

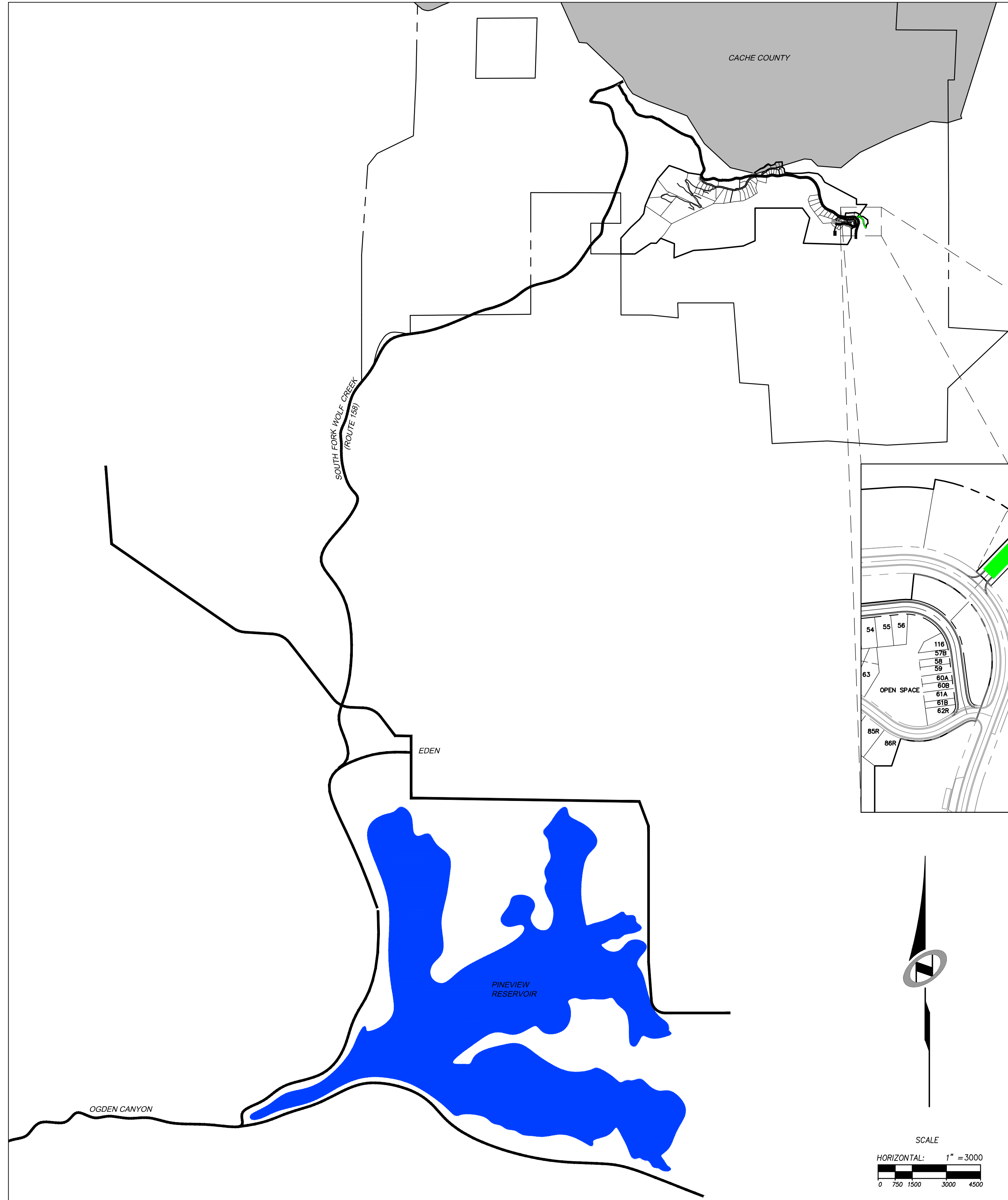
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BOWDEN
 XREFS:

SUMMIT EDEN PHASE 1D

ROADWAY AND UTILITY CONSTRUCTION DRAWINGS

Located in Sec 08 T7N R2E
Weber County, Utah



SHEET INDEX:

SHEET NO.	SHEET DESCRIPTION
1	1.0 CIVIL TITLE SHEET
2	1.1 GENERAL NOTES, LEGEND, AND KEYNOTES
3	1.2 OVERALL UTILITY
4	1.3 OVERALL GRADING
5	1.4 TYPICAL ROADWAY SECTIONS
6	2.0 PLAN & PROFILE - MERIDIAN AVE & DAYBREAK RIDGE
7	3.0 EARTHWORK & SECTIONS - MERIDIAN AVE & DAYBREAK RIDGE
8	4.0 EROSION CONTROL PLAN
9	5.0 STORM DRAIN DETAILS
10	5.1 WATER DETAILS
11	5.2 ELECTRICAL DETAILS
12	5.3 SEWER DETAILS
13	5.4 MISCELLANEOUS DETAILS
14	5.5 MISCELLANEOUS DETAILS
15	6.0 DRY UTILITY PLAN

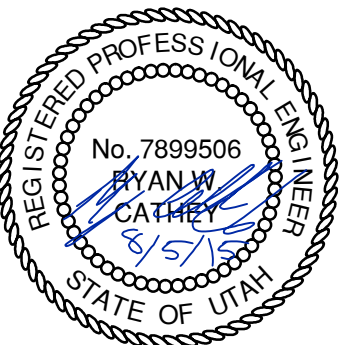
SUMMIT EDEN PHASE 1D

CIVIL TITLE SHEET

PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC

DATE SUBMITTED: 7/27/2016

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 5217 SOUTH STATE STREET, SUITE 200
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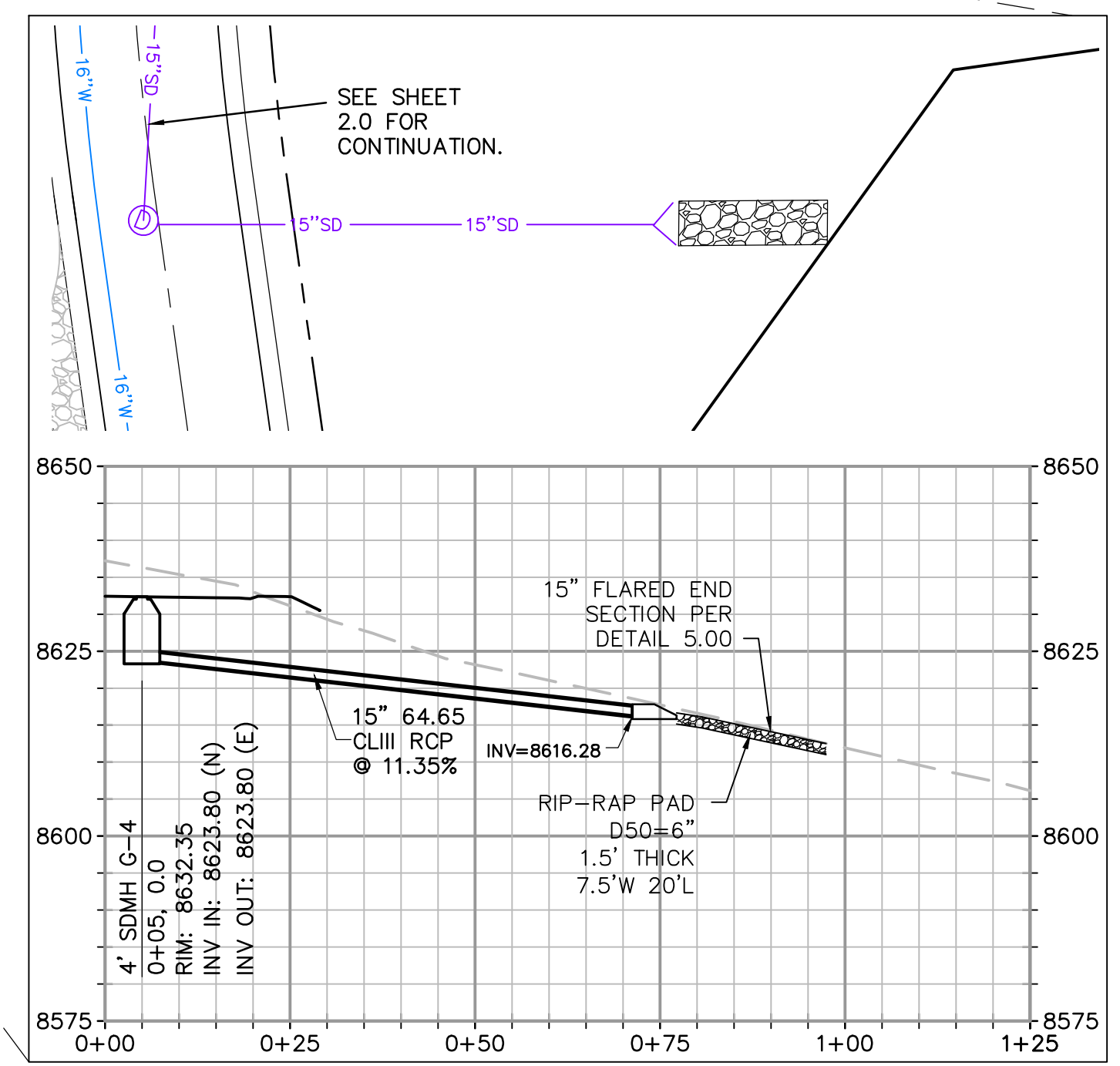
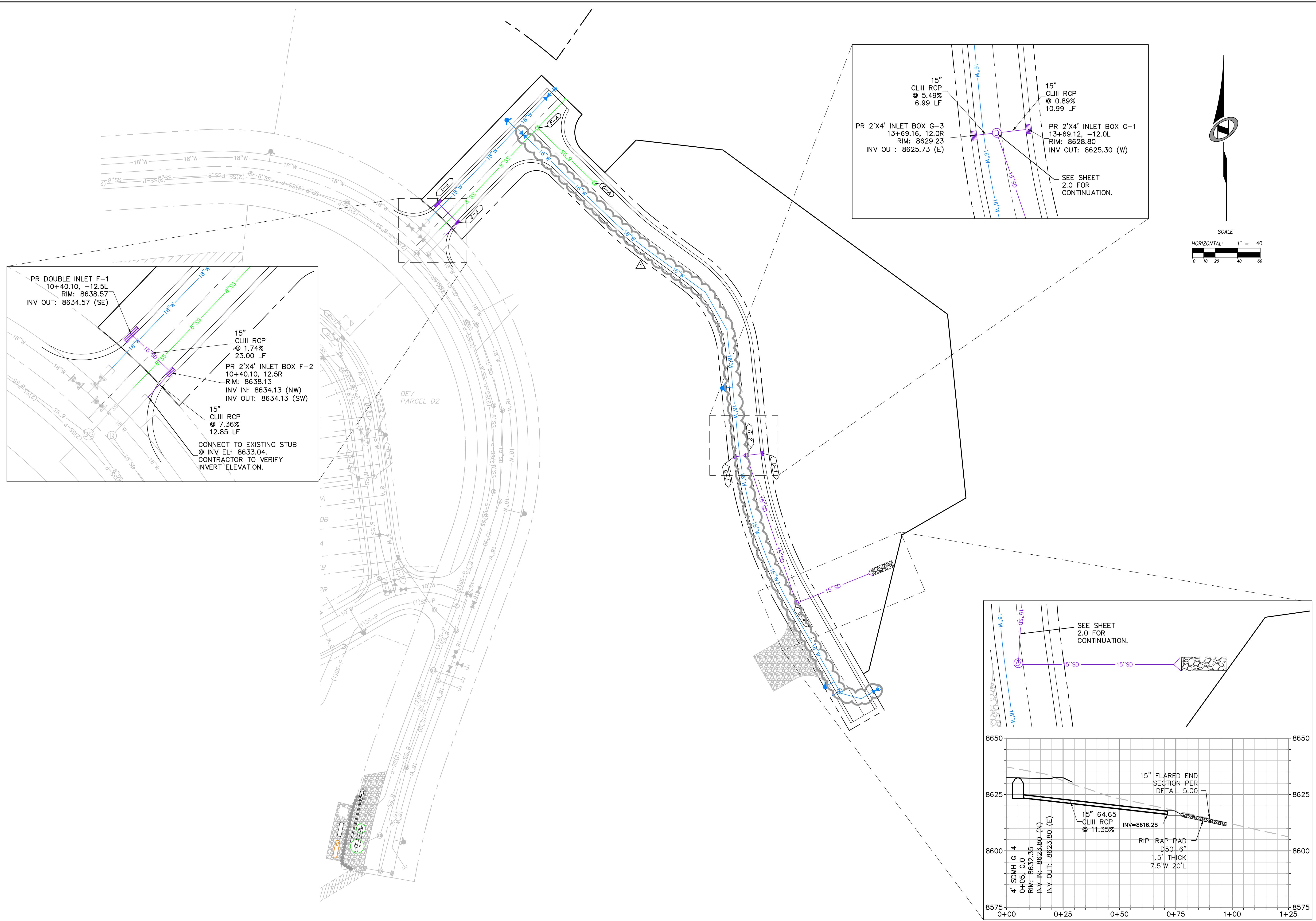
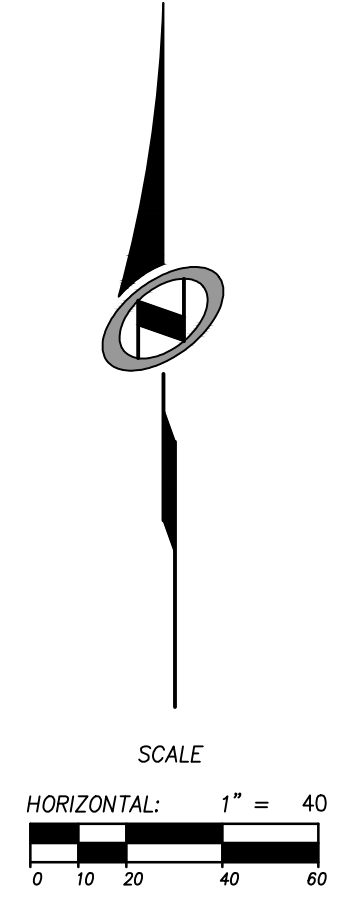
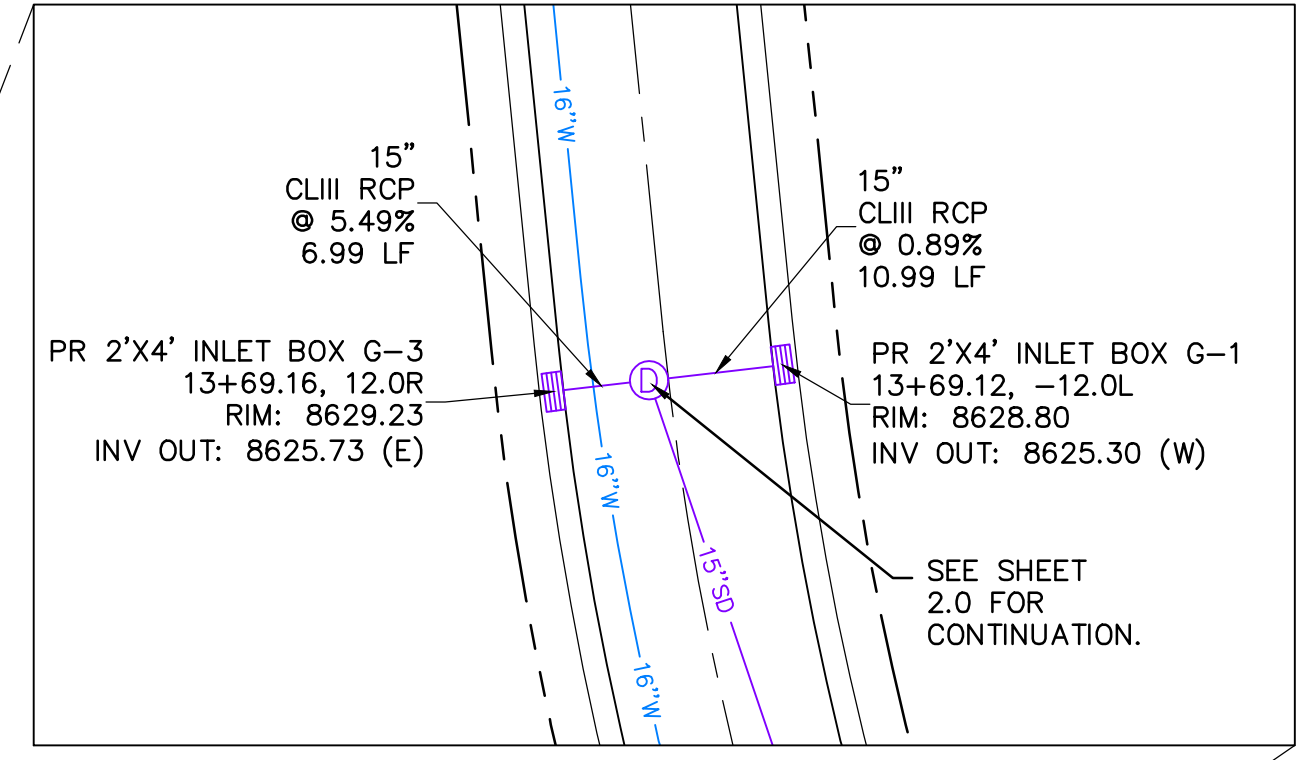
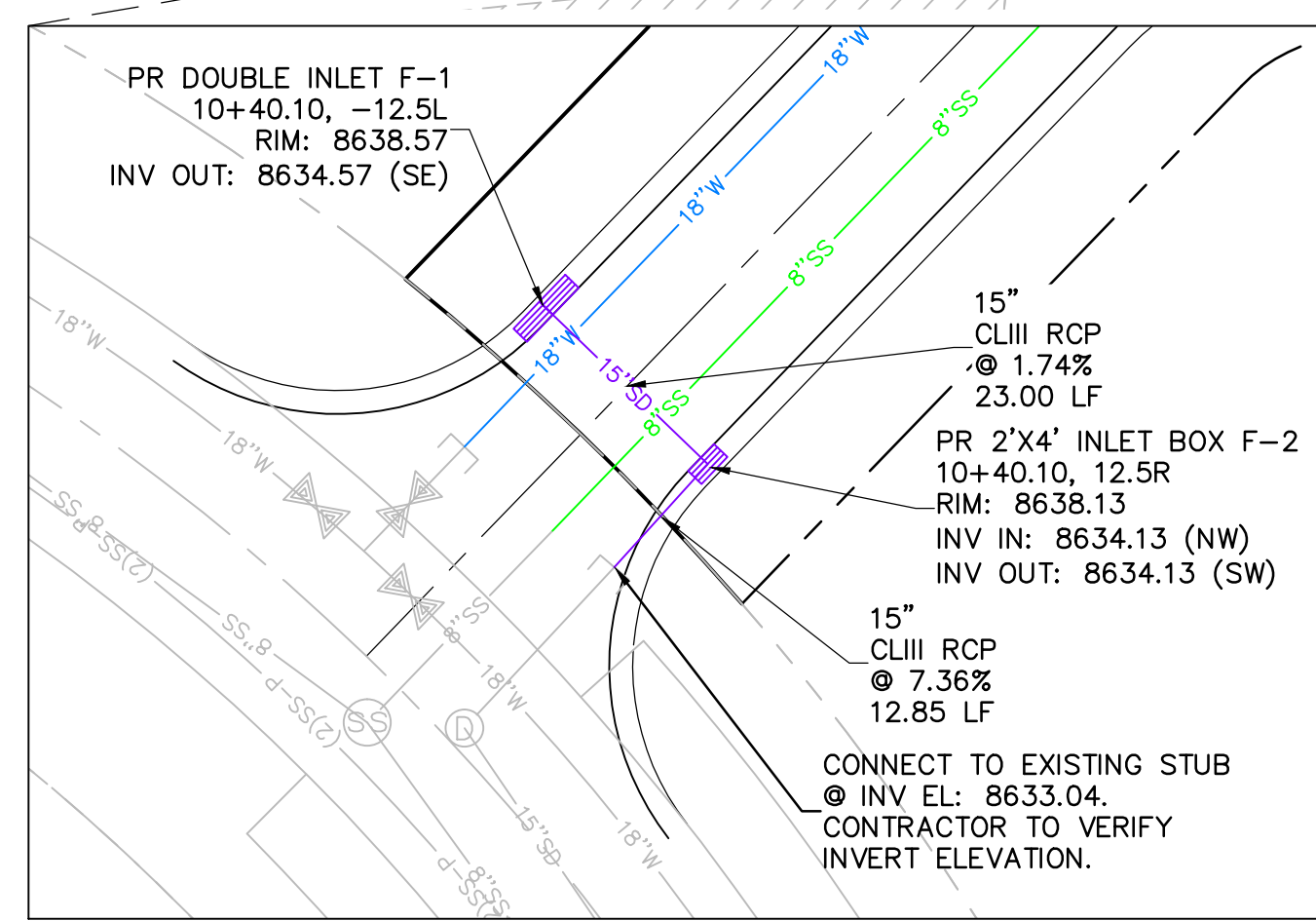


SHEET NUMBER
1.0

SCALE
 VERTICAL: 1" = 10'
 HORIZONTAL: 1" = 3000'

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, and must be approved by the preparer of these plans.



NO.	BY	DATE	REVISIONS
1	RHC	8/28/2015	DATUM/CAV INTERLINE

SUMMIT EDEN PHASE 1D
OVERALL UTILITY PLAN

PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC

DATE SUBMITTED: 7/27/2015

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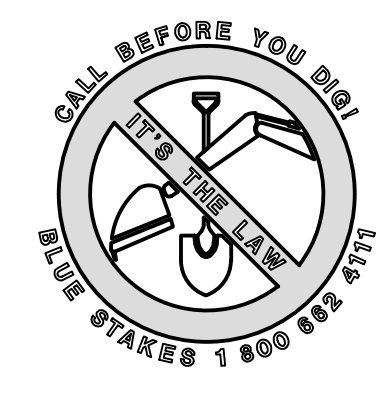
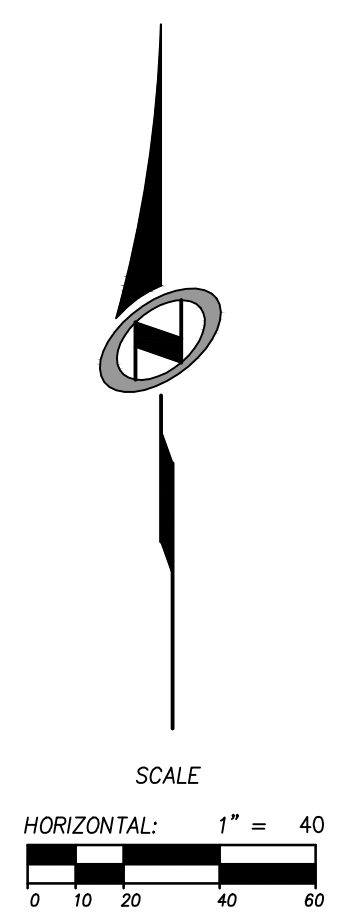
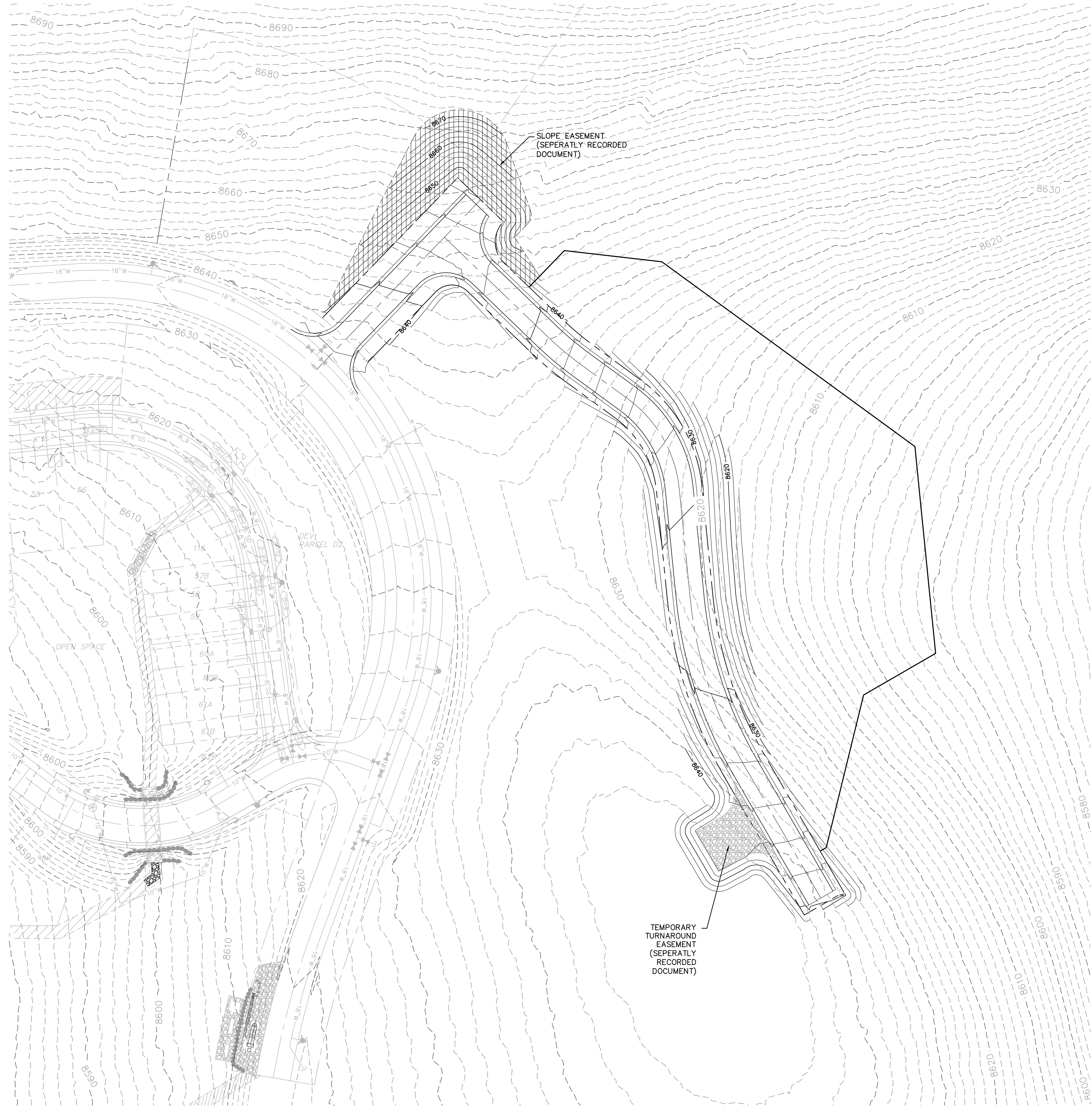
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SCALE
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 HORIZONTAL: 1" = 40'

JOB NUMBER
SLB079306



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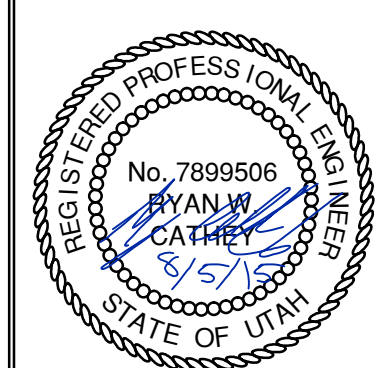
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CAUTION
 The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. Any such changes or uses must be approved by the preparer of these plans.

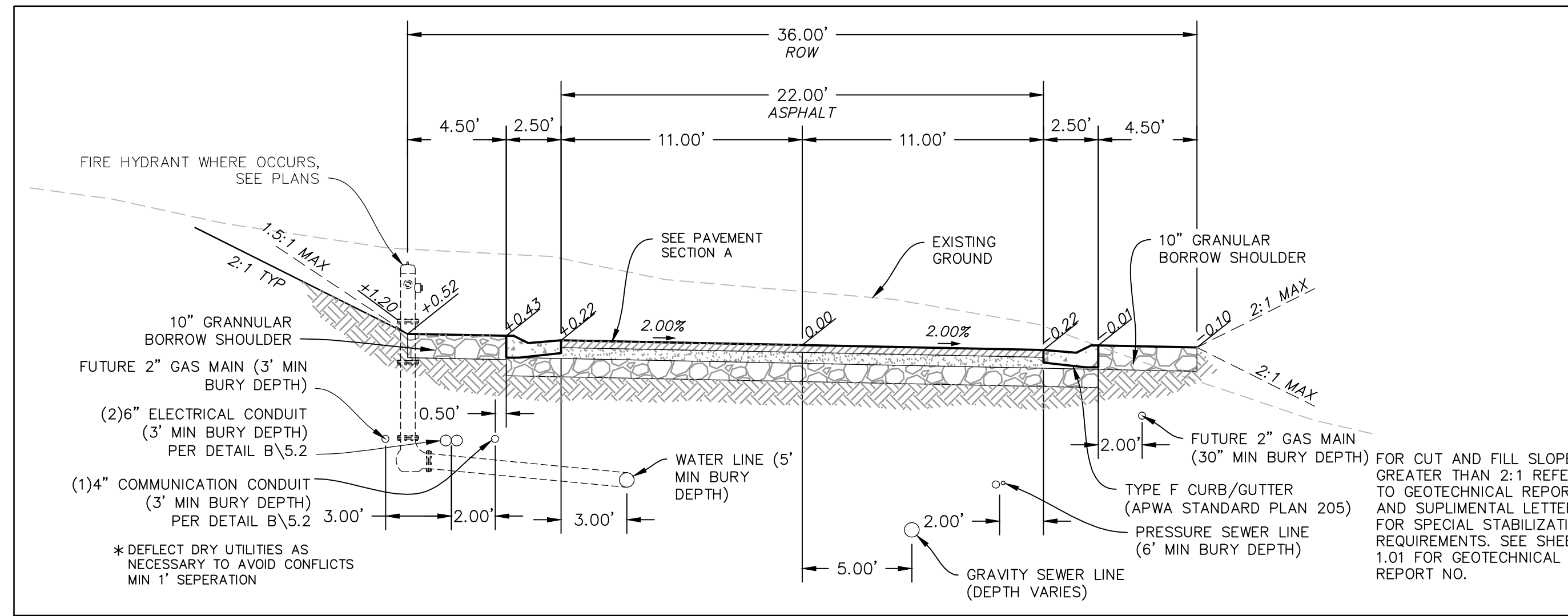
SUMMIT EDEN PHASE 1D OVERALL GRADING PLAN

PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC DATE SUBMITTED: 7/27/2015

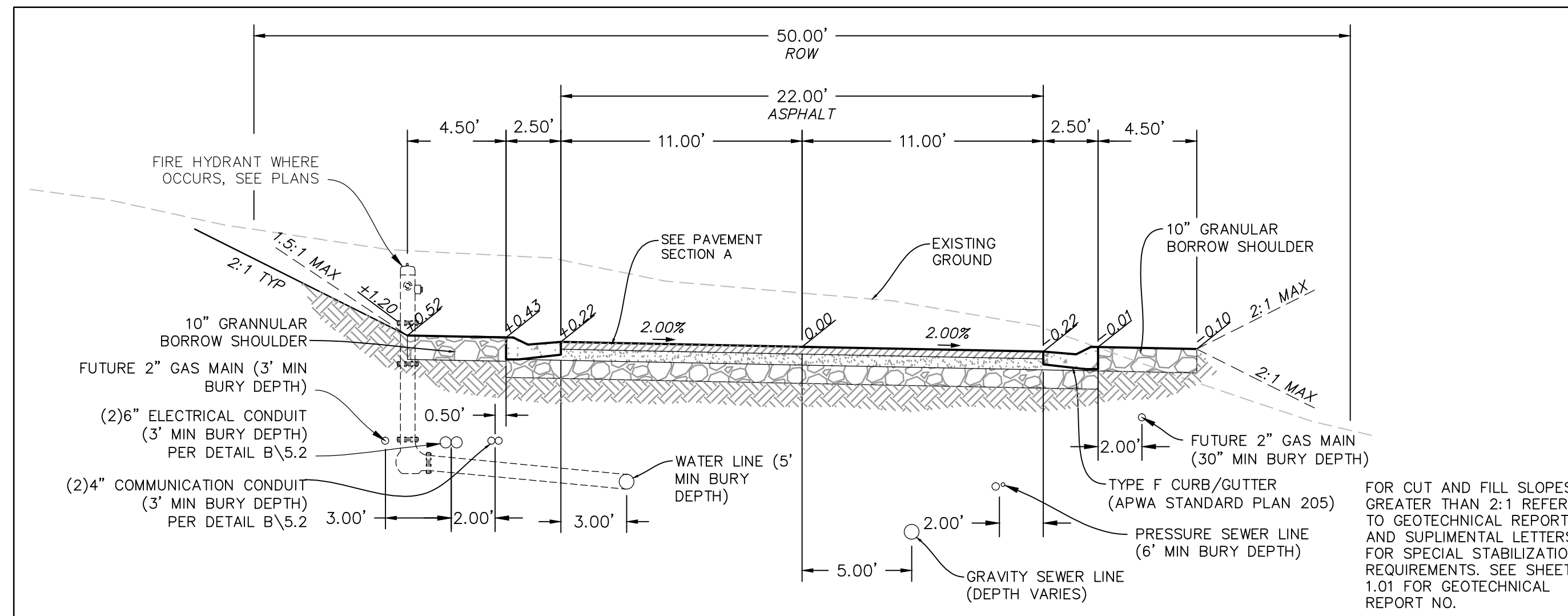
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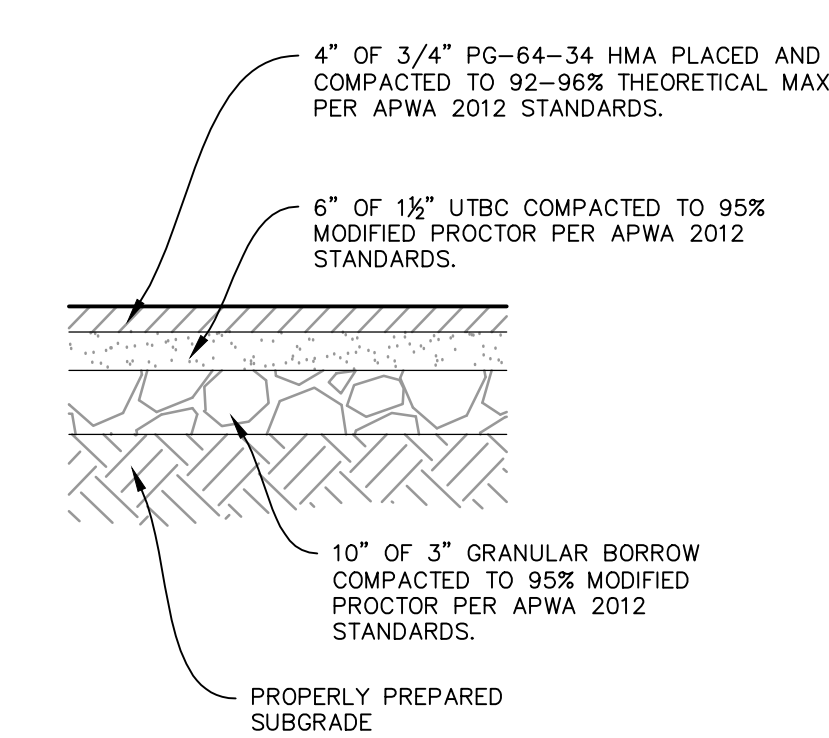
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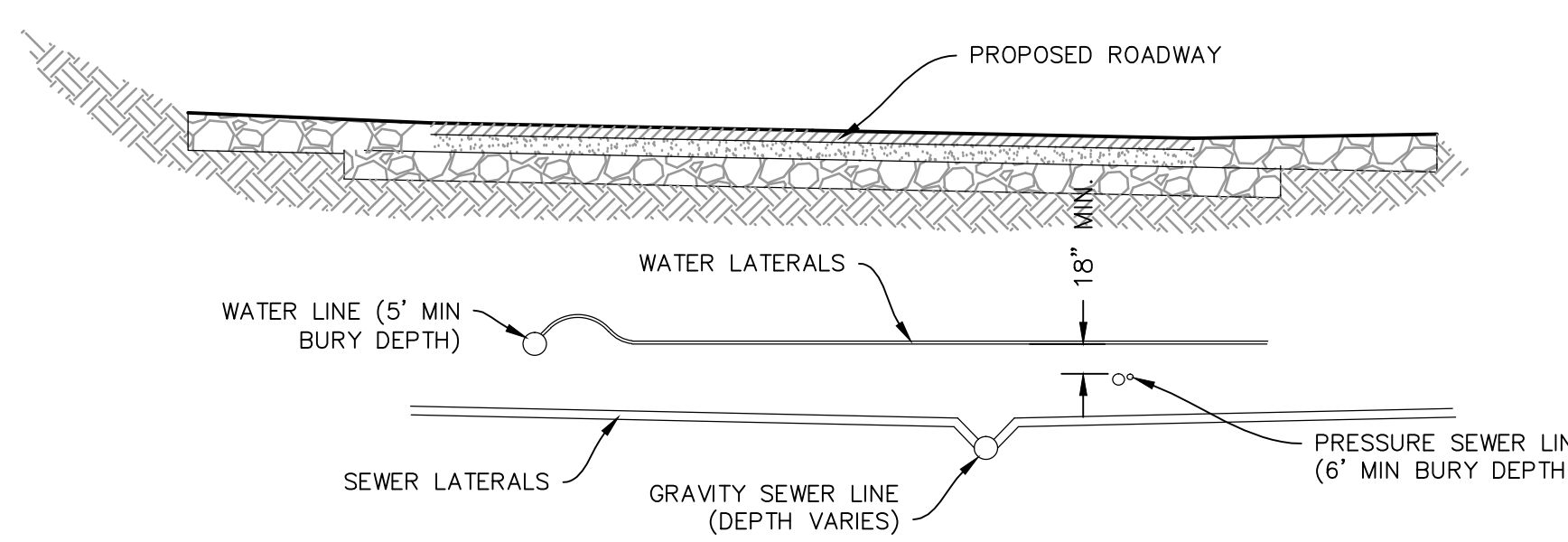
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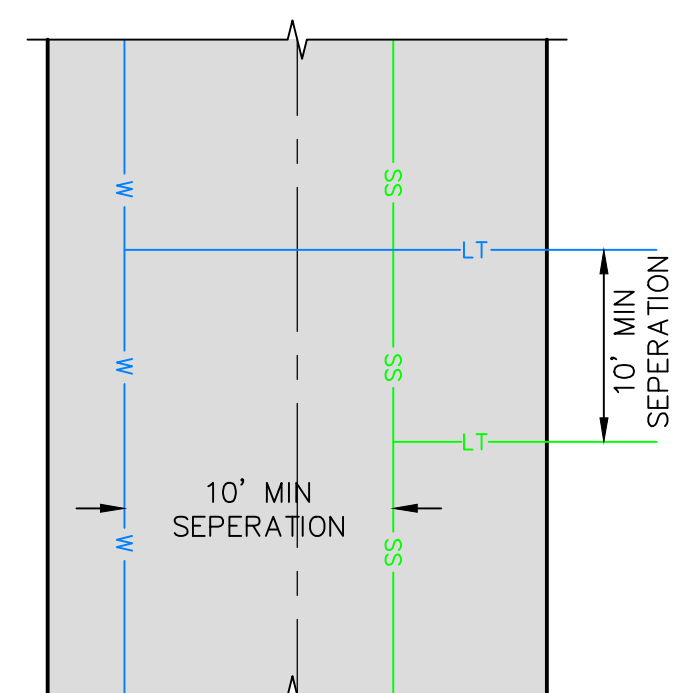
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 (50' RIGHT OF WAY SECTION)
 MERIDIAN AVENUE STA: 10+00.00 TO 11+85.52



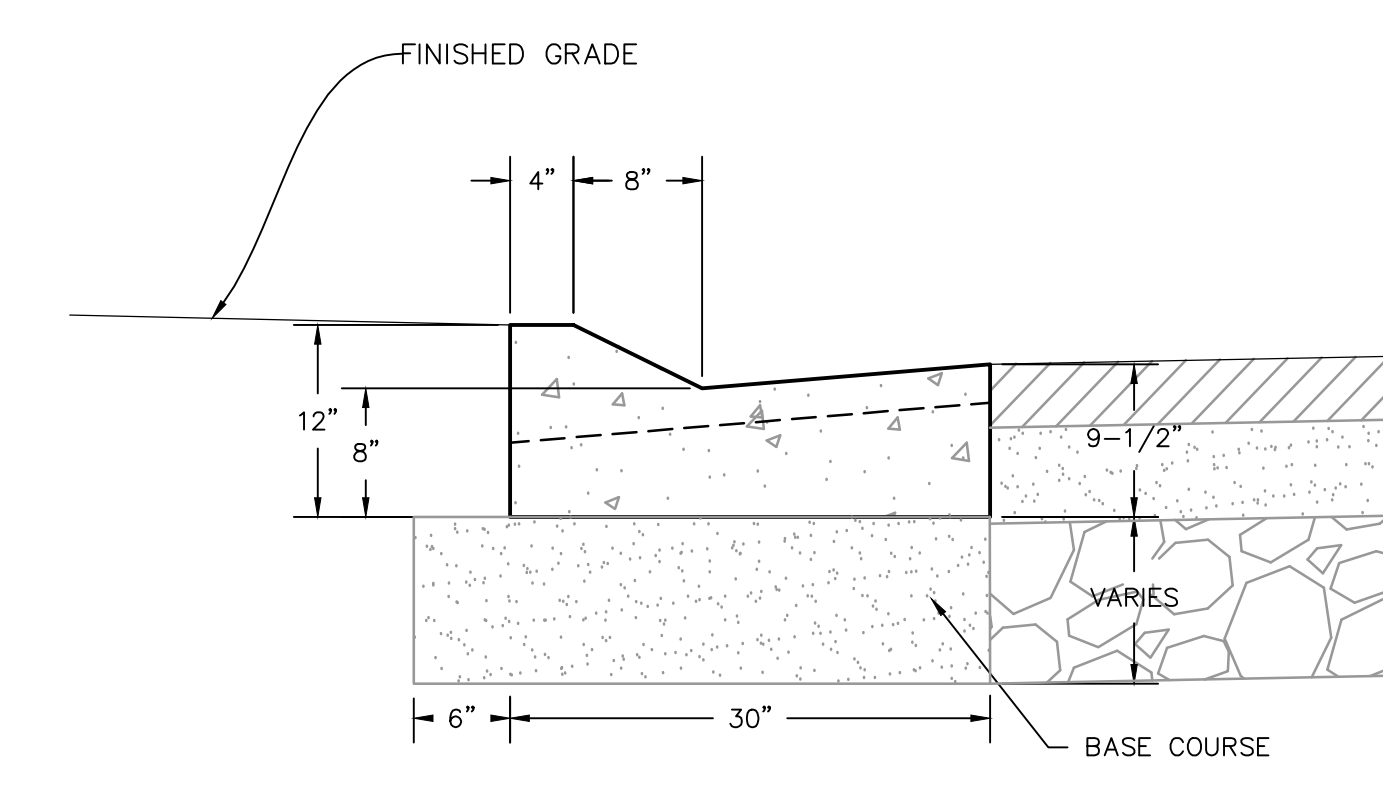
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SECTION



PLAN



TYPE F CURB & GUTTER

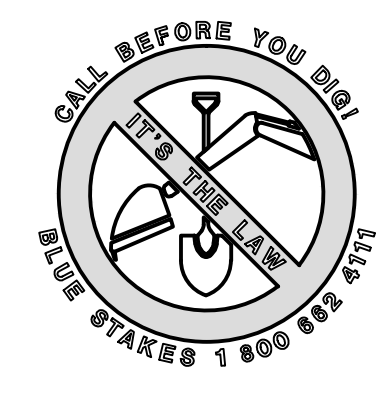
NO.	BY	DATE	REVISIONS

SUMMIT EDEN PHASE 1D
ROADWAY TYPICAL SECTIONS
 PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC
 DATE SUBMITTED: 7/27/2015

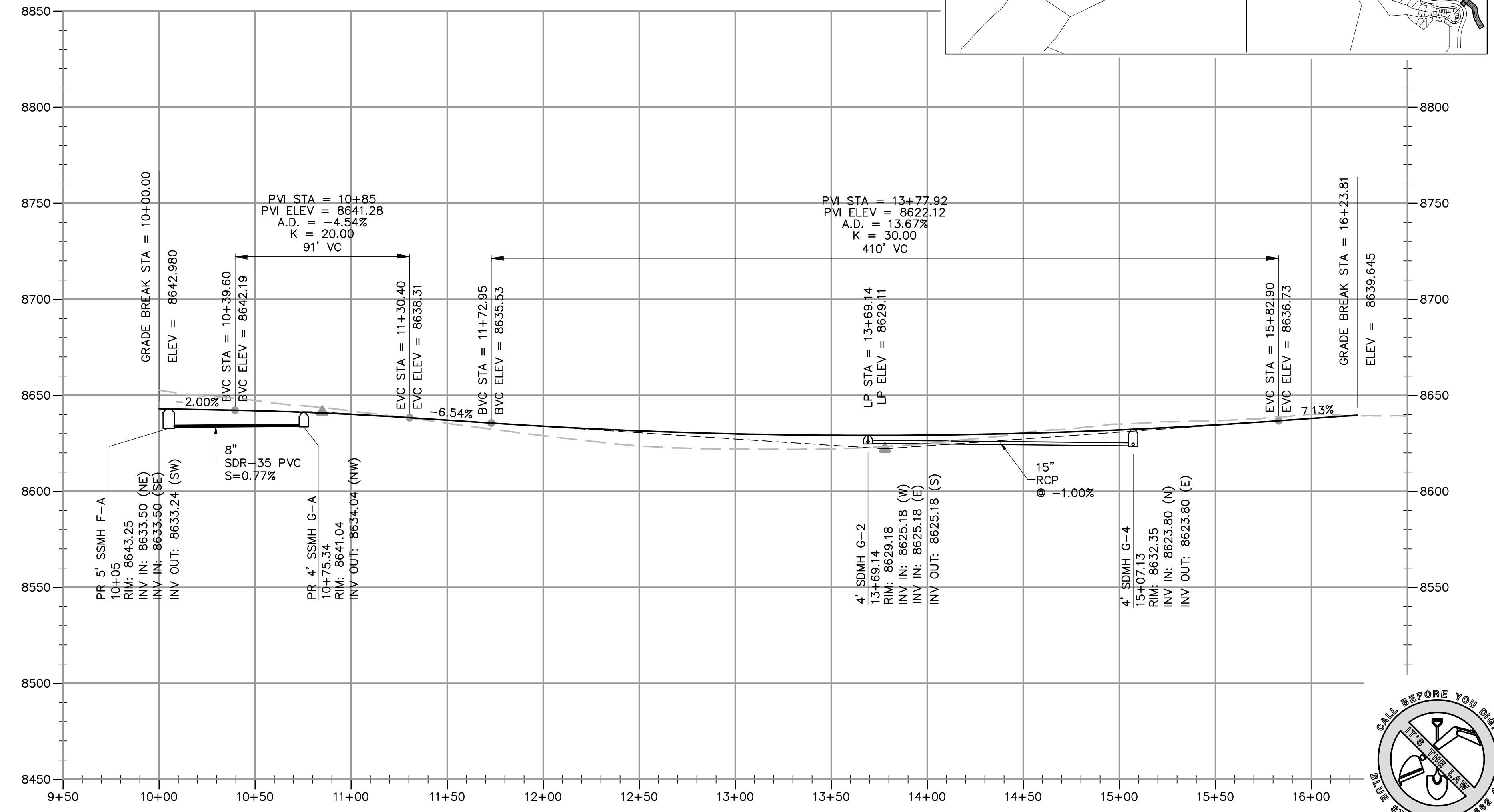
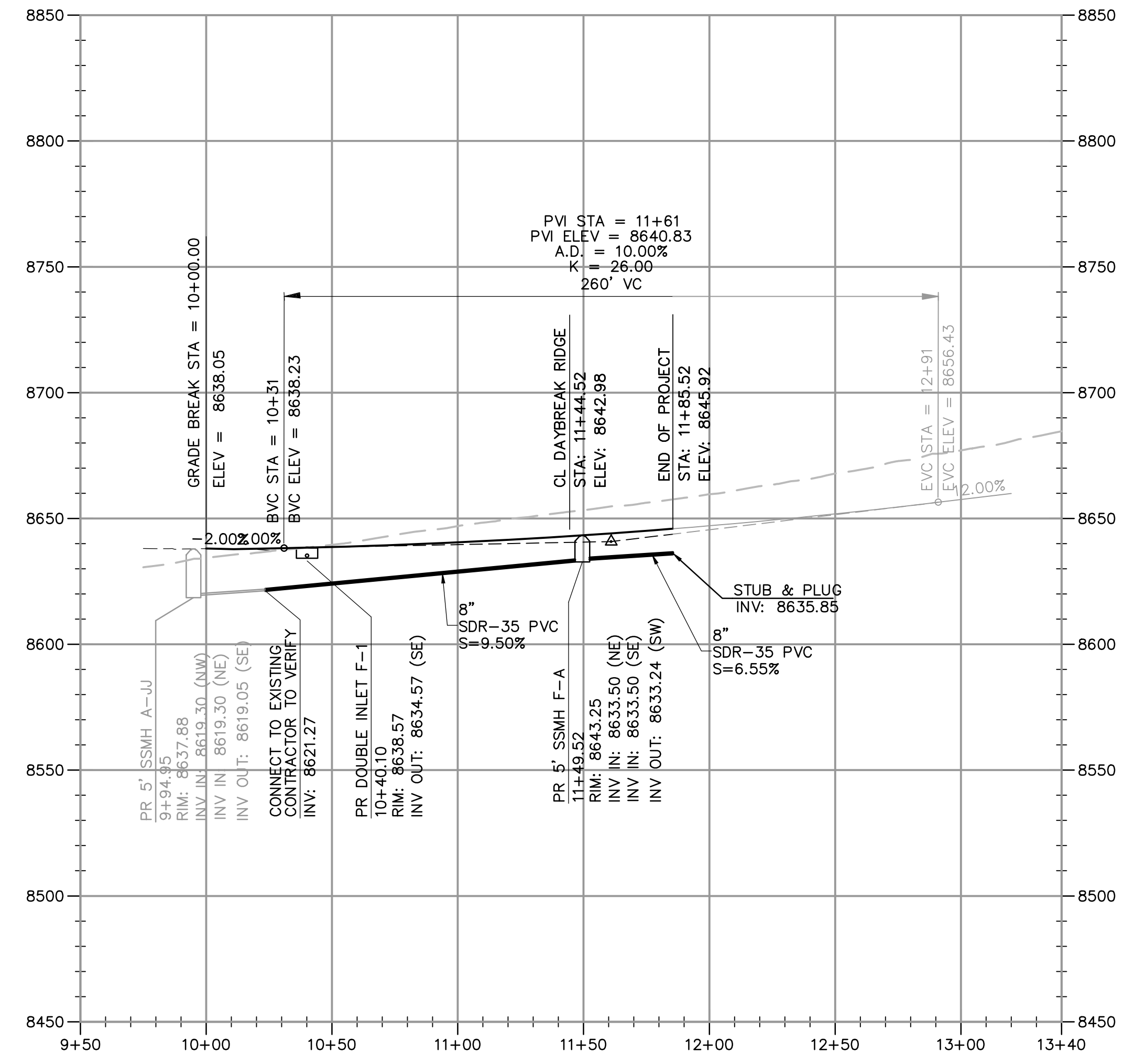
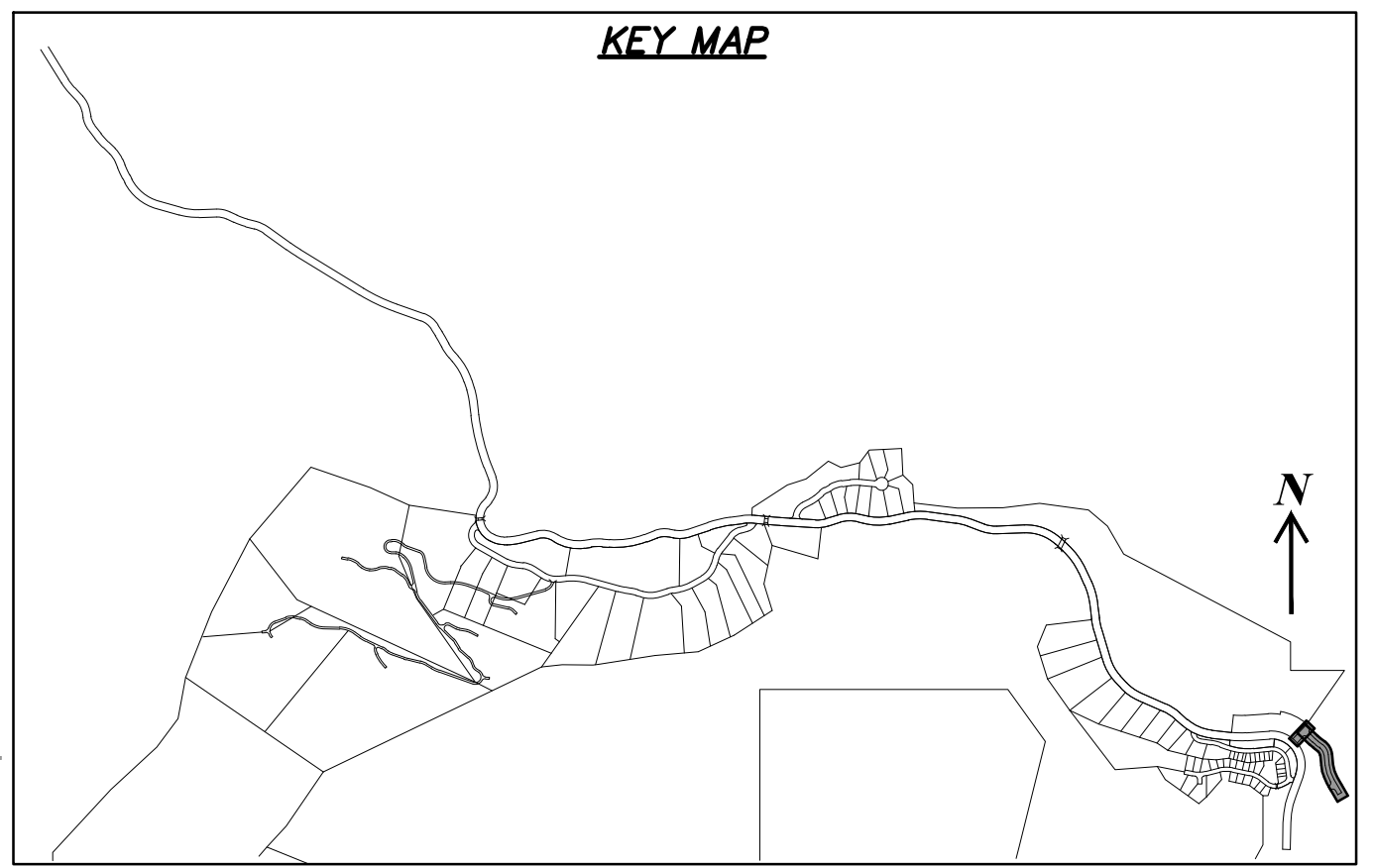
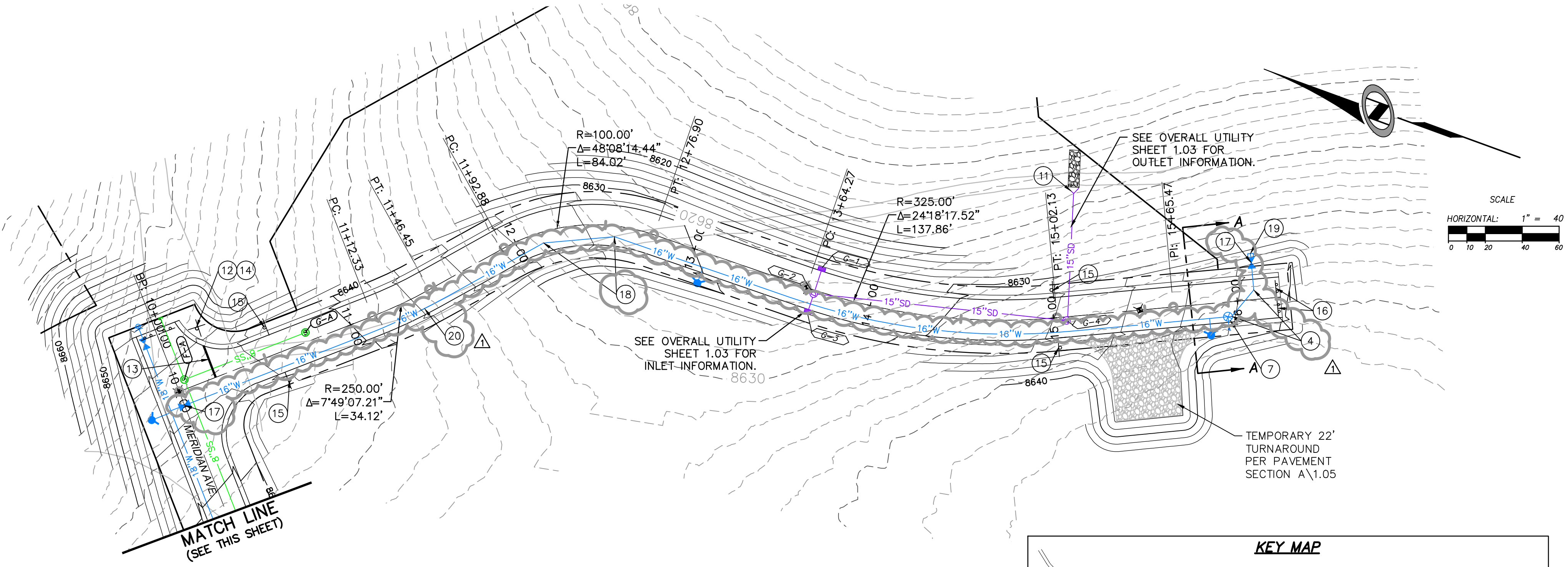
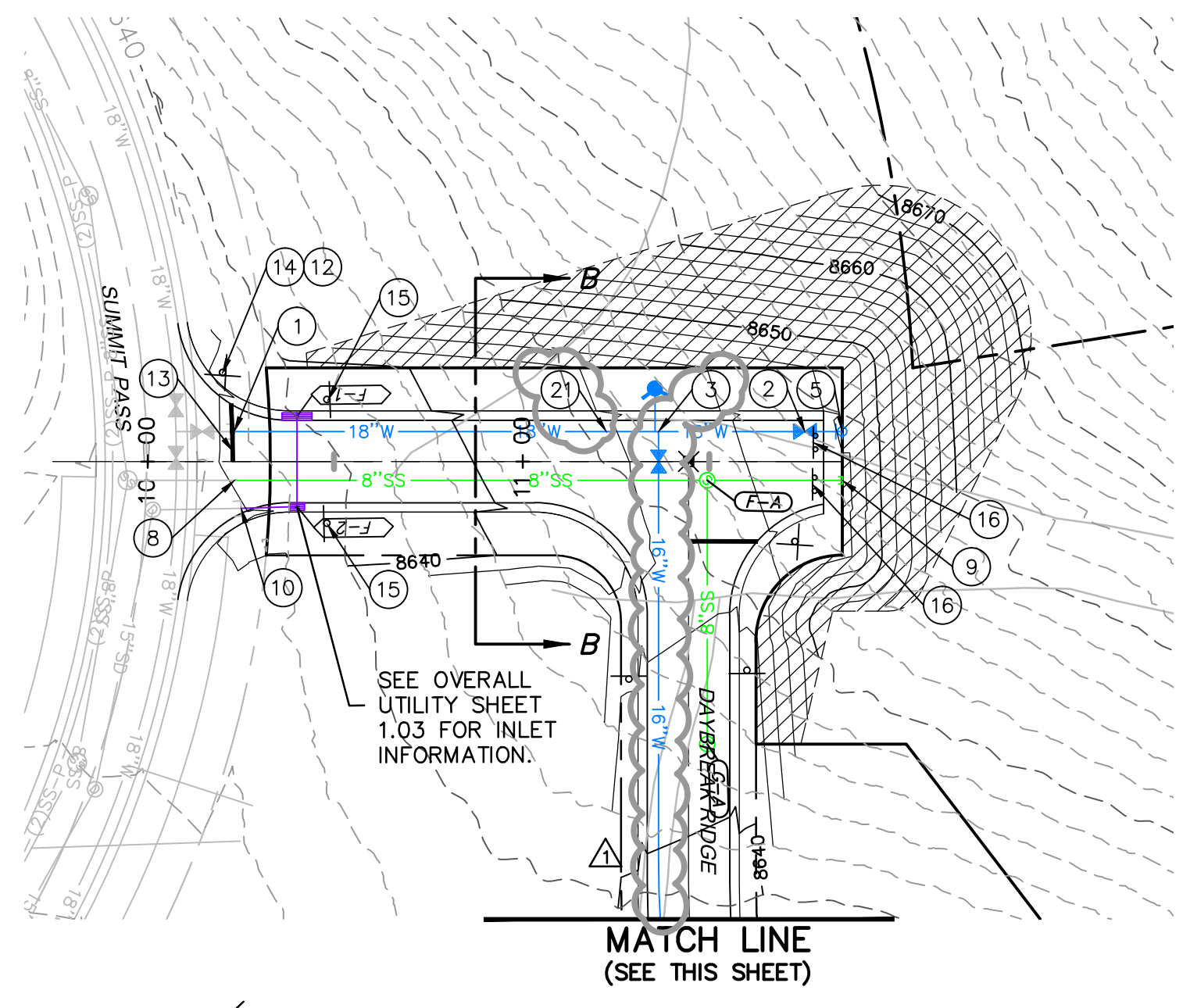
NV5
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REGISTERED PROFESSIONAL ENGINEER
 No. 7899506
 RYAN W. CATHEY
 8/5/15
 STATE OF UTAH

SHEET NUMBER
14
 SCALE
 VERTICAL: 1" = N/A
 HORIZONTAL: 1" = N/A
 JOB NUMBER
SLB079306



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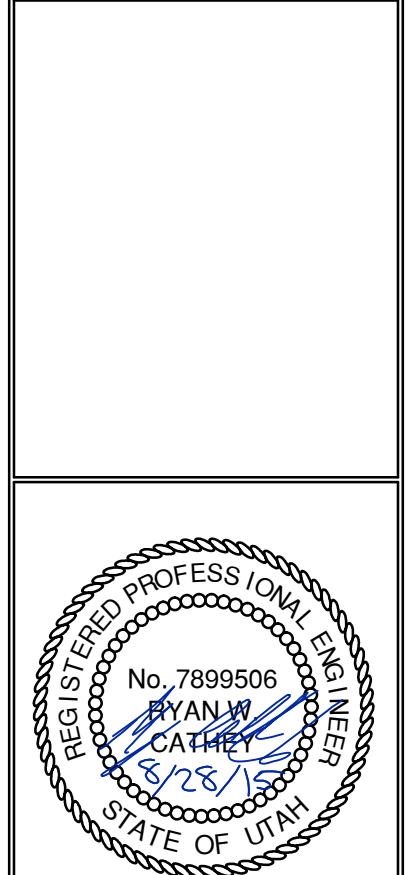
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SUMMIT EDEN PHASE 1D
PLAN AND PROFILE
MERIDIAN AVE & DAYBREAK RIDGE

PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC

DATE SUBMITTED: 7/27/2015

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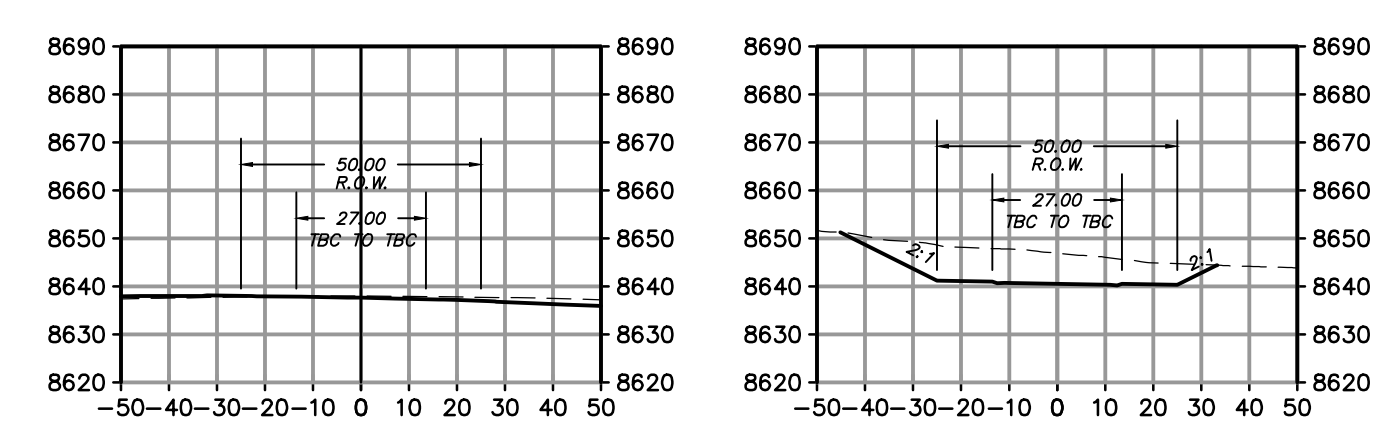
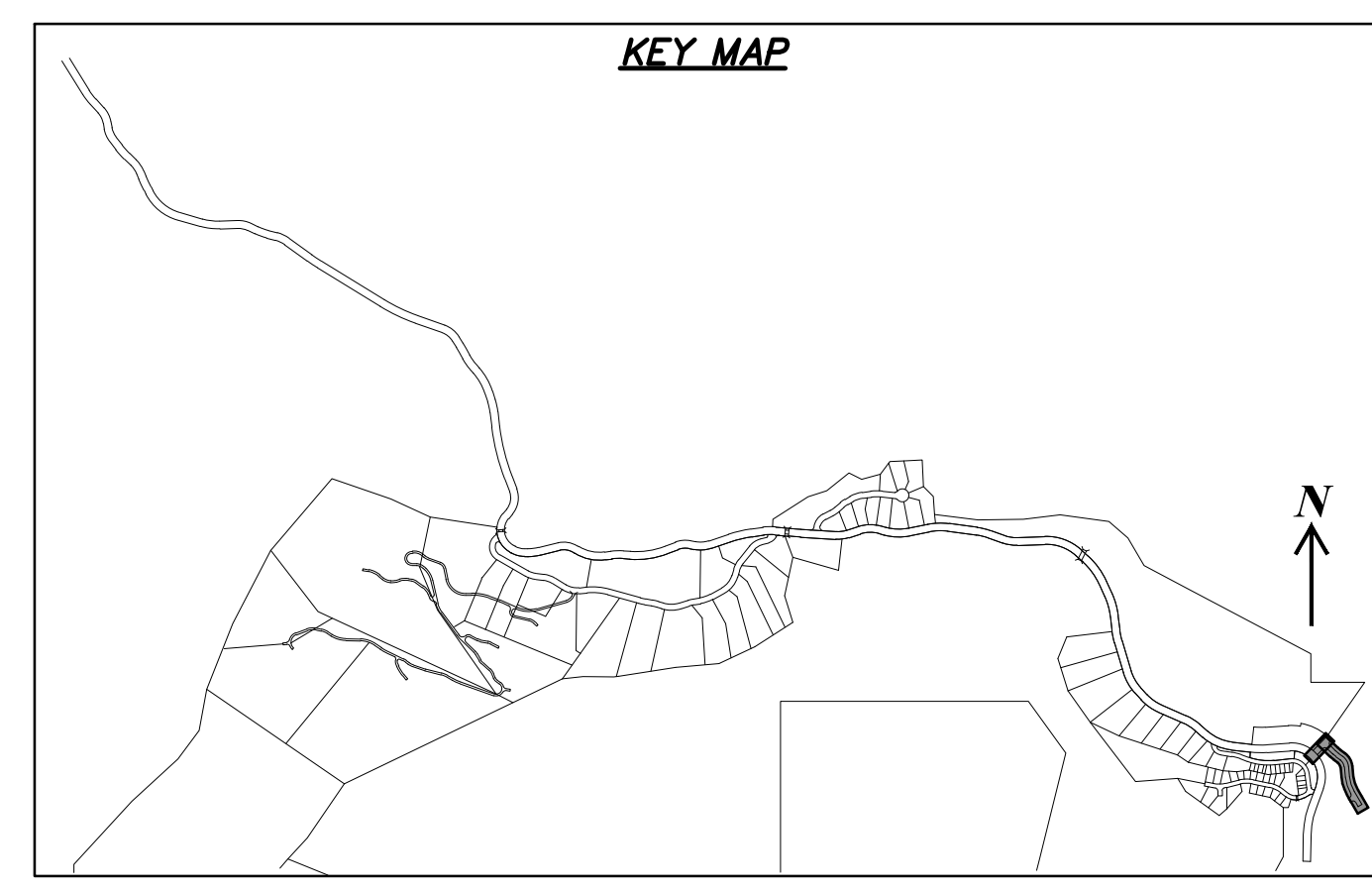
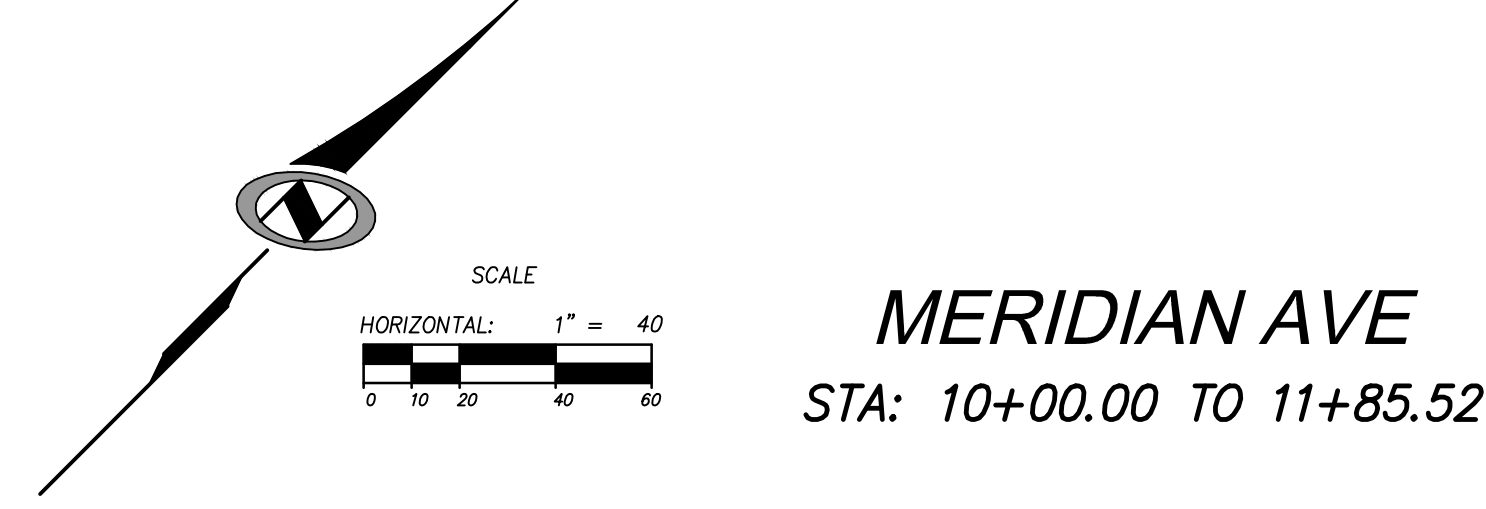
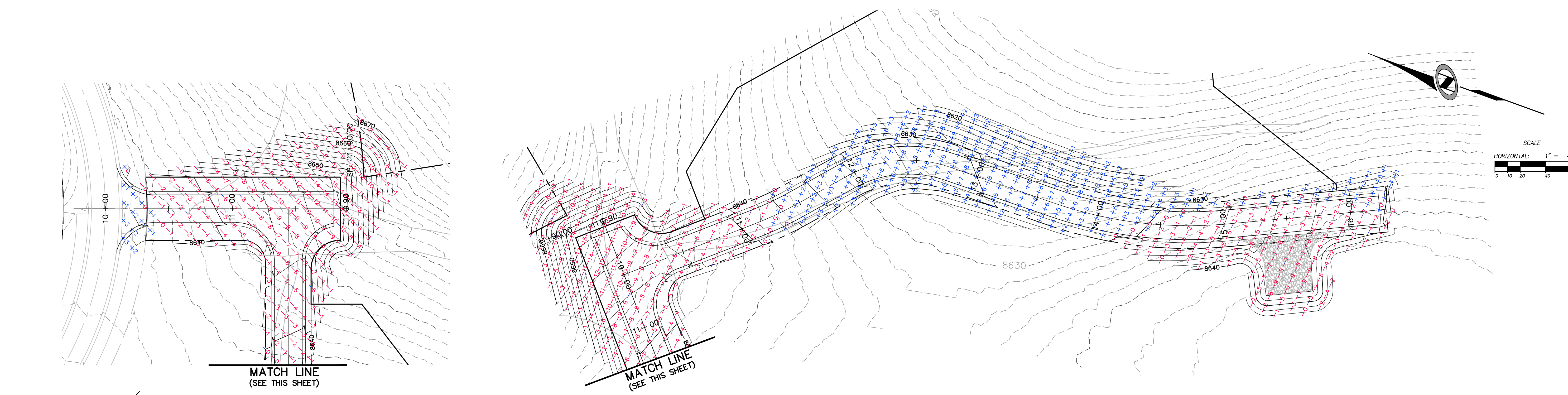
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JOB NUMBER
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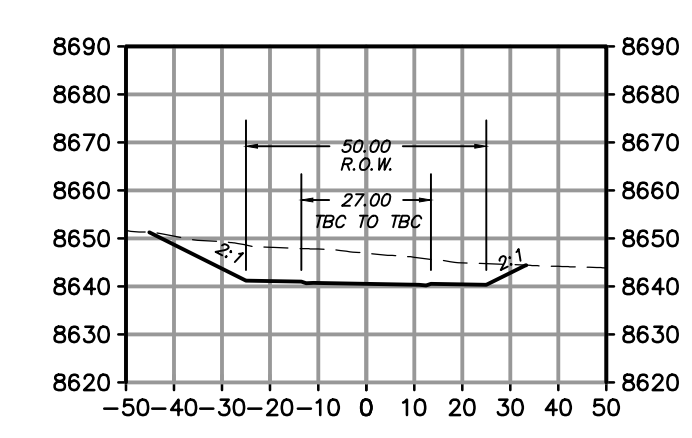
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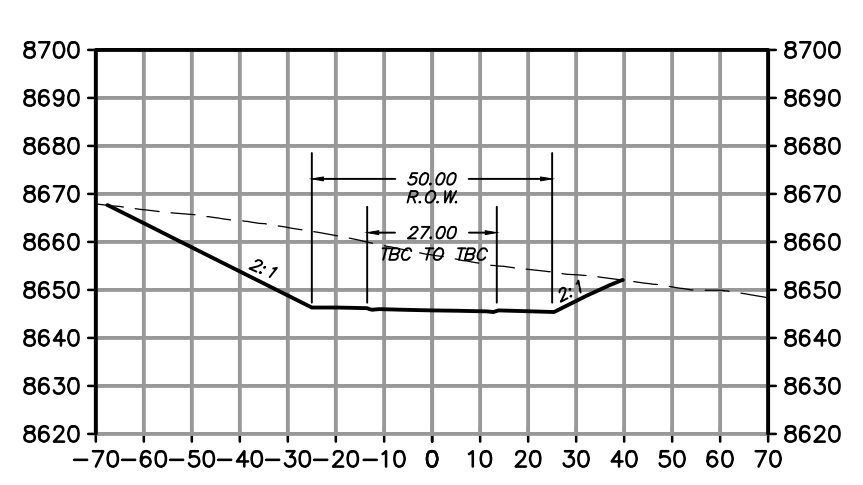
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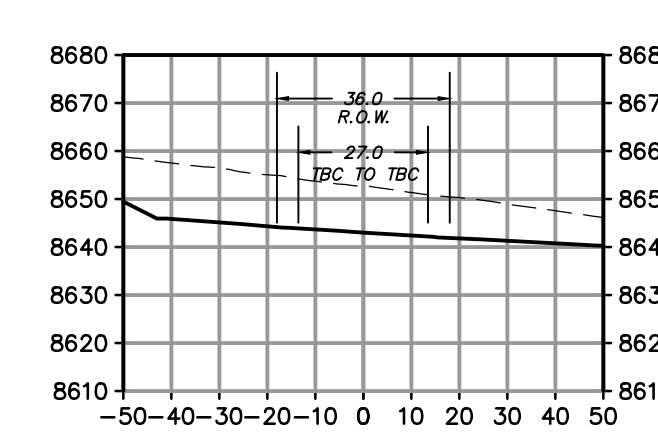
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 V: 1"=40'



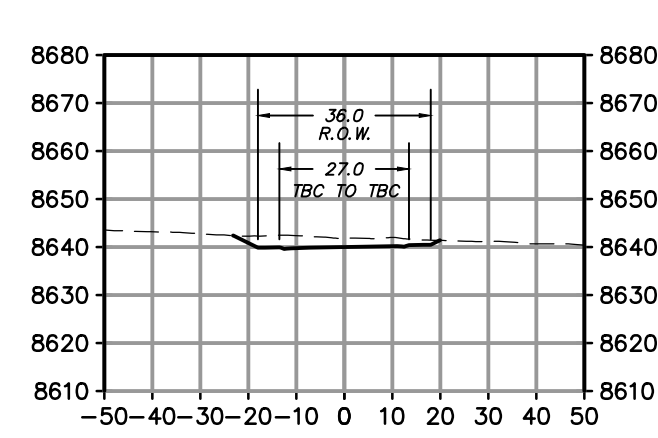
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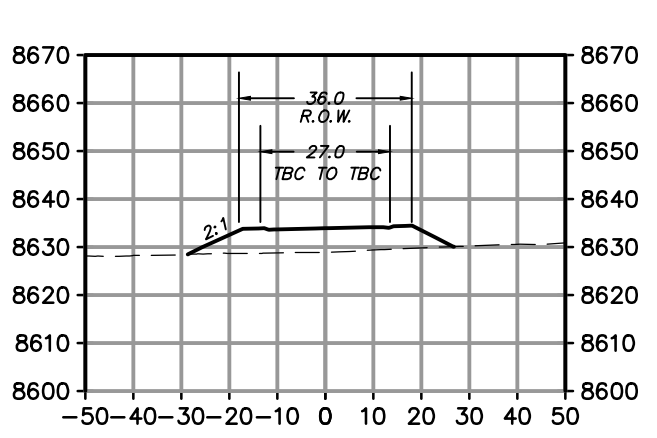
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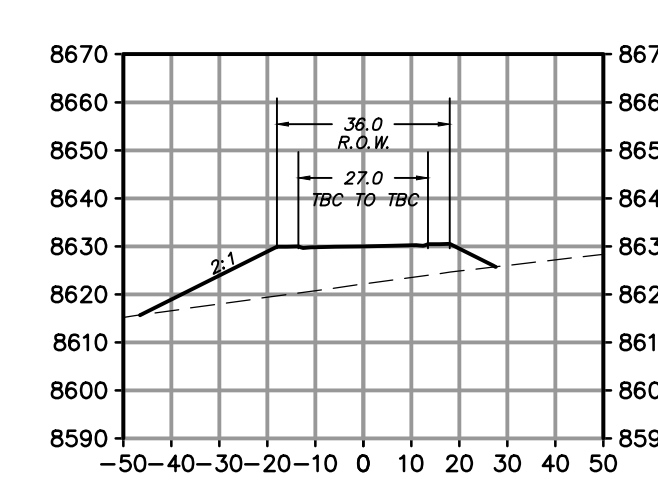
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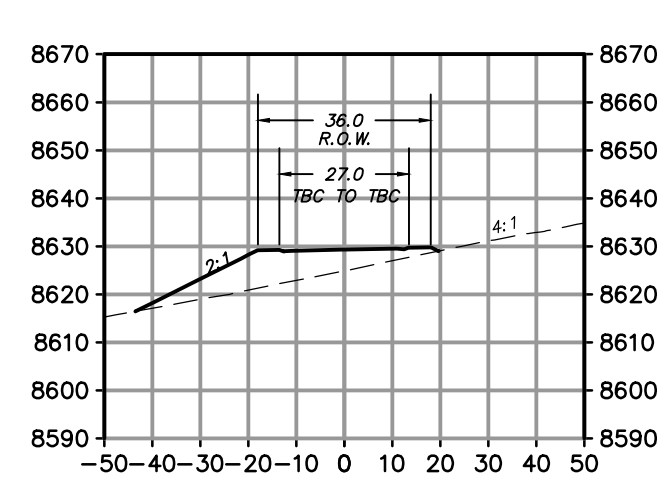
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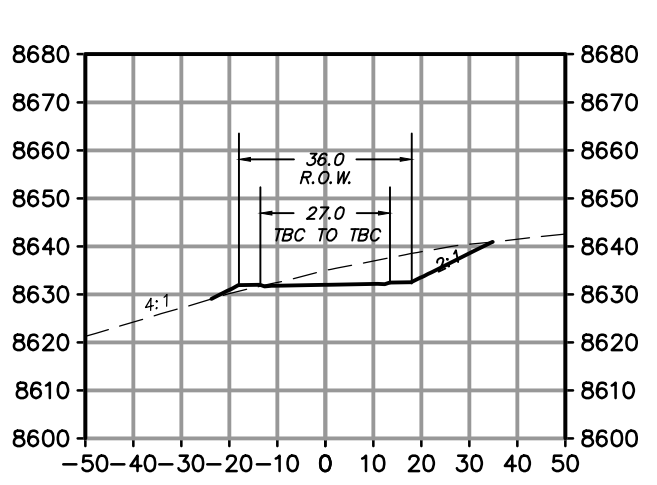
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13+00
 H: 1"=40'
 V: 1"=40'



14+00
 H: 1"=40'
 V: 1"=40'



15+00
 H: 1"=40'
 V: 1"=40'

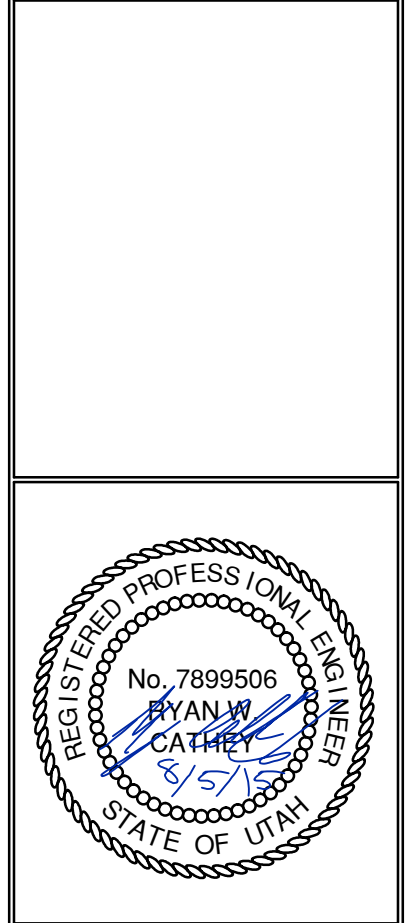


NO.	BY	DATE	REVISIONS

SUMMIT EDEN PHASE 1D
EARTHWORK AND SECTIONS
MERIDIAN AVE & DAYBREAK RIDGE

PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC DATE SUBMITTED: 7/27/2015

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 5217 SOUTH STATE STREET, SUITE 200
 8017431900 TEL. 8017430300 FAX
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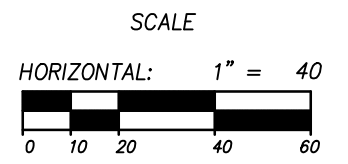


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3.0

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

JOB NUMBER
SLB079306

CAUTION
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EROSION CONTROL GENERAL NOTES:

THE CONTRACTOR TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THIS PROJECT. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO WEBER COUNTY ORDINANCES AND ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE COUNTIES. ALSO, INSPECTORS WILL HAVE THE RIGHT TO CHANGE THE FACILITIES AS NEEDED.

CONTRACTOR SHALL KEEP THE SITE WATERED TO CONTROL DUST. CONTRACTOR TO LOCATE A NEARBY HYDRANT FOR USE AND TO INSTALL TEMPORARY METER. CONSTRUCTION WATER COST TO BE INCLUDED IN BID.

WHEN GRADING OPERATIONS ARE COMPLETED AND THE DISTURBED GROUND IS LEFT "OPEN" FOR 14 DAYS OR MORE, THE AREA SHALL BE FURROWED PARALLEL TO THE CONTOURS.

THE CONTRACTOR SHALL MODIFY EROSION CONTROL MEASURES TO ACCOMMODATE PROJECT PLANNING.

ALL ACCESS TO PROPERTY WILL BE FROM PUBLIC RIGHT-OF-WAYS.

THE CONTRACTOR IS REQUIRED BY STATE AND FEDERAL REGULATIONS TO PREPARE A STORM WATER POLLUTION PREVENTION PLAN AND FILE A "NOTICE OF INTENT" WITH THE UTAH DIVISION OF WATER QUALITY.

MAINTENANCE:

ALL BEST MANAGEMENT PRACTICES (BMP'S) SHOWN ON THIS PLAN MUST BE MAINTAINED AT ALL TIMES UNTIL VEGETATION IS RE-ESTABLISHED.

THE CONTRACTOR'S RESPONSIBILITY SHALL INCLUDE MAKING BI-WEEKLY CHECKS ON ALL EROSION CONTROL MEASURES TO DETERMINE IF REPAIR OR SEDIMENT REMOVAL IS NECESSARY. CHECKS SHALL BE DOCUMENTED AND COPIES OF THE INSPECTIONS KEPT ON SITE.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF BARRIER.

SEDIMENT TRACKED ONTO PAVED ROADS MUST BE CLEANED UP AS SOON AS PRACTICAL, BUT IN NO CASE LATER THAN THE END OF THE NORMAL WORK DAY. THE CLEAN UP WILL INCLUDE SWEEPING OF THE TRACKED MATERIAL, PICKING IT UP, AND DEPOSITING IT TO A CONTAINED AREA.

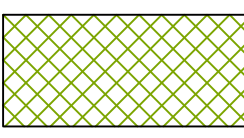
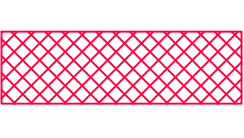
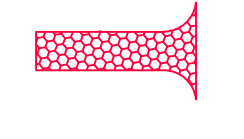



EXPOSED SLOPES:

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
- B) TRACKING STRAW PERPENDICULAR TO SLOPES
- C) INSTALLING A LIGHT-WEIGHT, TEMPORARY EROSION CONTROL BLANKET

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 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 PROJECT PRIOR TO GRADING.

- * SEED MIXTURE FOR REVEGETATION
- 40% MOUNTAIN BROME (BROMUS MARGINATUS)
 - 25% SLENDER WHEATGRASS (ELYMUS TRACHYCAULUS SSP. TRACHYCAULUS)
 - 5% SHEEP FESCUE (FESTUCA OVINA SPP. DURIUSCULA)
 - 5% ALPINE BLUEGRASS (POA ALPINE)
 - 25% THICKSPIKE WHEATGRASS (ELYMUS LANCEOLATUS SSP. LANCEOLATUS)

SEEDING RATE IS 40 POUNDS PER ACRE.

**SUMMIT EDEN PHASE 1D
EROSION CONTROL PLAN**

NO.	BY	DATE	REVISIONS

DATE SUBMITTED: 7/27/2015

PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC

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REGISTERED PROFESSIONAL ENGINEER
No. 7899506
RYAN W. CATHEY
8/5/15
STATE OF UTAH

SHEET NUMBER
4.0

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

JOB NUMBER
SLB079306



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Flared End Section for Round Pipe

Diagn	Slope X : Y	A	B	C	E	F	G
12"	2.4 : 1	4"	24"	48 3/4"	72 3/4"	24"	2"
15"	2.4 : 1	6"	27"	46"	73"	30"	2 1/2"
18"	2.5 : 1	9"	27"	46"	73"	36"	2 1/2"
24"	2.5 : 1	12"	27"	46"	73"	48"	3"
30"	2.5 : 1	15"	27"	46"	73"	60"	3 1/2"
36"	2.5 : 1	18"	27"	46"	73"	72"	4"
42"	2.5 : 1	21"	27"	46"	73"	84"	4 1/2"
48"	2.5 : 1	24"	27"	46"	73"	96"	5"

Oldcastle Precast
 801 West 12th Street, Ogden, Utah 84404
 Phone: 801-399-1171 Fax: 801-392-7849
 FILE NAME: 210DPERNFLARE
 ISSUE DATE: 5/2008
 www.oldcastleprecast.com
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SINGLE GRATE

FRAME AND GRATE (PLAN 309)
 (4) #4x18" (PLAN 206)
 (4) 'L' BARS
 WARP LINE
 CONSTRUCTION JOINT
 12"
 8" #4 BAR
 'L' BAR DETAIL

FLOW LINE DROP (NOTE 3B)
 'L' BAR
 DO NOT USE 'L' BARS FOR FRAME SUPPORT
 CURB HEIGHT
 INVERT OF GUTTER
 BOTTOM OF GUTTER
 BACKFILL
 BASE COURSE
 SECTION A-A

SECTION B-B
 #4 BAR @ 12" O.C. EACH WAY ALL AROUND
 SECTION C-C
 5'-0" MAX
 12" MIN

Plan **315**
 Sheet 1 of 2
 September 2010 155

DOUBLE GRATE

FRAME AND GRATE (PLAN 309)
 (4) 'L' BARS
 (2) BARS (PLAN 206)
 WARP LINE
 CONSTRUCTION JOINT
 12"
 8" #4 BAR
 'L' BAR DETAIL

FLOW LINE DROP (NOTE 3B)
 'L' BAR
 DO NOT USE 'L' BARS FOR FRAME SUPPORT
 CURB HEIGHT
 INVERT OF GUTTER
 BOTTOM OF GUTTER
 BACKFILL
 BASE COURSE
 SECTION A-A

SECTION B-B
 #4 BAR @ 12" O.C. EACH WAY ALL AROUND
 SECTION C-C
 5'-0" MAX
 12" MIN

Plan **315**
 Sheet 2 of 2
 September 2010 157

GRID GRATE

FRAME
 GRATE
 PRY HOLE
 SECTION A-A
 SECTION B-B
 SECTION C-C
 SECTION D-D
 DETAIL 1

47 3/4" Grate and frame
 Plan **309**
 Sheet 2 of 2
 June 2006 151

REVISIONS
 NO. BY DATE
 PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC
 DATE SUBMITTED: 7/27/2015

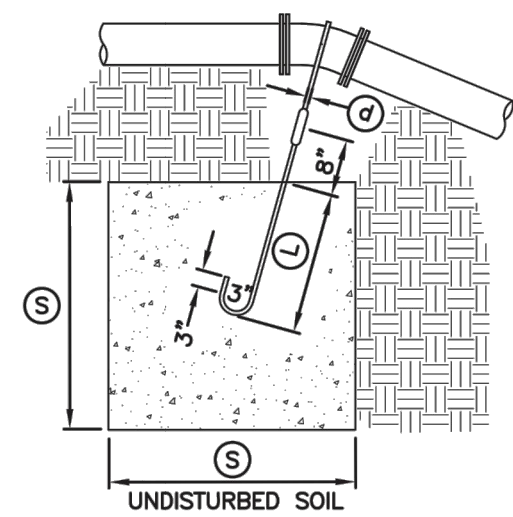
SUMMIT EDEN PHASE 1D
STORM DRAIN
DETAILS

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REGISTERED PROFESSIONAL ENGINEER
 No. 7899506
 RYAN W. CATHEY
 8/5/15
 STATE OF UTAH

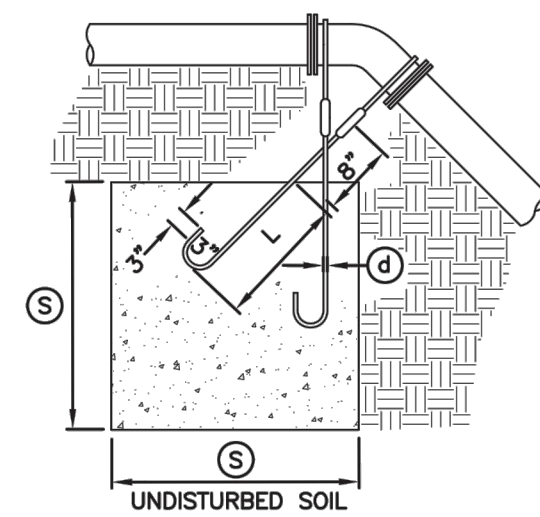
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 JOB NUMBER
SLB079306





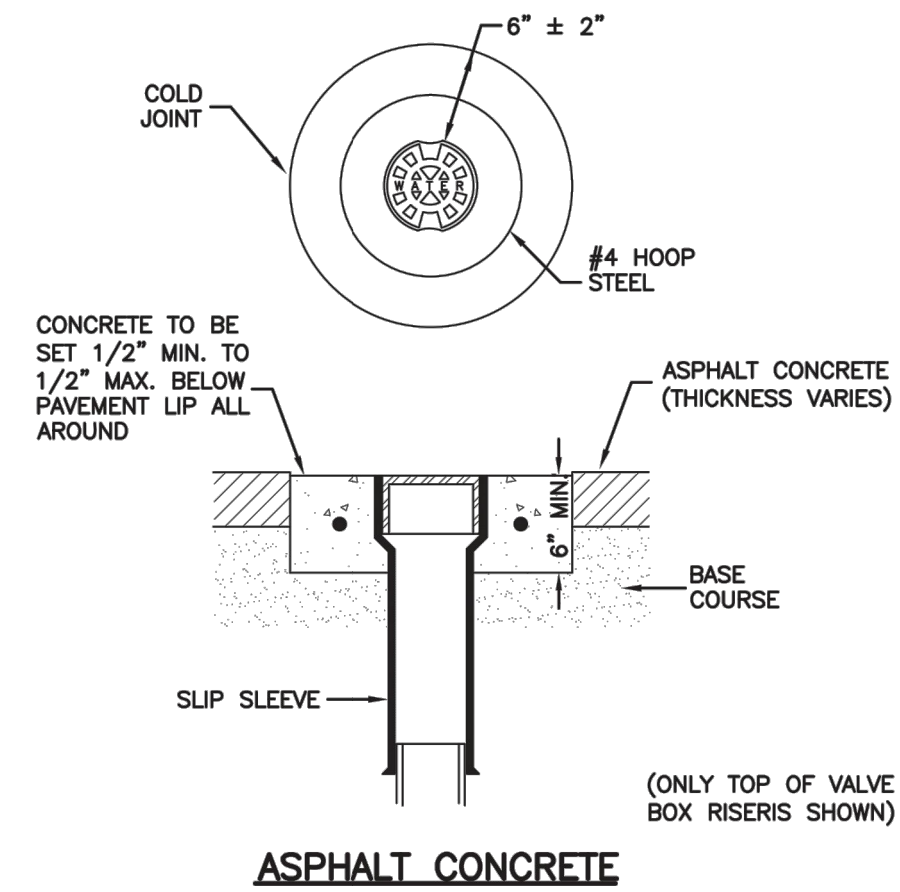
TYPE A RESTRAINT
 FOR 11 1/4" - 22 1/2" VERTICAL BENDS

PIPE SIZE NOMINAL DIAMETER - INCH	VERTICAL BEND IN DEGREES	CONCRETE BLOCKING IN CUBIC FEET	SIDE OF CURVE - FEET	DIAMETER OF SHANK OR REBAR RODS - INCH	DEPTH OF ROD CONCRETE - FEET
4"	11 1/4"	8	2.0	5/8"	1.5
	22 1/2"	15.6	2.5	5/8"	2.0
6"	11 1/4"	15.6	2.5	5/8"	2.0
	22 1/2"	34.3	3.25	5/8"	2.0
8"	11 1/4"	27	3.0	5/8"	2.0
	22 1/2"	64	4.0	5/8"	2.0
12"	11 1/4"	64	4.0	5/8"	2.0
	22 1/2"	125	5.0	3/4"	3.0
16"	11 1/4"	107	4.25	7/8"	3.0
	22 1/2"	216	6.0	7/8"	3.0
20"	11 1/4"	138	5.17	1"	3.5
	22 1/2"	334	6.94	1"	4.0
24"	11 1/4"	240	6.22	1"	4.0
	22 1/2"	478	7.81	1"	4.0
30"	11 1/4"	369	7.17	1"	4.0
	22 1/2"	733	9.02	1"	4.0

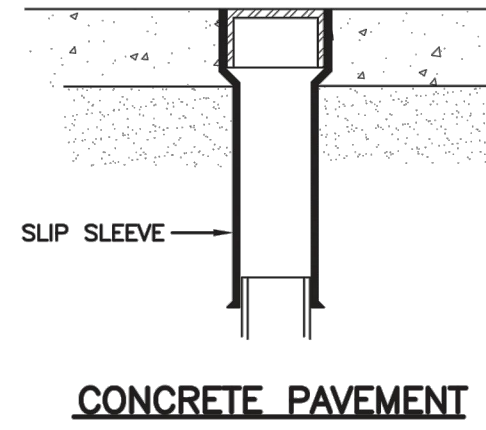


TYPE B RESTRAINT
 FOR 45" VERTICAL BENDS

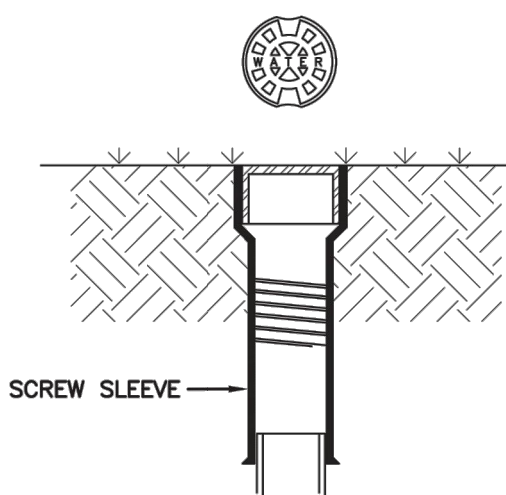
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4"	45"	1	3.0	5/8"	2.0
6"		2.37	4.0	5/8"	2.5
8"		3.97	4.75	5/8"	3.0
12"		9.04	6.25	5/8"	4.0
16"		17.24	7.75	3/4"	4.0
20"		26.52	9.25	3/4"	4.0
24"		37.82	10.07	3/4"	4.0
30"		58.26	11.63	3/4"	4.0



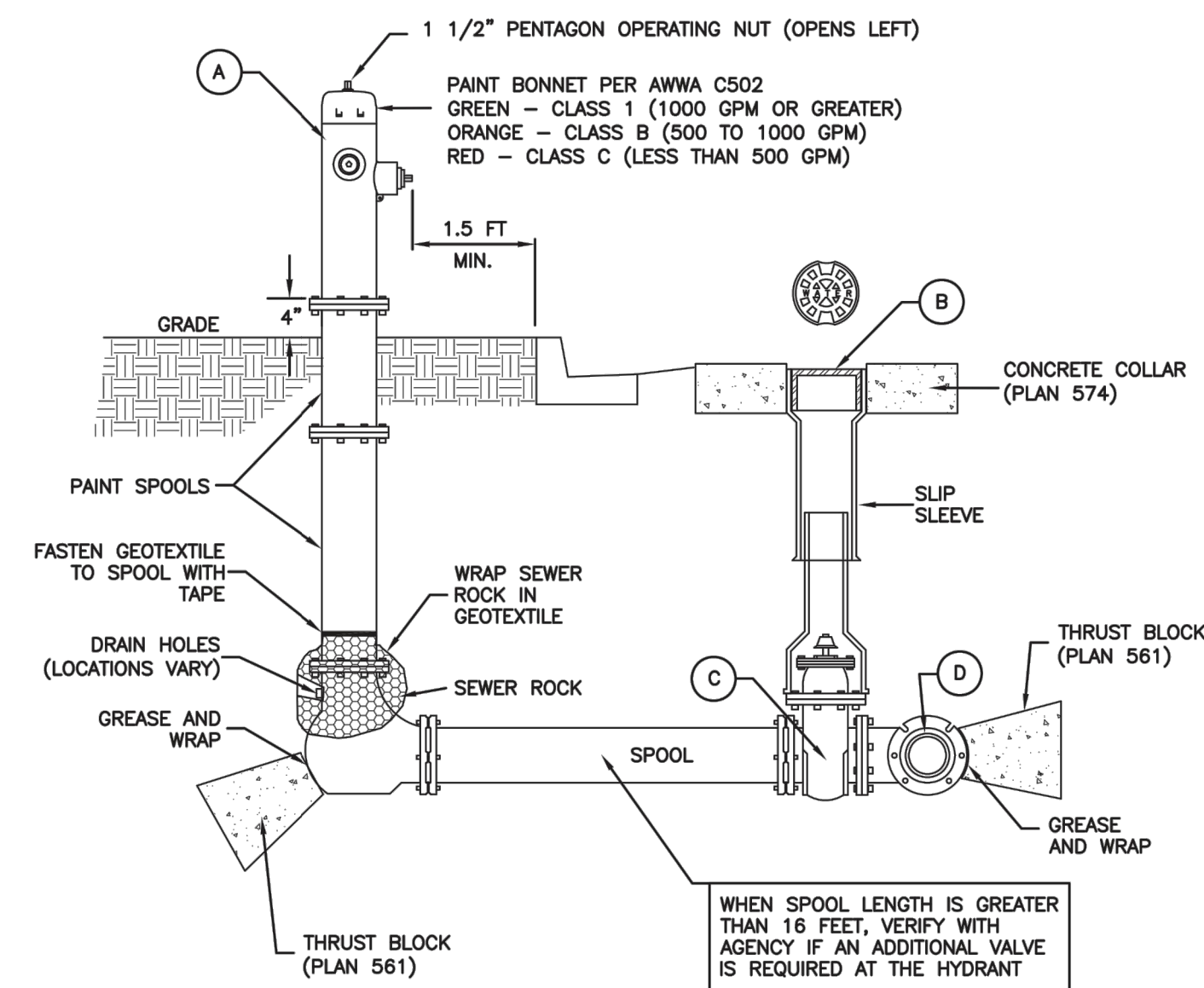
ASPHALT CONCRETE



CONCRETE PAVEMENT



LANDSCAPED AREA

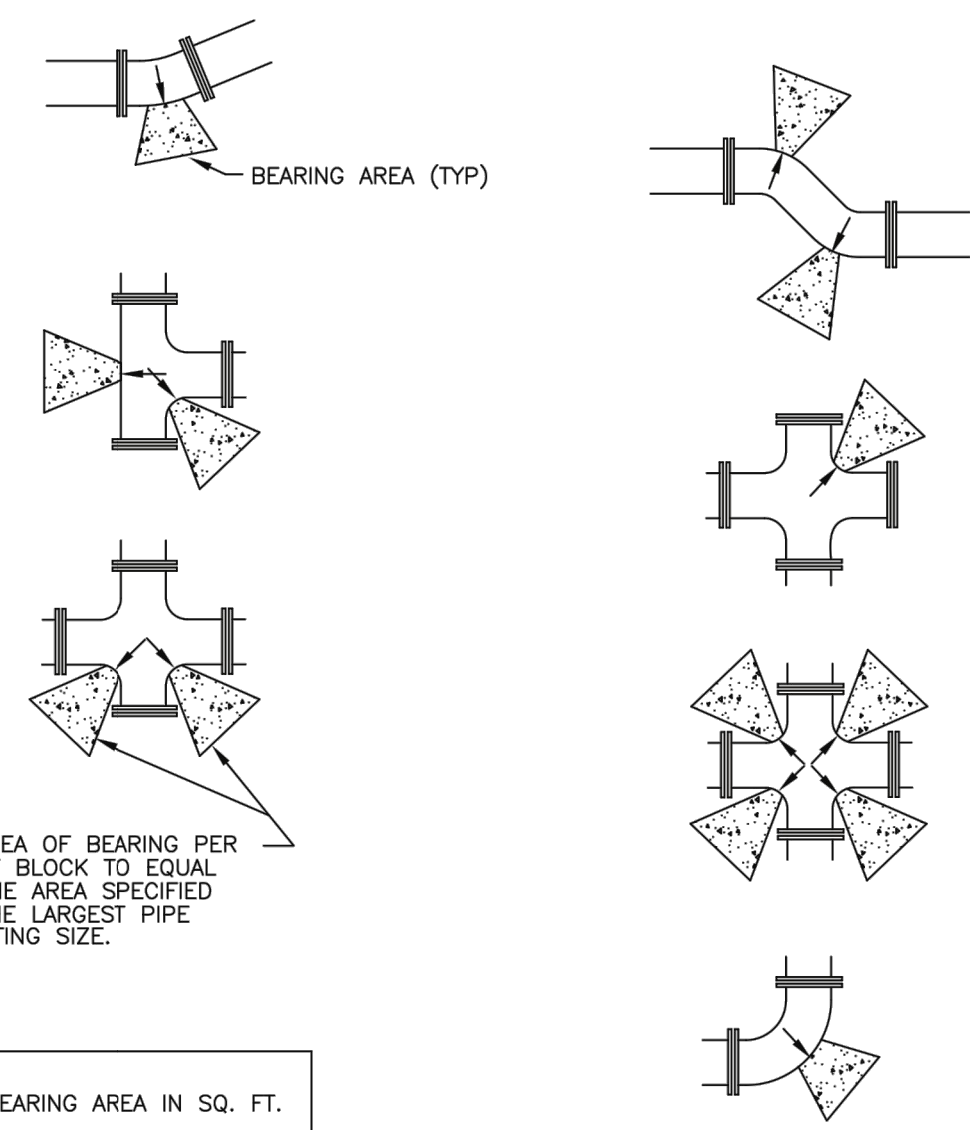


No.	*	ITEM	DESCRIPTION
(A)		FIRE HYDRANT	AWWA C502
(B)		VALVE BOX WITH LID	2-PIECE CAST IRON
(C)		GATE VALVE WITH 2" X 2" NUT	AWWA C509
(D)		TEE WITH 125 # FLANGE	AWWA C110

* FURNISHED BY UTILITY AGENCY

SECTION

Tie-down thrust restraints Plan 562
 April 1997 269

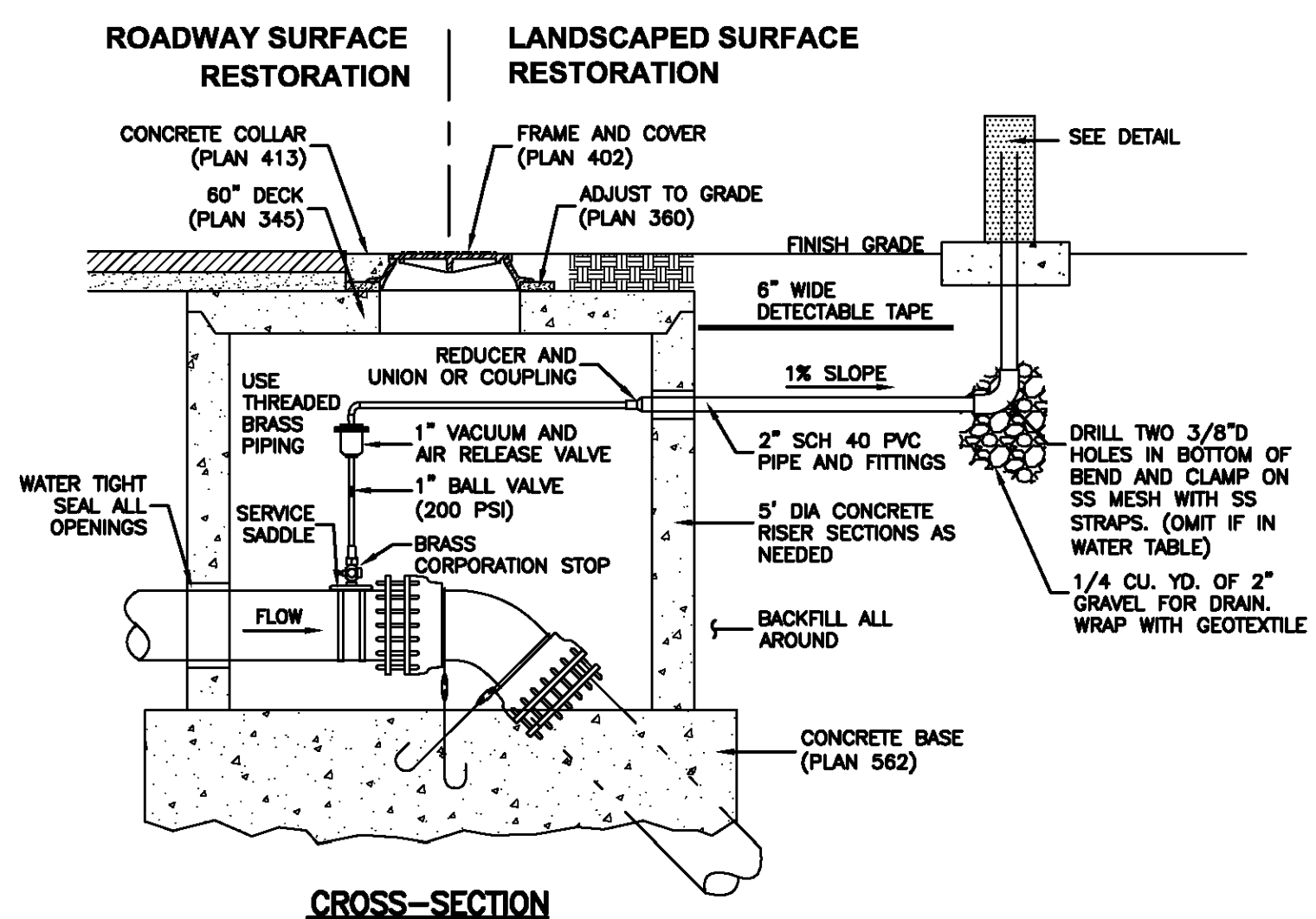


SIZE OF PIPE	TEES, VALVES, DEAD ENDS	90° BENDS	45° BENDS	22 1/2° BENDS	11 1/4° BENDS
4"	2	3	2	2	2
6"	4	5.5	3	1.5	1
8"	6.5	9.5	5	2.75	1.5
12"	14	20	11	5.5	3
14"	19	26.5	14.5	7.5	4
16"	24	34	18.5	9.5	6
20"	27	52	28.5	14.5	16
24"	53	74	41	21	53
30"	81	114	62	32	16

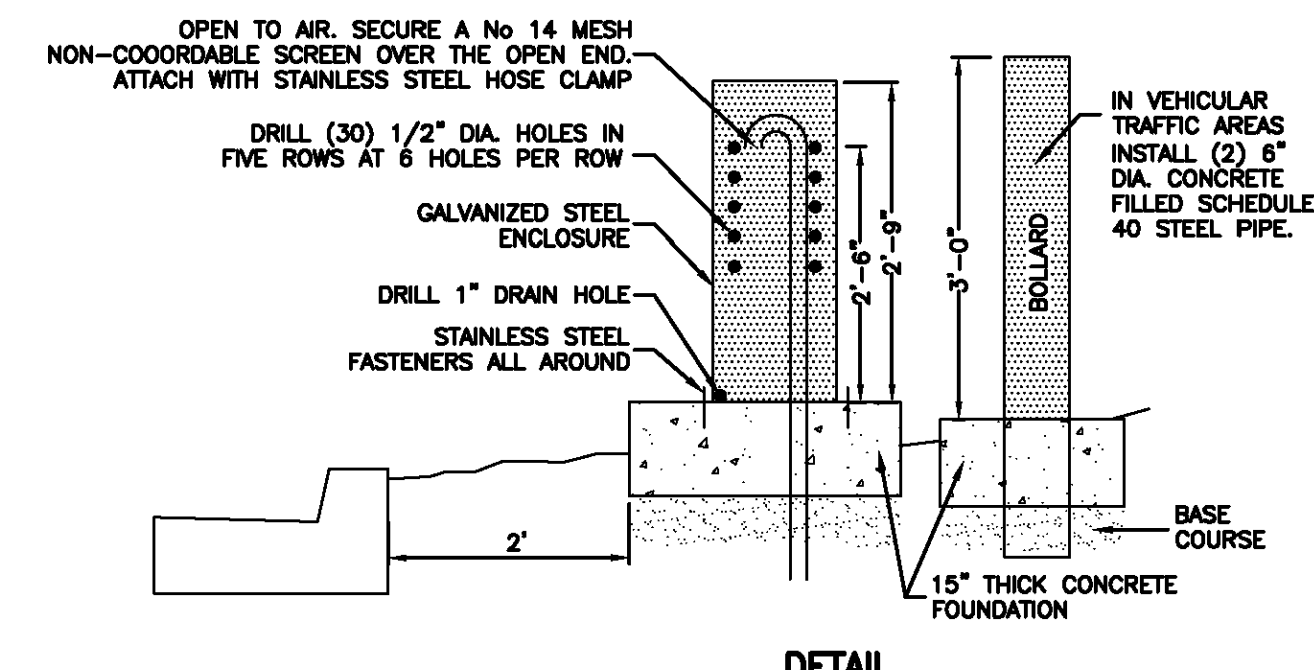
Direct bearing thrust block

April 1997 239

Cover collar for water valve box Plan 574
 August 2010 277



CROSS-SECTION



DETAIL

Air release assembly

February 2011 279

Fire hydrant with valve Plan 511
 February 2011 237

SUMMIT EDEN PHASE 1D
WATER DETAILS

NO.	DATE	BY	REVISIONS

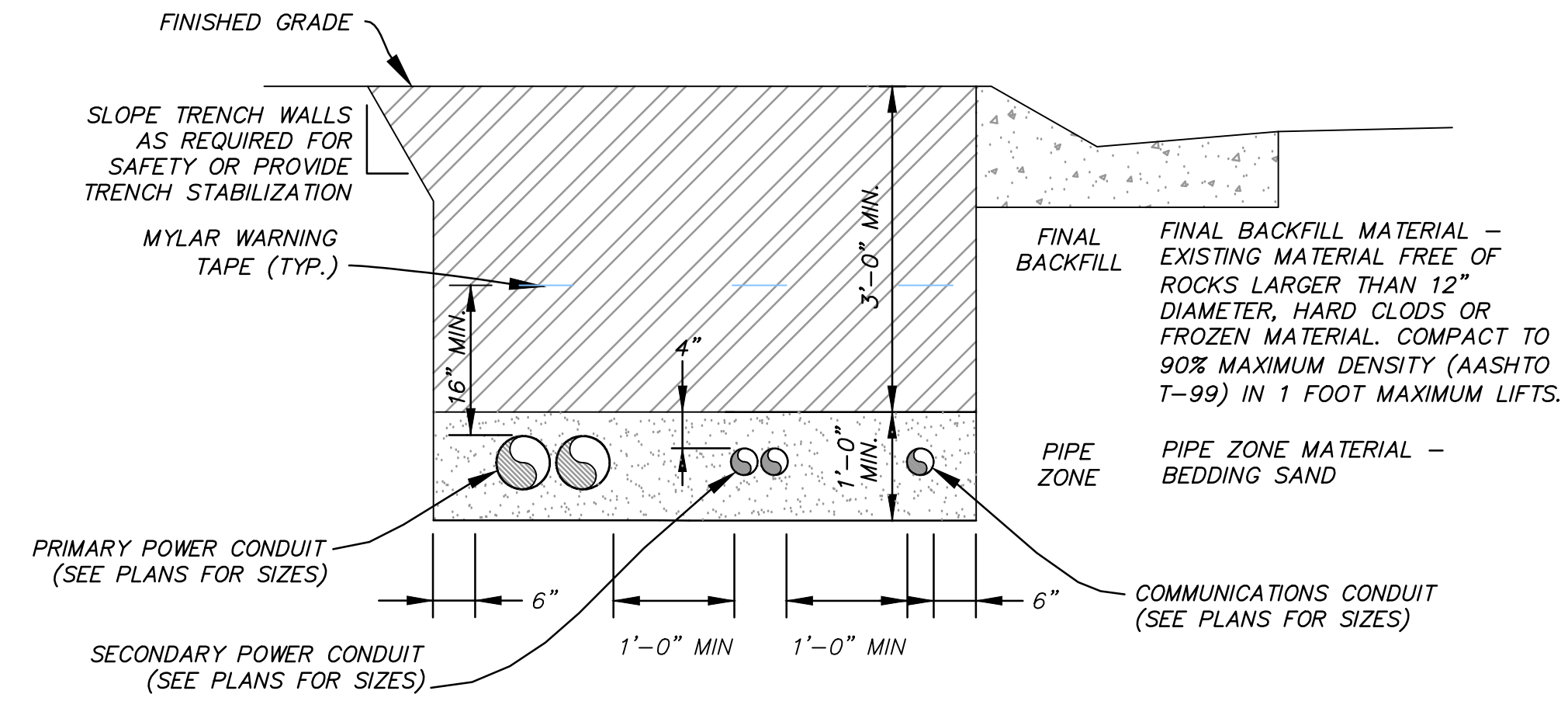
PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC DATE SUBMITTED: 7/27/2015

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SHEET NUMBER	5.1
SCALE	VERTICAL: 1" = N/A HORIZONTAL: 1" = N/A
JOB NUMBER	SLB079306

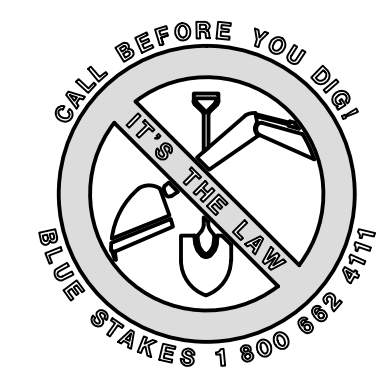




NOTE: EACH CONDUIT REQUIRES 25001b MULE TAPE WITHIN

POWER CONDUIT TRENCH

VAR NTS



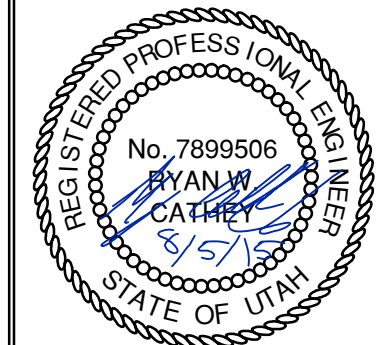
NO.	BY	DATE	REVISIONS

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SUMMIT EDEN PHASE 1D
ELECTRICAL DETAILS

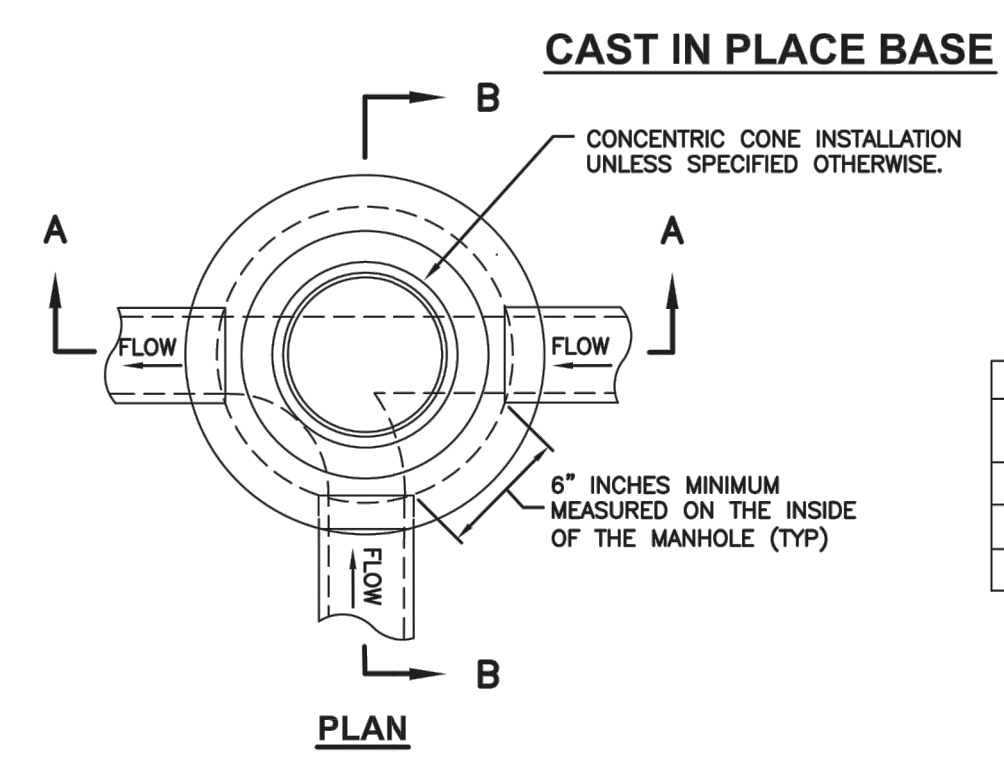
PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC DATE SUBMITTED: 7/27/2016

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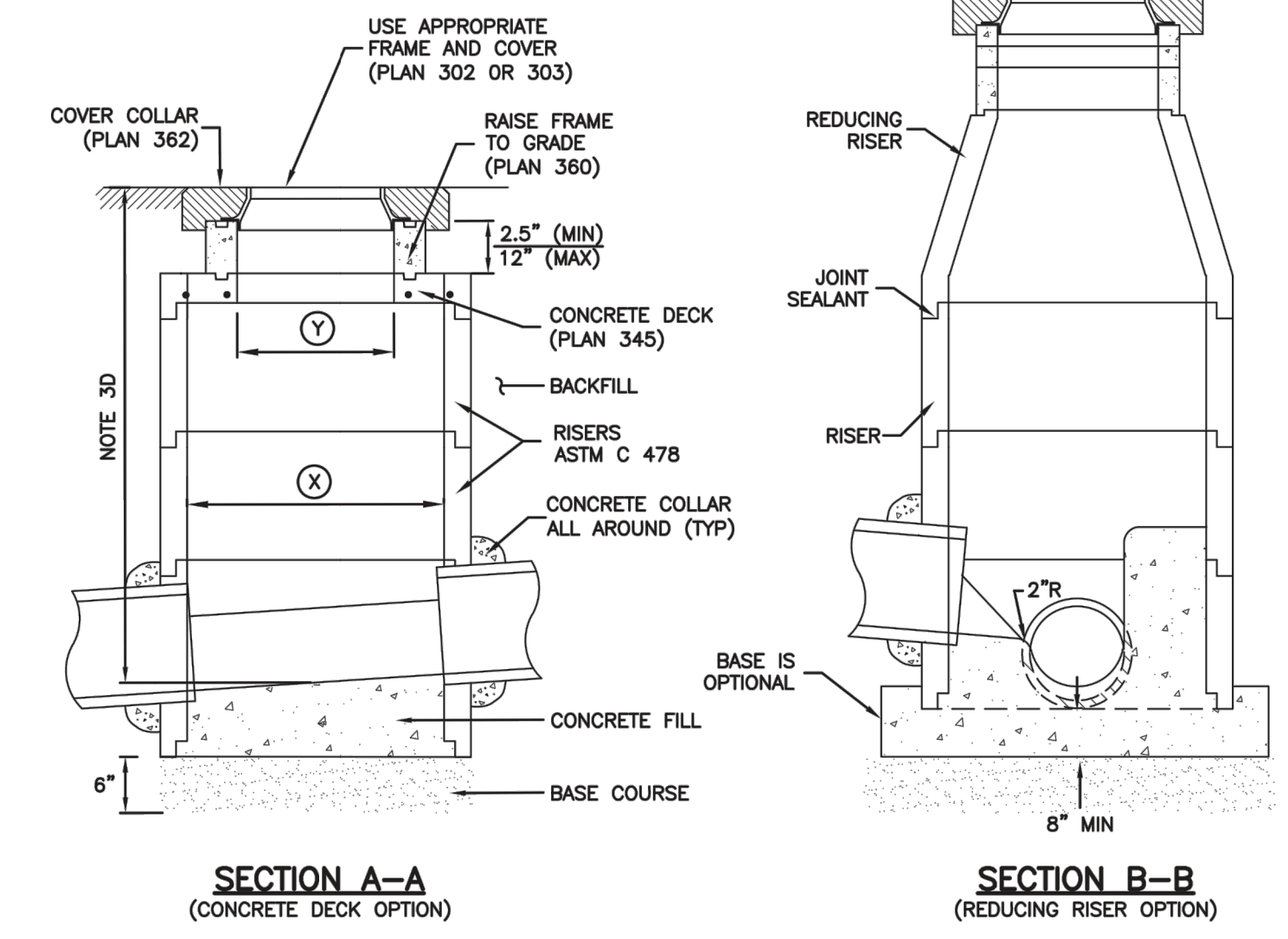


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JOB NUMBER	SLB079306

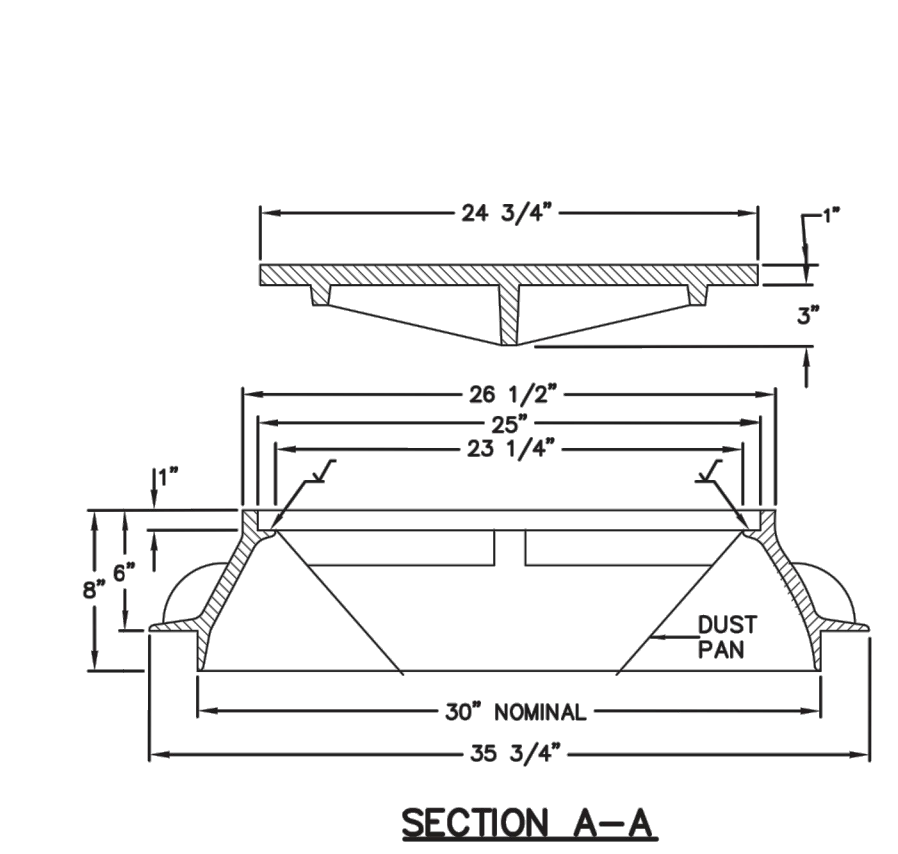
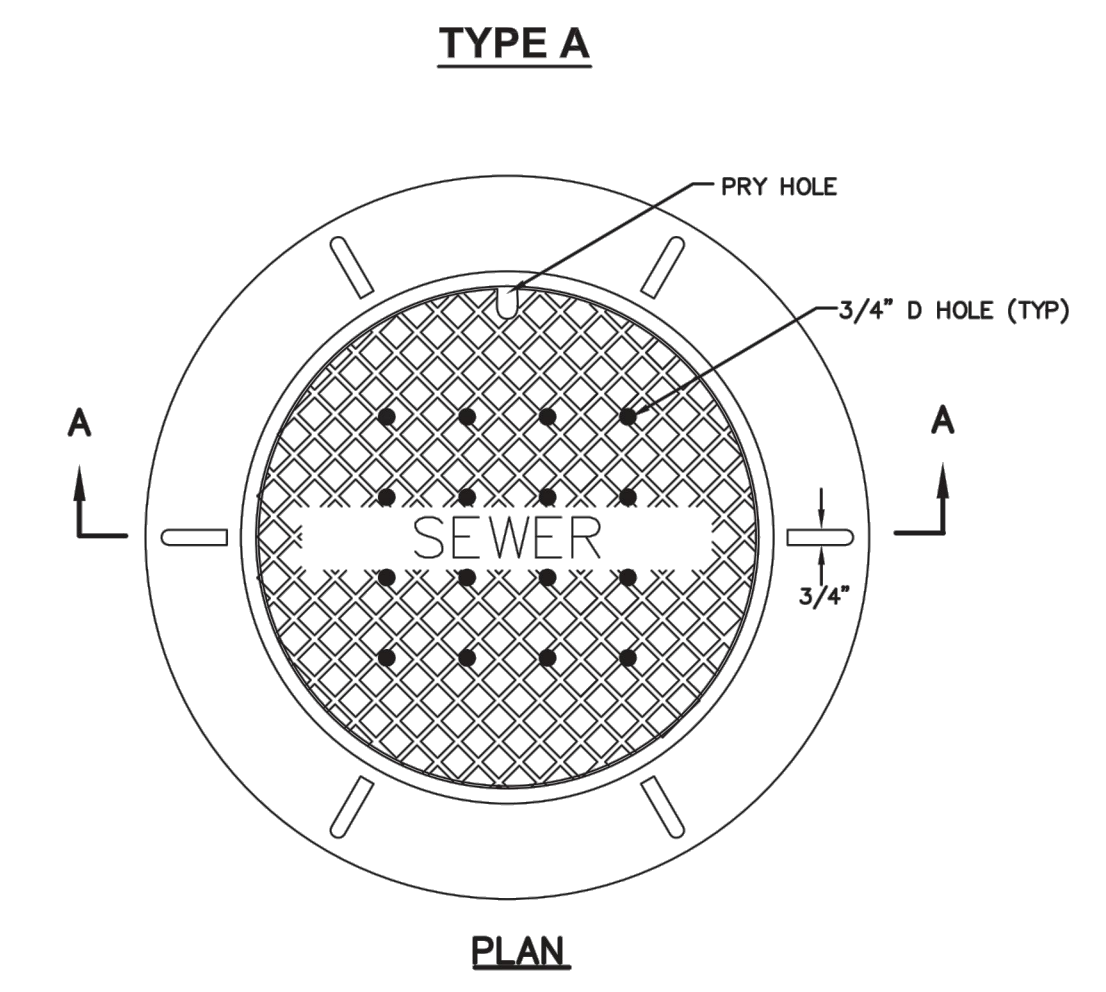
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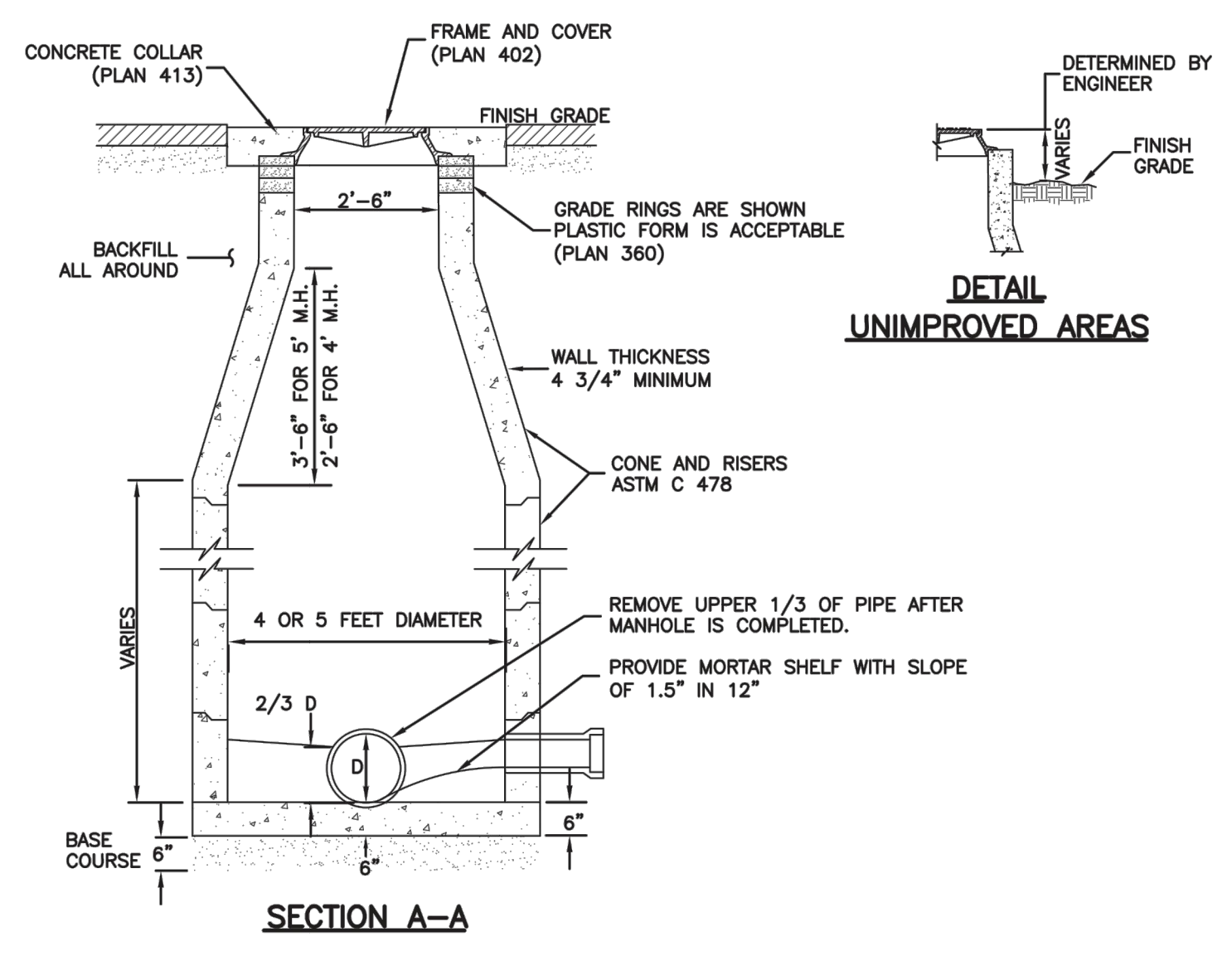
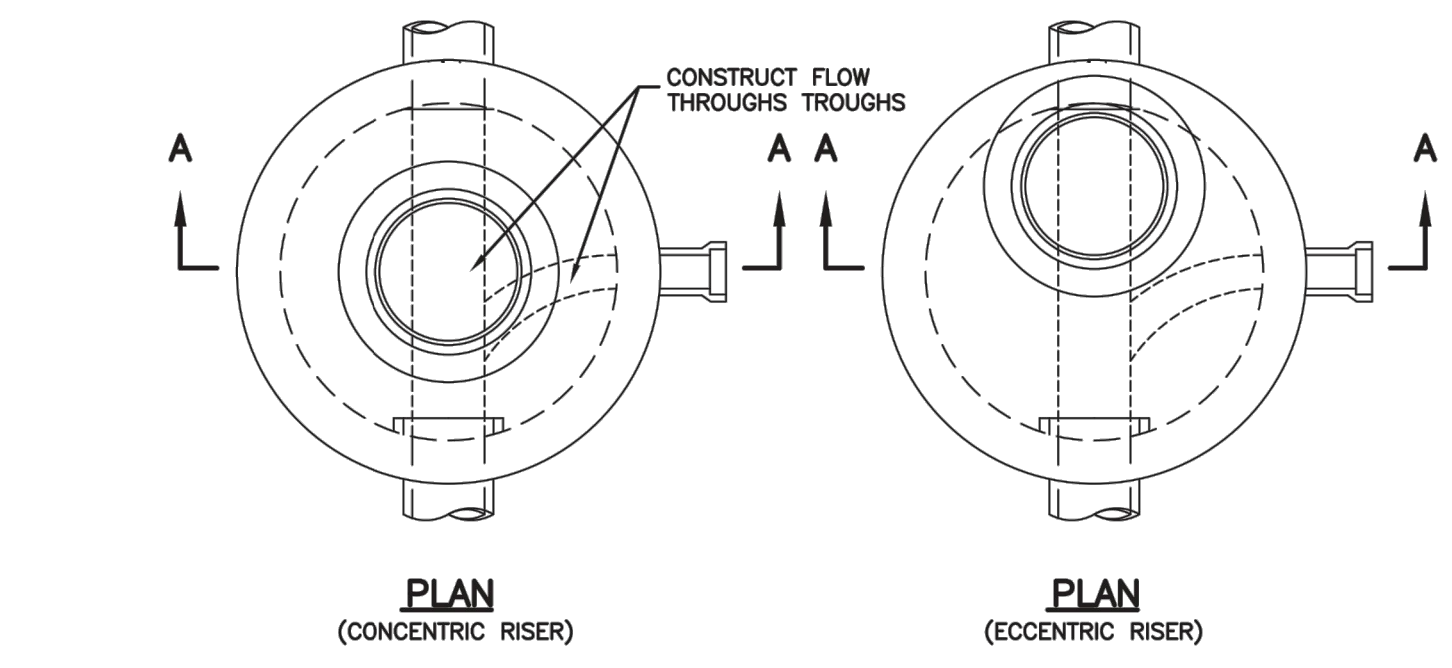
MANHOLE STYLE	DIMENSION	
A	⊗=48" ⊙=30"	
B	⊗=60" ⊙=44"	
C	⊗=60" ⊙=30"	



Precast manhole Plan 341
 November 2010 187 Sheet 1 of 2

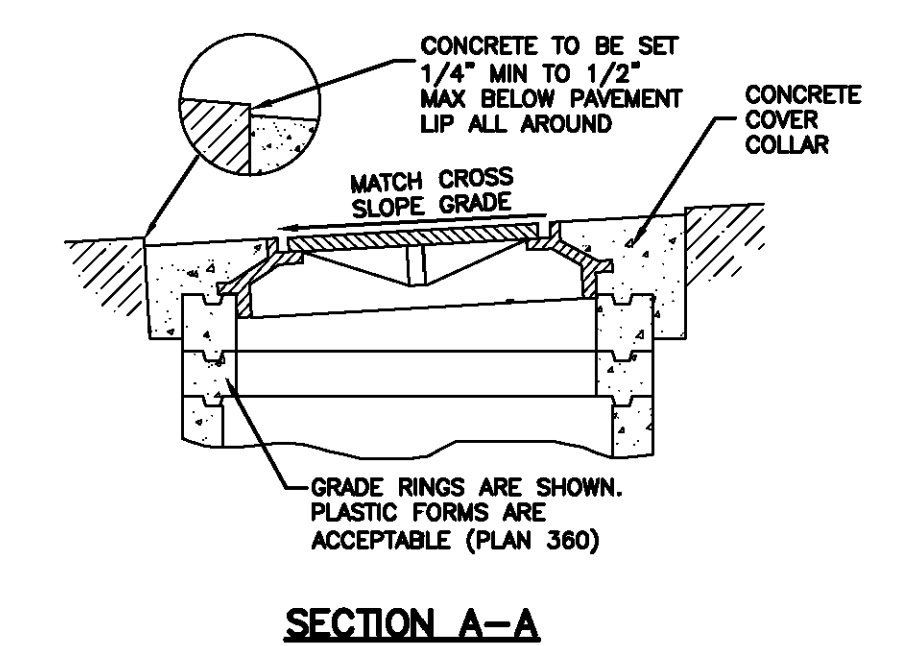
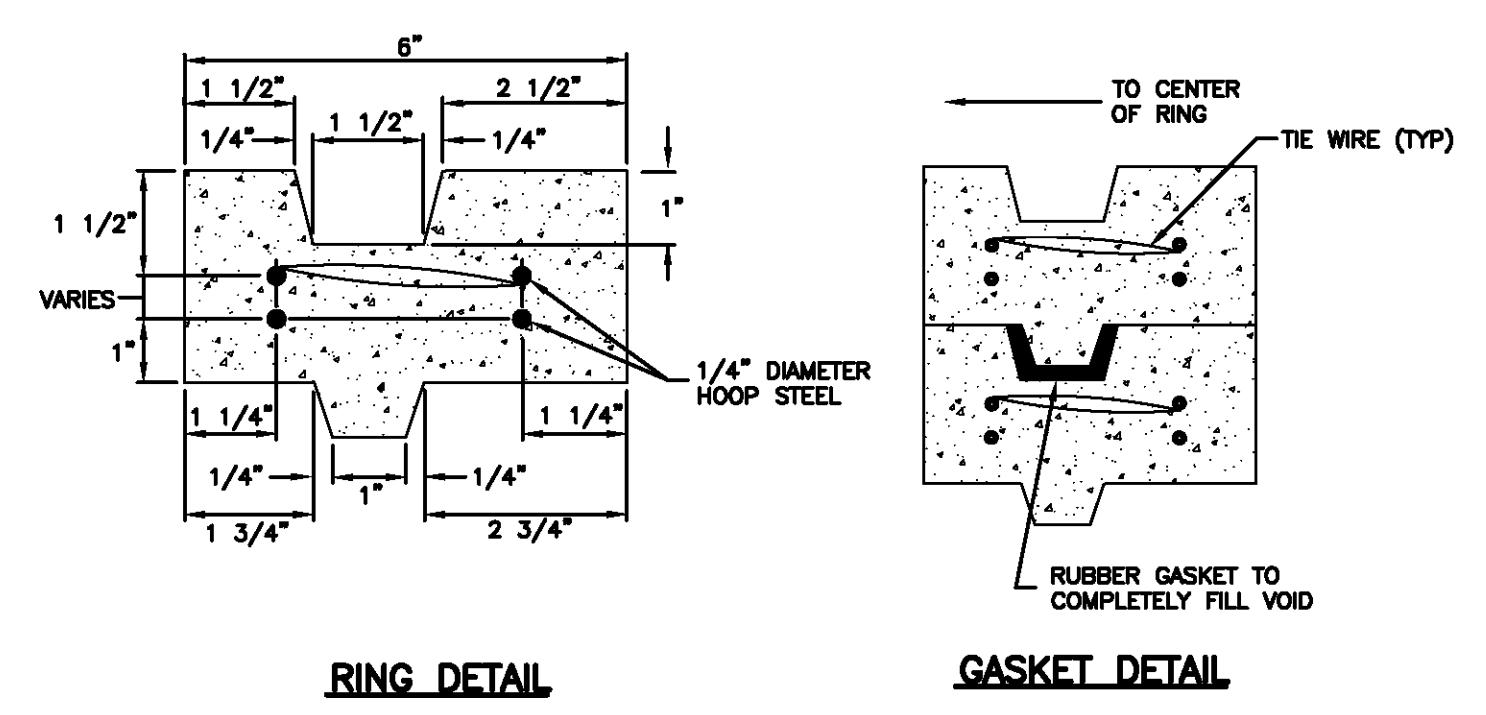
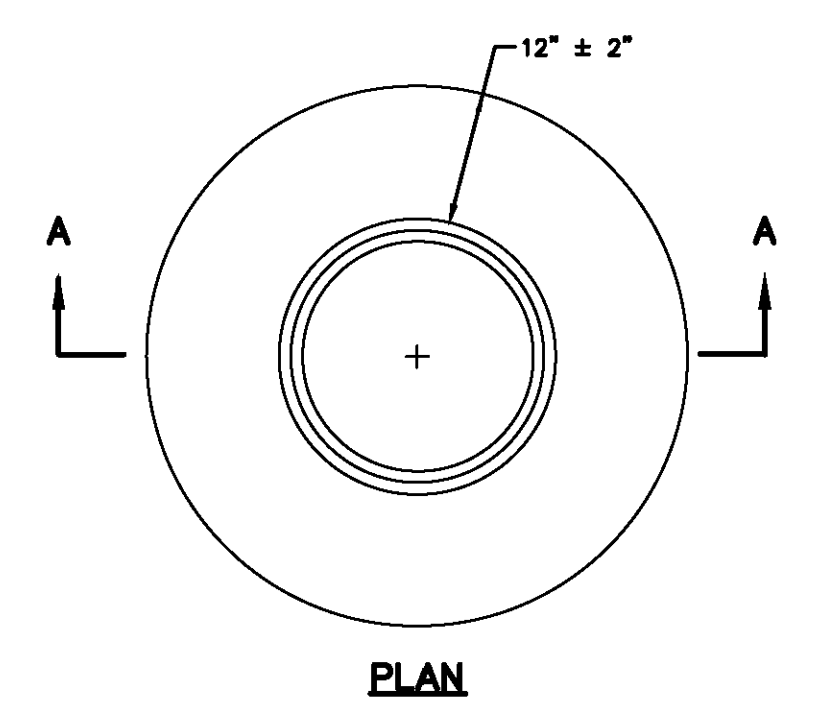
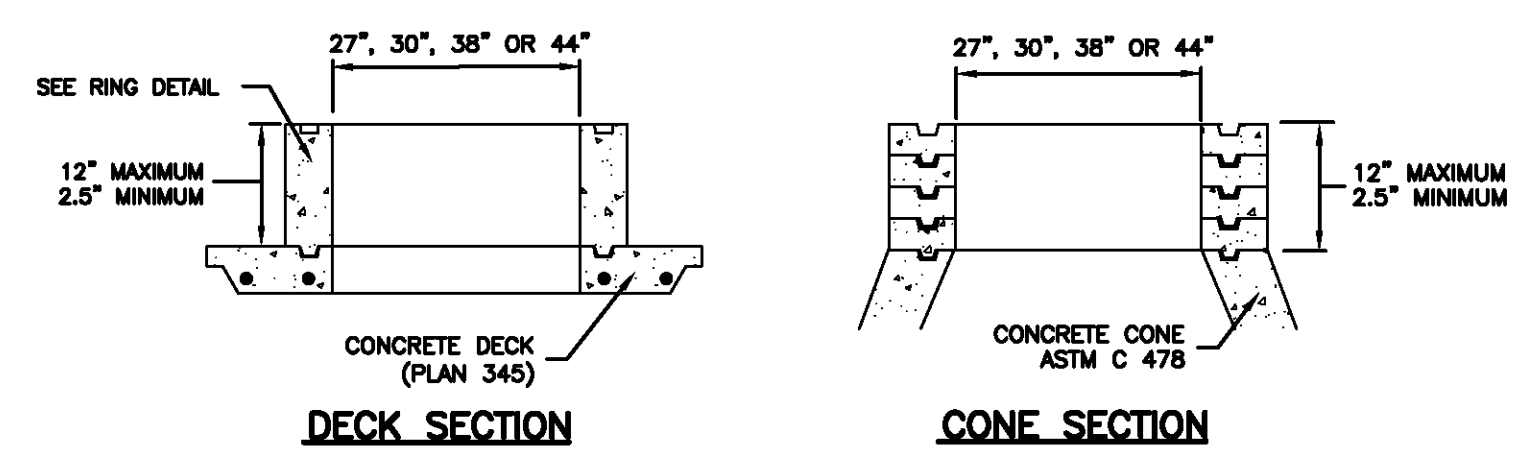


30" Frame and cover Plan 402
 April 1997 211

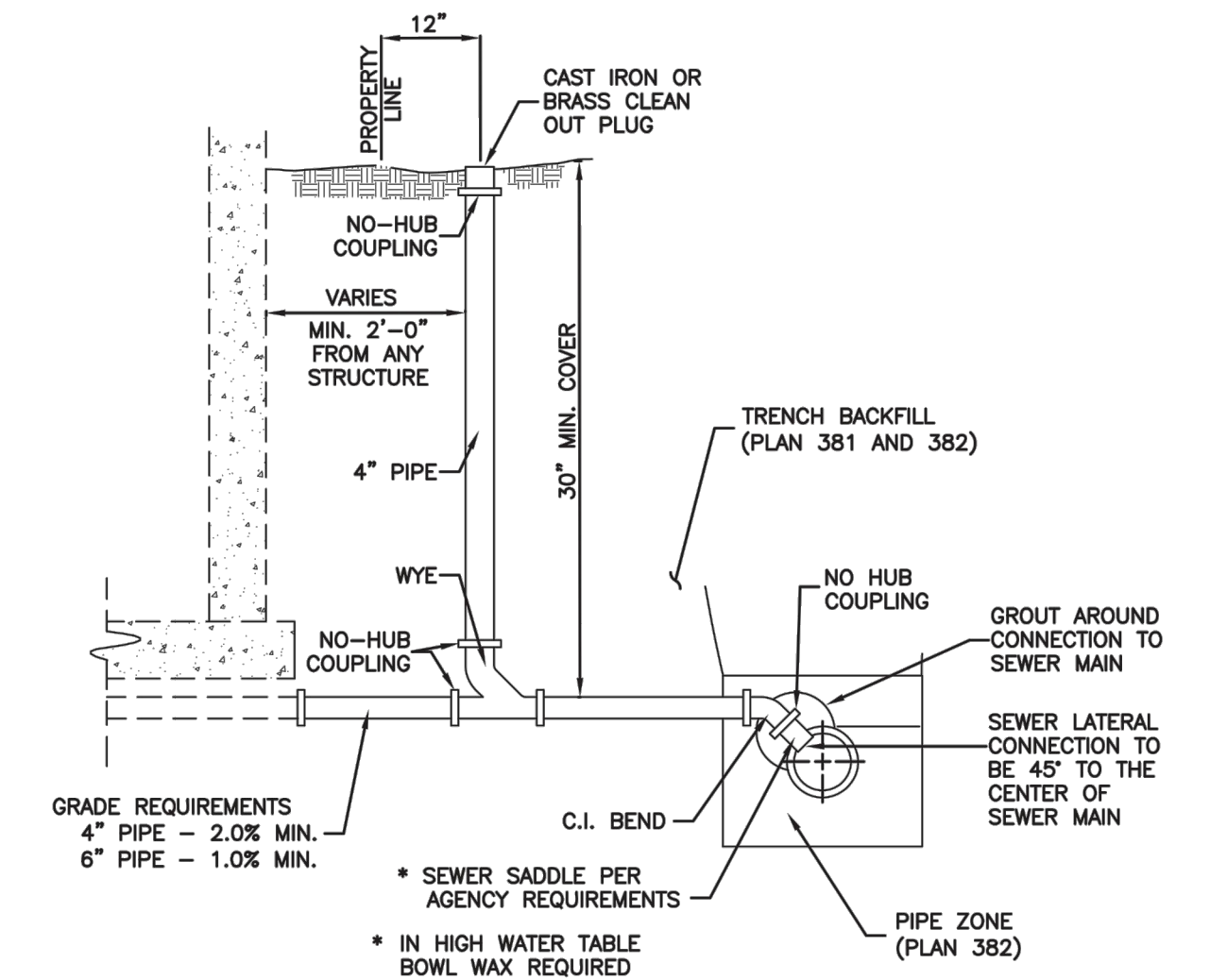


Sanitary sewer manhole Plan 411
 April 2011 213

GRADE RING



Cover collar for sanitary sewer manhole Plan 413
 September 2001 217



Sewer lateral connection Plan 341
 January 2011 219

Raise frame to grade Plan 360
 May 2008 193 Sheet 1 of 2

NO.	BY	DATE	REVISIONS

SUMMIT EDEN PHASE 1D
SEWER DETAILS

PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC

DATE SUBMITTED: 7/27/2015

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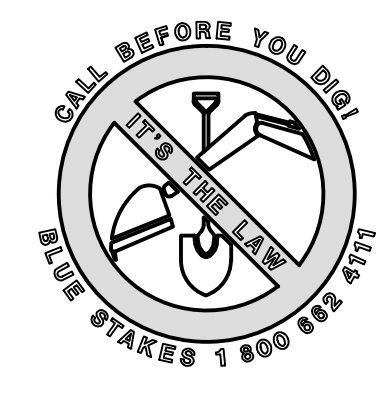
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 8/5/15
 STATE OF UTAH

SHEET NUMBER
5.3

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

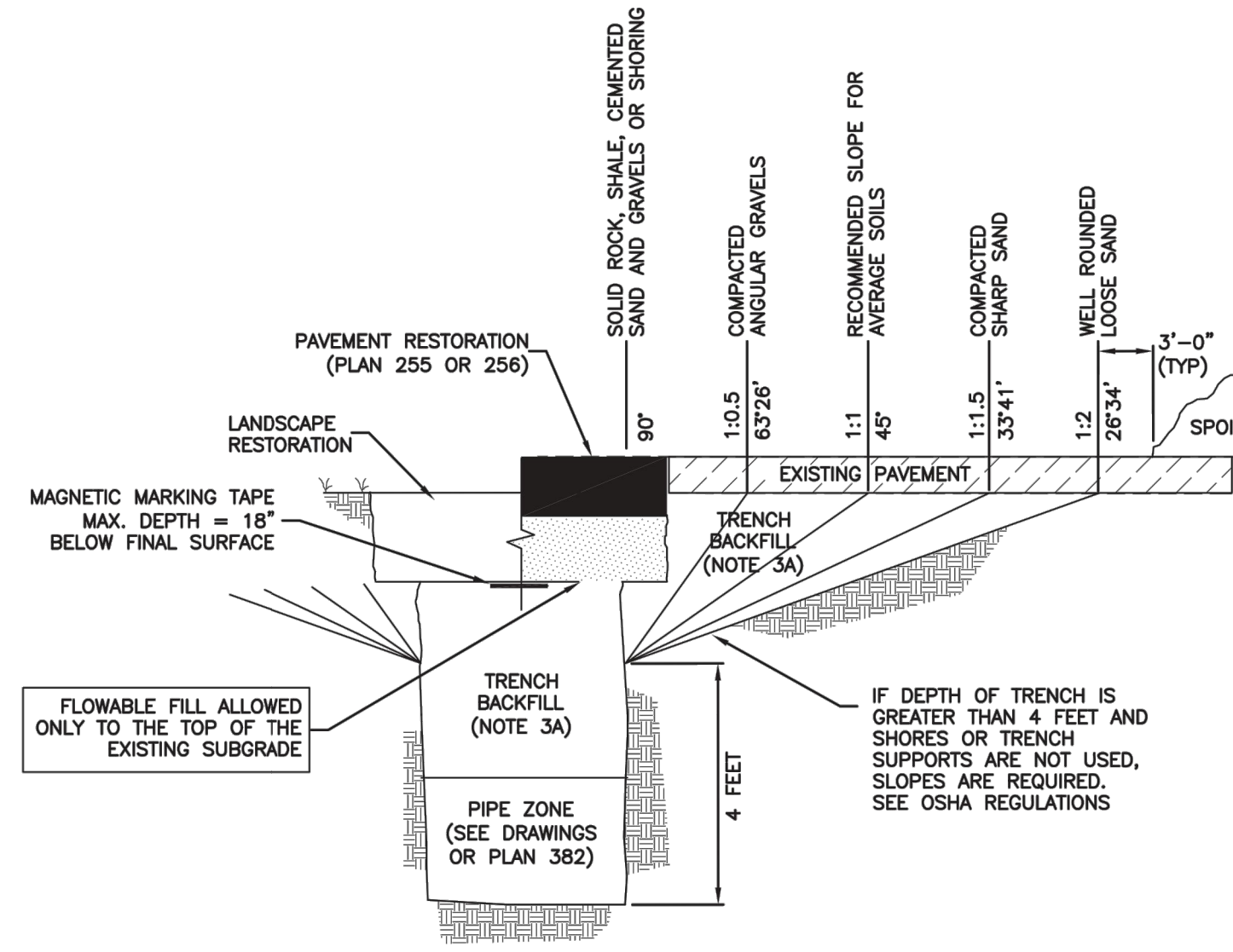
JOB NUMBER
SLB079306



BOWDEN
 XREFS:

Trench backfill

1. **GENERAL**
 - A. The drawing applies to backfilling the trench above the pipe zone.
2. **PRODUCTS**
 - A. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 3-inches.
 - B. Flowable Fill: Target is 60 psi in 28 days with 90 psi maximum in 28 days, APWA Section 31 05 15. It must flow easily requiring no vibration for consolidation.
3. **EXECUTION**
 - A. Trench Backfill:
 - 1) DO NOT USE sewer rock, pea gravel, or recycled RAP aggregate as trench backfill.
 - 2) Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 26.
 - 3) Water jetting is NOT allowed.
 - 4) Submission of quality control compaction test result data developed for haunching areas may be requested by ENGINEER at any time. Provide results of tests immediately upon request.
 - B. Flowable Fill: When required, place controlled low strength material in the trench, APWA Section 31 05 15. Cure the fill before placing surface restorations.
 - C. Surface Restoration:
 - 1) Landscaped Surface: Rake to match existing grade. Replace vegetation to match pre-construction conditions. Follow APWA Section 32 93 00 (turf or grass) or APWA Section 32 93 13 (ground cover) requirements.
 - 2) Paved Surface: Do not install asphalt or concrete surfacing until trench compaction is acceptable to ENGINEER. Follow APWA Section 33 05 25 (asphalt surfacing), or APWA Section 33 05 25 (concrete surfacing).



Trench backfill

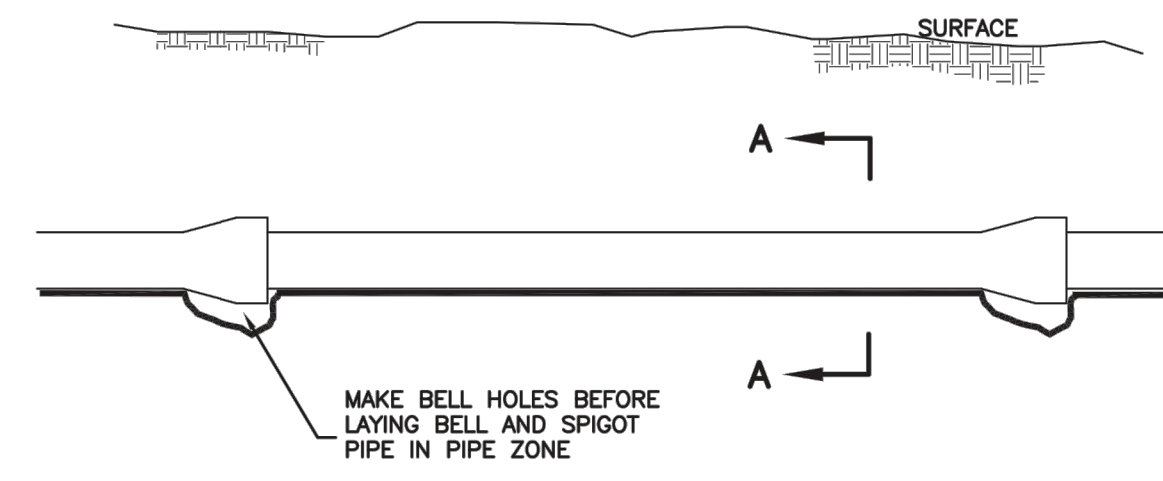
Plan
381

202

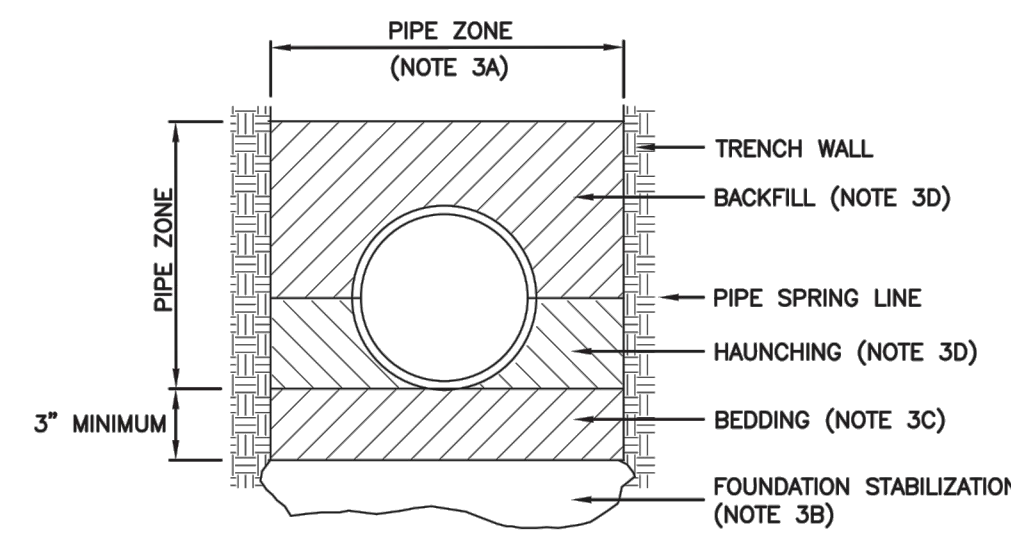
January 2011

Pipe zone backfill

1. **GENERAL**
 - A. Install the pipe in the center of the trench or no closer than 6-inches from the wall of the pipe to the wall of the trench.
2. **PRODUCTS**
 - A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
 - B. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
 - C. Concrete: APWA Section 03 30 04.
 - D. Flowable Fill: Target is 60 psi in 28 days with 90 psi maximum in 28 days, APWA Section 31 05 15. It must flow easily requiring no vibration for consolidation.
 - E. Stabilization-Separation Geotextile: Moderate or high at CONTRACTOR's choice, APWA Section 31 05 19.
3. **EXECUTION**
 - A. Excavate the Pipe Zone: Width is measured at the pipe spring line and includes any necessary sheathing. Provide width recommended by pipe manufacturer. Follow manufacturer's recommendations when using trench boxes.
 - B. Foundation Stabilization: Get ENGINEER's permission before installing common fill. Vibrate to stabilize. Installation of stabilization-separation geotextile will be required to separate backfill material and native subgrade materials if common fill cannot provide a working surface or prevent soils migration.
 - C. Base Course:
 - 1) Furnish untreated base course material unless specified otherwise by pipe manufacturer.
 - 2) Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
 - 3) When using concrete, provide at least Class 2,000 per APWA Section 03 30 04.
 - D. Pipe Zone: DO NOT USE sewer rock, pea gravel, or recycled RAP aggregate in the pipe zone. Water jetting is NOT allowed.
 - 1) Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26 unless pipe manufacturer requires more stringent installation.
 - 2) Submission of quality control compaction test result data developed for the haunch zone may be requested by ENGINEER at any time. CONTRACTOR is to provide results of tests immediately upon request.
 - E. Flowable Fill (when required and if allowed by pipe manufacturer):
 - 1) Place the controlled low strength material. APWA Section 31 05 15.
 - 2) Prevent pipe flotation by installing in lifts and providing pipe restraints as required by pipe manufacturer.
 - 3) Reset pipe to line and grade if pipe "floats" out of position.



ELEVATION VIEW



SECTION A-A

INSTALLATION

CONCRETE PIPE: FOLLOW ASTM C 1479
 STANDARD PRACTICE FOR INSTALLATION OF PRECAST CONCRETE SEWER, STORM DRAIN, AND CULVERT PIPE USING STANDARD INSTALLATIONS.

PVC AND HDPE PIPE: FOLLOW ASTM D 2321
 STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS.

CORRUGATED METAL PIPE: FOLLOW ASTM A 798
 STANDARD PRACTICE FOR INSTALLING FACTORY-WADE CORRUGATED STEEL PIPE FOR SEWERS AND OTHER APPLICATIONS.

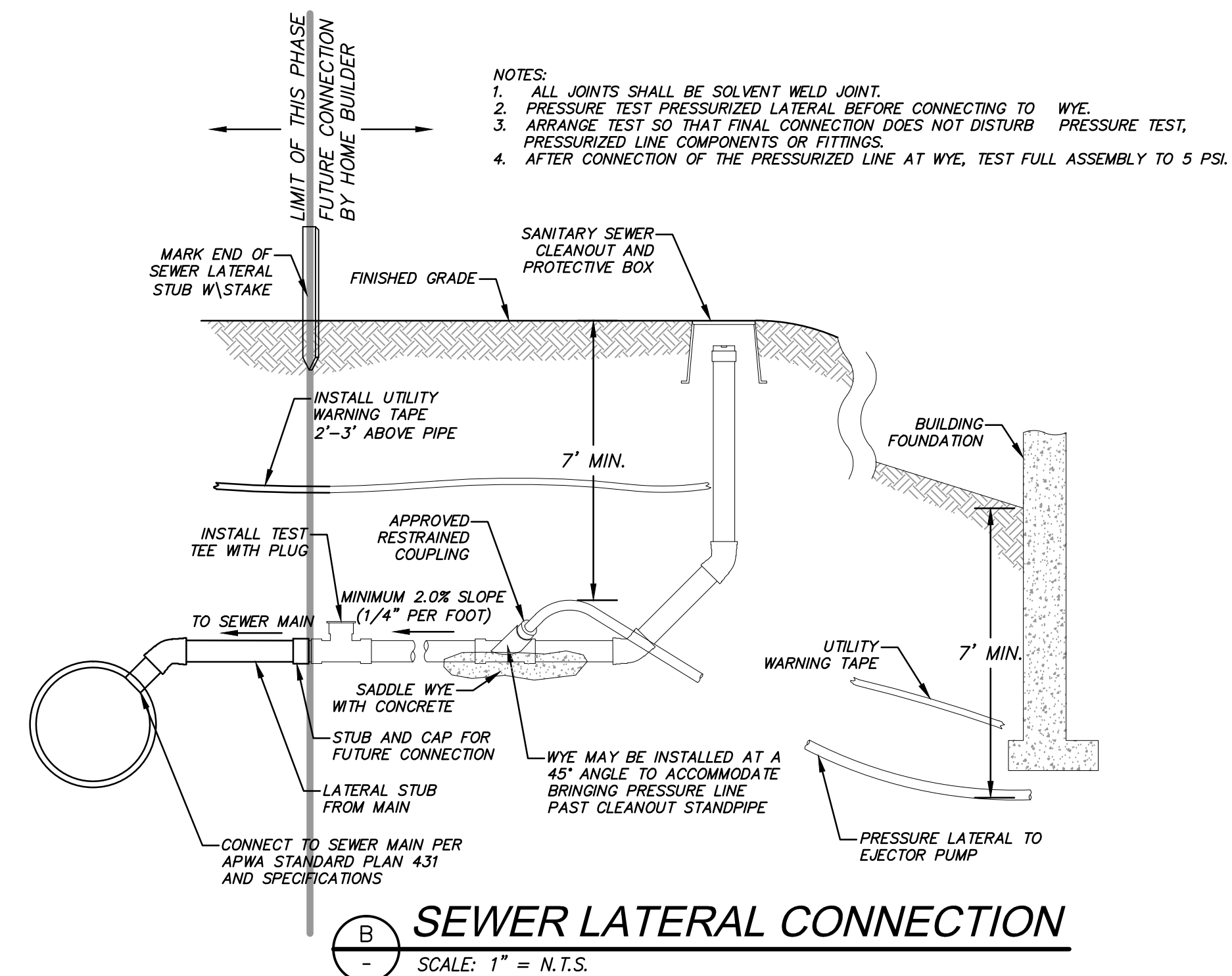
VITRIFIED CLAY PIPE: FOLLOW ASTM C 12.
 STANDARD RECOMMENDED PRACTICE FOR INSTALLING VITRIFIED CLAY PIPE LINES.

Pipe zone backfill

Plan
382

204

January 2011



SEWER LATERAL CONNECTION

SCALE: 1" = N.T.S.

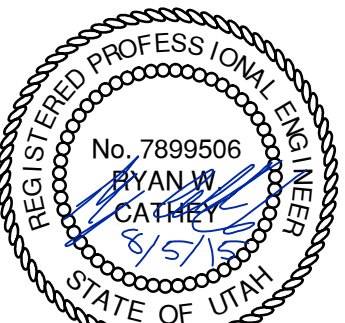
SUMMIT EDEN PHASE 1D
MISCELLANEOUS DETAILS

DATE SUBMITTED: 7/27/2015

PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC



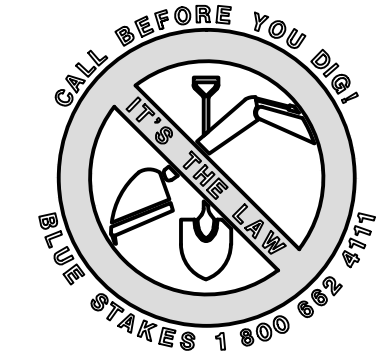
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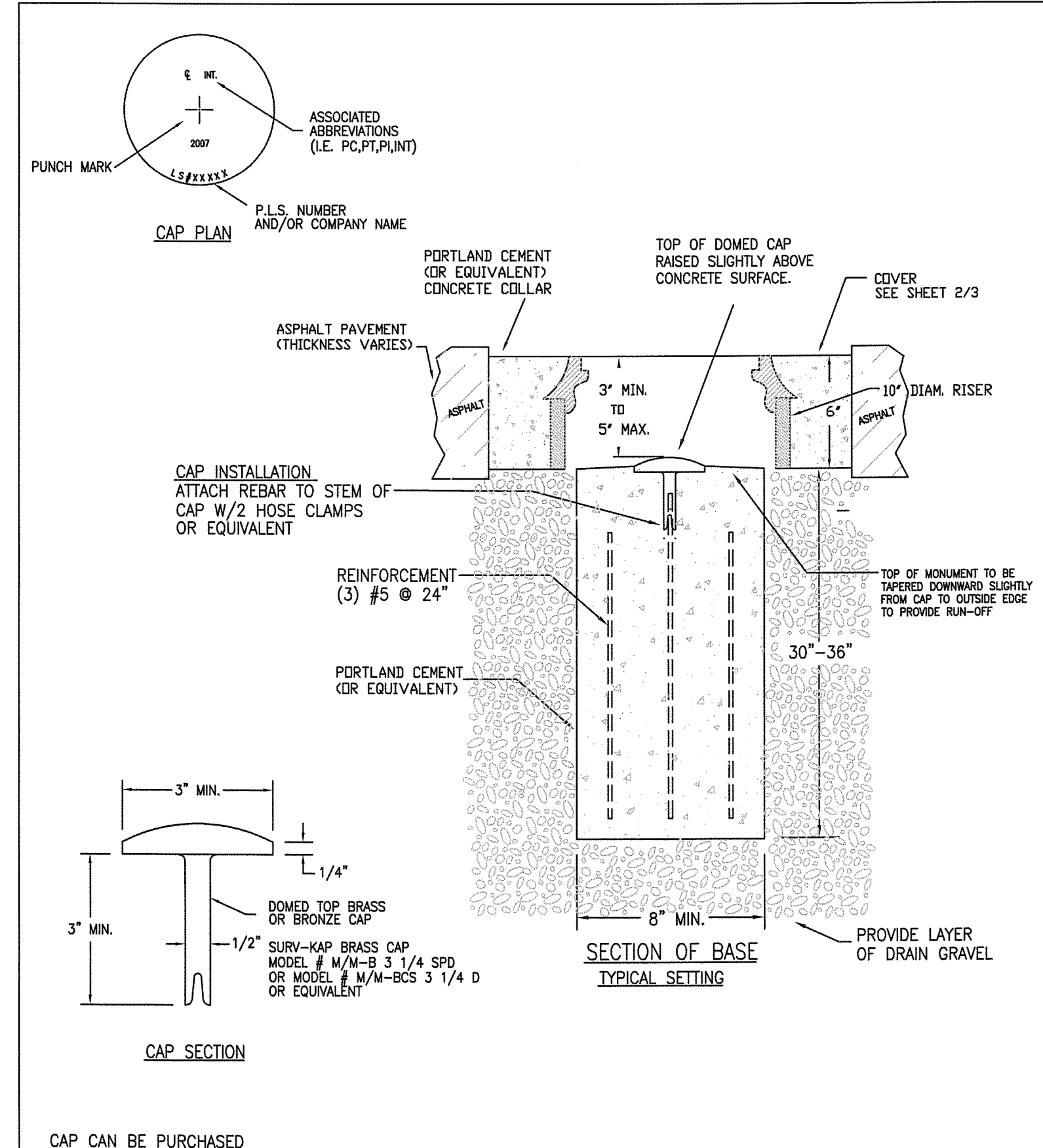
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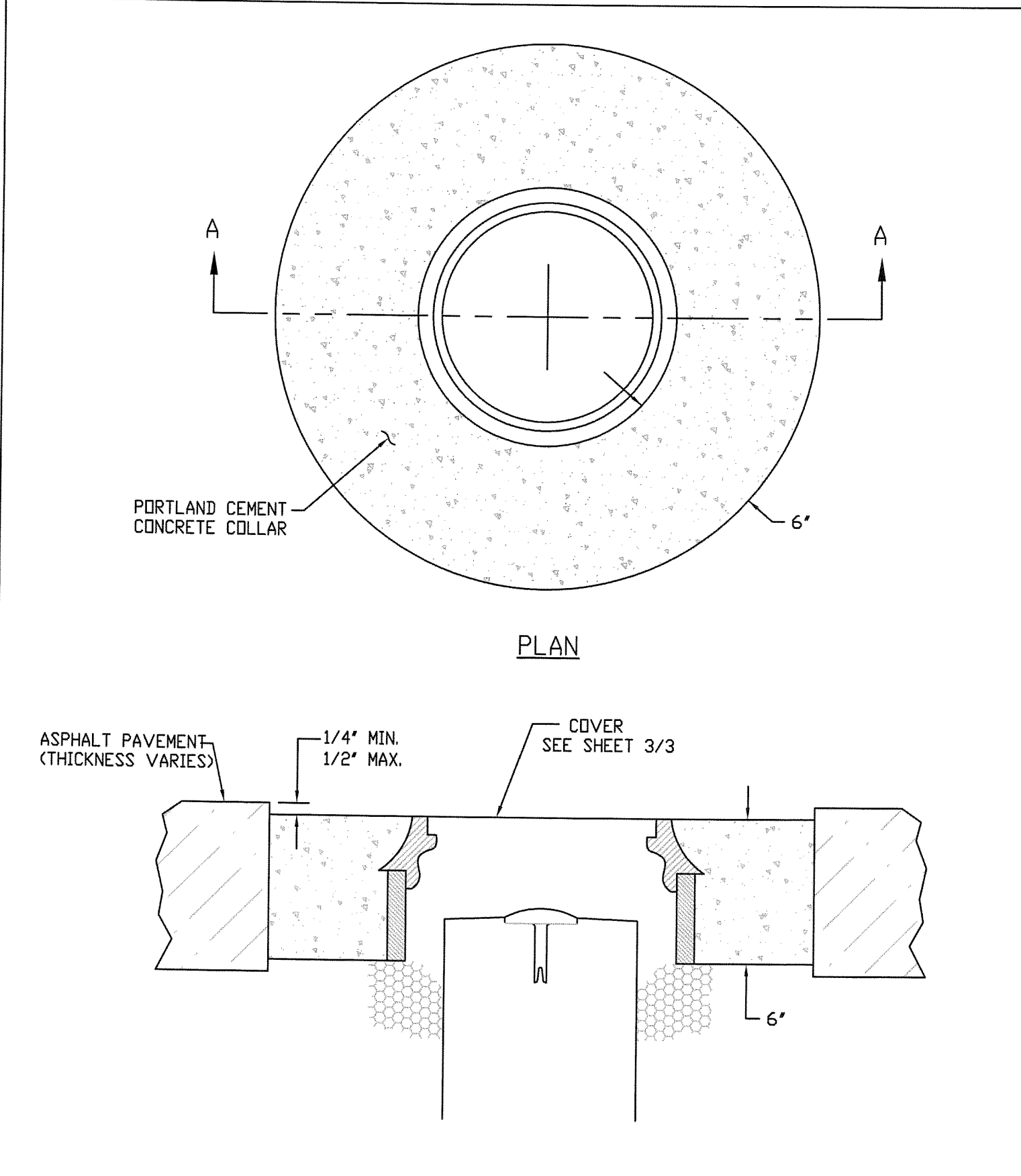
JOB NUMBER
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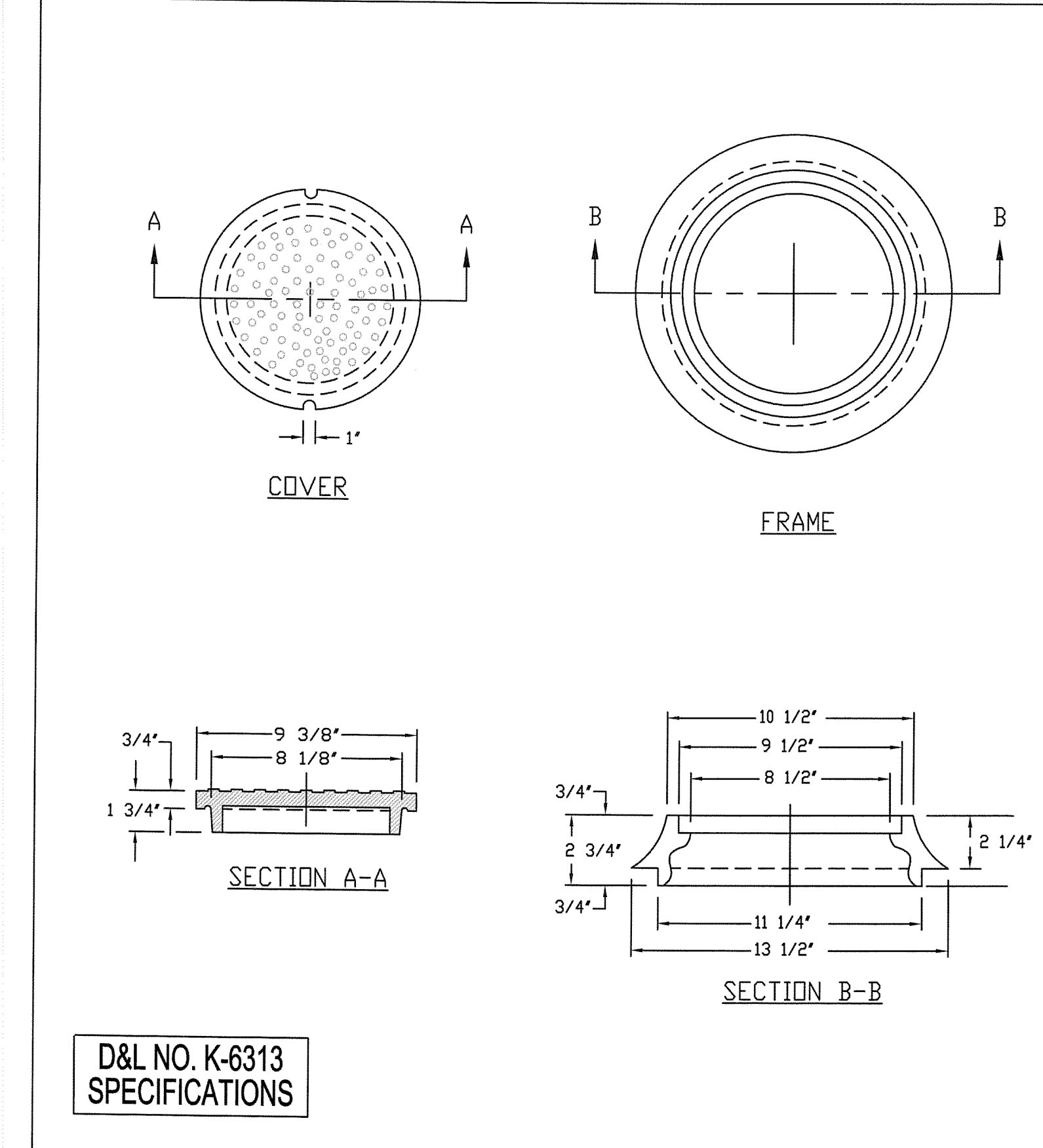
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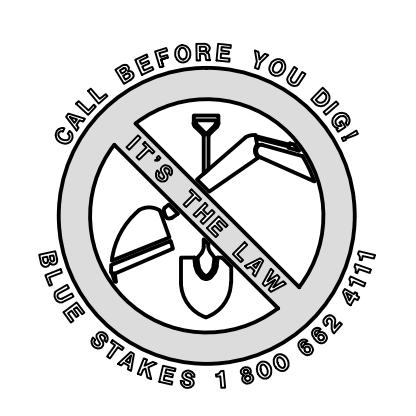
CAP CAN BE PURCHASED FROM SURVEYOR'S OFFICE		STANDARD PLANS Monument Standard	
WEBER COUNTY SURVEY OFFICE	RING & LID SURVEY MONUMENT	SHEET 1 OF 3	
3/28/10	399-8020		



WEBER COUNTY SURVEY OFFICE		Cover Collar For Survey Monuments		STANDARD PLANS Monument Specifications
3/28/10	399-8020	SHEET 2 OF 3		



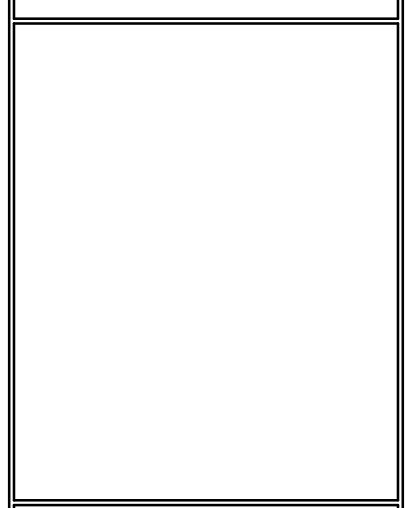
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WEBER COUNTY SURVEY OFFICE	RING & LID SURVEY MONUMENT	SHEET 3 OF 3	
3/28/10	399-8020		



NO.	BY	DATE	REVISIONS

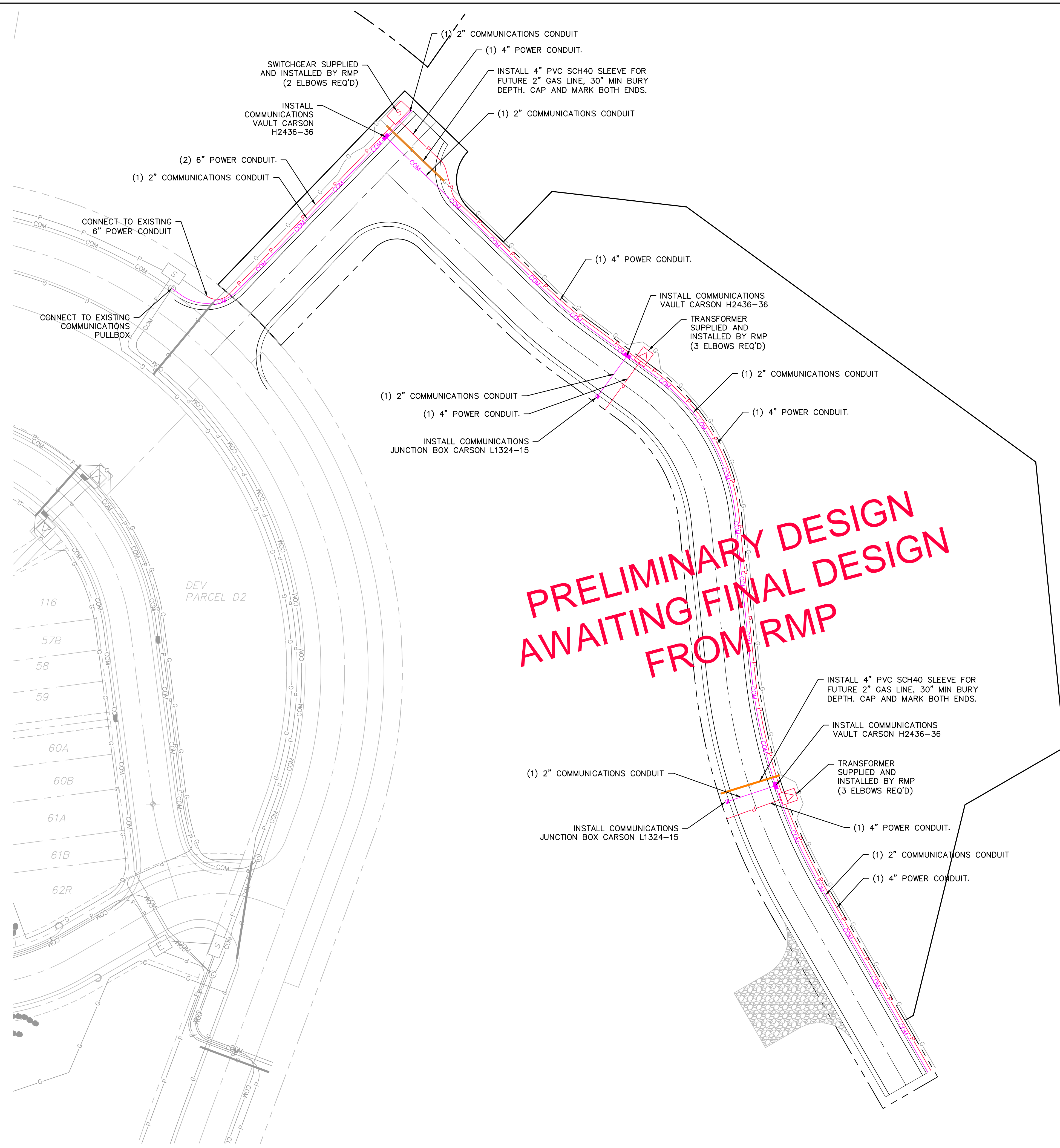
PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC
 DATE SUBMITTED: 7/27/2015
 SUMMIT EDEN PHASE 1D
 MISCELLANEOUS DETAILS

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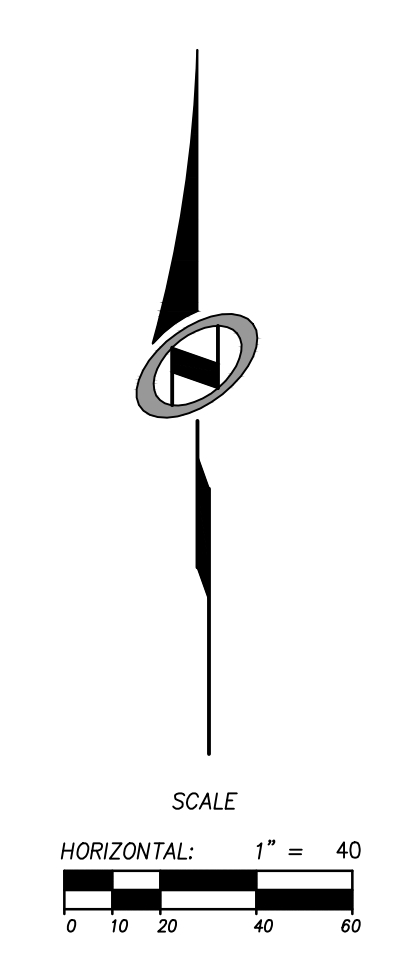


SHEET NUMBER 5.5
SCALE VERTICAL: 1" = N/A HORIZONTAL: 1" = N/A
JOB NUMBER SLB079306

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**PRELIMINARY DESIGN
 AWAITING FINAL DESIGN
 FROM RMP**



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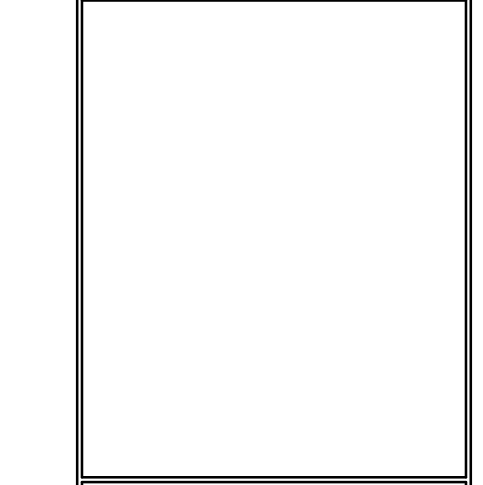
**SUMMIT EDEN PHASE 1D
 DRY UTILITY PLAN**

PREPARED FOR: SUMMIT MOUNTAIN HOLDING GROUP, LLC

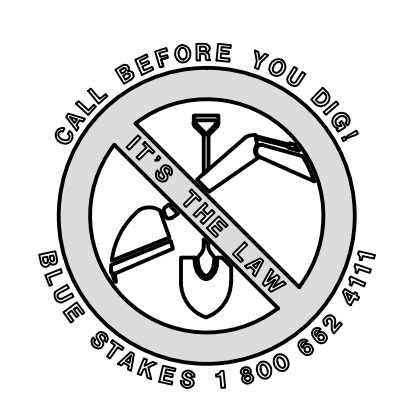
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SHEET NUMBER	6.0
SCALE	VERTICAL: 1" = NA HORIZONTAL: 1" = 40
JOB NUMBER	SLB079306



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