAS.
- 
 STABILIZED CONSTRUCTION ENTRANCE FOR SITE INGRESS/EGRESS. IF ALTERNATE ACCESS POINTS ARE APPROVED BY OWNER, ADDITIONAL STABILIZED CONSTRUCTION ENTRANCES WILL BE REQUIRED.
- 
 INSTALL SILT FENCE ALONG DOWN GRADIENT LIMITS OF DISTURBANCE AS SHOWN ON PLAN.
- 
 INSTALL ORANGE SAFETY FENCING AROUND OUTER LIMITS OF PROJECT PRIOR TO GRADING.

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

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

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

HORIZON NEIGHBORHOOD PRUD
 UNITS 3 & 4
 EROSION CONTROL PLAN

PREPARED FOR: SUMMIT POWDER MOUNTAIN
 DATE SUBMITTED: 10-05-2016

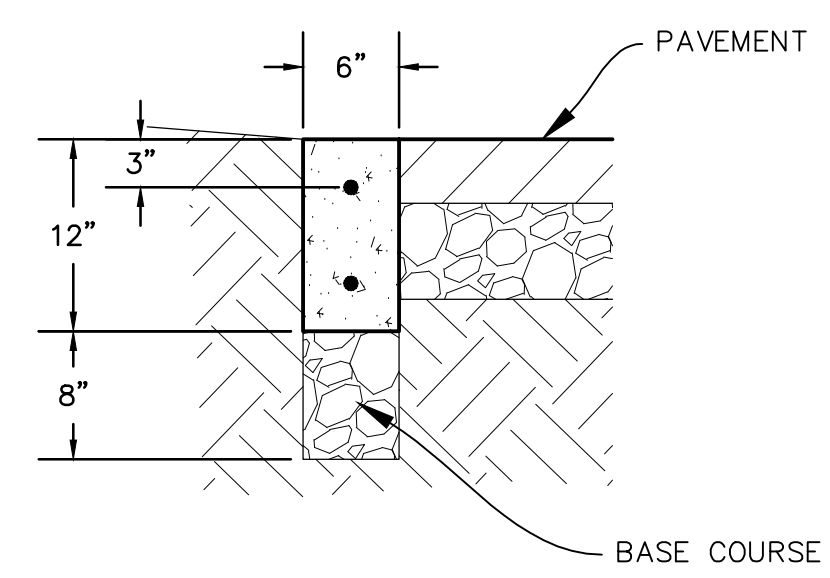
MURRAY, UT 84007
 WWW.NV5.COM
 6217 SOUTH STATE STREET, SUITE 200
 801743.8000 TEL. 801743.0800 FAX

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

SHEET NUMBER
4.00

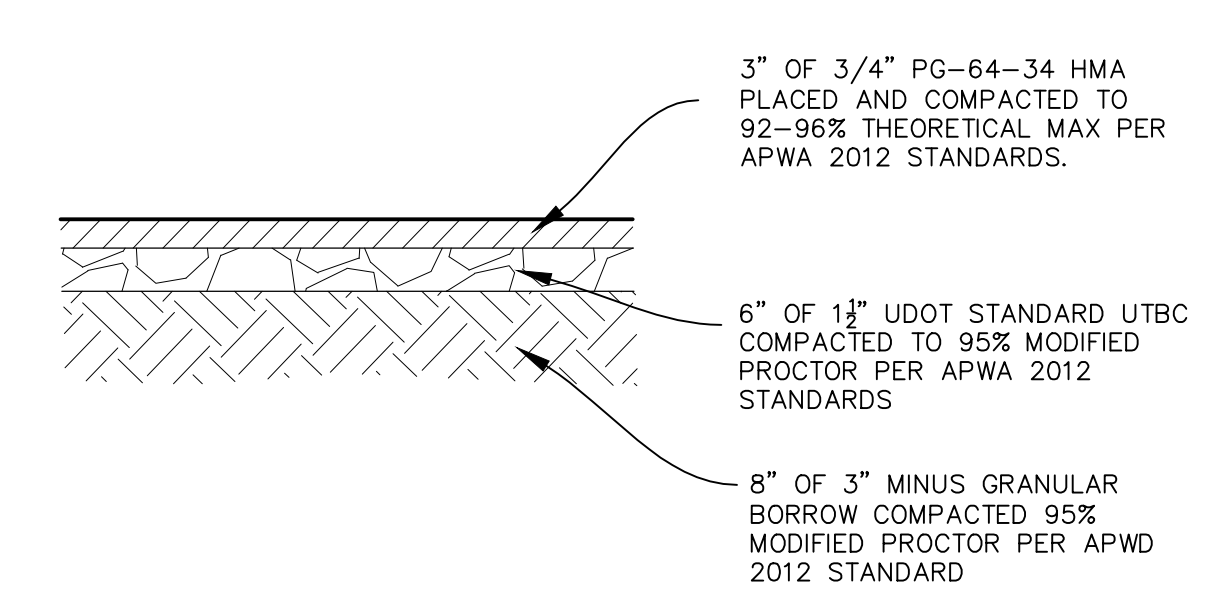
JOB NUMBER
SLB0793

CAUTION
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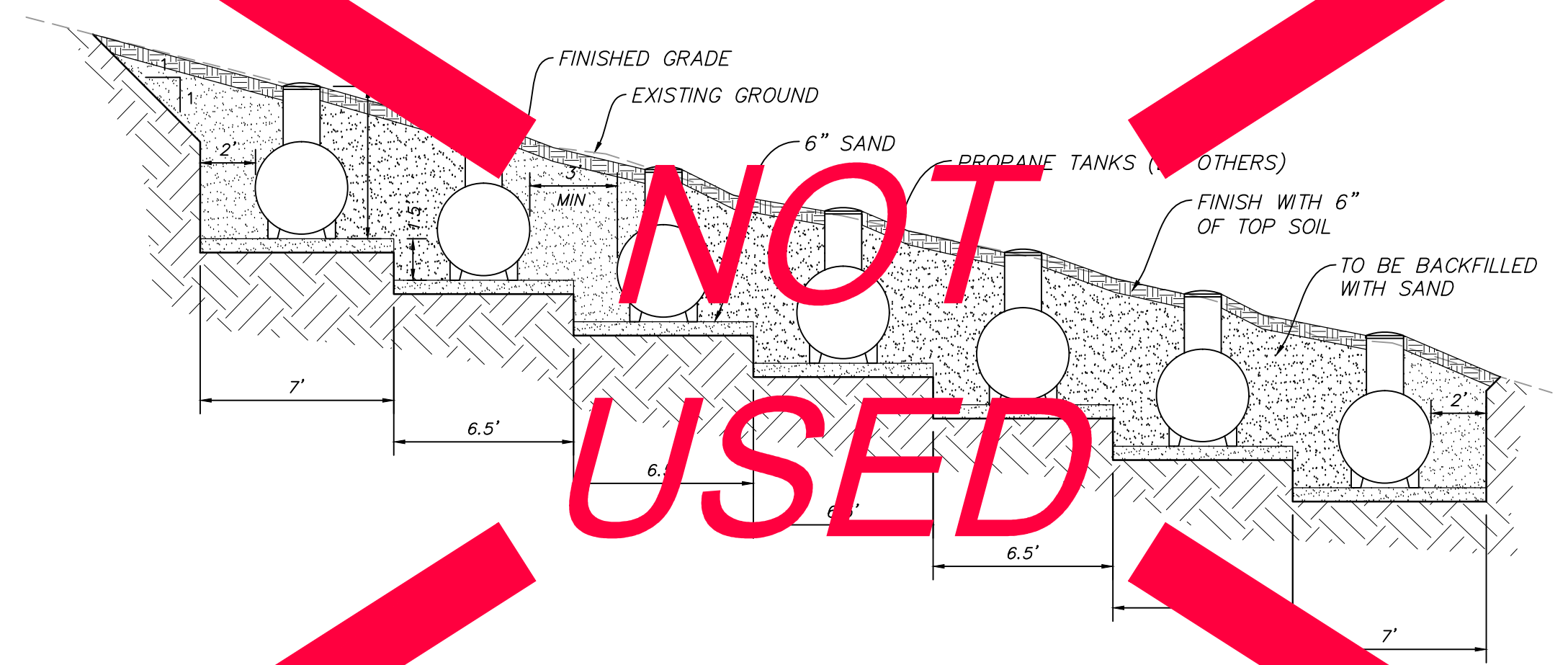
RIBBON CURB
(MODIFIED TYPE P CURB)

(A)
NTS



PARKING ASPHALT SECTION

(B)
NTS

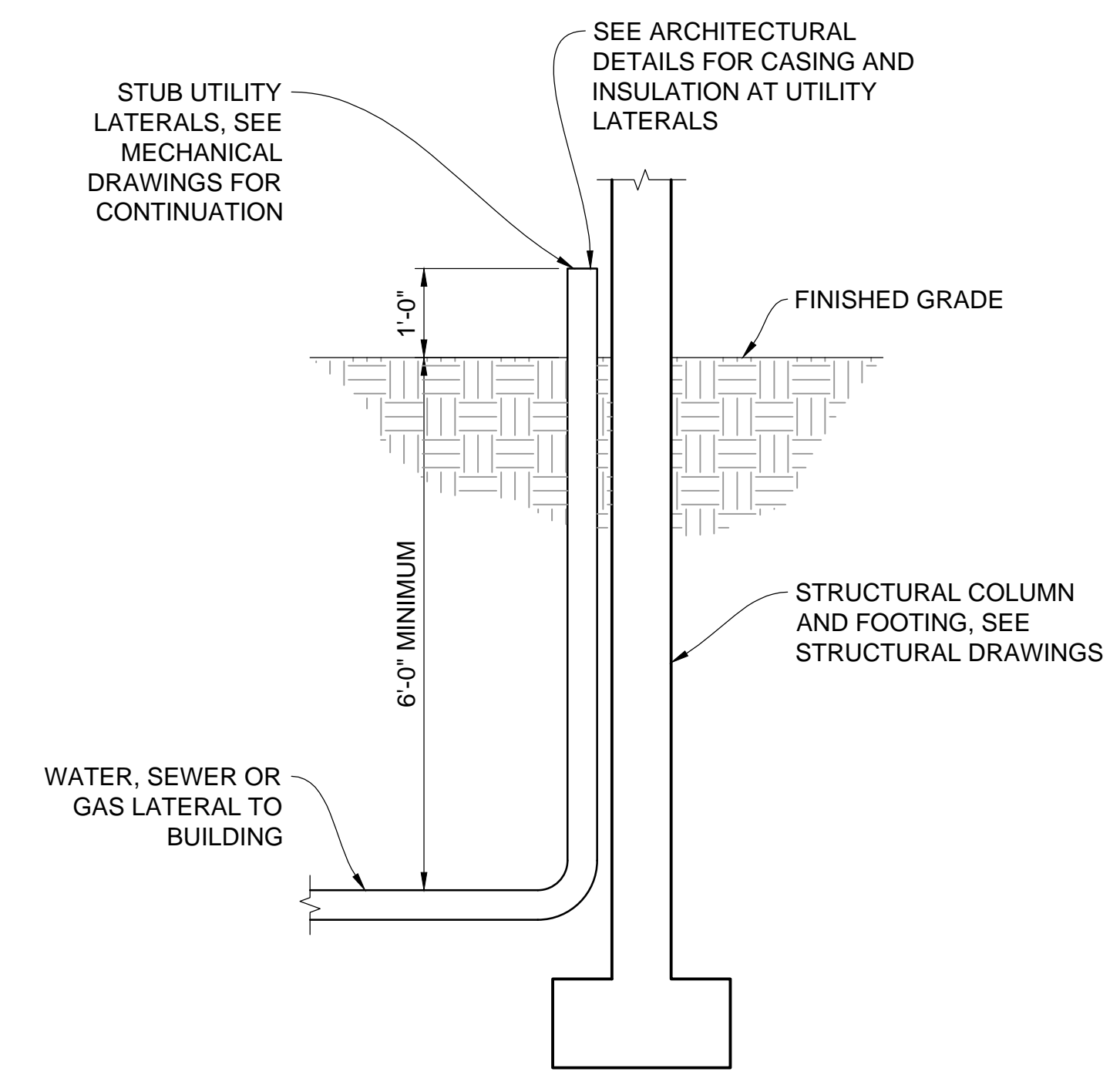


NOT USED

SECTION A-A

PROPANE TANK PIT

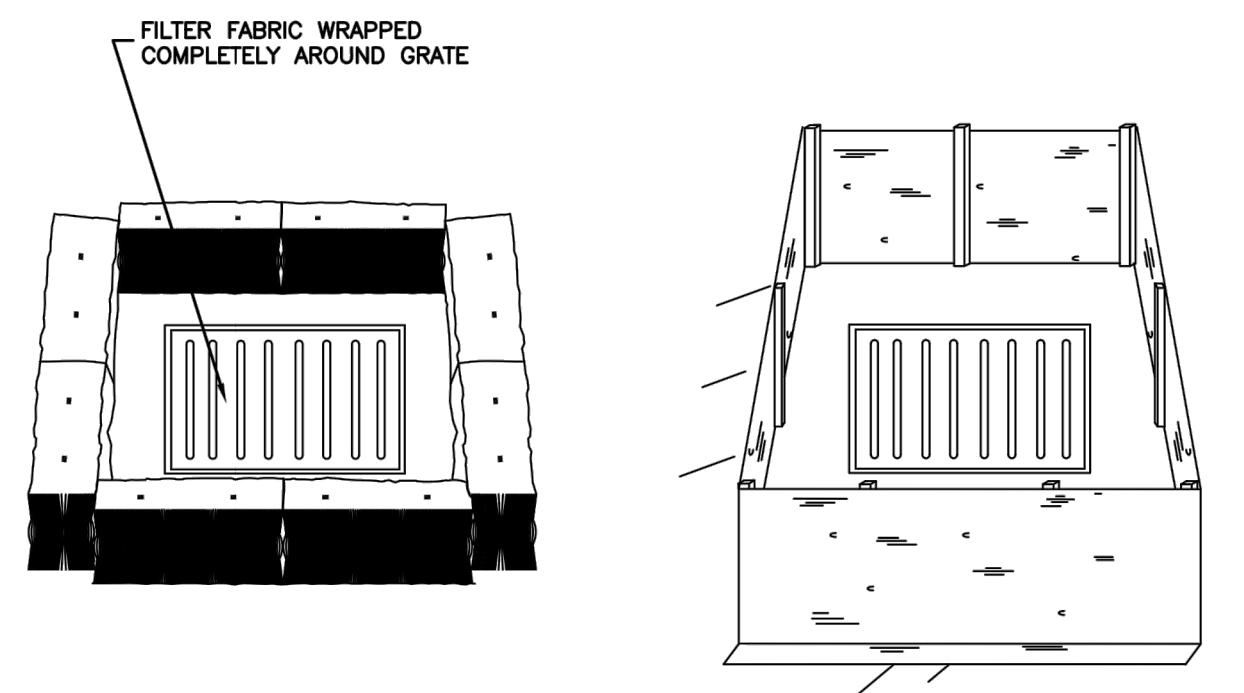
(C)
VAR
NTS



SERVICE LATERAL DETAIL

(D)
VAR
NTS

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



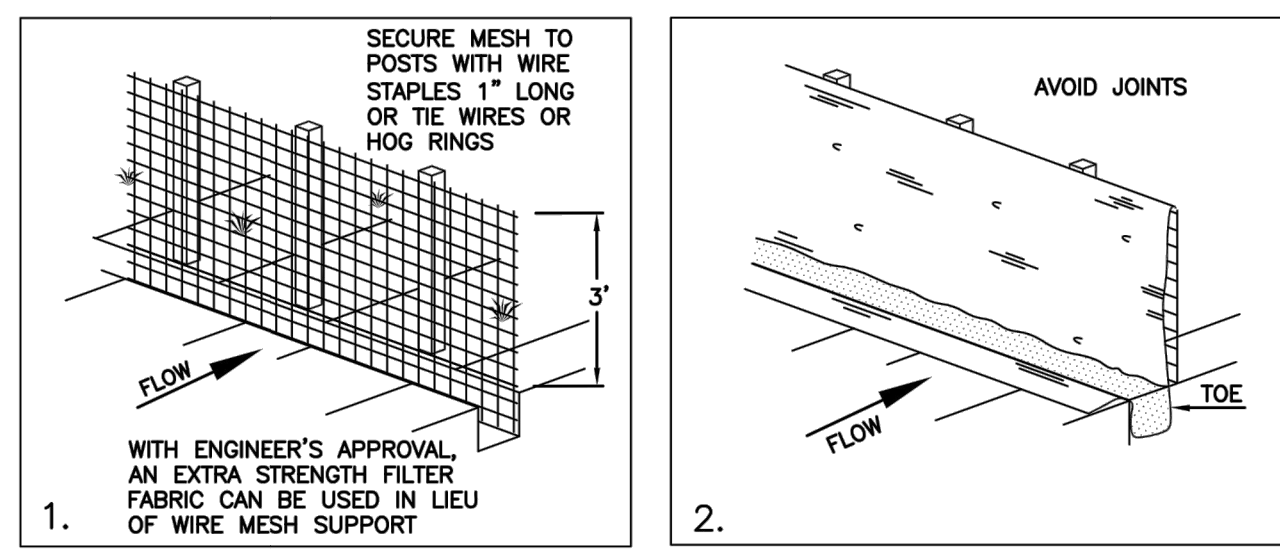
STRAW BALE BARRIER
(PLAN No. 121)

SILT FENCE
(PLAN No. 122)

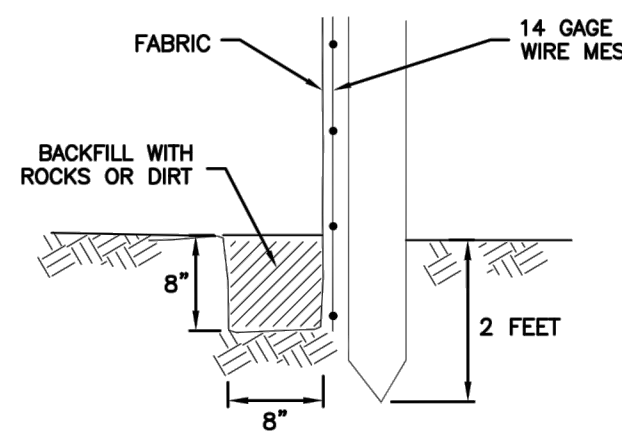
Inlet protection - fence or straw bale

February 2006 15 Plan 124 Sheet 3 of 3

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



INSTALLATION SEQUENCE

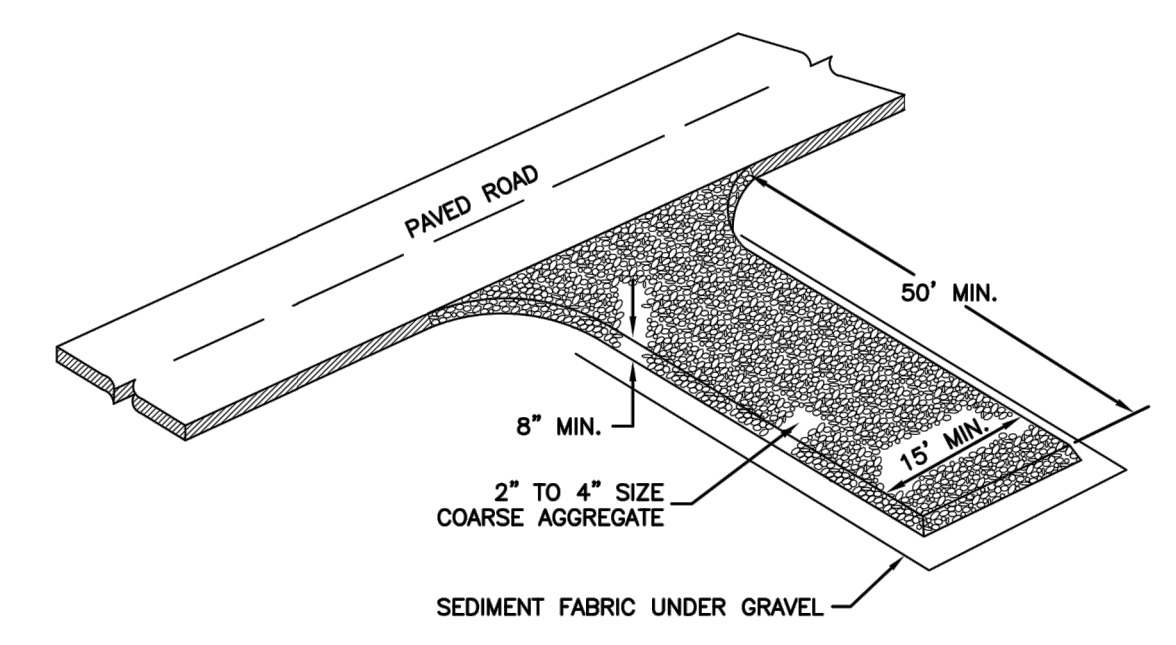


TOE DETAIL

Silt fence

February 2006 7 Plan 122

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



Stabilized roadway entrance

February 2006 19 Plan 126

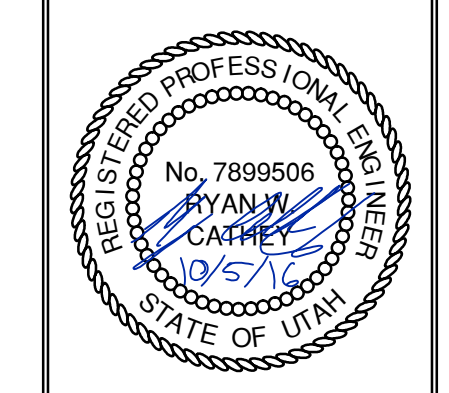
NO.	DATE	BY	REVISIONS

HORIZON NEIGHBORHOOD PRUD
UNITS 3 & 4
DETAILS

MURRAY, UT 8407
WWW.NV5.COM



6217 SOUTH STATE STREET, SUITE 200
801743.8000 TEL. 801743.0800 FAX



SHEET NUMBER
6.00

SCALE
VERTICAL: 1" = N/A
HORIZONTAL: 1" = N/A

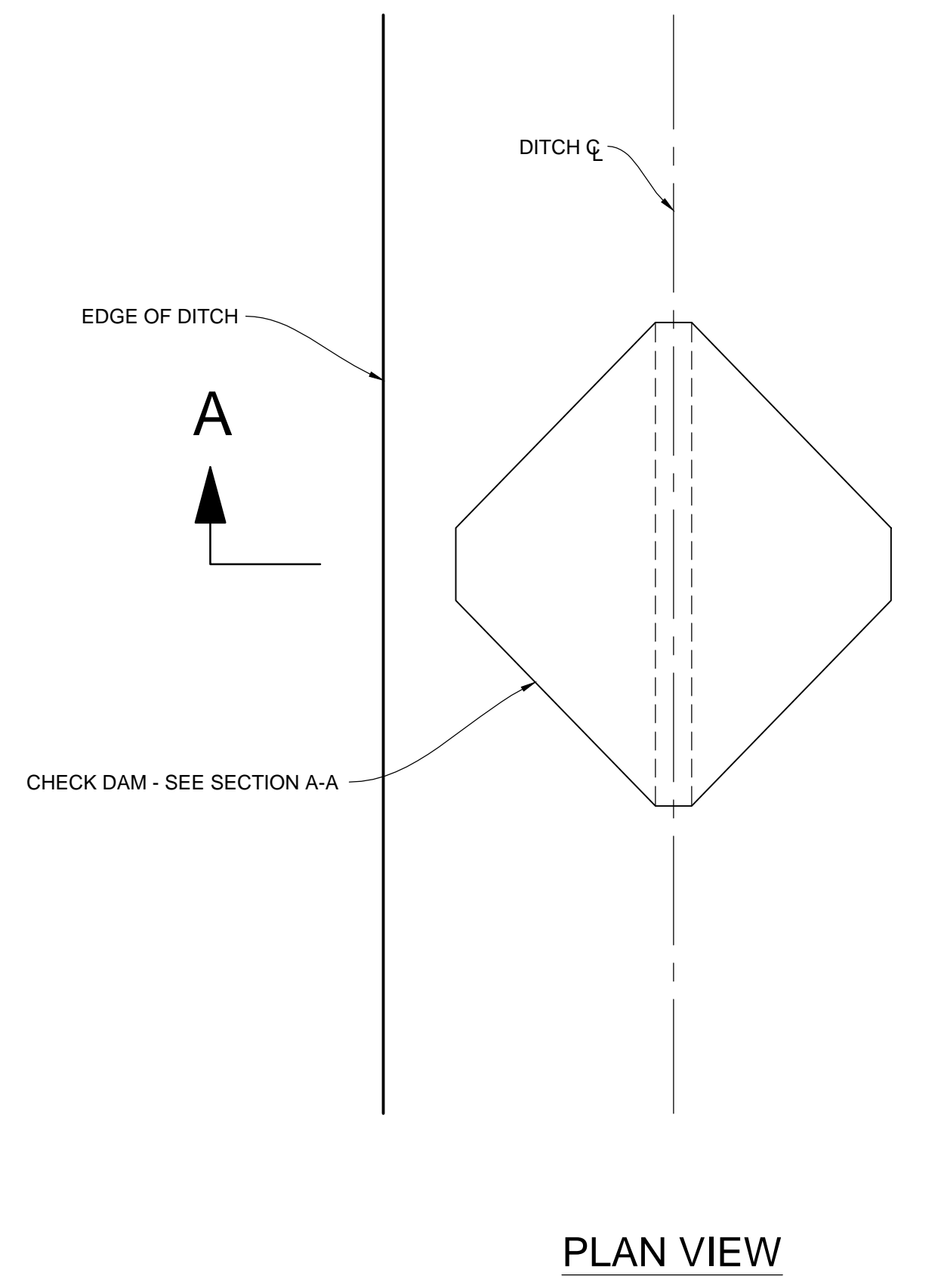
JOB NUMBER
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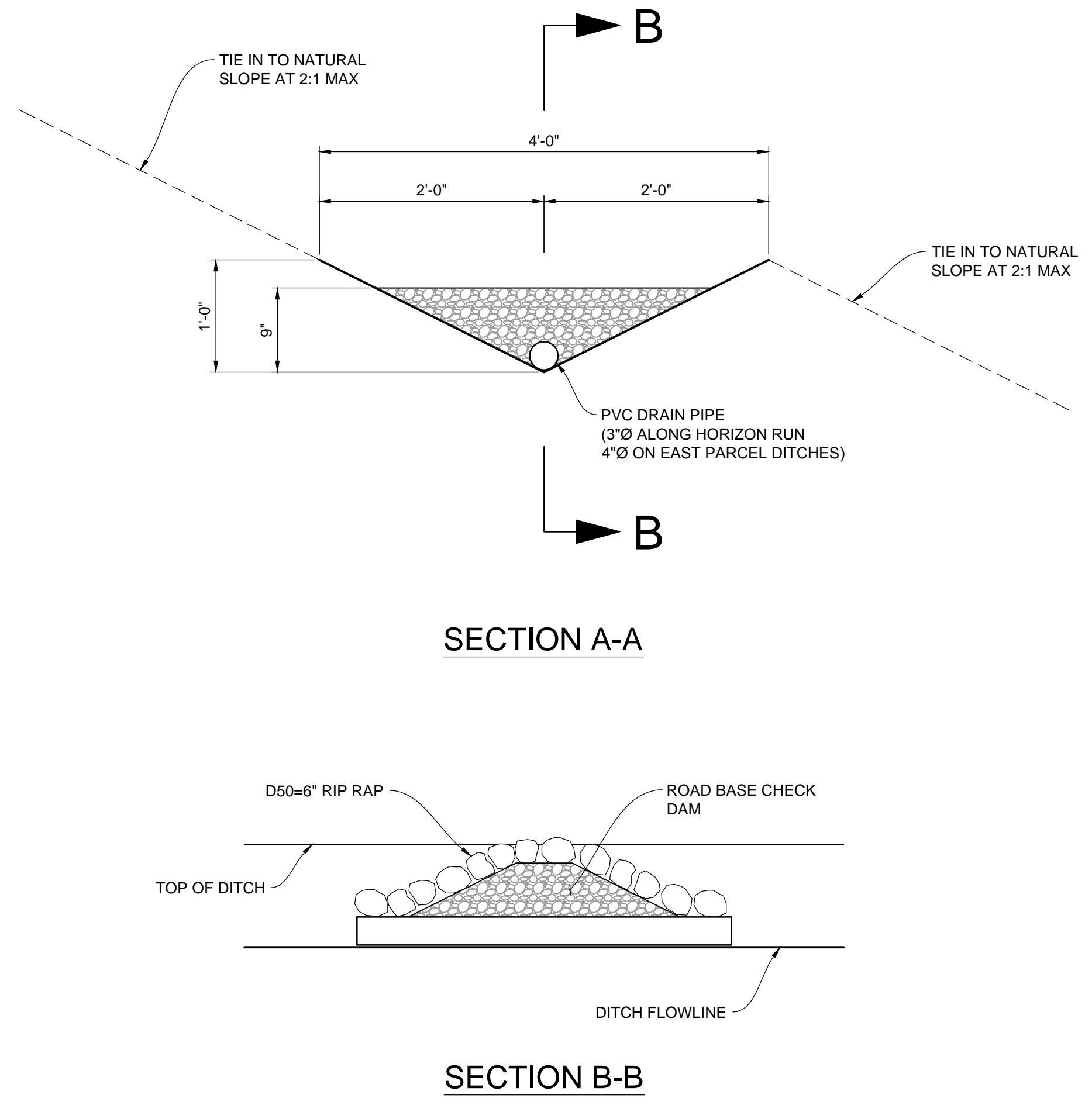
DATE SUBMITTED: 10-05-2016

PREPARED FOR: SUMMIT POWDER MOUNTAIN

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A
 VAR NTS CHECK DAM DETAIL



NO.	BY	DATE	REVISIONS

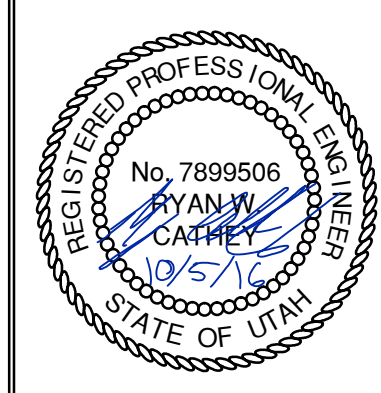
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CAUTION

HORIZON NEIGHBORHOOD PRUD
UNITS 3 & 4
DETAILS

MURRAY, UT 8407
 WWW.NV5.COM

6217 SOUTH STATE STREET, SUITE 200
 801743.8000 TEL. 801743.0900 FAX



SHEET NUMBER
6.04

SCALE
 VERTICAL: 1" = N/A
 HORIZONTAL: 1" = N/A

JOB NUMBER
SLB0793

DATE SUBMITTED: 10-05-2016

PREPARED FOR: SUMMIT POWDER MOUNTAIN