

The Chalets at Ski Lake Phase 7

A Cluster Subdivision

a part of the of Northeast 1/4 of Section 23, T6N, R1E, SLB&M, U.S. Survey
Weber County, Utah
April 2012

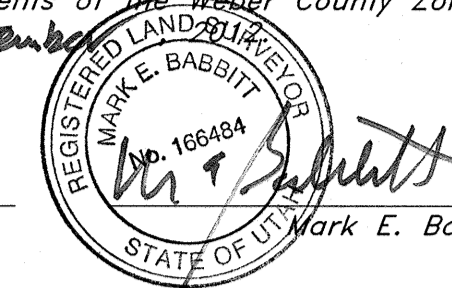
North 1/4 corner of Section 23, T6N, R1E, SLB&M, U.S. Survey, Found Bureau of Land Management, Brass Cap, Good Condition, 0.4' above natural ground dated 1967
N 89°38'44" W W.C.S. (N 89°38'27" W)

Northeast corner of Section 23, T6N, R1E, SLB&M, U.S. Survey, Found Weber County 3 1/2" Brass Cap Monument, Good Condition, 15" below ground dated 2006

North 1/4 corner of Section 24, T6N, R1E, SLB&M, U.S. Survey, Found Weber County 3 1/2" Brass Cap Monument, Good Condition, 0.1' below asphalt dated 1991

SURVEYOR'S CERTIFICATE

I, Mark E. Babbitt, do hereby certify that I am a Registered Professional Land Surveyor in the State of Utah, and that I hold Certificate No. 166484 in accordance with Title 58 Chapter 22, Professional Engineers and Land Surveyors Licensing Act. I also do hereby certify that The Chalets at Ski Lake Phase 7, A Cluster Subdivision in Weber County, Utah has been correctly drawn to the designated scale and is a true and correct representation of the following description of lands included in said subdivision, based on data compiled from records in the Weber County Recorder's Office, and of a survey made on the ground in accordance with Section 17-23-17. Monumented Lot corners have been set as shown on this drawing. I also certify that all the lots within The Chalets at Ski Lake Phase 5, A Cluster Subdivision meet the frontage and area requirements of the Weber County Zoning Ordinance.
Signed this 11th day of September, 2012.



166484
License No.

OWNER'S DEDICATION

I, the undersigned owner of the herein described tract of land, do hereby set apart and subdivide the same into lots and streets as shown on the plat and name this tract The Chalets at Ski Lake Phase 7, a Cluster Subdivision and do hereby dedicate to public use all those parts or portions of said tract of land designated as streets, the same to be used as public thoroughfares, also grant and convey to the subdivision lot (unit) Owners Association, all those parts or portions of said tract of land designated as Common Areas to be used for recreational and open space purposes for the benefit of each lot (unit) Owners Association member in common with all others in the subdivision and grant and dedicate to Weber County a perpetual Open Space Right and Easement on and over the Common Areas to guarantee to Weber County that the Common Areas remain open and undeveloped except for approved recreational, parking and open space purposes, and also grant and dedicate a perpetual right and easement over, upon and under the land designated hereof as public and private utility, storm water detention ponds drainage easements, slope easements and canal maintenance easement, the same to be used for the installation, maintenance and operation of public and private utility service lines, storm drainage facilities, irrigation canals or for the perpetual preservation of water channels in their natural state whichever is applicable as may be authorized by governing authority with no buildings or structures being erected within such easements.

Dedicate, grant and convey to Weber County, Utah, or its designee, all those parts or portions of said tract of land designated as parks the same to be used as public open space.
Signed this 11th day of September, 2012.

Valley Enterprise Investment Company, LLC.

Ray Bowden - President

State of } ss
County of }

On the _____ day of _____, 2012, personally appeared before me, Ray Bowden who being by me duly sworn did say that he is President of Valley Enterprise Investment Company, LLC. and that said instrument was signed in behalf of said Corporation by a resolution of its Board of Directors and Ray Bowden acknowledged to me that said Corporation executed the same.

Residing at: _____ A Notary Public commissioned in Utah

Commission Expires: _____ Print Name _____

BOUNDARY DESCRIPTION

A part of the Northeast Quarter of Section 23, Township 6 North, Range 1 East, Salt Lake Base and Meridian, U.S. Survey:

Beginning at the Northeast corner of Lot 42 of The Chalets at Ski Lake Phase 6 a Cluster Subdivision in Weber County, which point is 543.52 feet North 89°38'27" West along the Section line, and 639.03 feet South 0°21'33" West from the Northeast Corner of said Section 23; and running thence along the Southerly boundary lines of The Chalets at Ski Lake Phase 4 and Phase 2 the following seven (7) courses: South 64°35'30" East 558.70 feet, South 44°24'47" East 299.29 feet, South 26°08'20" West 221.18 feet, North 67°07'56" West 141.41 feet, Southwesterly along the arc of a 234.00 foot radius curve to the right a distance of 132.30 feet (Central Angle is 32°23'35" and Long Chord bears South 41°30'49" West 130.54 feet), Southwesterly along the arc of a 441.00 foot radius curve to the left a distance of 38.01 feet (Central Angle is 4°56'18" and Long Chord bears South 55°14'27" West 38.00 feet), and South 61°02'58" East 217.90 feet to the Westerly right of way line of Snow Basin Road; thence following said right of way line Southwesterly along the arc of a 205.28 foot radius curve to the left a distance of 134.61 feet (Central Angle is 37°34'17" and Long Chord bears South 10°08'12" West 132.22 feet) to the North line of Samarel Family Invest Co. LLC parcel; thence following said Samarel parcel the following four (4) courses: South 89°45'15" West 9.99 feet, Southwesterly along the arc of a 767.46 foot radius curve to the left a distance of 331.58 feet (Central Angle is 24°45'15" and Long Chord bears South 77°22'38" West 329.00 feet), South 65°00'00" West 50.00 feet, Southwesterly along the arc of a 664.32 foot radius curve to the right a distance of 220.95 feet (Central Angle is 19°03'24" and Long Chord bears South 74°31'42" West 219.94 feet) to the West line of said Samarel parcel; thence along said West parcel line South 0°48'23" West 201.52 feet to the North line of said Samarel parcel; thence following said Nord parcel North 89°11'37" West 476.43 feet, thence North 0°48'23" East 25.00 feet; thence South 89°11'37" East 451.43 feet, thence North 0°48'23" East 221.51 feet; thence North 23°10'38" West 60.00 feet; thence Northwesterly along the arc of a 465.00 foot radius curve to the left a distance of 101.98 feet (Central Angle is 12°33'57" and Long Chord bears North 60°32'23" East 101.78 feet); thence North 35°44'35" West 174.84 feet; thence South 79°36'04" West 135.95 feet; thence North 88°37'56" West 130.00 feet; thence South 20°07'51" West 156.83 feet; thence North 40°15'49" West 184.82 feet; thence North 47°49'40" East 140.00 feet; thence North 77°30'13" East 194.13 feet; thence North 40°35'38" East 276.07 feet; thence North 5°09'15" West 111.88 feet; thence North 74°05'42" West 181.13 feet to the Easterly boundary line of said Chalets at Ski Lake Phase 6; thence following said easterly boundary line the following five (5) courses: North 27°15'33" East 225.07 feet, Southeasterly along the arc of a 405.00 foot radius curve to the right a distance of 47.80 feet (Central Angle is 6°45'47" and Long Chord bears South 59°21'34" East 47.78 feet, South 55°58'40" East 30.75 feet, North 34°01'19" East 60.00 feet, and North 25°24'30" East 137.44 feet to the point of beginning.

Contains 696,678 sq. ft. or 15.994 acres.

MONUMENT LEGEND



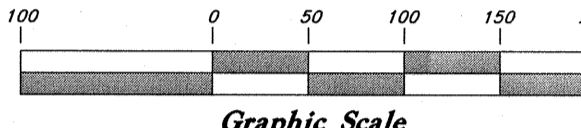
A 5/8" rebar 24" long with plastic cap (see detail above) was set at all property corners as shown.

Set 5/8" Rebar (24" long) & Cap w/Fencepost

Monument (to be set)

Found Section corner

Scale: 1" = 100'



BOUNDARY CURVE DATA

(A)	(B)	(C)	(D)
Δ = 32°23'35"	Δ = 4°56'18"	Δ = 37°34'17"	Δ = 24°45'15"
R = 234.00'	R = 441.00'	R = 205.28'	R = 267.46'
L = 132.30'	L = 38.01'	L = 134.61'	L = 331.58'
LC = 130.54'	LC = 38.00'	LC = 132.22'	LC = 329.00'
S 41°30'49" W	S 55°14'27" W	S 10°08'12" W	S 77°22'38" W

(E)	(F)	(G)
Δ = 19°03'24"	Δ = 12°33'57"	Δ = 6°45'47"
R = 664.32'	R = 465.00'	R = 405.00'
L = 220.95'	L = 101.98'	L = 47.80'
LC = 219.94'	LC = 101.78'	LC = 47.78'
S 74°31'42" W	N 60°32'23" E	S 59°21'34" E

PROPERTY LINE CURVE DATA

(1)	(2)	(3)	(4)
Δ = 20°36'37"	Δ = 9°53'01"	Δ = 33°09'11"	Δ = 27°53'25"
R = 360.00'	R = 205.00'	R = 205.00'	R = 205.00'
L = 129.50'	L = 35.36'	L = 118.62'	L = 99.79'
LC = 128.80'	LC = 35.32'	LC = 116.97'	LC = 98.81'
S 66°16'59" E	N 71°13'48" W	N 50°07'42" W	N 19°58'24" W

CENTERLINE CURVE DATA

(C1)	(C2)	(C3)	(C4)
Δ = 20°36'37"	Δ = 134°17'54"	Δ = 12°16'24"	Δ = 7°07'29"
R = 390.00'	R = 175.00'	R = 500.00'	R = 495.00'
L = 140.29'	L = 410.19'	L = 107.10'	L = 61.55'
LC = 139.54'	LC = 322.53'	LC = 106.90'	LC = 61.51'
S 66°16'59" E	S 9°26'21" W	S 51°34'25" W	S 48°59'57" W

WEBER COUNTY ATTORNEY

I have examined the financial guarantee and other documents associated with this subdivision plat and in my opinion they conform with the County Ordinance applicable thereto and now in force and effect.
Signed this _____ day of _____, 2012.

Signature _____

OGDEN VALLEY TOWNSHIP PLANNING COMMISSION

This is to certify that this subdivision plat was duly approved by the Ogden Valley Township Planning Commission on the _____ day of _____, 2012.

Chair, Ogden Valley Township Planning Commission

WEBER COUNTY ENGINEER

I hereby certify that the required public improvement standards and drawings for this subdivision conform with County standards and the amount of the financial guarantee is sufficient for the installation of these improvements.
Signed this _____ day of _____, 2012.

Signature _____

WEBER COUNTY COMMISSION ACCEPTANCE

This is to certify that this subdivision plat, the dedication of streets and other public ways and financial guarantee of public improvements associated with this subdivision, thereon are hereby approved and accepted by the Commissioners of Weber County, Utah this _____ day of _____, 2012.

Chair, Weber County Commission

WEBER COUNTY SURVEYOR

I hereby certify that the Weber County Surveyor's Office has reviewed this plat for mathematical correctness, section corner data, and for harmony with the lines and monuments on record in the County offices. The approval of this plat by the Weber County Surveyor does not relieve the Licensed Land Surveyor who executed this plat from the responsibilities and/or liabilities associated therewith.
Signed this _____ day of _____, 2012.

Signature _____

Narrative:
At the request of Ray Bowden, owner and developer, we have prepared this subdivision plat.
The basis of bearing for this plat is S 89°36'57" E between the Brass Caps found at the Northwest corner and the North 1/4 corner of Section 24, Township 6 North, Range 1 East, Salt Lake Base & Meridian, U.S. Survey.

NOTE:

- 10.00' wide Utility and Drainage Easements each side of Property line as indicated by dashed lines, except as otherwise shown.
- 20.00' cut and fill easements along front of lots as shown.
- Centerline monuments to be set upon completion of improvements, as shown
- Common areas may be used as Public Utility Easements.
- Due to the topography and the location of this subdivision all owners will accept responsibility for any storm water runoff from Hawks Lane, Snow Basin Road, and Emergency Access Road adjacent to this property until curb and gutter is installed.

Nord Investment Co.

Developer:
Valley Enterprise Investment Company, LLC.
Ray Bowden - President
5393 East 6850 North
Eden, UT. 84310

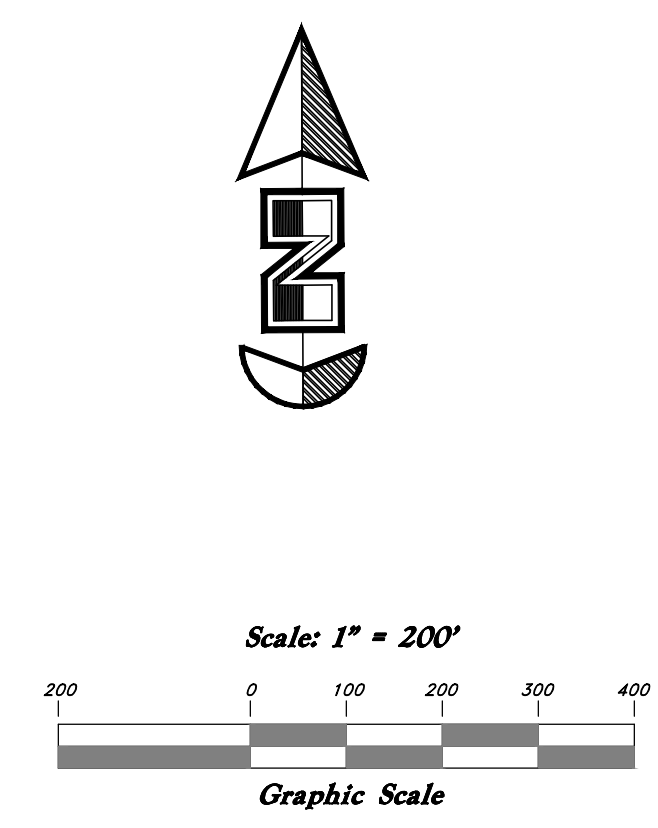
GREAT BASIN ENGINEERING NORTH
CONSULTING ENGINEERS AND SURVEYORS
5746 South 1475 East - Suite 200
Ogden, Utah 84403
P.O. Box 150048, Ogden, Utah 84415
Ogden (801)394-4515 Salt Lake City (801)521-0222 Fax (801)392-7544



WEBER COUNTY RECORDER

ENTRY NO. _____ FILED FOR RECORD AND
RECORDED _____ AT
_____ IN BOOK _____ OF OFFICIAL
RECORDS, PAGE _____, RECORDED
FOR _____

WEBER COUNTY RECORDER
BY: _____ DEPUTY



Legend

- (Note: All items may not appear on drawing)
- San. Sewer Manhole
 - Water Manhole
 - Storm Drain Manhole
 - Electrical Manhole
 - Catch Basins
 - Exist. Fire Hydrant
 - Fire Hydrant
 - Exist. Water Valve
 - Water Valve
 - Sanitary Sewer
 - Culinary Water
 - Gas Line
 - Irrigation Line
 - Storm Drain
 - Telephone Line
 - Secondary Waterline
 - Power Line
 - Fire Line
 - Land Drain
 - Power pole
 - Power pole w/guy
 - Light Pole
 - Fence
 - Flowline of ditch
 - Overhead Power line
 - Corrugated Metal Pipe
 - Concrete Pipe
 - Reinforced Concrete Pipe
 - Ductile Iron
 - Polyvinyl Chloride
 - Top of Asphalt
 - Edge of Asphalt
 - Centerline
 - Flowline
 - Finish Floor
 - Top of Curb
 - Top of Wall
 - Top of Walk
 - Top of Concrete
 - Natural Ground
 - Finish Contour
 - Exist. Contour
 - Finish Grade
 - Exist. Grade
 - Ridge Line
 - Direction of Flow
 - Existing Asphalt
 - New Asphalt
 - Heavy Duty Asphalt
 - Concrete
 - Open Face
 - Curb & Gutter

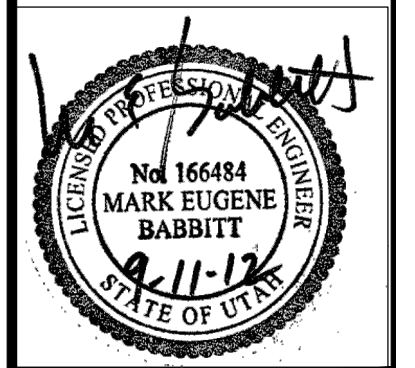
REV	DATE	DESCRIPTION

GREAT BASIN ENGINEERING

5746 SOUTH 1475 EAST, SUITE 202, SALT LAKE CITY, UTAH 84143
 WWW.GREATBASINENGINEERING.COM

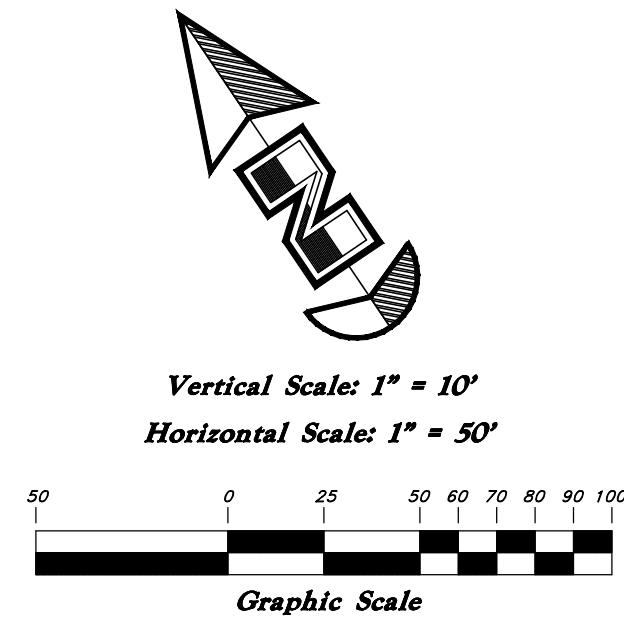
Key Map

The Chalets at Ski Lake No. 7
 A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, 1/4 of Section 23, T6N, R1E, SLB&M, U.S. Survey



Jan, 2012

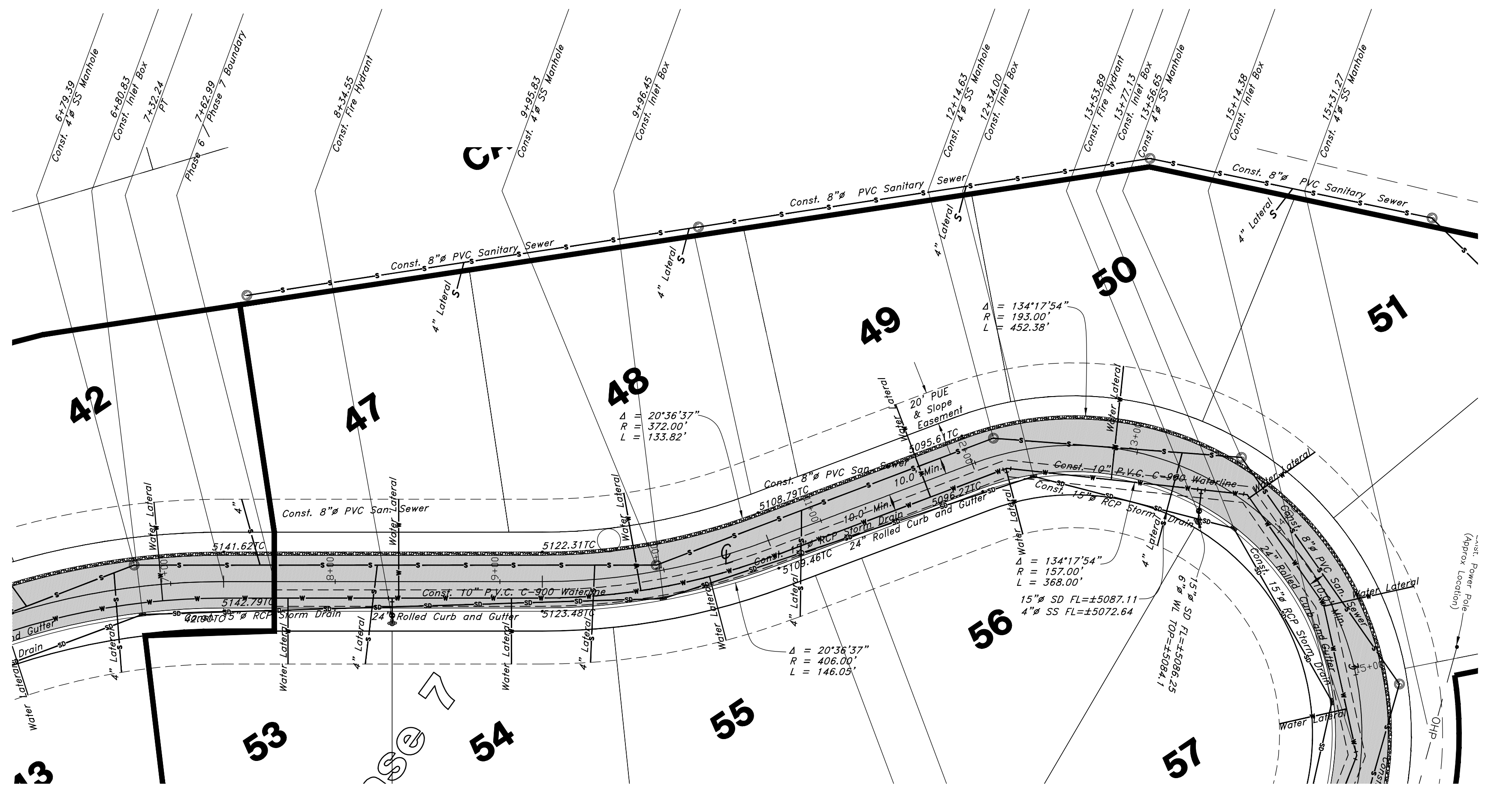
SHEET NO. **KM**



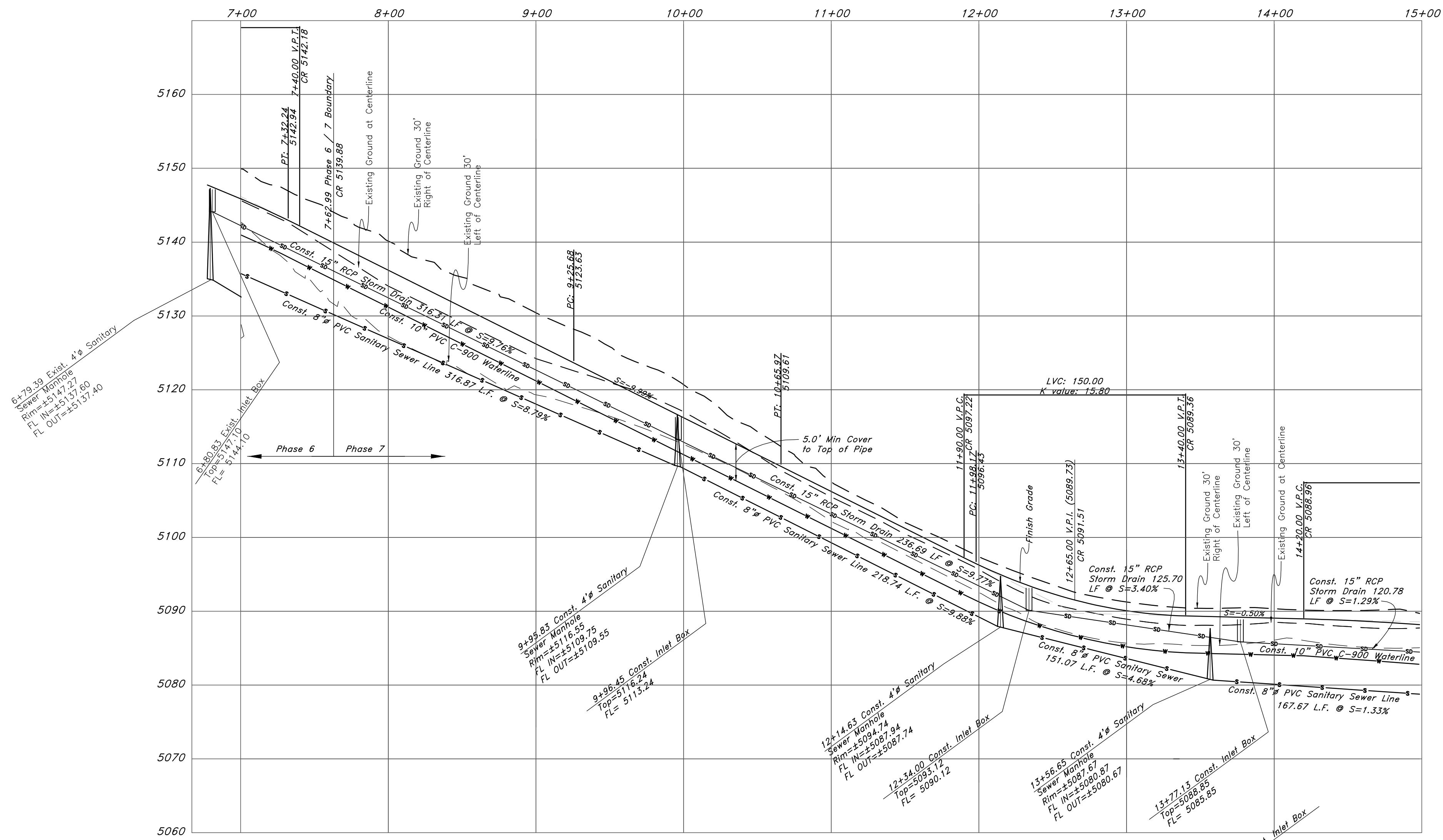
Legend

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- 95.337A
- 95.127A
- R
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- Concrete
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Hawks Lane



REV	DATE	DESCRIPTION

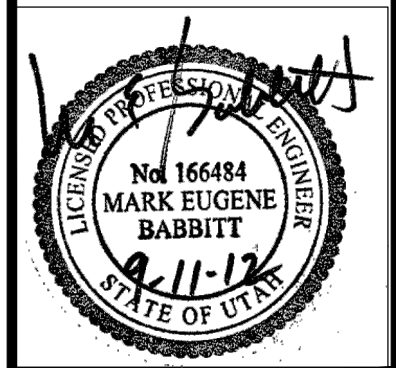
GREAT BASIN ENGINEERING

1475 EAST OGDEN, UTAH 84403
 1544 W. 1500 S., SUITE 202, P.O. BOX 1527, UTAH 84404
 WWW.GREATBASINENGINEERING.COM

Plan / Profile (Utility)

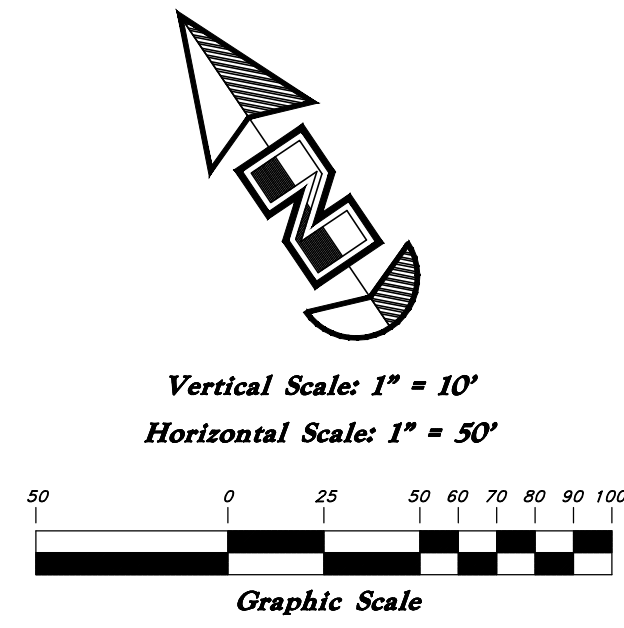
The Chalets at Ski Lake No. 7

A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, R1E, S18&M, U.S. Survey



Jan, 2012

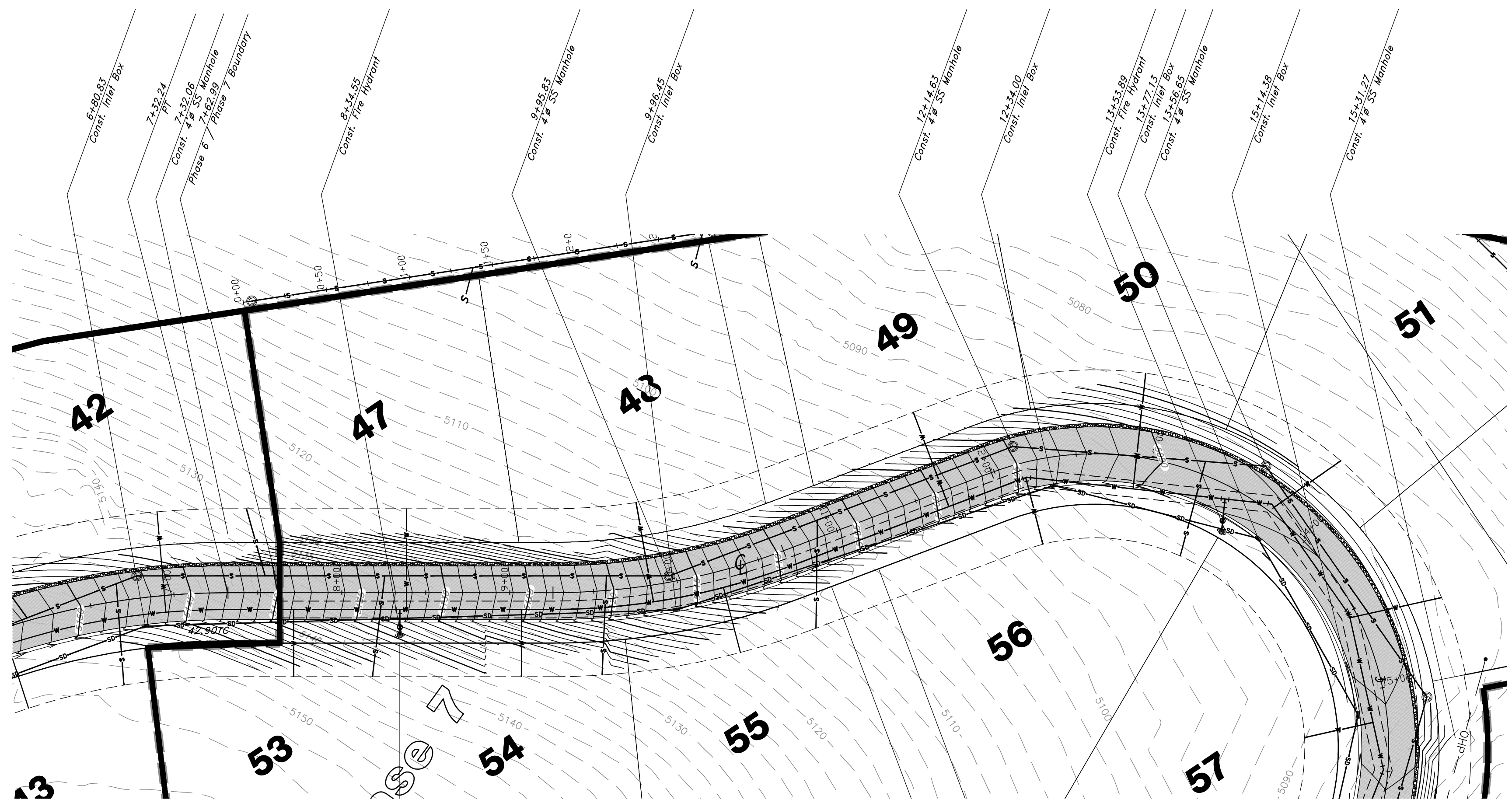
SHEET NO.
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Legend

(Note: All items may not appear on drawing)

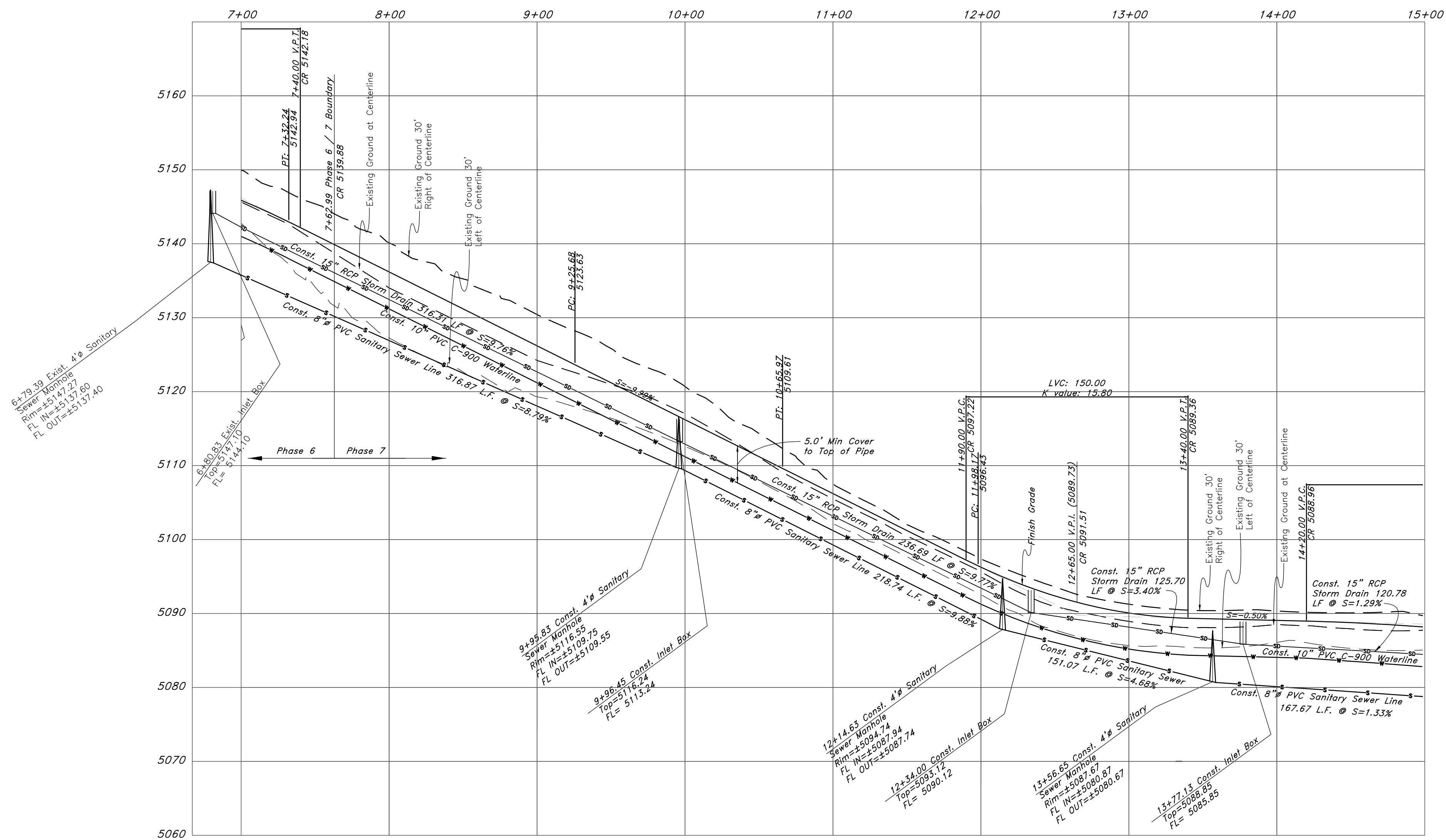
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Hawks Lane

Benchmark: Monument at
Intersection of Quail Lane and
Meadow Lark Lane
Elevation: 5022.34

NOTE: TO PREVENT SOIL EROSION, PROTECT
STEEP SLOPES WITH HYDROSEEDING OR
EROSION CONTROL BLANKETS.



REV	DATE	DESCRIPTION

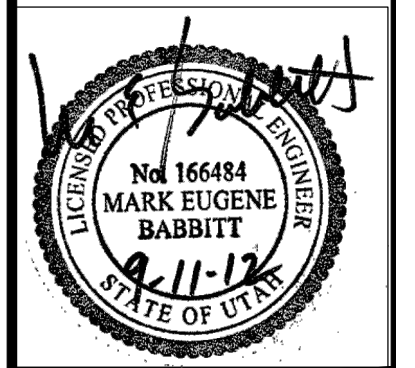
GREAT BASIN
ENGINEERING

5746 SOUTH 1475 EAST, OGDEN, UTAH 84403
4001 1445 E 5600 S, SALT LAKE CITY, UTAH 84119
WWW.GREATERBASINENGINEERING.COM

Plan / Profile (Grading)

The Chalets at Ski Lake No. 7

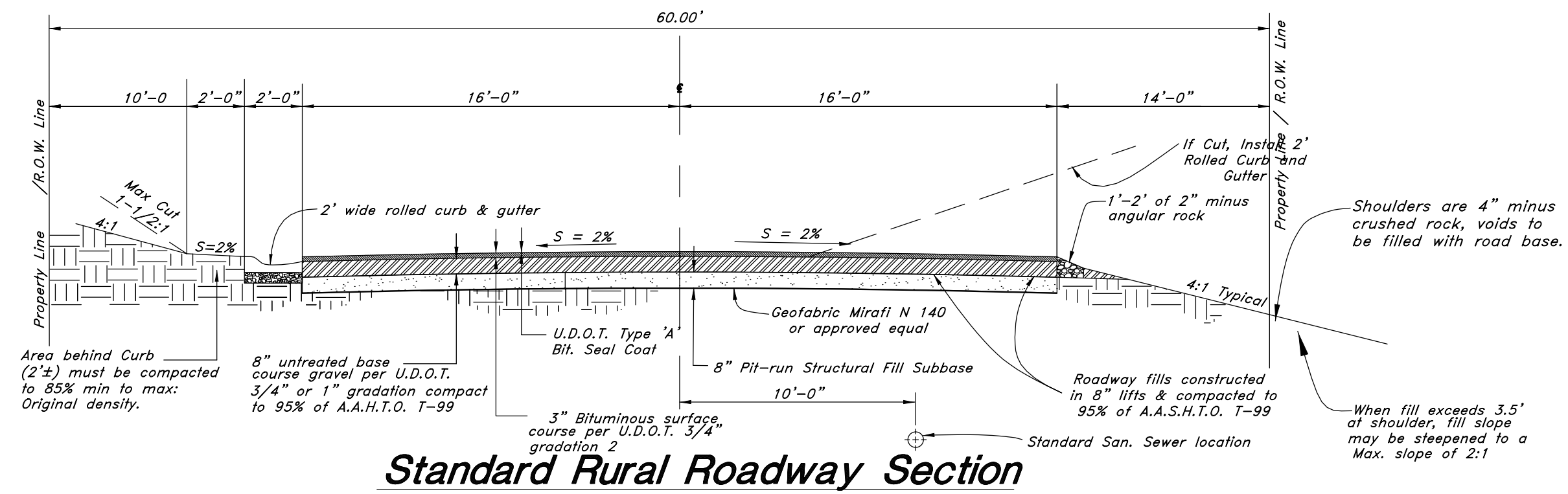
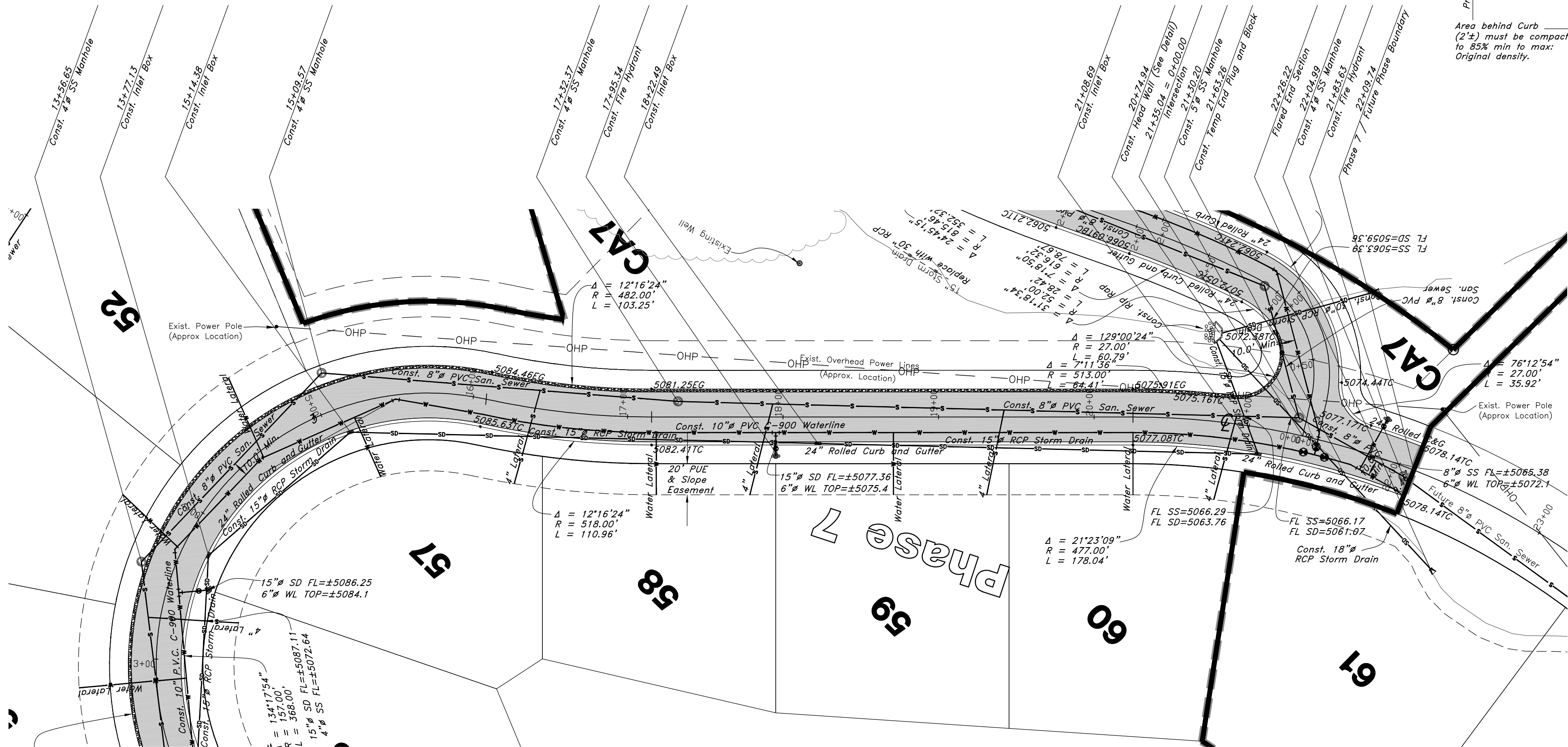
A part of the Southwest 1/4 of Section 13, a part of the Northeast
1/4 of Section 23, and a part of the Northwest 1/4 of Section 24,



Jan, 2012

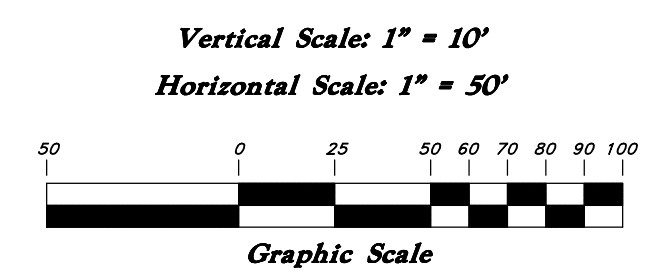
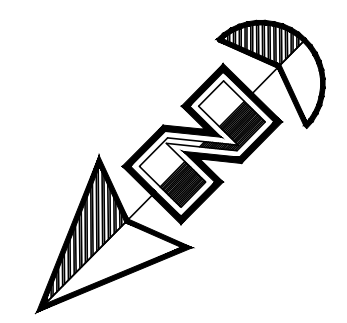
SHEET NO.
1a

96N120 Waterline



Standard Rural Roadway Section

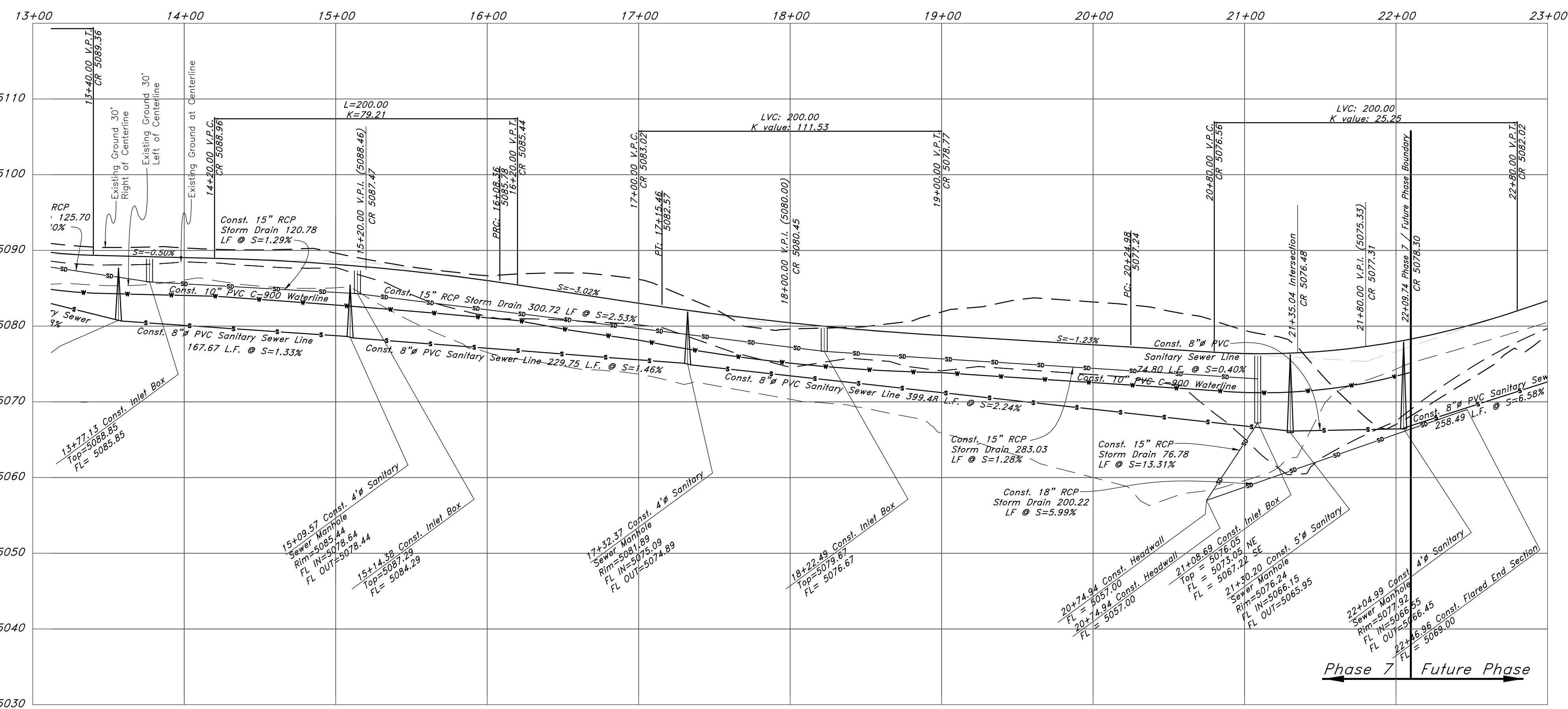
NOTE: TO PREVENT SOIL EROSION, PROTECT STEEP SLOPES WITH HYDROSEEDING OR EROSION CONTROL BLANKETS.



Legend

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5746 SOUTH 1475 EAST, SDBEN, UTAH 84403
 1800 LIBERTY BLVD, SALT LAKE CITY, UTAH 84119
 WWW.GREATBASINENGINEERING.COM

Plan / Profile (Utility)

The Chalets at Ski Lake No. 7

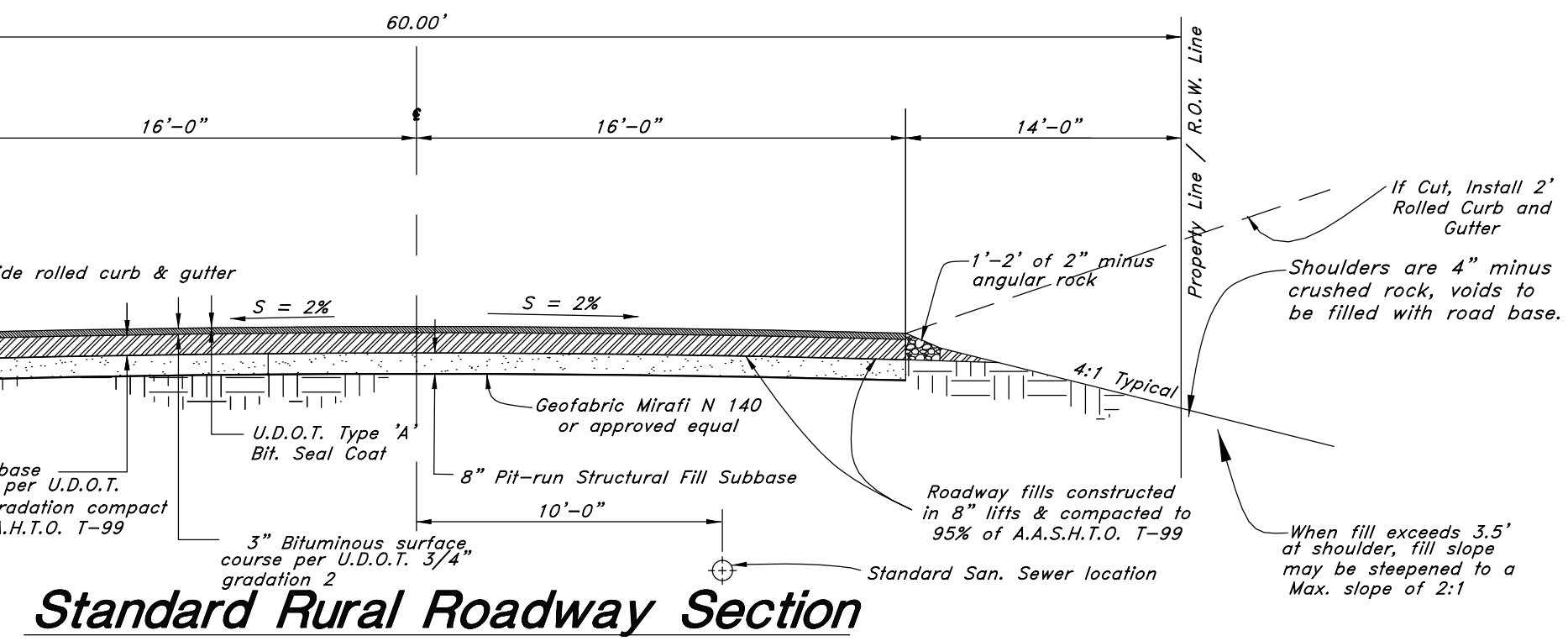
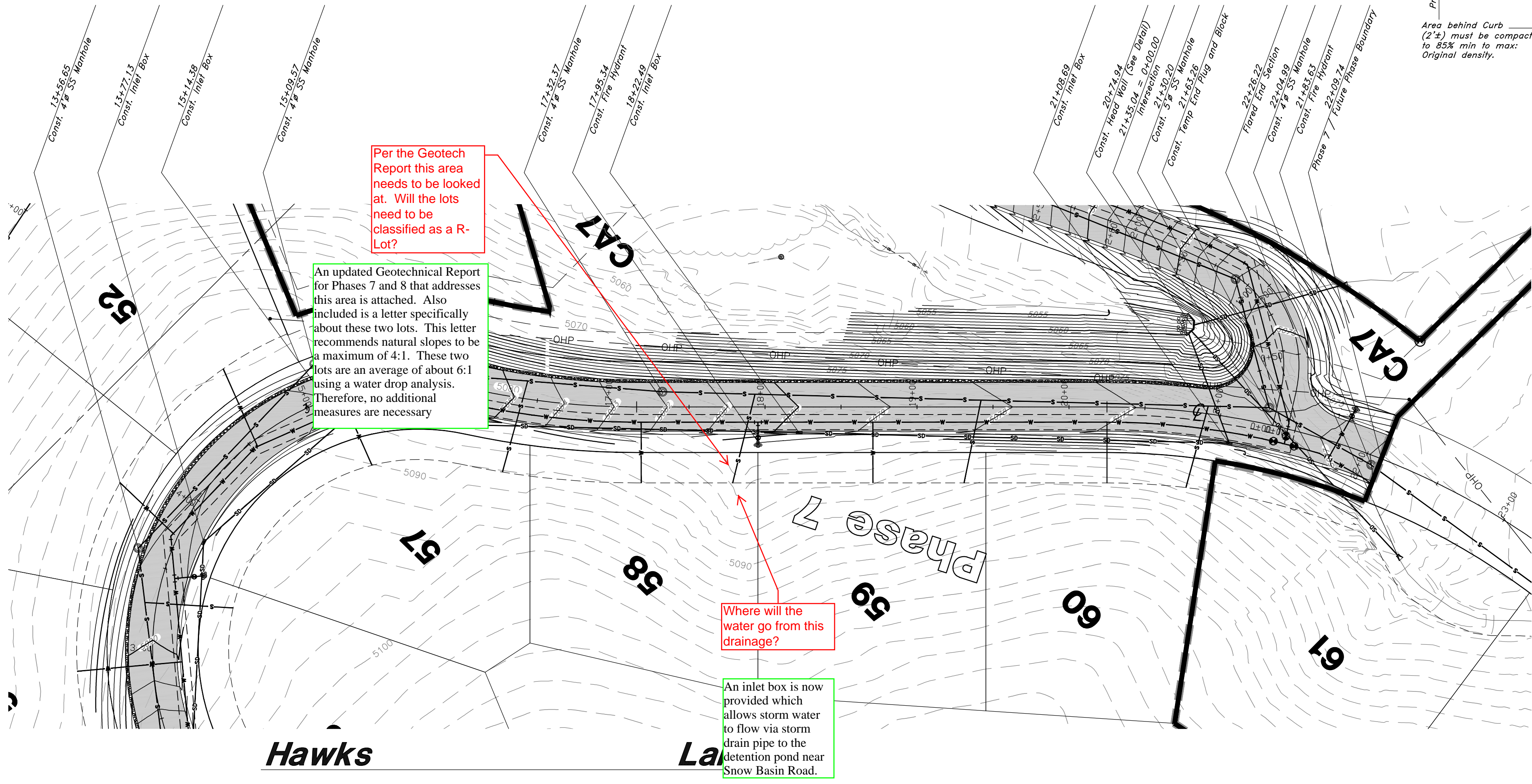
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No. 166484
MARK EUGENE BABBITT
 4.11.12
 STATE OF UTAH

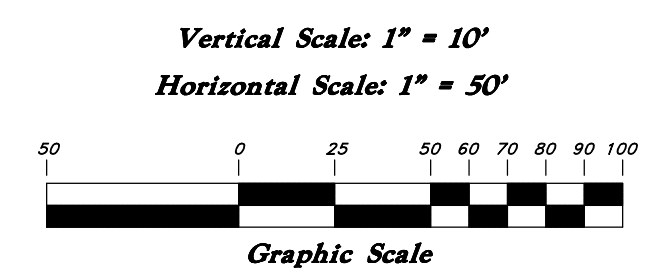
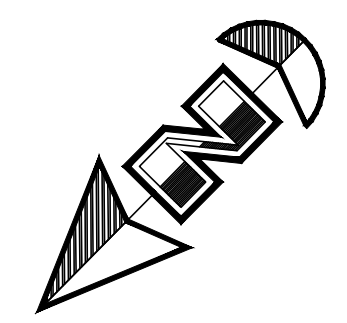
Jan, 2012

SHEET NO.
2

96N120 Waterline



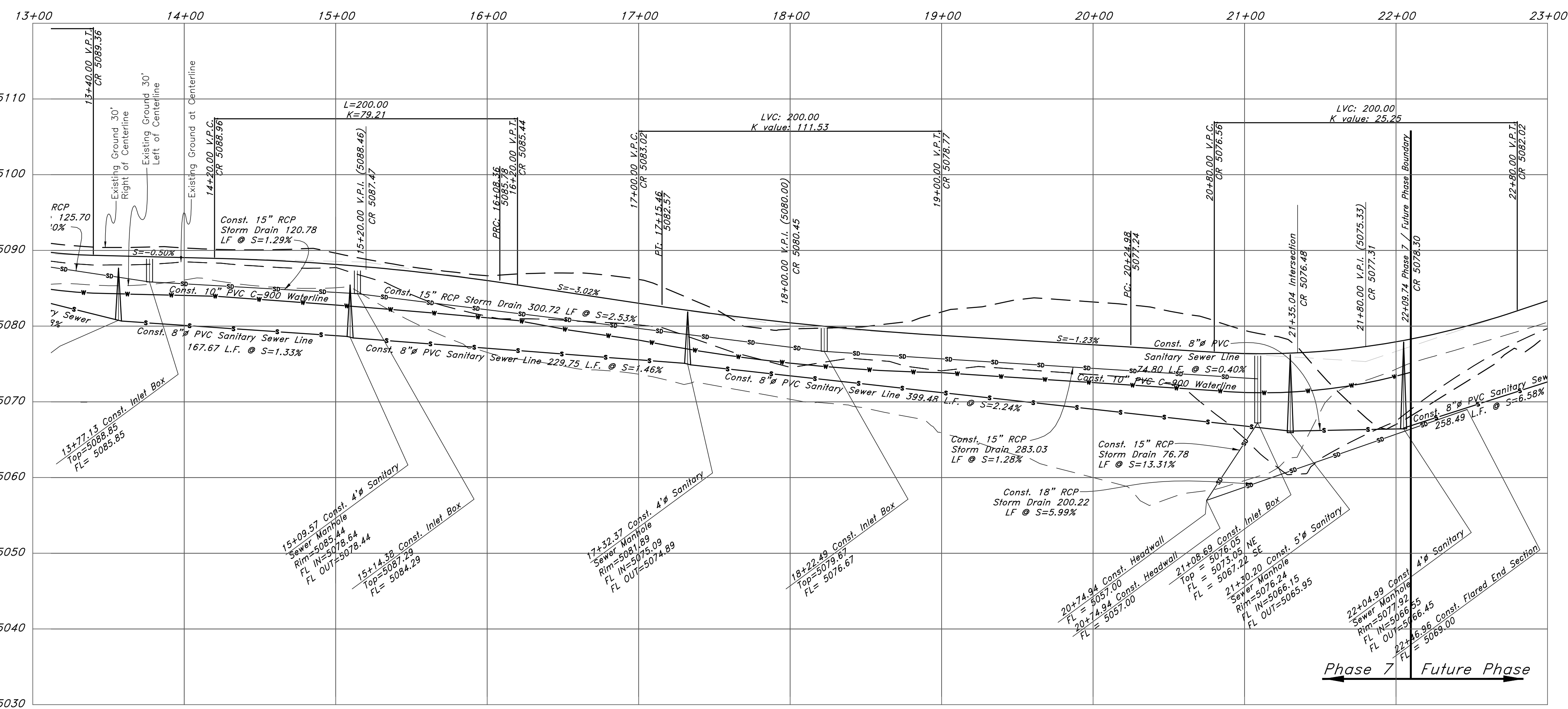
NOTE: TO PREVENT SOIL EROSION, PROTECT STEEP SLOPES WITH HYDROSEEDING OR EROSION CONTROL BLANKETS.



Legend

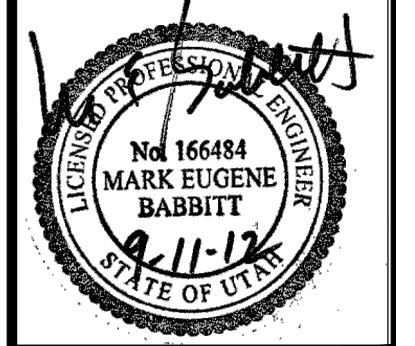
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- Curb & Gutter



GREAT BASIN ENGINEERING
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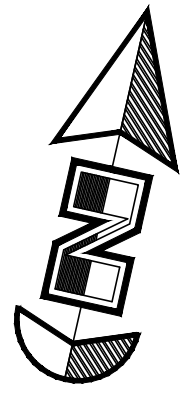
Plan / Profile (Grading)
The Chalets at Ski Lake No. 7
 A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, 1/4 of Section 23, T6N, R1E, SLB&M, U.S. Survey



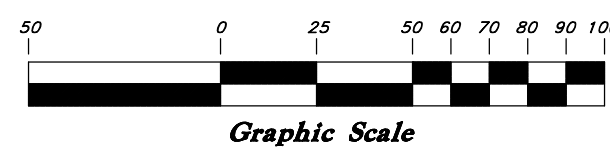
Jan, 2012

SHEET NO. **2a**

96N120 Waterline



Vertical Scale: 1" = 10'
Horizontal Scale: 1" = 50'



Legend

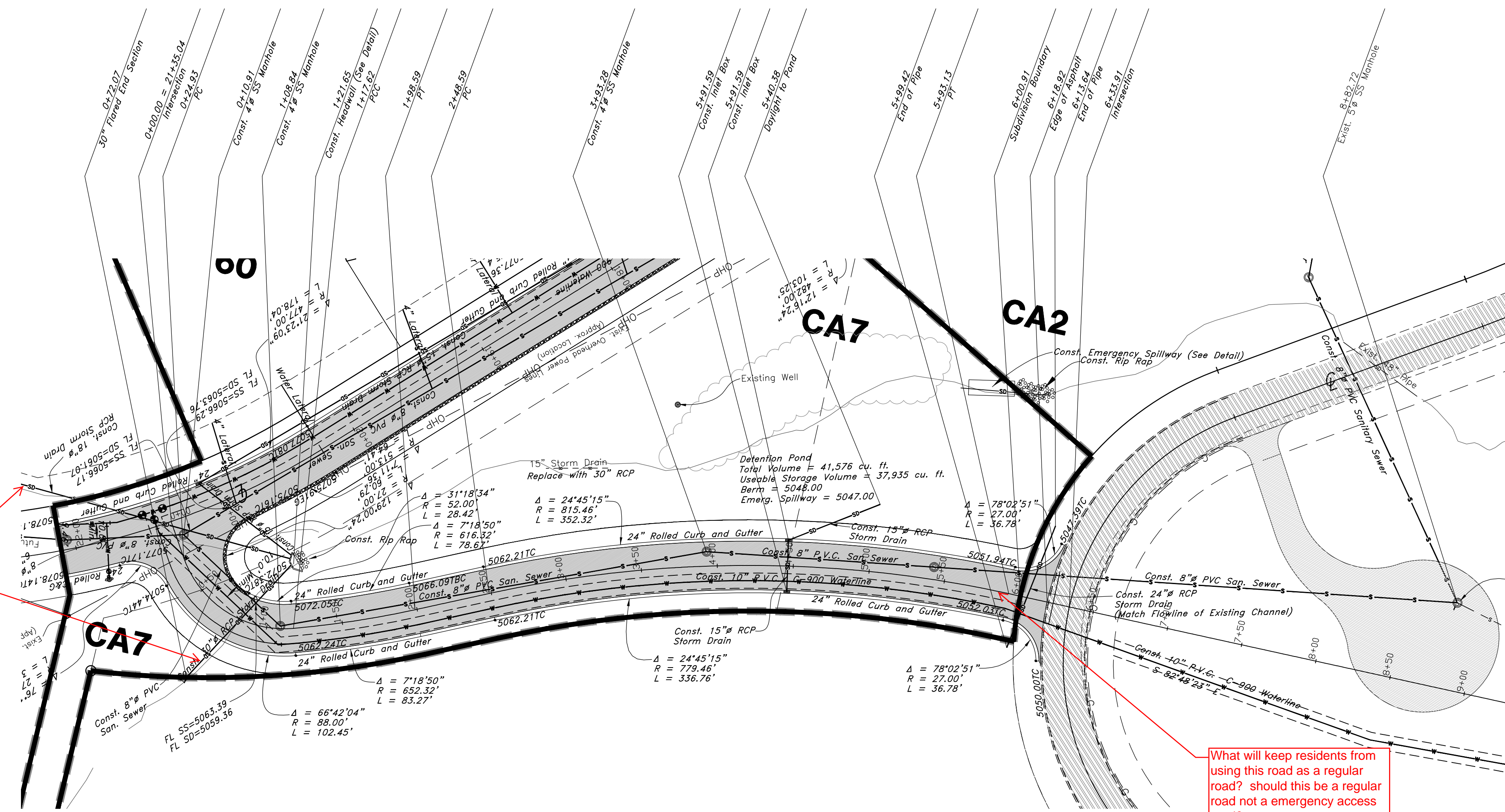
(Note: All items may not appear on drawing)

- San. Sewer Manhole
- Water Manhole
- Storm Drain Manhole
- Electrical Manhole
- Catch Basins
- Exist. Fire Hydrant
- Fire Hydrant
- Exist. Water Valve
- Water Valve
- Sanitary Sewer
- Culinary Water
- Gas Line
- Irrigation Line
- Storm Drain
- Telephone Line
- Secondary Waterline
- Power Line
- Fire Line
- Land Drain
- Power pole w/guy
- Light Pole
- Fence
- Flowline of ditch
- Overhead Power line
- Corrugated Metal Pipe
- Concrete Pipe
- Reinforced Concrete Pipe
- Ductile Iron
- PVC
- Polyvinyl Chloride
- Top of Asphalt
- Edge of Asphalt
- Centerline
- Flowline
- Finish Floor
- Top of Curb
- Top of Wall
- TW
- TCN
- Top of Walk
- Top of Concrete
- Natural Ground
- Finish Contour
- Exist. Contour
- Finish Grade
- Exist. Grade
- Ridge Line
- Direction of Flow
- Existing Asphalt
- New Asphalt
- Heavy Duty Asphalt
- Concrete
- Open Face
- Curb & Gutter

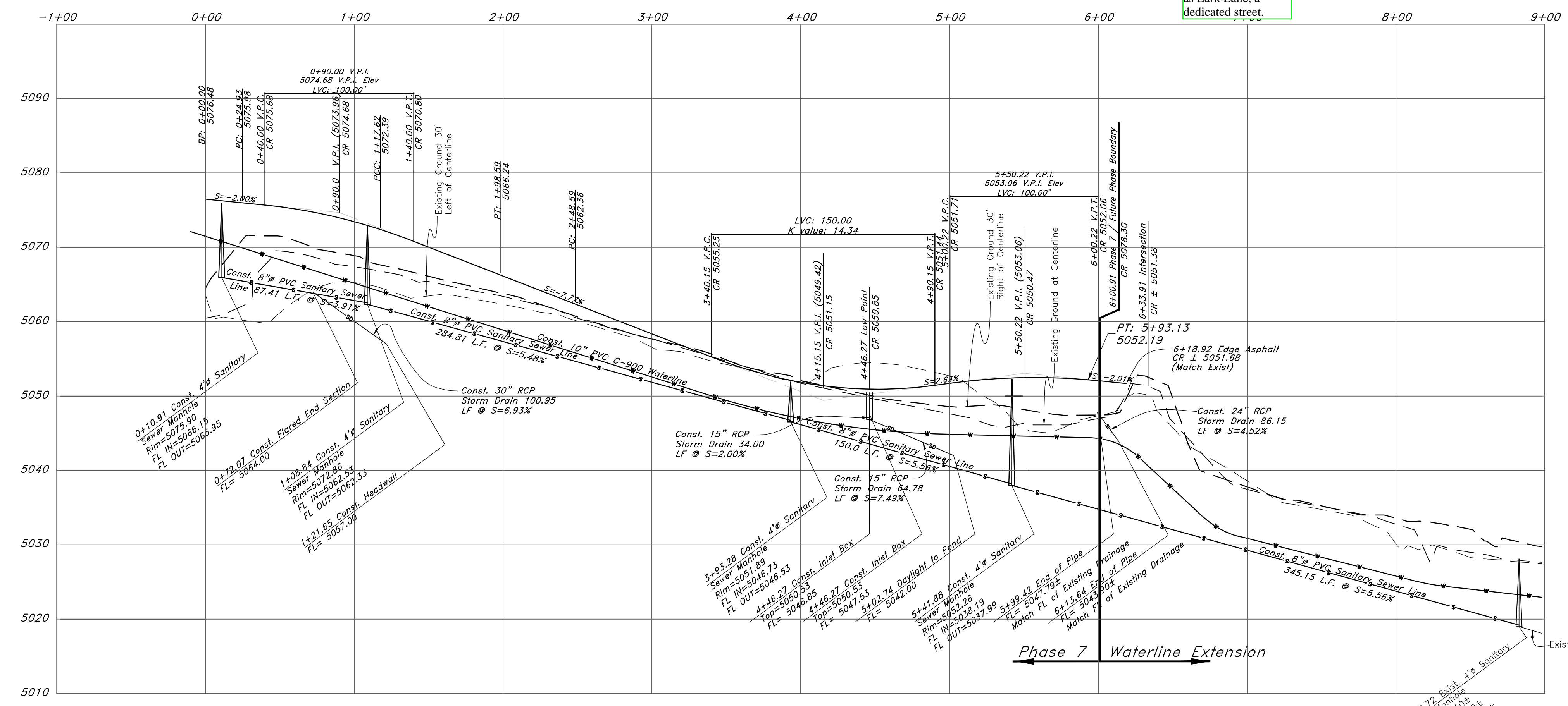
How was the sizing of these pipes determined? What are the flows they are taking?
See attached Storm Water Study for calcs on these two pipes.

What will keep residents from using this road as a regular road? should this be a regular road not a emergency access road?
This is now shown as Lark Lane, a dedicated street.

NOTE: TO PREVENT SOIL EROSION, PROTECT STEEP SLOPES WITH HYDROSEEDING OR EROSION CONTROL BLANKETS.



Emergency Access Road



REV	DATE	DESCRIPTION

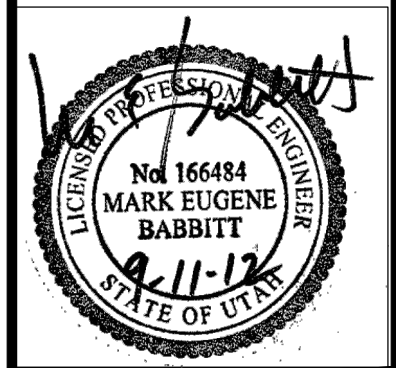
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Plan / Profile (Utility)

The Chalets at Ski Lake No. 7

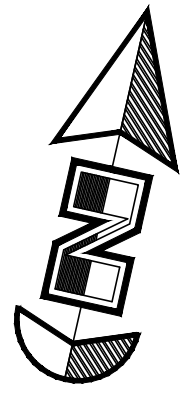
A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, R1E, S18&M, U.S. Survey



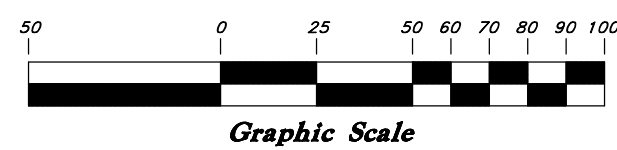
Jan, 2012

SHEET NO. **3**

96N120 Waterline



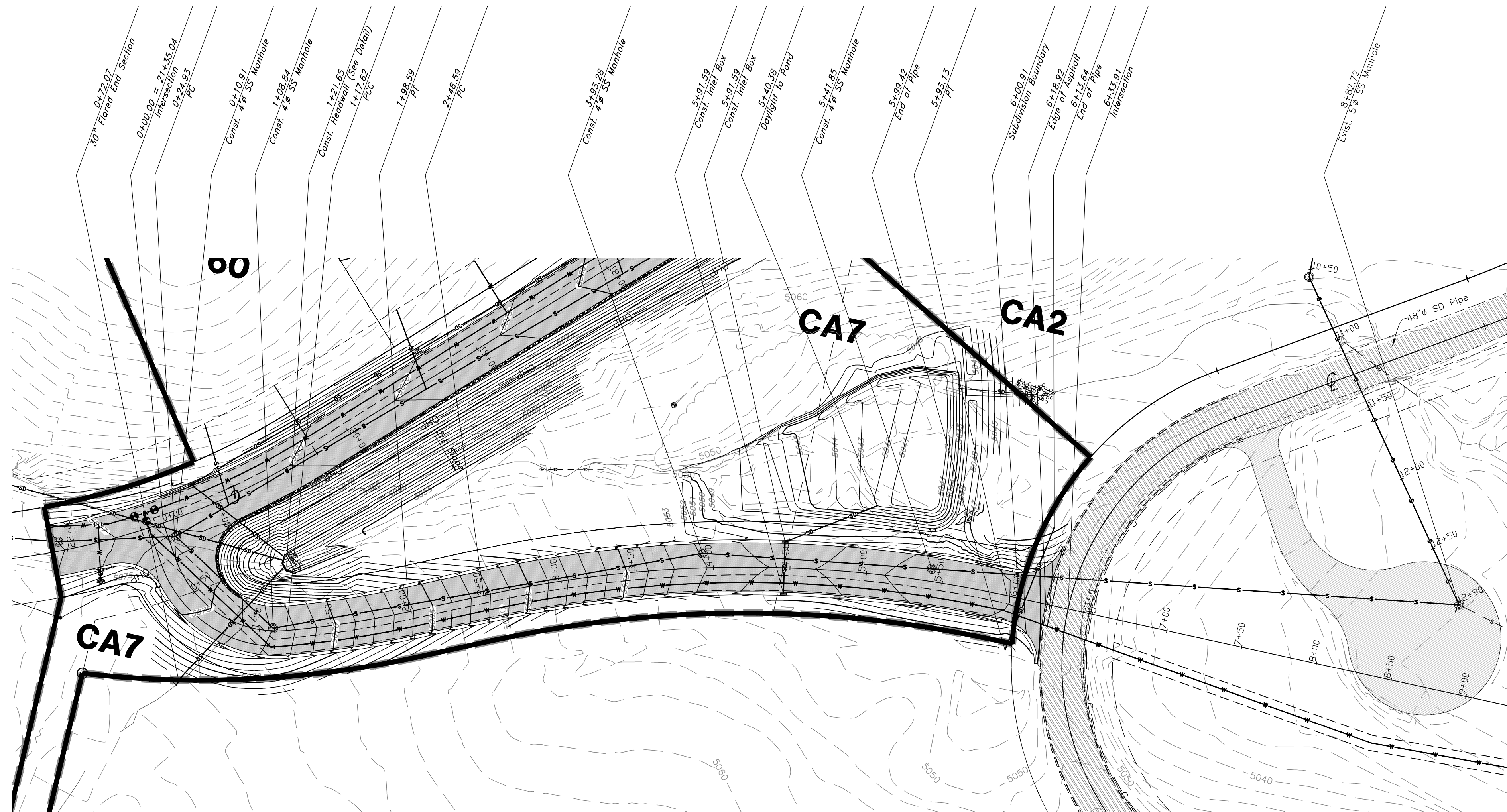
Vertical Scale: 1" = 10'
Horizontal Scale: 1" = 50'



Legend

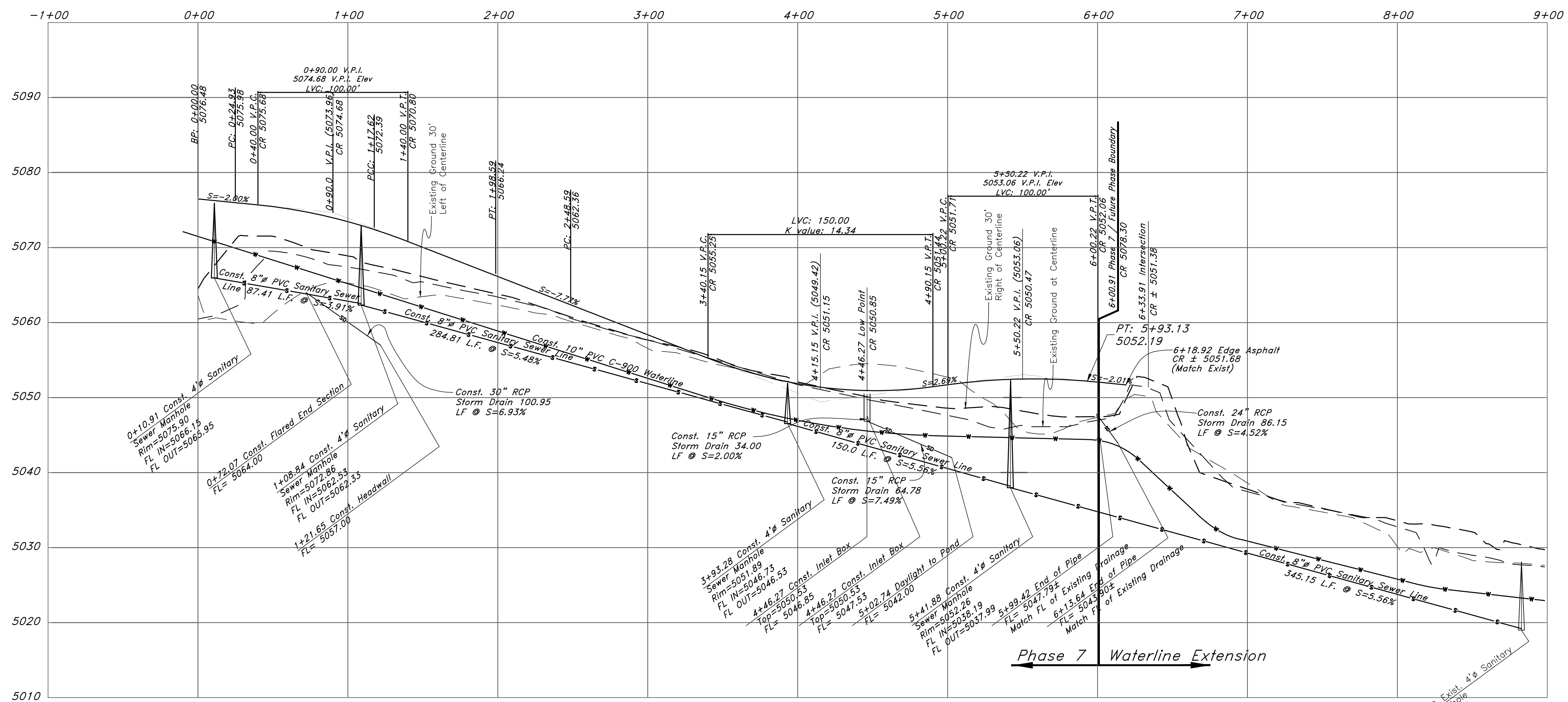
(Note: All items may not appear on drawing)

- San. Sewer Manhole
- Water Manhole
- Storm Drain Manhole
- Electrical Manhole
- Catch Basins
- Exist. Fire Hydrant
- Fire Hydrant
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- Water Valve
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- Irrigation Line
- Storm Drain
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- Secondary Waterline
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- Power pole w/guy
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- Flowline of ditch
- Overhead Power line
- Corrugated Metal Pipe
- Concrete Pipe
- Reinforced Concrete Pipe
- Ductile Iron
- Polyvinyl Chloride
- Top of Asphalt
- Edge of Asphalt
- Centerline
- Flowline
- Finish Floor
- Top of Curb
- Top of Wall
- Top of Concrete
- Natural Ground
- Finish Contour
- Exist. Contour
- Finish Grade
- Exist. Grade
- Ridge Line
- Direction of Flow
- Existing Asphalt
- New Asphalt
- Heavy Duty Asphalt
- Concrete
- Open Face
- Curb & Gutter



NOTE: TO PREVENT SOIL EROSION, PROTECT STEEP SLOPES WITH HYDROSEEDING OR EROSION CONTROL BLANKETS.

Emergency Access Road



REV	DATE	DESCRIPTION

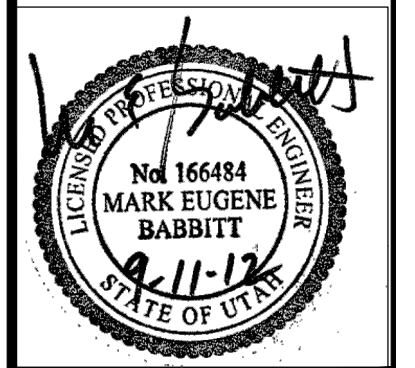
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Plan / Profile (Grading)

The Chalets at Ski Lake No. 7

A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, T6E, S18&M, U.S. Survey



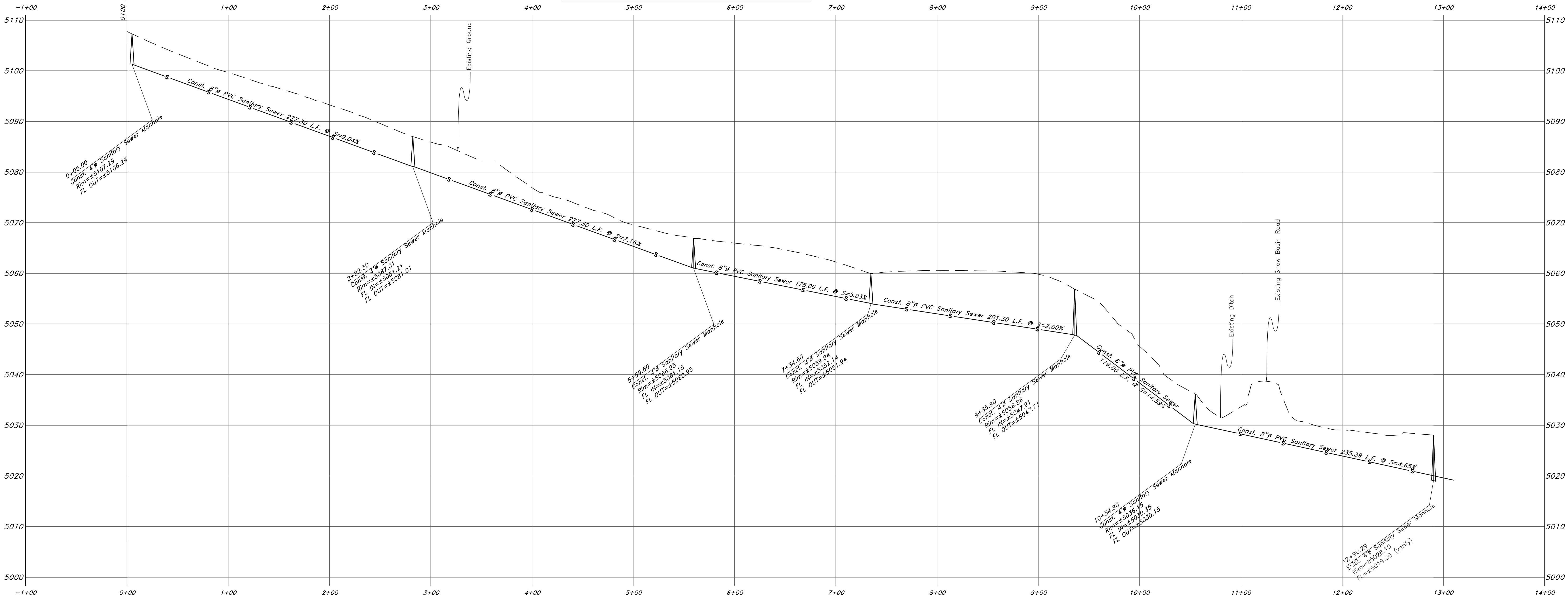
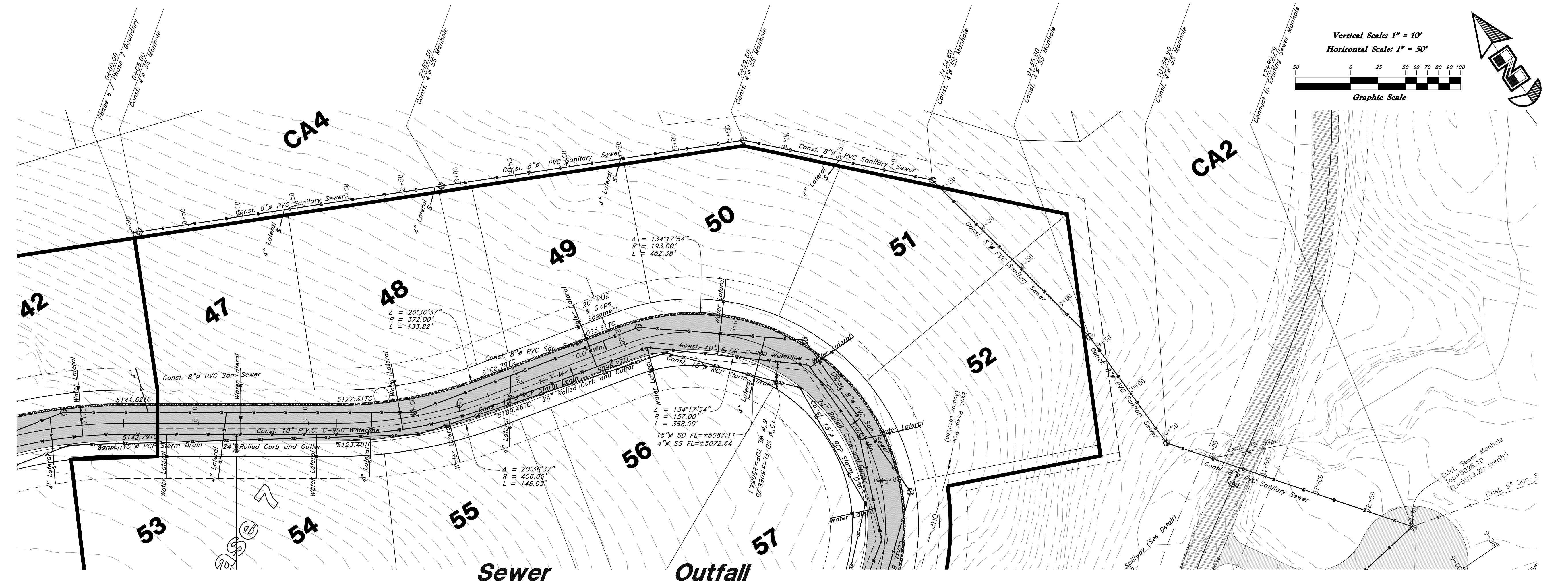
Jan, 2012

SHEET NO.
3a

Legend

(Note: All items may not appear on drawing)

- San Sewer Manhole
- Water Manhole
- Storm Drain Manhole
- Electrical Manhole
- Catch Basins
- Exist. Fire Hydrant
- Fire Hydrant
- Exist. Water Valve
- Water Valve
- Sanitary Sewer
- Culinary Water
- Gas Line
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- Storm Drain
- Telephone Line
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- Power pole
- Power pole w/guy
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- Fence
- Flowline of ditch
- Overhead Power line
- Corrugated Metal Pipe
- Concrete Pipe
- Reinforced Concrete Pipe
- Ductile Iron
- Polyvinyl Chloride
- TA
- EA
- CL
- FL
- FF
- TW
- TC
- TW
- TCN
- NG
- 90
- 90
- 95.537A
- 95.721A
- R
- Direction of Flow
- Existing Asphalt
- New Asphalt
- Heavy Duty Asphalt
- Concrete
- Open Face
- Curb & Gutter



REV	DATE	DESCRIPTION

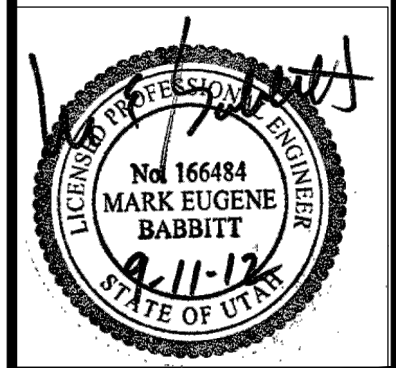
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Sewer Outfall Plan / Profile

The Chalets at Ski Lake No. 7

A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, R1E, SLB&M, U.S. Survey



Jan, 2012

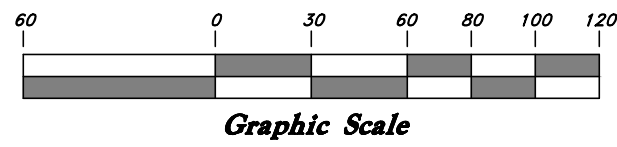
SHEET NO.

4

96N120 Waterline



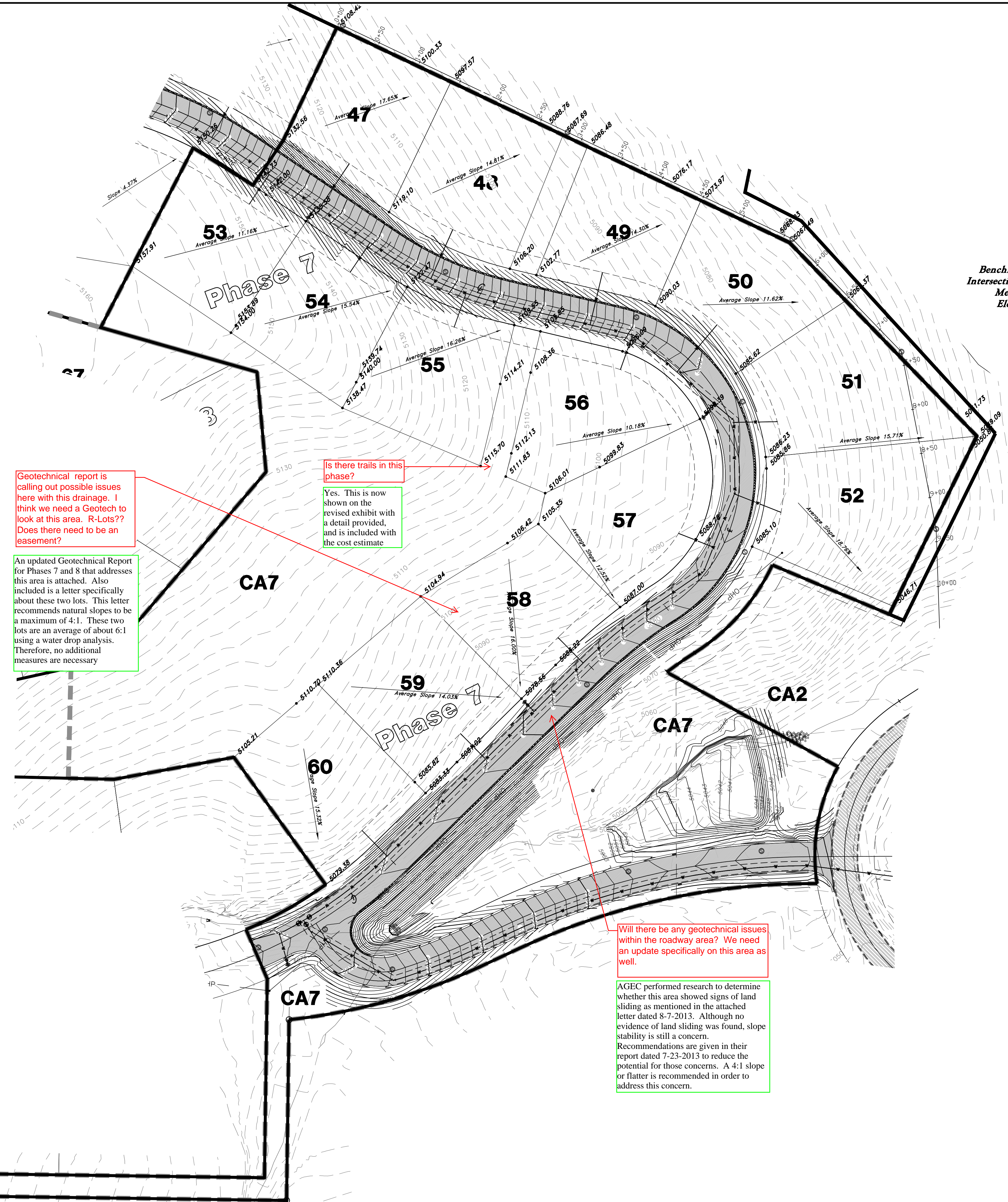
Scale: 1" = 60'



Legend

(Note: All items may not appear on drawing)

- San. Sewer Manhole
- Water Manhole
- Storm Drain Manhole
- Electrical Manhole
- Catch Basins
- Exist. Fire Hydrant
- Fire Hydrant
- Exist. Water Valve
- Water Valve
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- Exist. Contour
- Finish Grade
- Exist. Grade
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- Existing Asphalt
- New Asphalt
- Heavy Duty Asphalt
- Concrete
- Open Face
- Curb & Gutter



Benchmark: Monument at Intersection of Quail Lane and Meadow Lark Lane
Elevation: 5022.34

Geotechnical report is calling out possible issues here with this drainage. I think we need a Geotech to look at this area. R-Lots?? Does there need to be an easement?

An updated Geotechnical Report for Phases 7 and 8 that addresses this area is attached. Also included is a letter specifically about these two lots. This letter recommends natural slopes to be a maximum of 4:1. These two lots are an average of about 6:1 using a water drop analysis. Therefore, no additional measures are necessary

Is there trails in this phase?

Yes. This is now shown on the revised exhibit with a detail provided, and is included with the cost estimate

Will there be any geotechnical issues within the roadway area? We need an update specifically on this area as well.

AGEC performed research to determine whether this area showed signs of land sliding as mentioned in the attached letter dated 8-7-2013. Although no evidence of land sliding was found, slope stability is still a concern. Recommendations are given in their report dated 7-23-2013 to reduce the potential for those concerns. A 4:1 slope or flatter is recommended in order to address this concern.

REV	DATE	DESCRIPTION

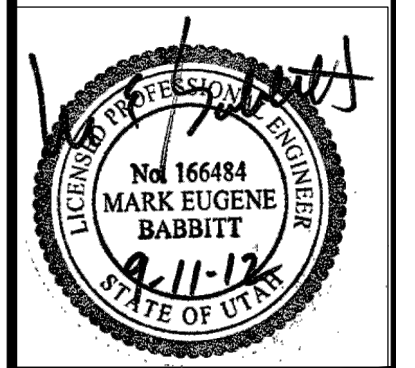
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Average Slope Exhibit

The Chalets at Ski Lake No. 7

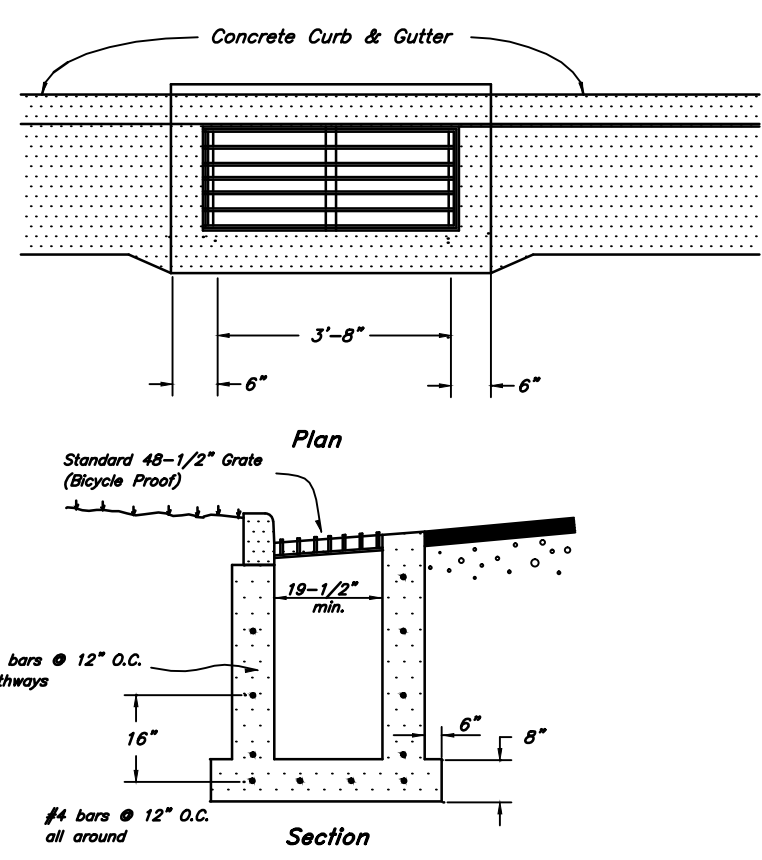
A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, R1E, S18&M, U.S., Survey



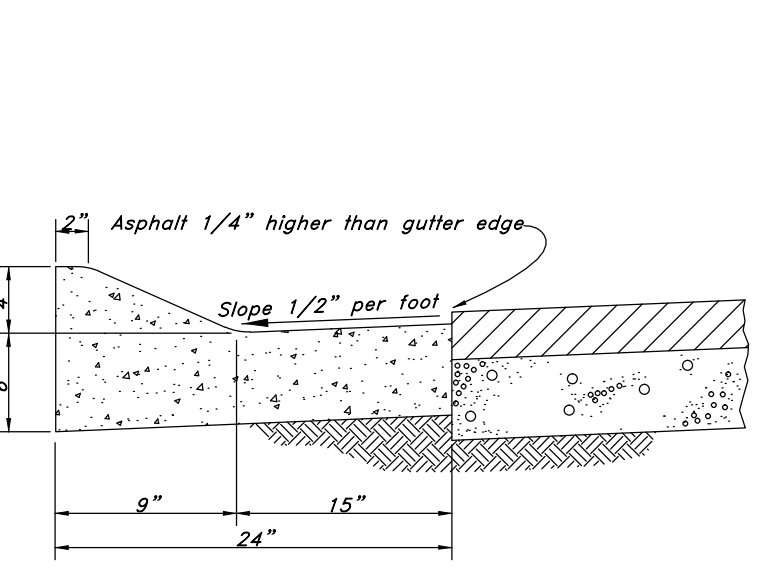
Jan, 2012

SHEET NO. **EX**

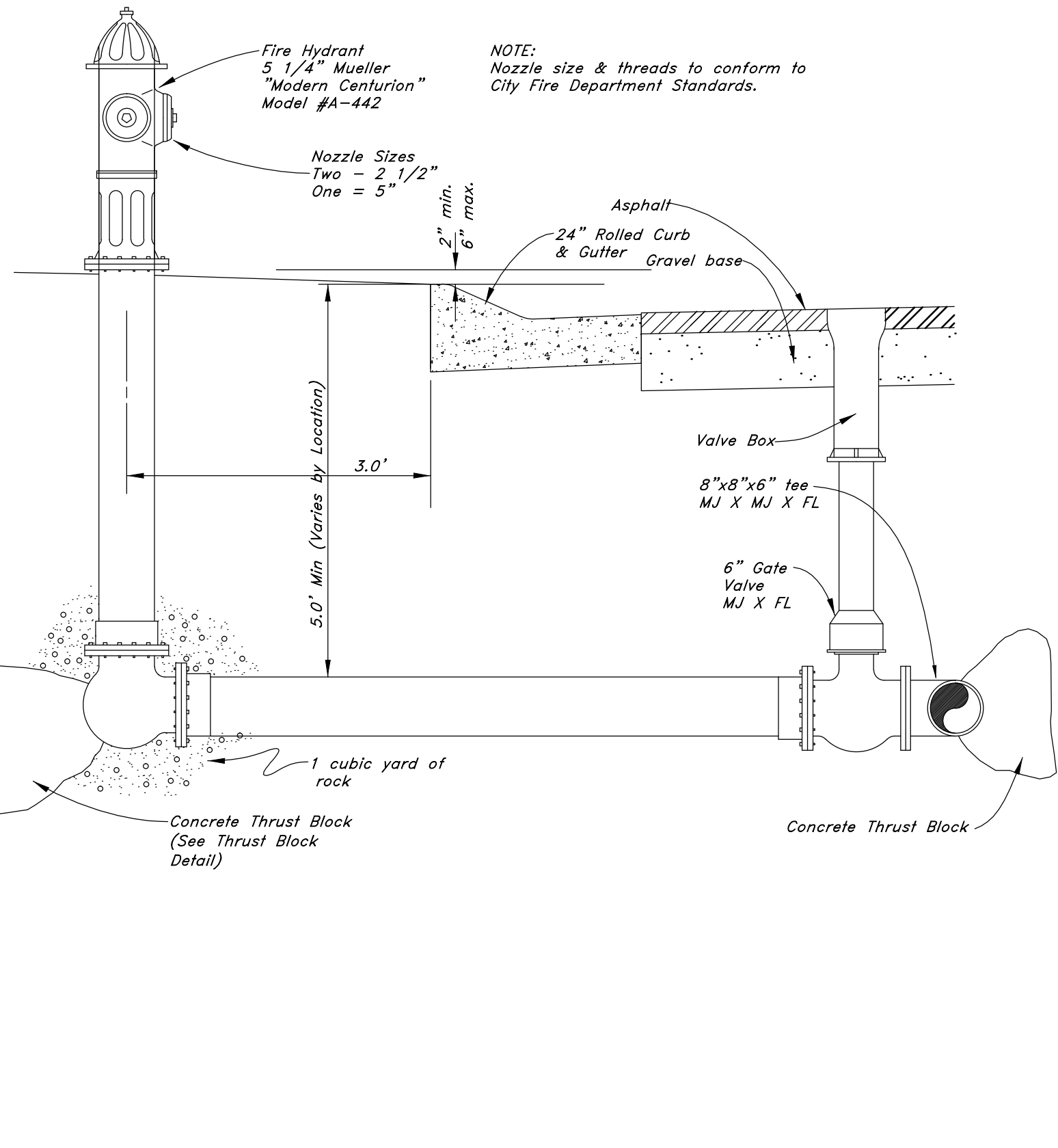
96N120 Waterline



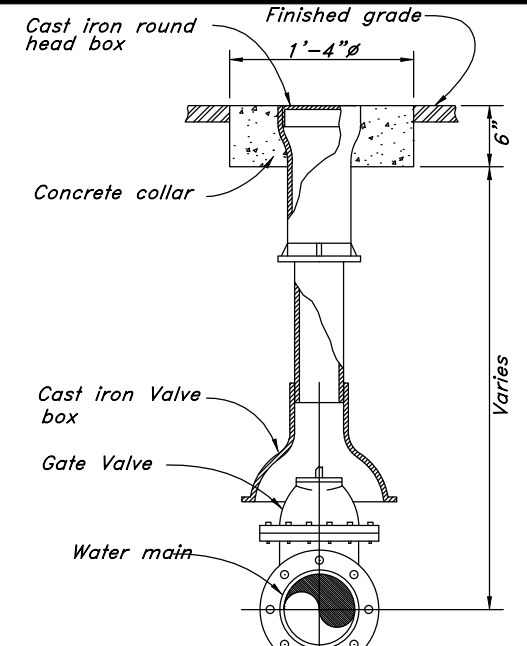
1 Typical Inlet Box
Not to Scale



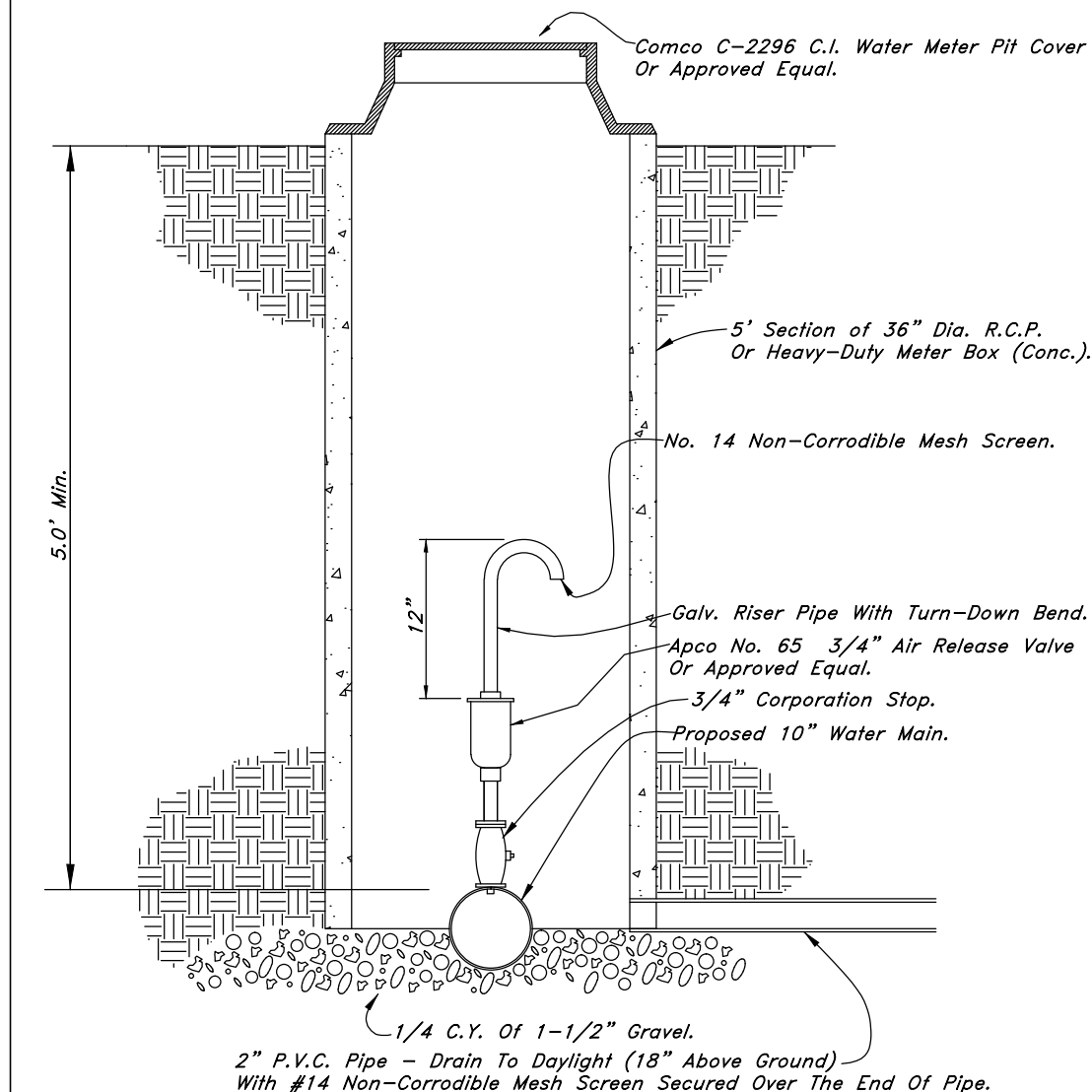
2 Typical 24" Std. Rolled Curb and Gutter
Not to Scale



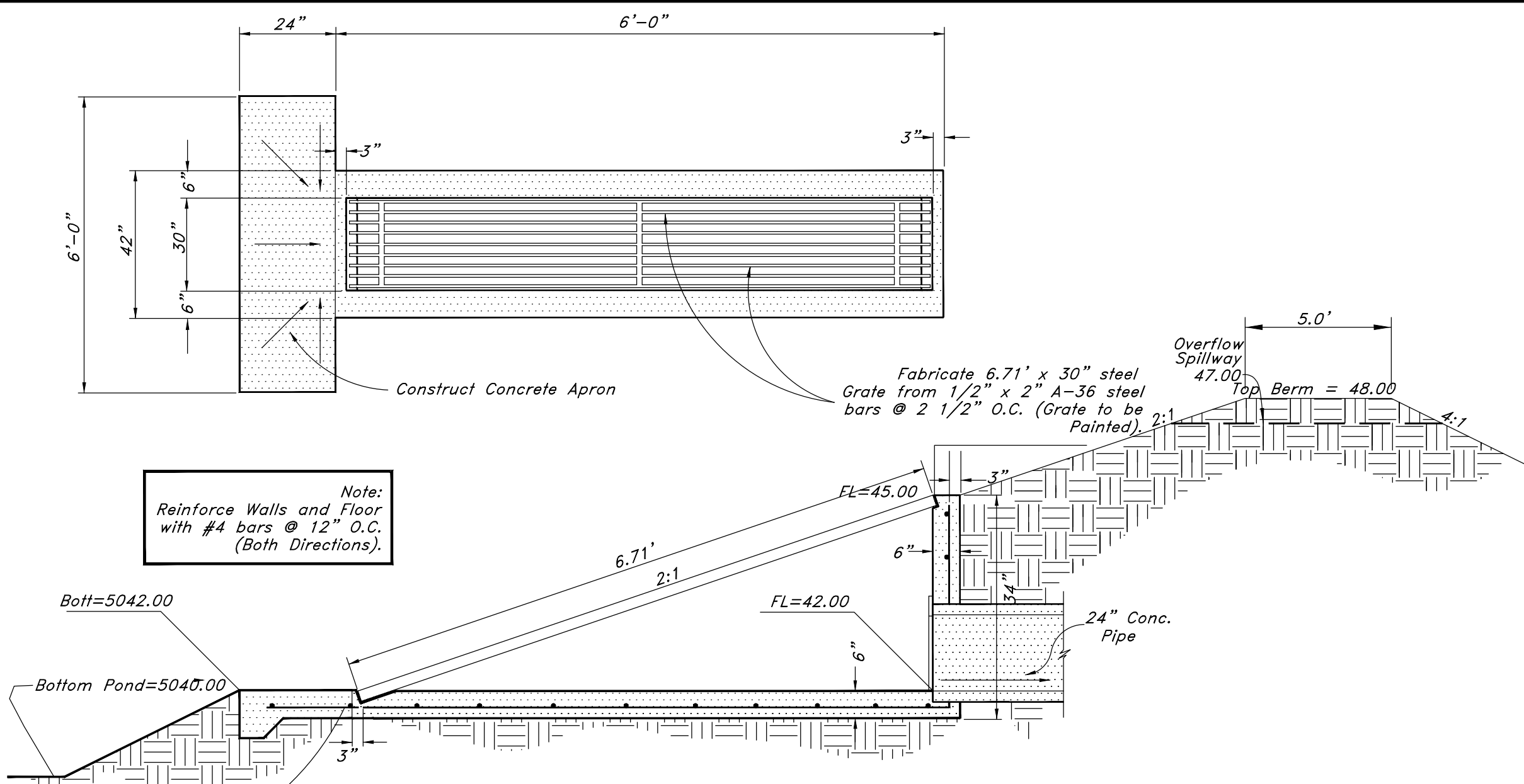
3 Typical Fire Hydrant & Valve Connection
Not to Scale



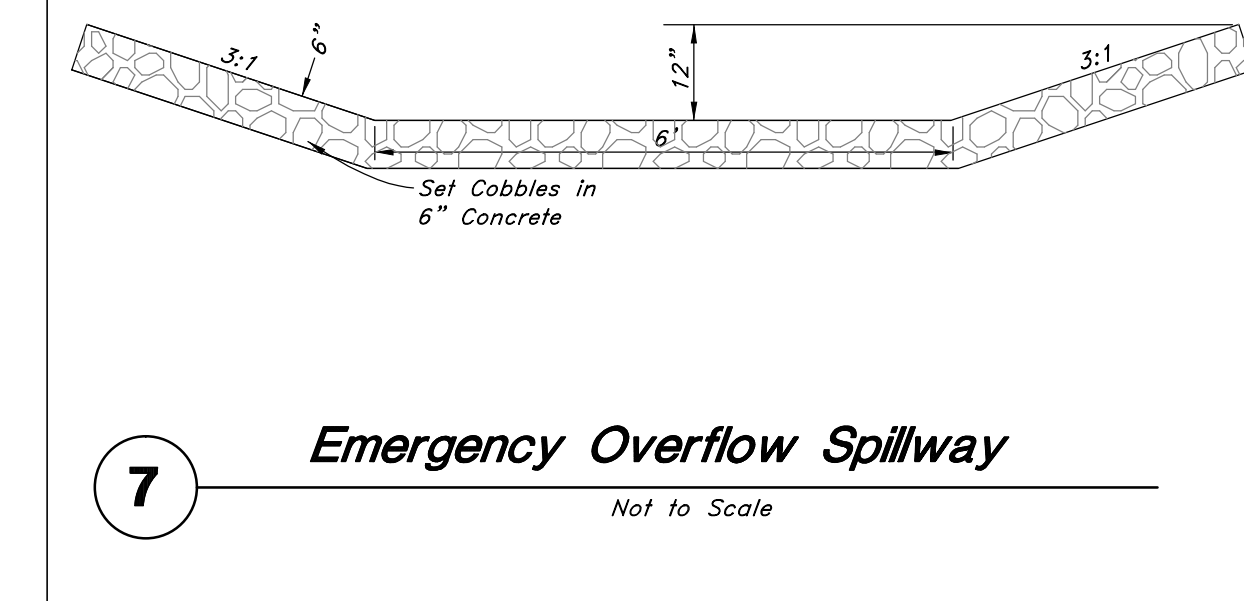
4 Typical Gate Valve
Not to Scale



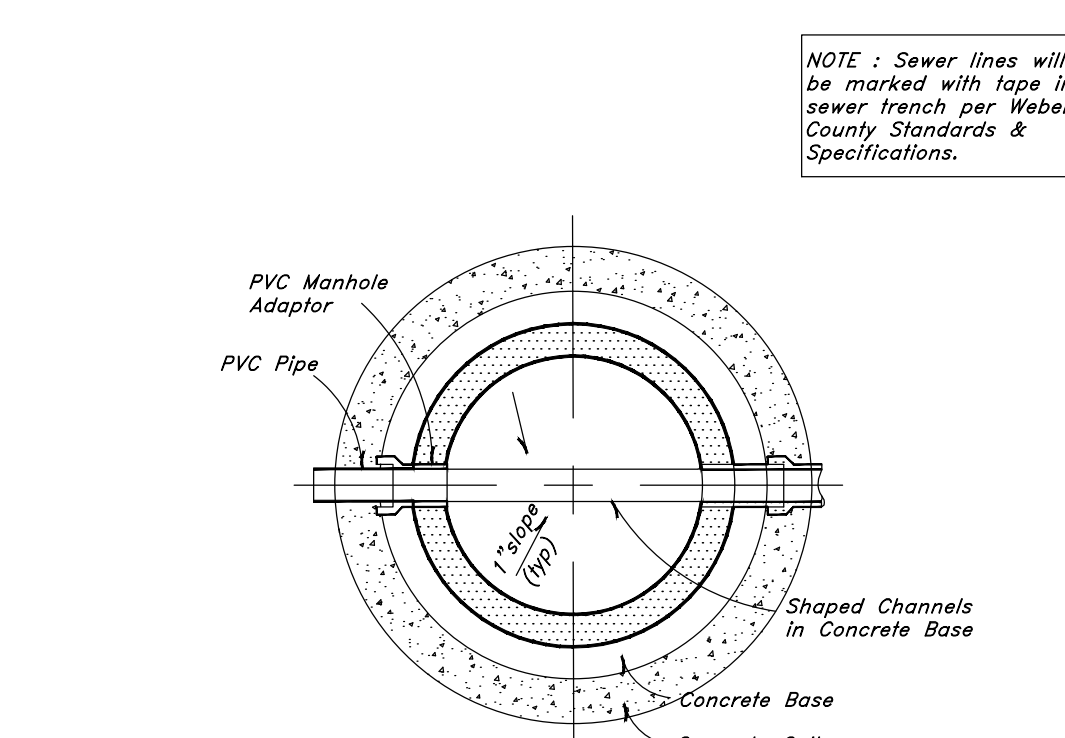
5 Air Release Detail
Not to Scale



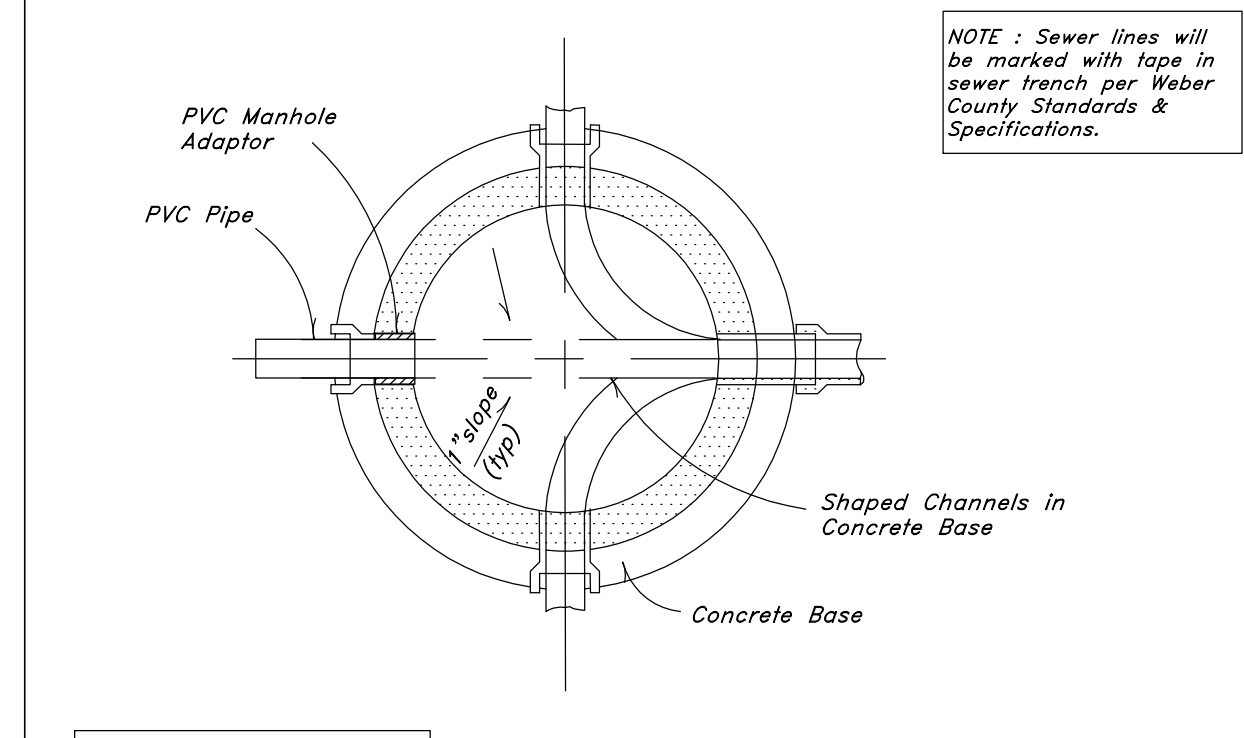
6 Detail of Inlet / Outlet Structure
Not to Scale



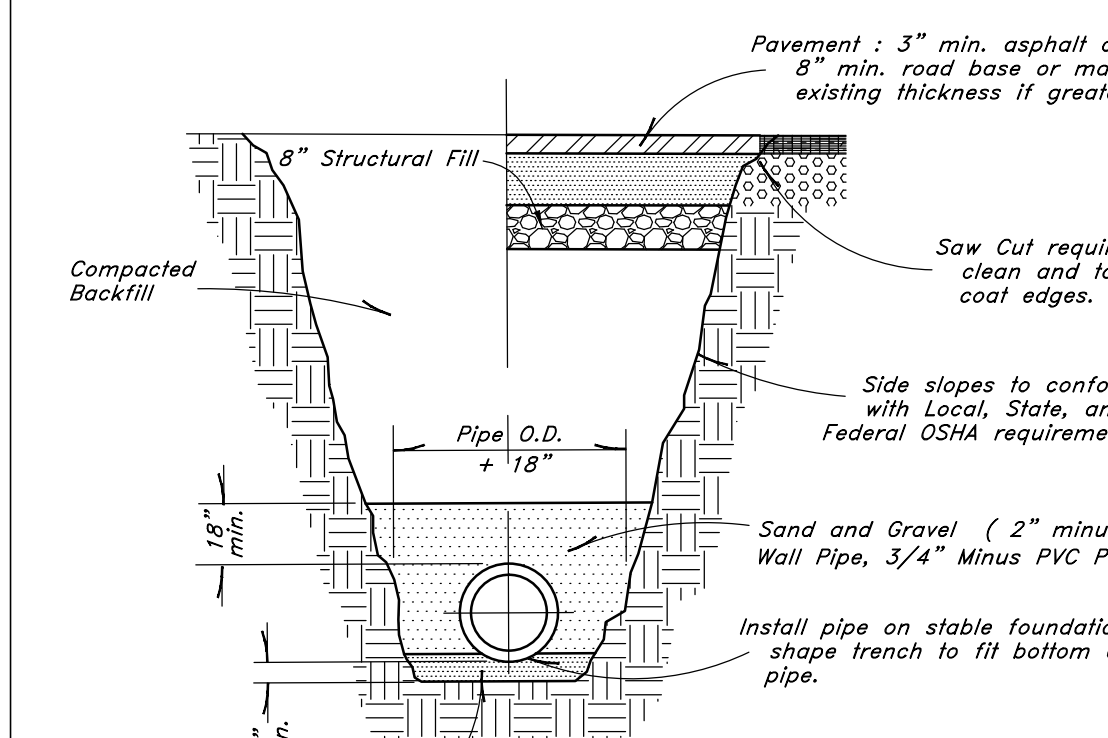
7 Emergency Overflow Spillway
Not to Scale



8 Typical 4.0' Manhole Detail
Not to Scale



9 Typical 5.0' Manhole Detail
Not to Scale

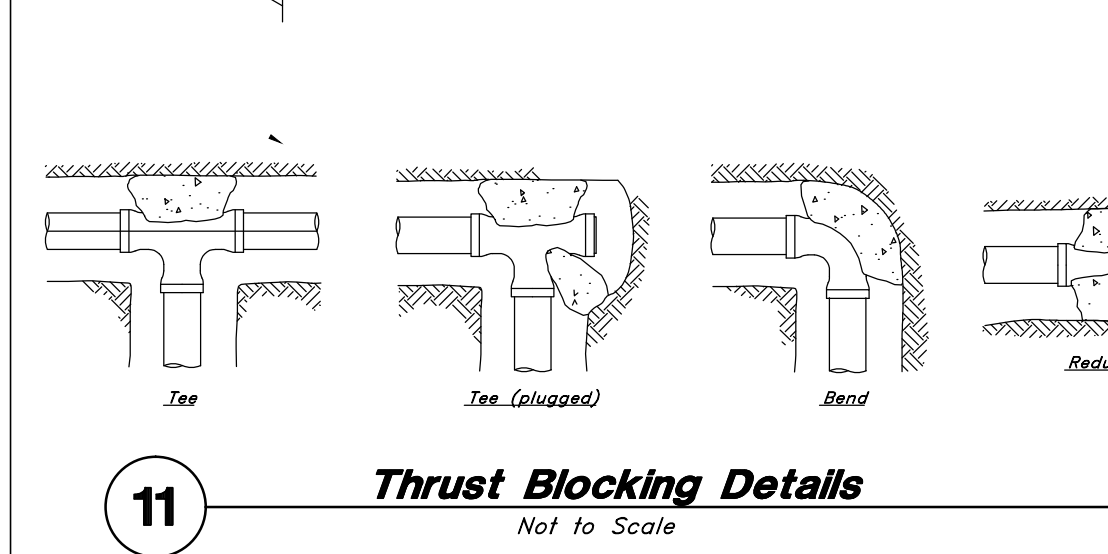


10 Typical Trench Detail
Not to Scale

11 Thrust Blocking Details
Not to Scale

FITTING SIZE	TEES & PLUGS				90° BEND				45° BEND & WYES				REDUCERS, 1" & 1/4" & 2" & 1 1/2" BENDS			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		
4"	1 7/8"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"		
6"	2 1/2"	1 11/16"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"		
8"	2 7/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"	2 1/8"		
10"	3 1/4"	3 1/8"	3 1/8"	3 1/8"	3 1/8"	3 1/8"	3 1/8"	3 1/8"	3 1/8"	3 1/8"	3 1/8"	3 1/8"	3 1/8"	3 1/8"		
12"	4 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"	3 1/4"		
14"	5 1/4"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"		

NOTE: This table is based on 150 PSI Main Pressure
2000 PSF Soil Bearing Pressure



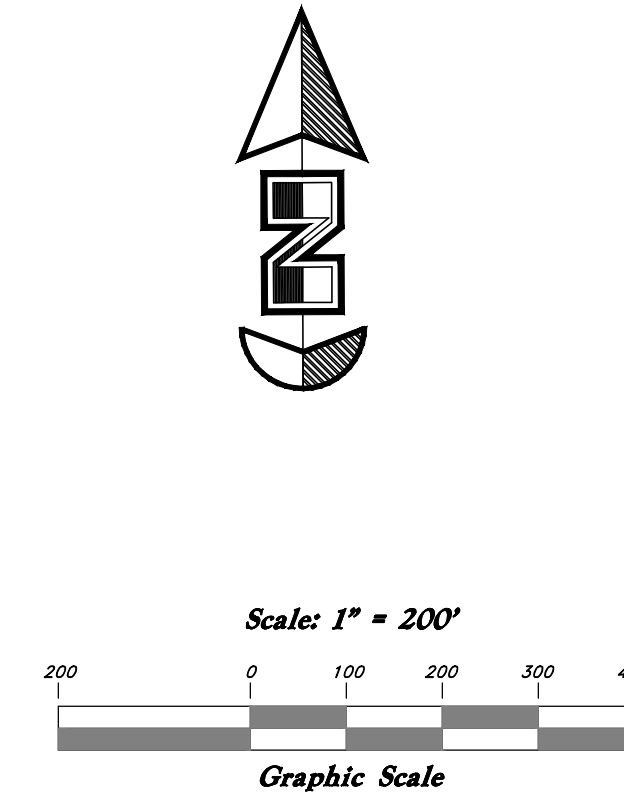
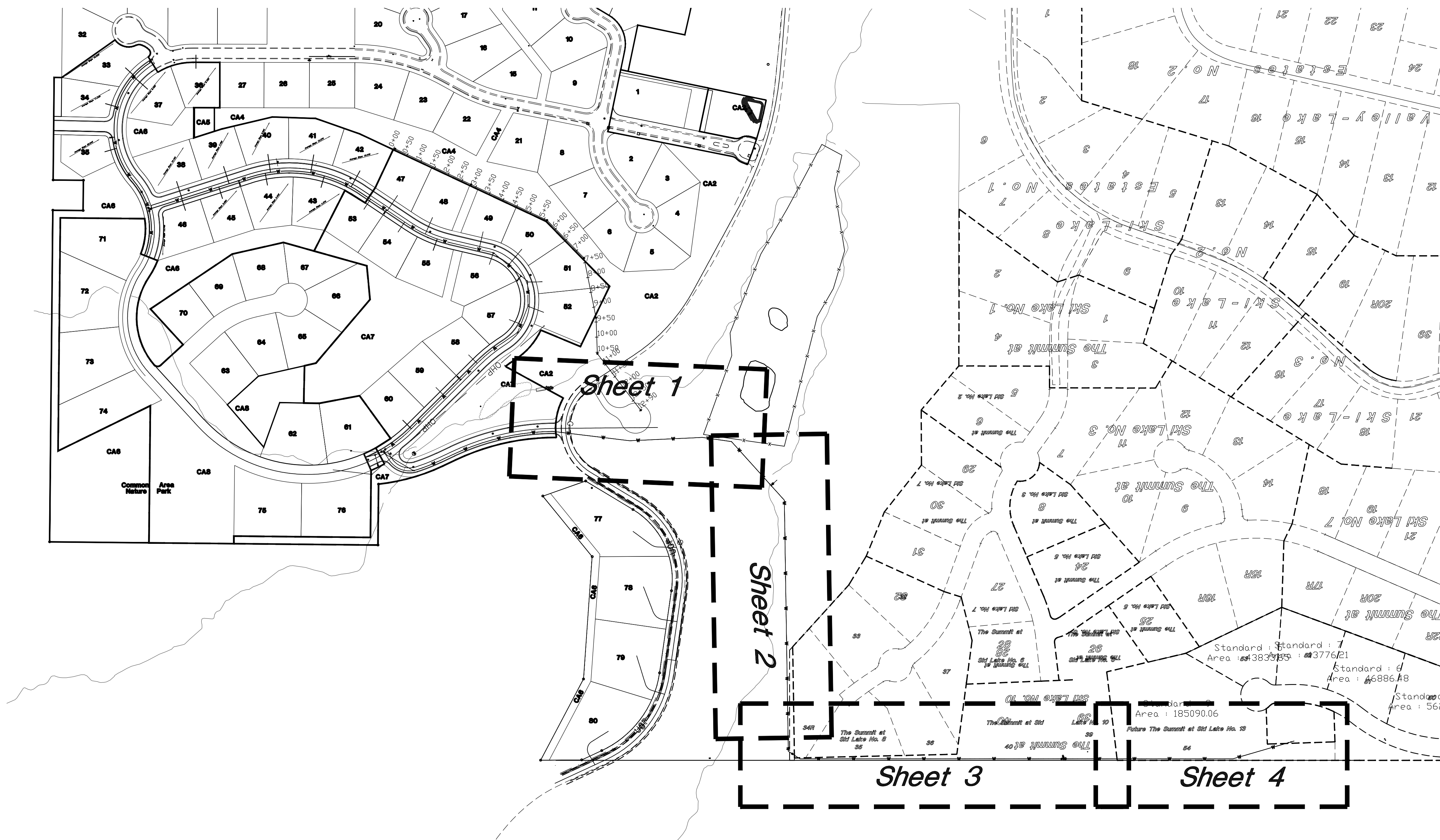
12 Standard Headwall Detail
Not to Scale

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The Chalets at Ski Lake No. 7
A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, R1E, S16&M, U.S. Survey

Mark Eugene Babbitt
Professional Engineer
No. 166484
9.11.12
STATE OF UTAH

Jan, 2012
SHEET NO. **5**
96N120 Waterline



Legend

- (Note: All items may not appear on drawing)
- San. Sewer Manhole
 - Water Manhole
 - Storm Drain Manhole
 - Electrical Manhole
 - Catch Basins
 - Exist. Fire Hydrant
 - Fire Hydrant
 - Exist. Water Valve
 - Water Valve
 - Sanitary Sewer
 - Culinary Water
 - Gas Line
 - Irrigation Line
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 - Concrete Pipe
 - Reinforced Concrete Pipe
 - Ductile Iron
 - Polyvinyl Chloride
 - Top of Asphalt
 - Edge of Asphalt
 - Centerline
 - Flowline
 - Finish Floor
 - Top of Curb
 - Top of Wall
 - Top of Walk
 - Top of Concrete
 - Natural Ground
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 - Exist. Contour
 - Finish Grade
 - Exist. Grade
 - Ridge Line
 - Direction of Flow
 - Existing Asphalt
 - New Asphalt
 - Heavy Duty Asphalt
 - Concrete
 - Open Face
 - Curb & Gutter

REV	DATE	DESCRIPTION

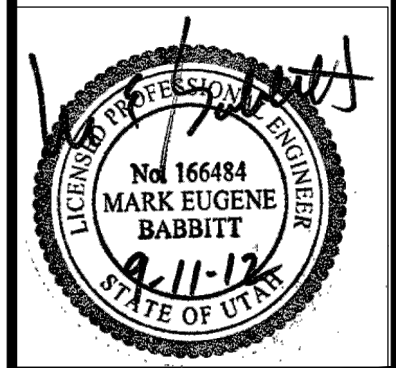
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Waterline Key Map

Lakeview Water Waterline

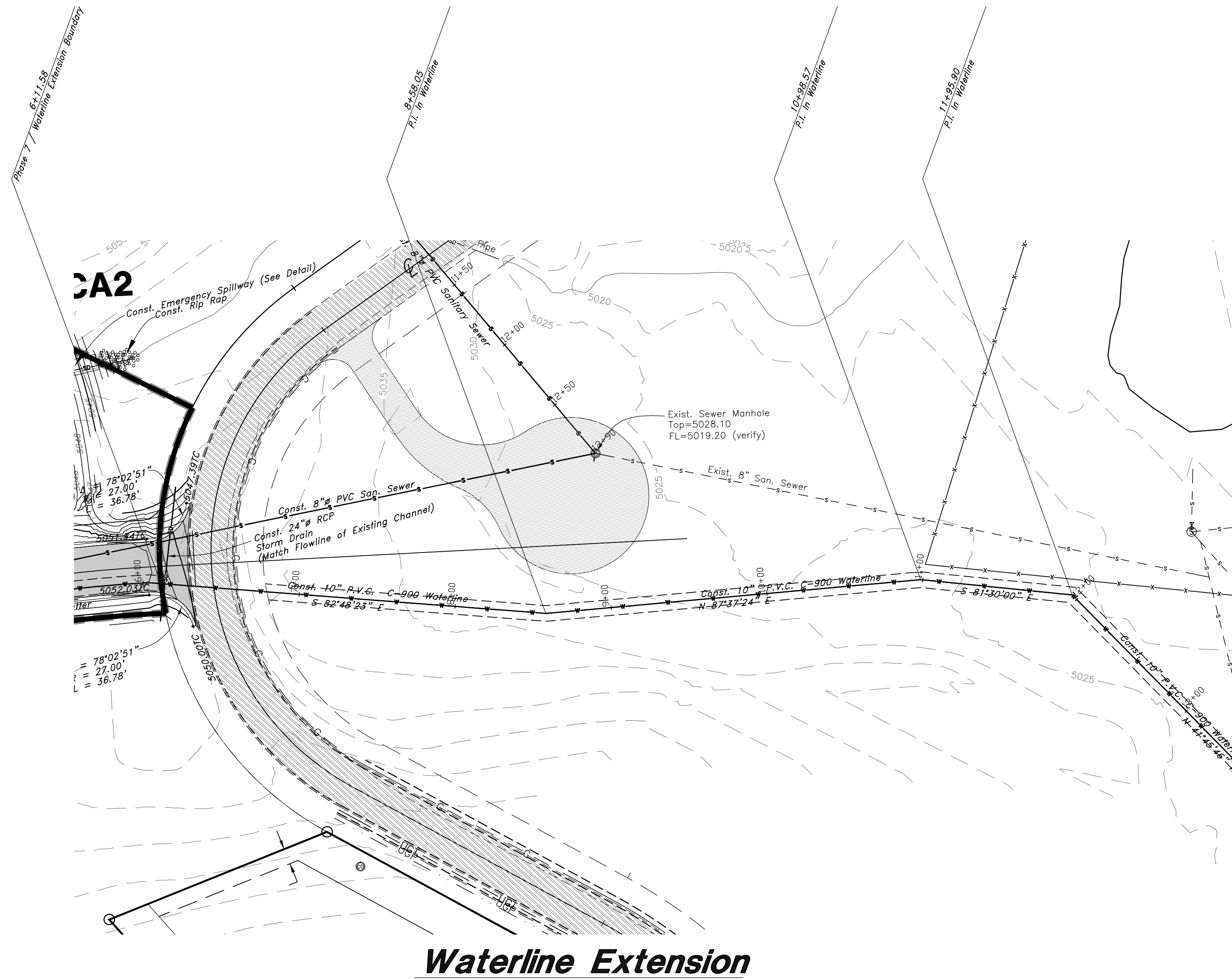
A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 24, 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24,



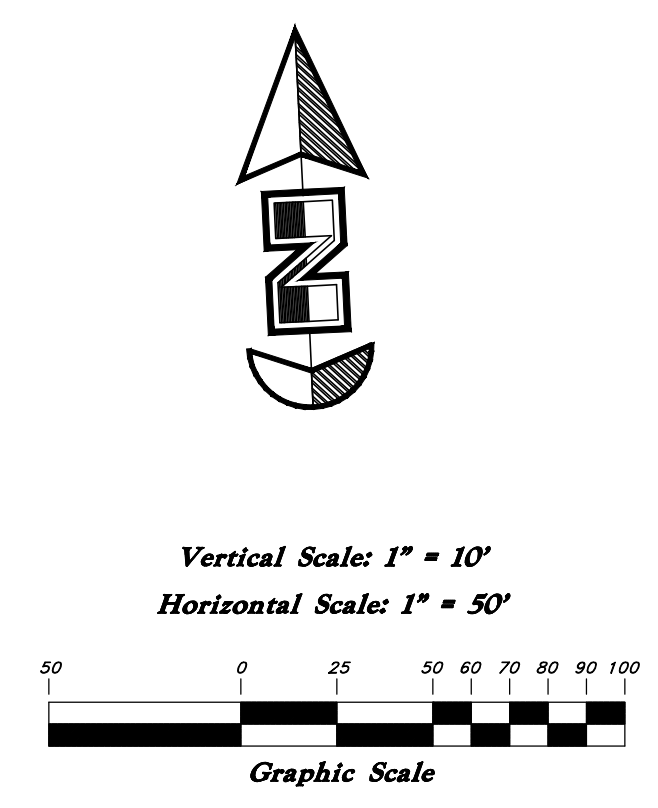
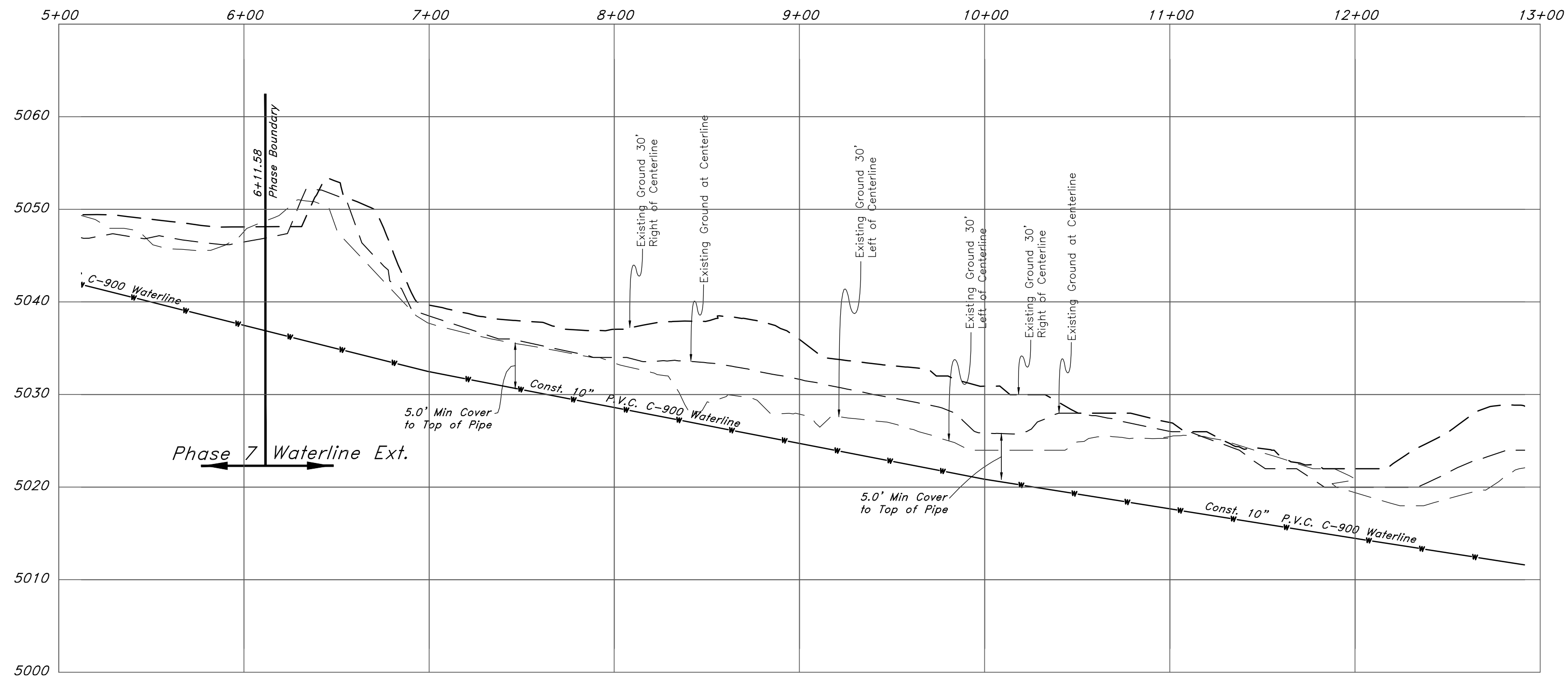
Jan, 2012

SHEET NO. **KM**

Benchmark: Monument at
Intersection of Quail Lane and
Meadow Lark Lane
Elevation: 5022.34



Waterline Extension



Legend

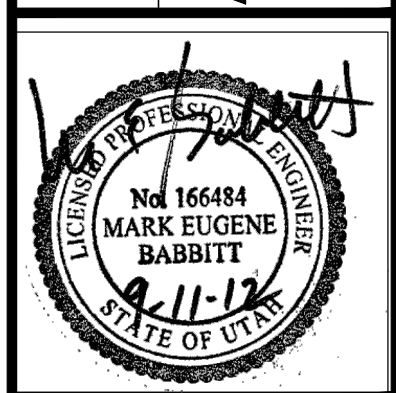
- (Note: All items may not appear on drawing)
- San. Sewer Manhole
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 - Existing Asphalt
 - New Asphalt
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 - Concrete
 - Open Face
 - Curb & Gutter

REV	DATE	DESCRIPTION

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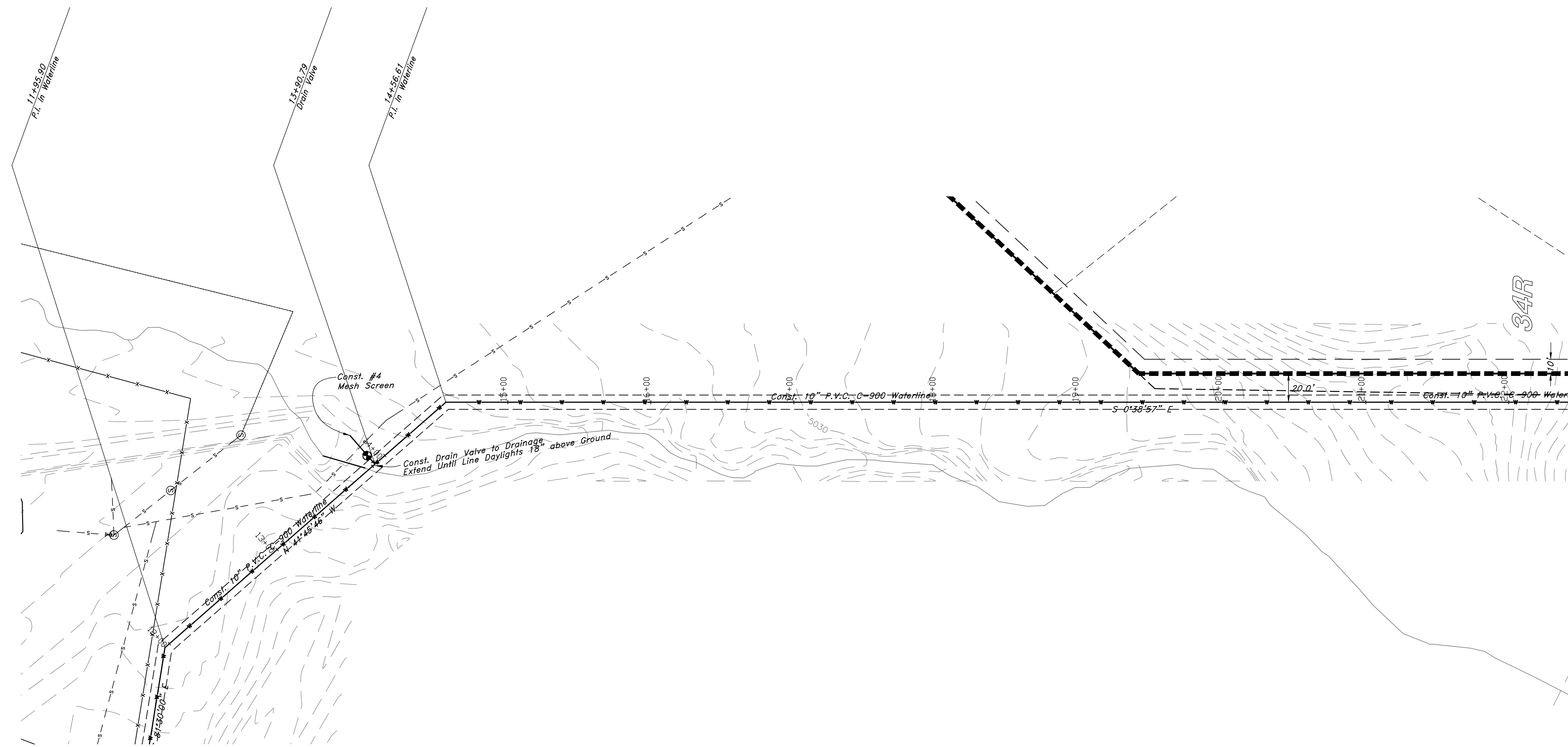
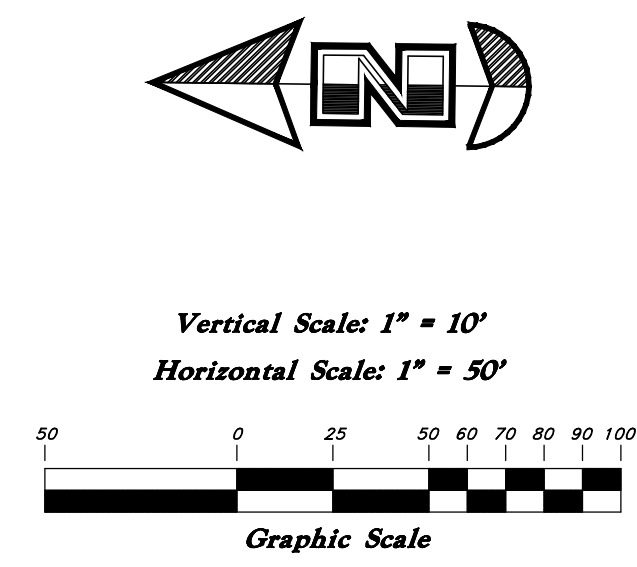
5746 SOUTH 1475 EAST, SUITE 202, P.O. BOX 1827, CANYONVILLE, OREGON 97331
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Waterline Plan and Profile
Lakeview Water - Waterline Extension
 A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 24, 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, R1E, SLB&M, U.S. Survey



Jan, 2012

SHEET NO.
1

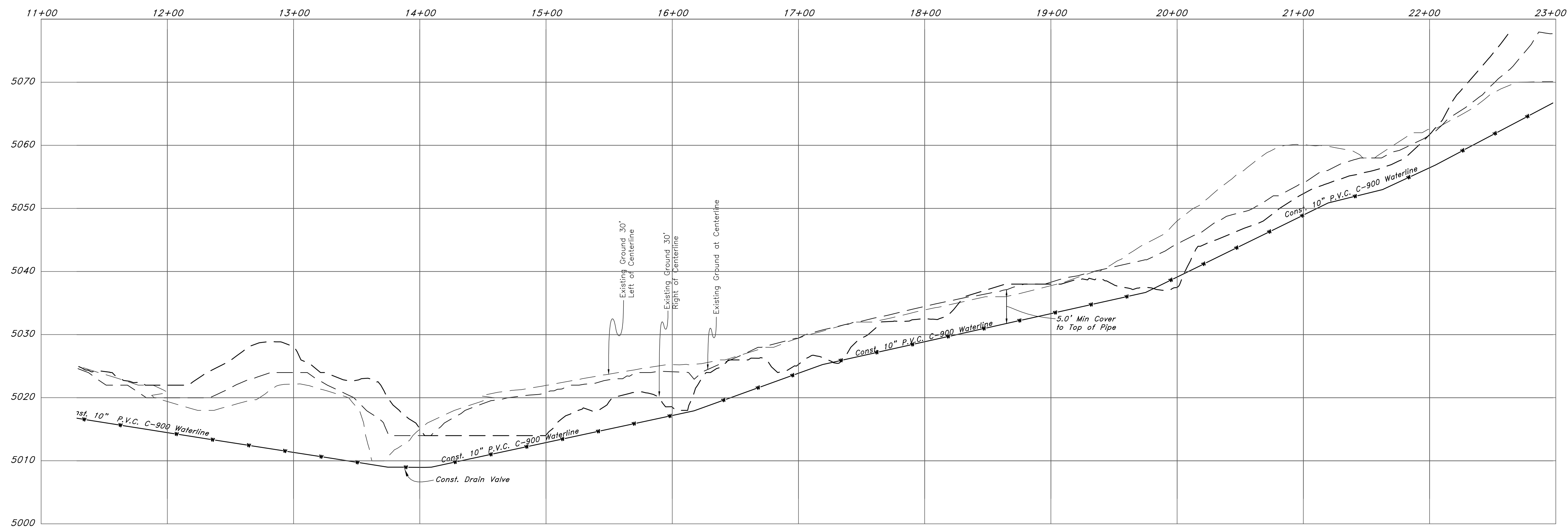


Waterline Extension

Legend

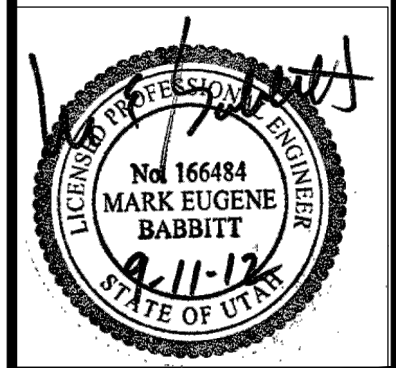
(Note: All items may not appear on drawing)

- | | | | | | | | |
|---------------------|--|--------------------------|--|--------------------|--|---------|--|
| San. Sewer Manhole | | Fire Line | | Top of Walk | | TW | |
| Water Manhole | | Land Drain | | Top of Concrete | | TCN | |
| Storm Drain Manhole | | Power pole w/guy | | Natural Ground | | NG | |
| Electrical Manhole | | Light Pole | | Finish Contour | | 90 | |
| Catch Basins | | Fence | | Exist. Contour | | 90 | |
| Exist. Fire Hydrant | | Flowline of ditch | | Finish Grade | | 95.337A | |
| Fire Hydrant | | Overhead Power line | | Exist. Grade | | 95.725A | |
| Exist. Water Valve | | Corrugated Metal Pipe | | Ridge Line | | R | |
| Water Valve | | Concrete Pipe | | Direction of Flow | | | |
| Sanitary Sewer | | Reinforced Concrete Pipe | | Existing Asphalt | | | |
| Culinary Water | | Ductile Iron | | New Asphalt | | | |
| Gas Line | | Polyvinyl Chloride | | Heavy Duty Asphalt | | | |
| Irrigation Line | | Top of Asphalt | | Concrete | | | |
| Storm Drain | | Edge of Asphalt | | Open Face | | | |
| Telephone Line | | Centerline | | Curb & Gutter | | | |
| Secondary Waterline | | Flowline | | | | | |
| Power Line | | Finish Floor | | | | | |
| | | Top of Curb | | | | | |
| | | Top of Wall | | | | | |



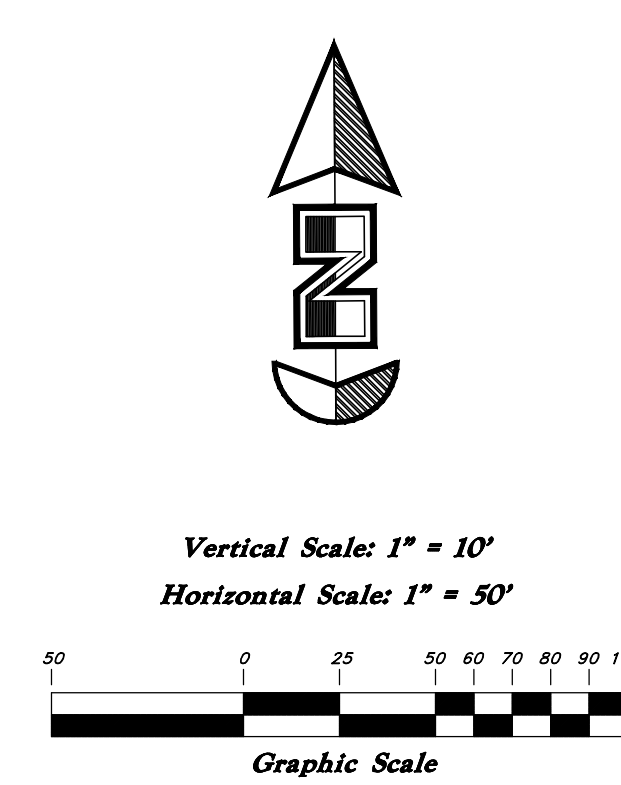
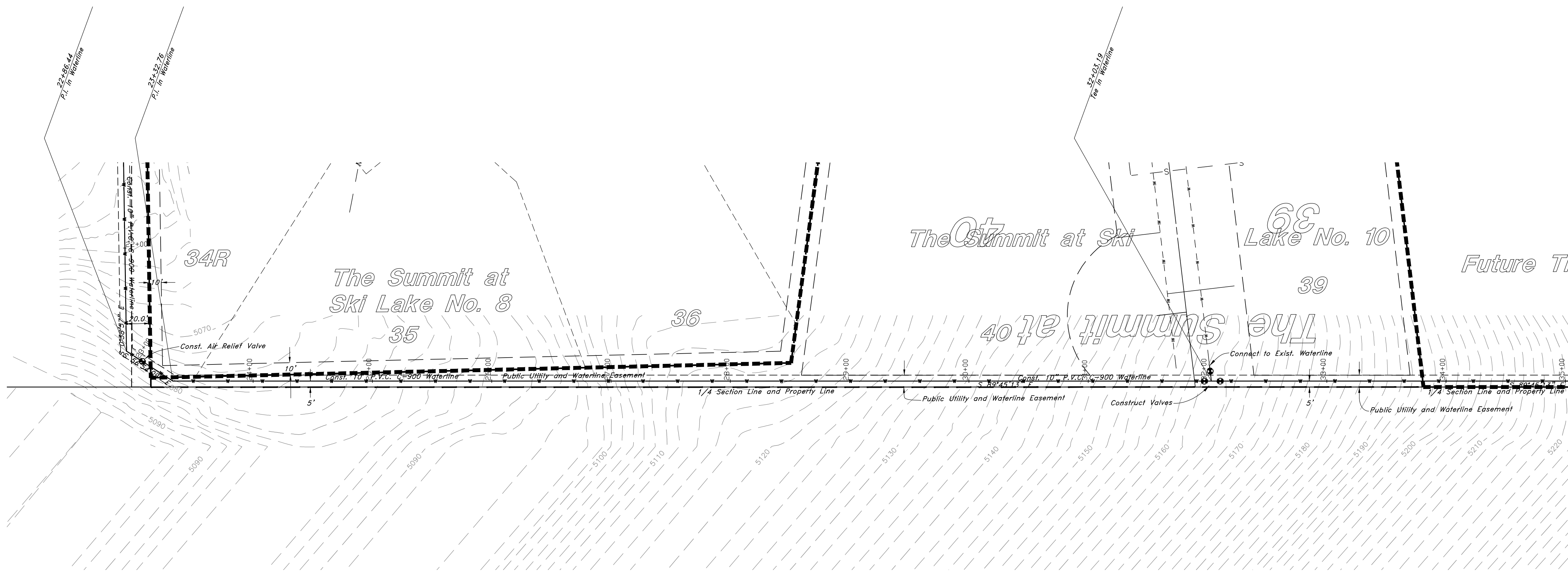
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Waterline Plan and Profile
Lakeview Water - Waterline Extension
 A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, R1E, S1B&M, U.S. Survey

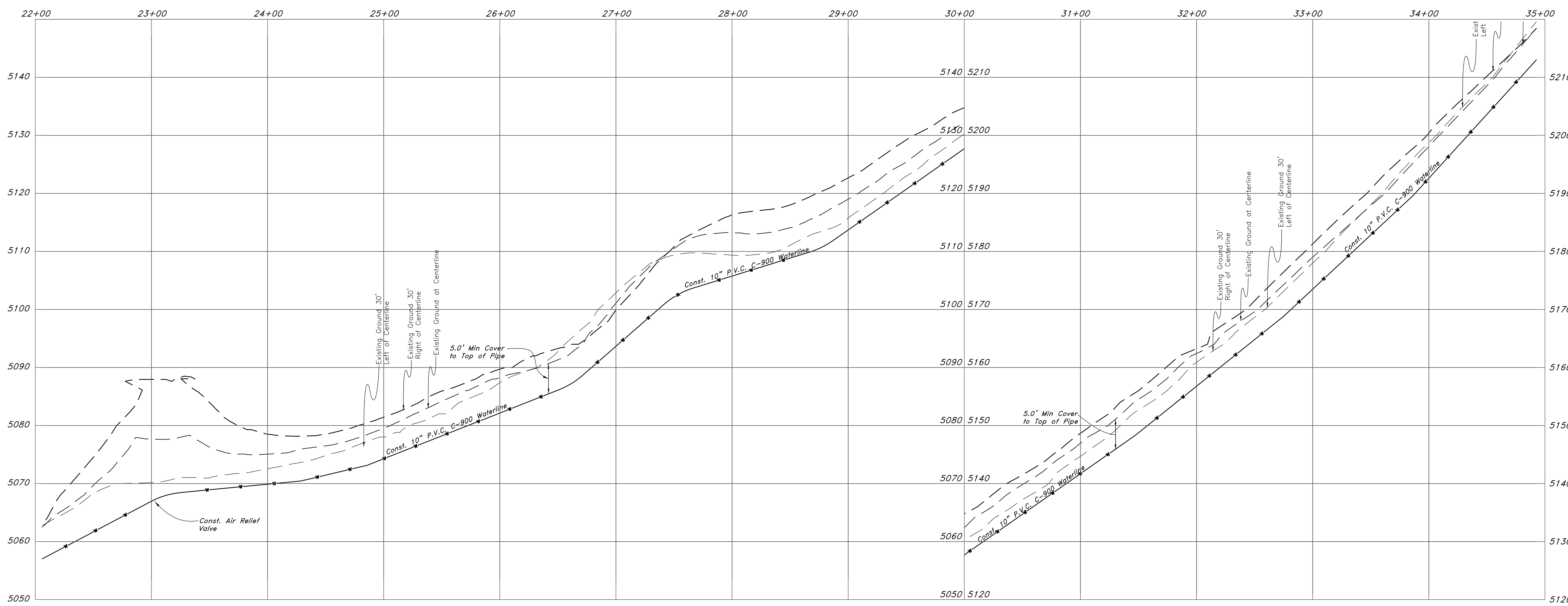


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SHEET NO. **2**



Waterline Extension



Legend

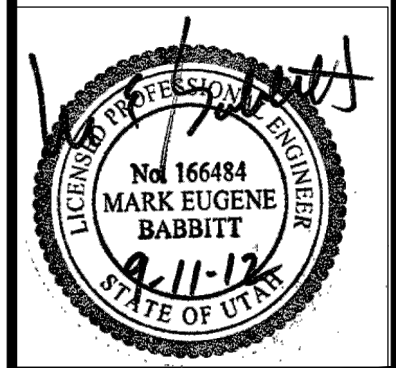
- (Note: All items may not appear on drawing)
- San. Sewer Manhole
 - Water Manhole
 - Storm Drain Manhole
 - Electrical Manhole
 - Catch Basins
 - Exist. Fire Hydrant
 - Exist. Water Valve
 - Water Valve
 - Sanitary Sewer
 - Culinary Water
 - Gas Line
 - Irrigation Line
 - Storm Drain
 - Telephone Line
 - Secondary Waterline
 - Power Line
 - Fire Line
 - Lead Drain
 - Power pole w/guy
 - Light Pole
 - Fence
 - Flowline of ditch
 - Overhead Power line
 - Corrugated Metal Pipe
 - Concrete Pipe
 - Reinforced Concrete Pipe
 - Ductile Iron
 - Polyvinyl Chloride
 - Top of Asphalt
 - Edge of Asphalt
 - Centerline
 - Flowline
 - Finish Floor
 - Top of Curb
 - Top of Wall
 - Top of Walk
 - Concrete
 - Natural Ground
 - Finish Contour
 - Exist. Contour
 - Finish Grade
 - Exist. Grade
 - Ridge Line
 - Direction of Flow
 - Existing Asphalt
 - New Asphalt
 - Heavy Duty Asphalt
 - Concrete
 - Open Face
 - Curb & Gutter

REV	DATE	DESCRIPTION

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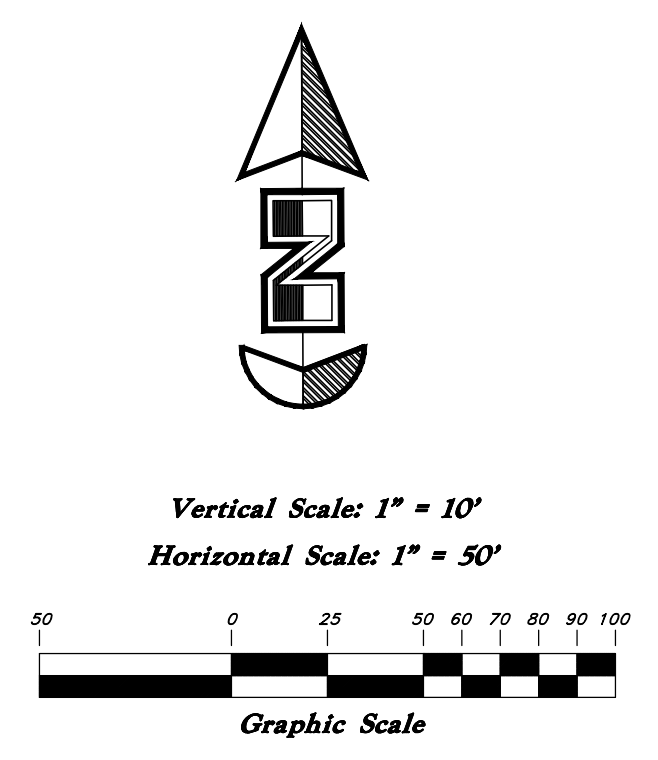
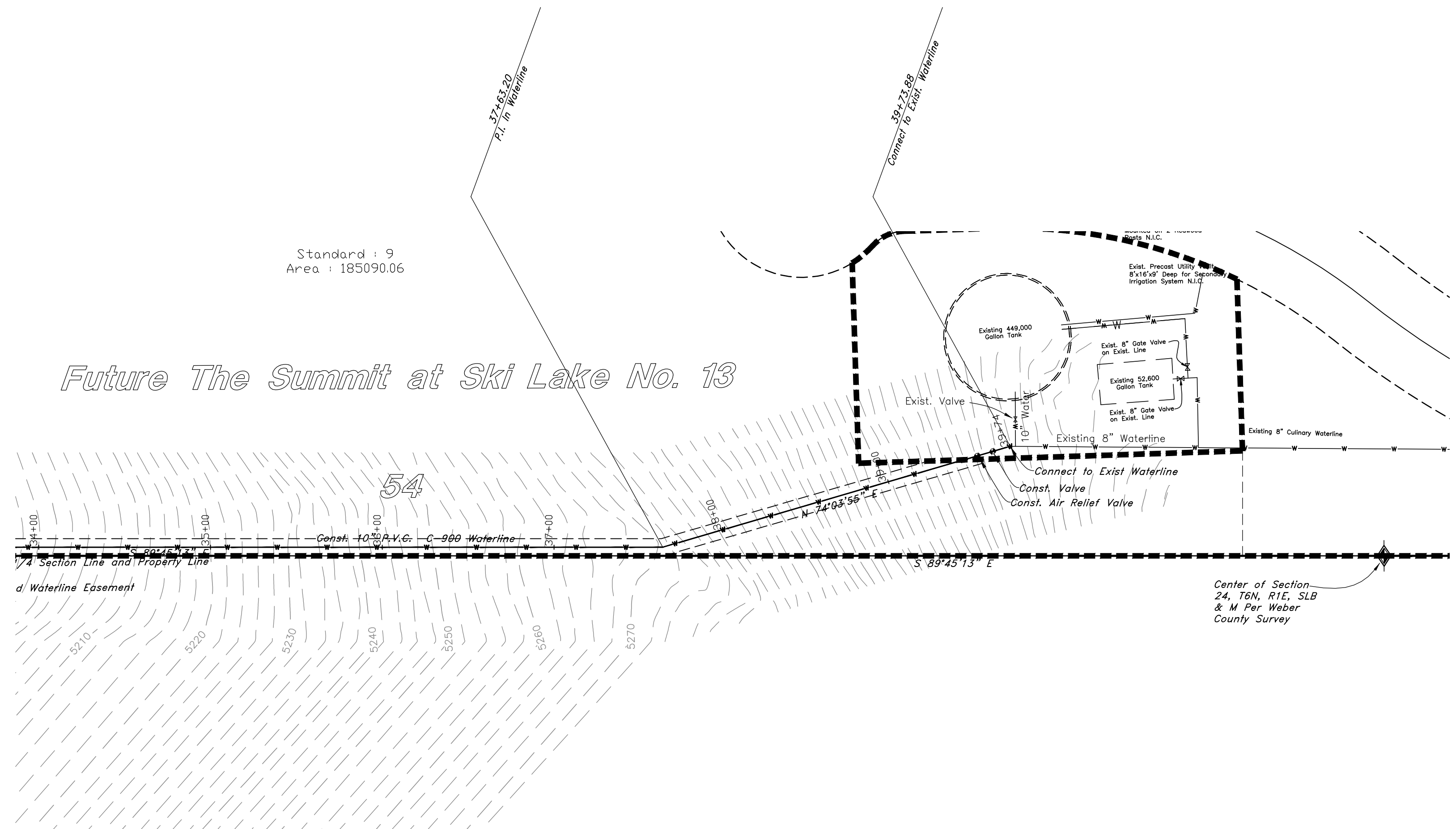
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Waterline Plan and Profile
Lakeview Water - Waterline Extension
 A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, T6N, R1E, S16&M, U.S. Survey

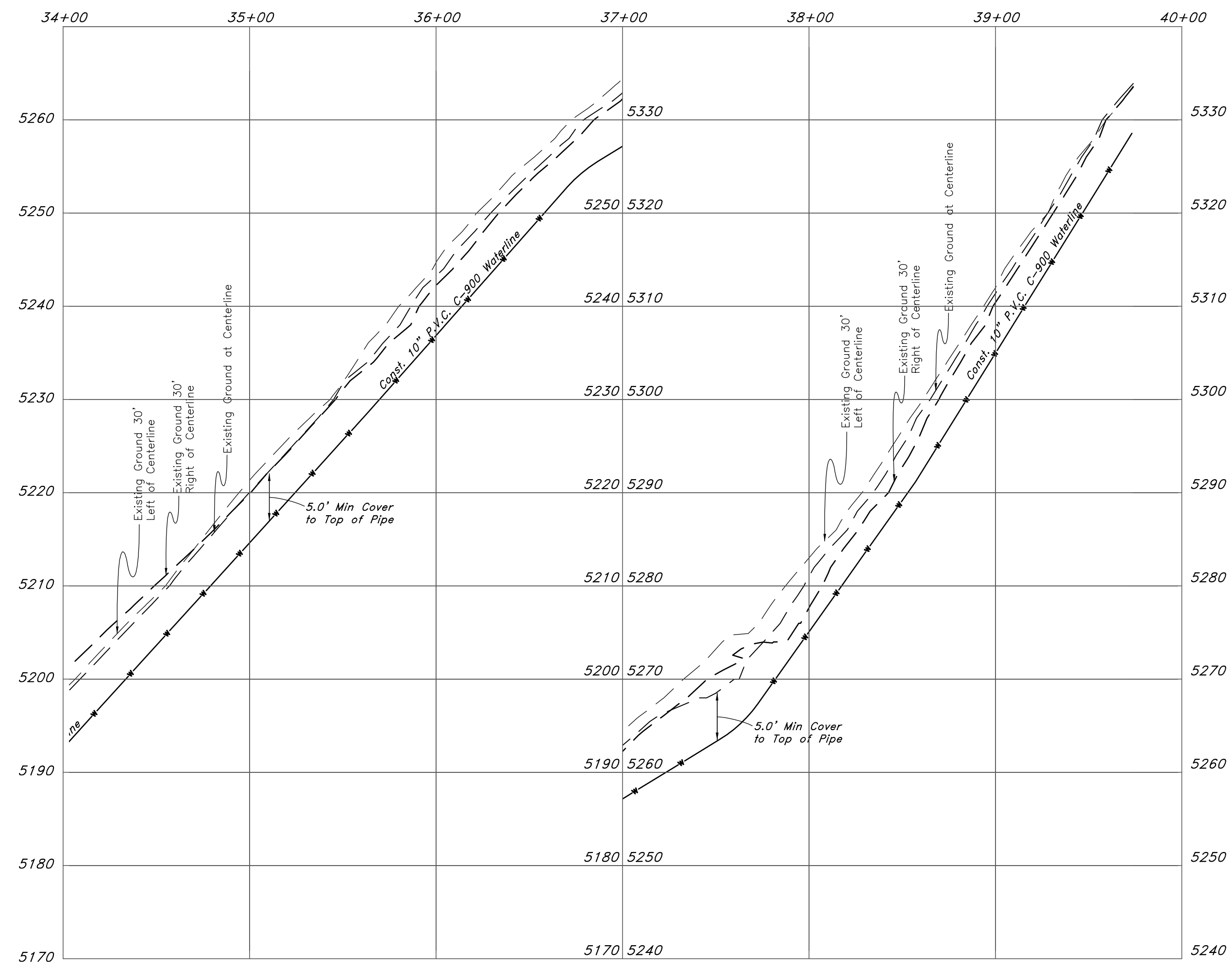


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SHEET NO. **3**



Waterline



Legend

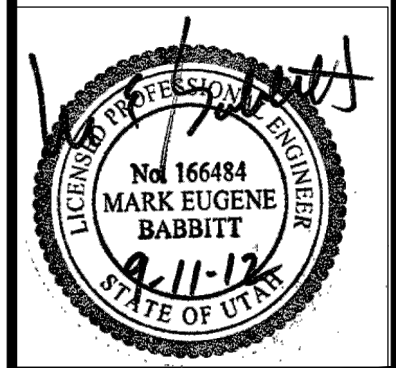
- (Note: All items may not appear on drawing)
- San. Sewer Manhole
 - Water Manhole
 - Storm Drain Manhole
 - Electrical Manhole
 - Catch Basins
 - Exist. Fire Hydrant
 - Fire Hydrant
 - Exist. Water Valve
 - Water Valve
 - Sanitary Sewer
 - Culinary Water
 - Gas Line
 - Irrigation Line
 - Storm Drain
 - Telephone Line
 - Secondary Waterline
 - Power Line
 - Fire Line
 - Land Drain
 - Power pole
 - Power pole w/guy
 - Light Pole
 - Fence
 - Flowline of ditch
 - Overhead Power line
 - Corrugated Metal Pipe
 - Concrete Pipe
 - Reinforced Concrete Pipe
 - Ductile Iron
 - Polyvinyl Chloride
 - Top of Asphalt
 - Edge of Asphalt
 - Centerline
 - Flowline
 - Finish Floor
 - Top of Curb
 - Top of Wall
 - Top of Walk
 - Top of Concrete
 - Natural Ground
 - Finish Contour
 - Exist. Contour
 - Finish Grade
 - Exist. Grade
 - Ridge Line
 - Direction of Flow
 - Existing Asphalt
 - New Asphalt
 - Heavy Duty Asphalt
 - Concrete
 - Open Face
 - Curb & Gutter

REV	DATE	DESCRIPTION

GREAT BASIN ENGINEERING

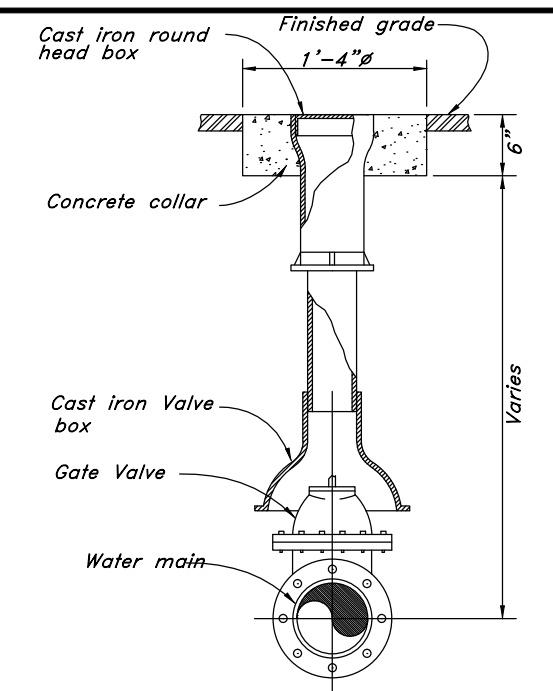
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Waterline Plan and Profile
Lakeview Water - Waterline Extension
A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 24, 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, R1E, S18&M, U.S. Survey

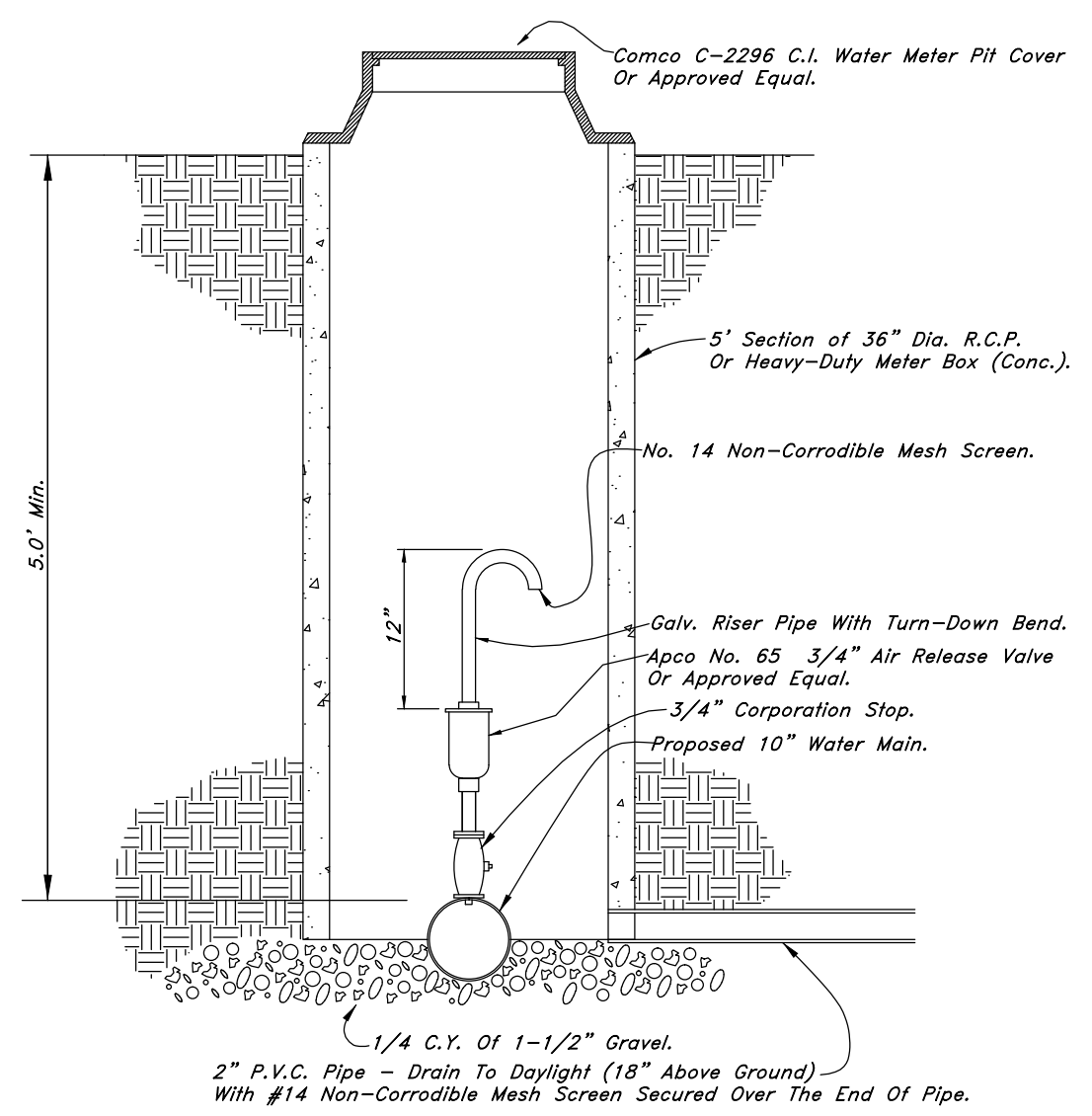


Jan, 2012

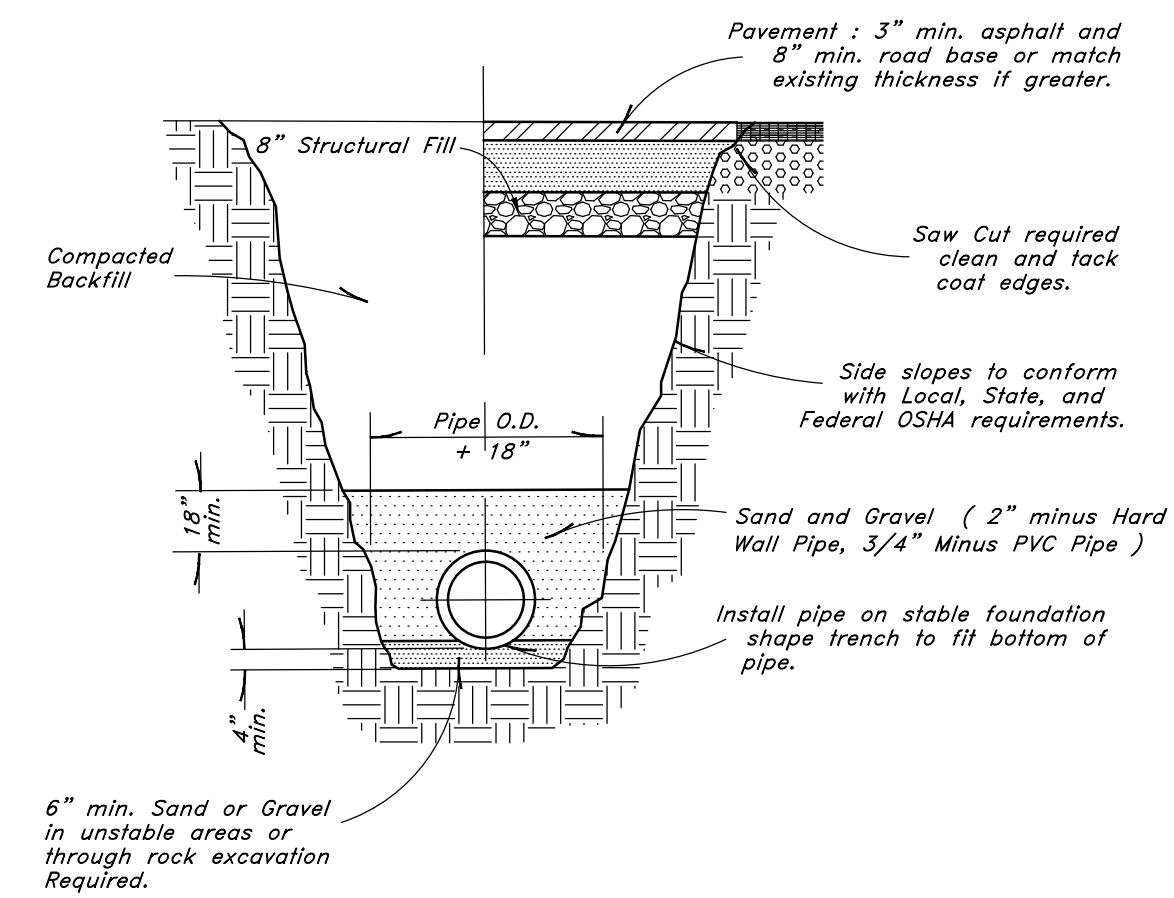
SHEET NO. **4**



4 **Typical Gate Valve**
Not to Scale



5 **Air Release Detail**
Not to Scale

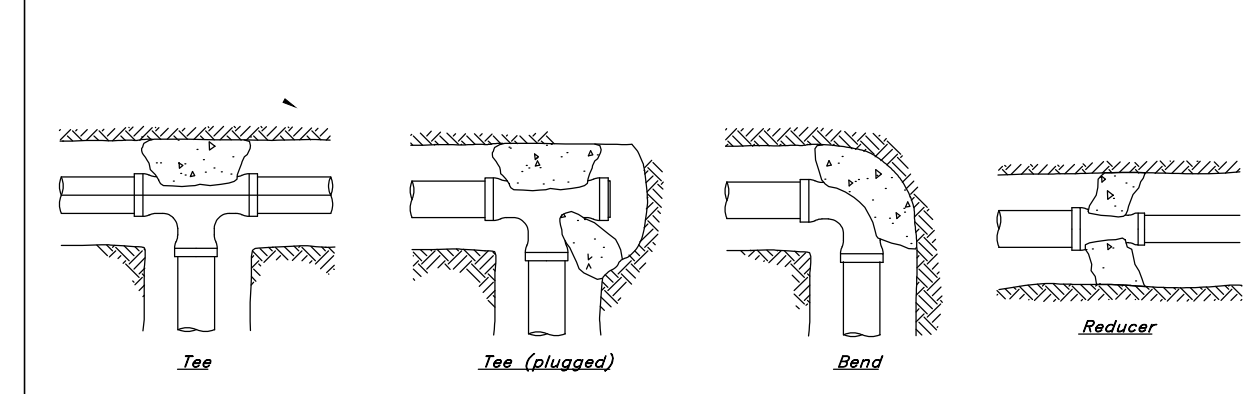


10 **Typical Trench Detail**
Not to Scale

DIMENSIONS FOR THRUST BLOCKING

FIT-ING SIZE	TEES & PLUGS		90° BEND		45° BEND & WYES		REDUCERS, 1 1/4" & 2 1/2" BENDS	
	A	B	A	B	A	B	A	B
4"	17"	17"	17"	17"	17"	17"	17"	17"
6"	23"	23"	23"	23"	23"	23"	23"	23"
8"	29"	29"	29"	29"	29"	29"	29"	29"
10"	35"	35"	35"	35"	35"	35"	35"	35"
12"	41"	41"	41"	41"	41"	41"	41"	41"
14"	47"	47"	47"	47"	47"	47"	47"	47"

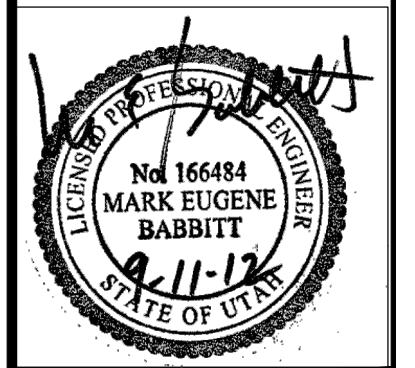
NOTE: This table is based on 150 PSI Main Pressure
2000 PSF Soil Bearing Pressure



11 **Thrust Blocking Details**
Not to Scale

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Details
The Chalets Waterline Extension
 A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, R1E, SLB&M, U.S. Survey



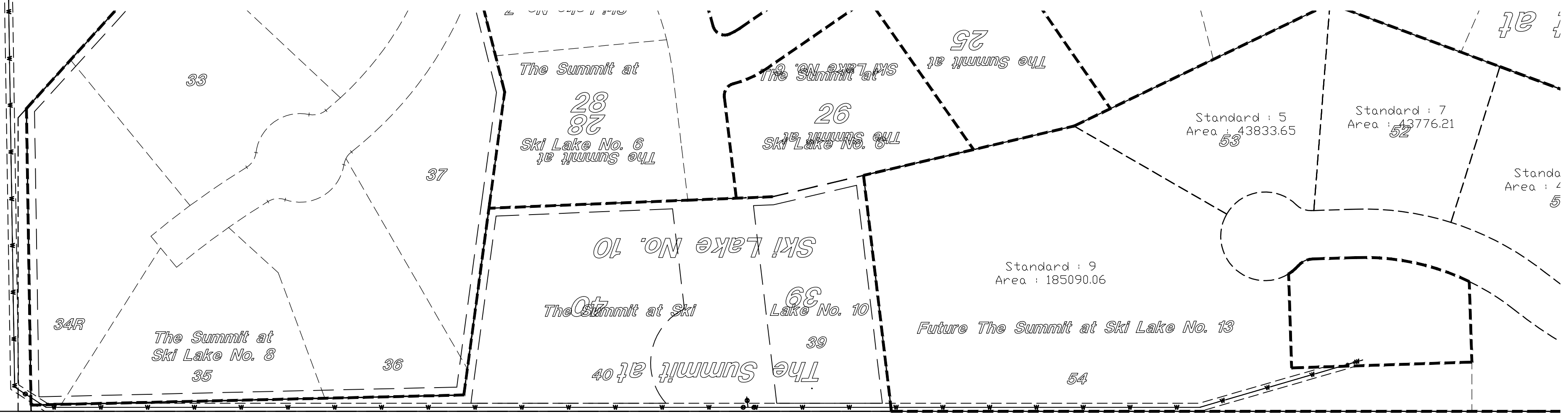
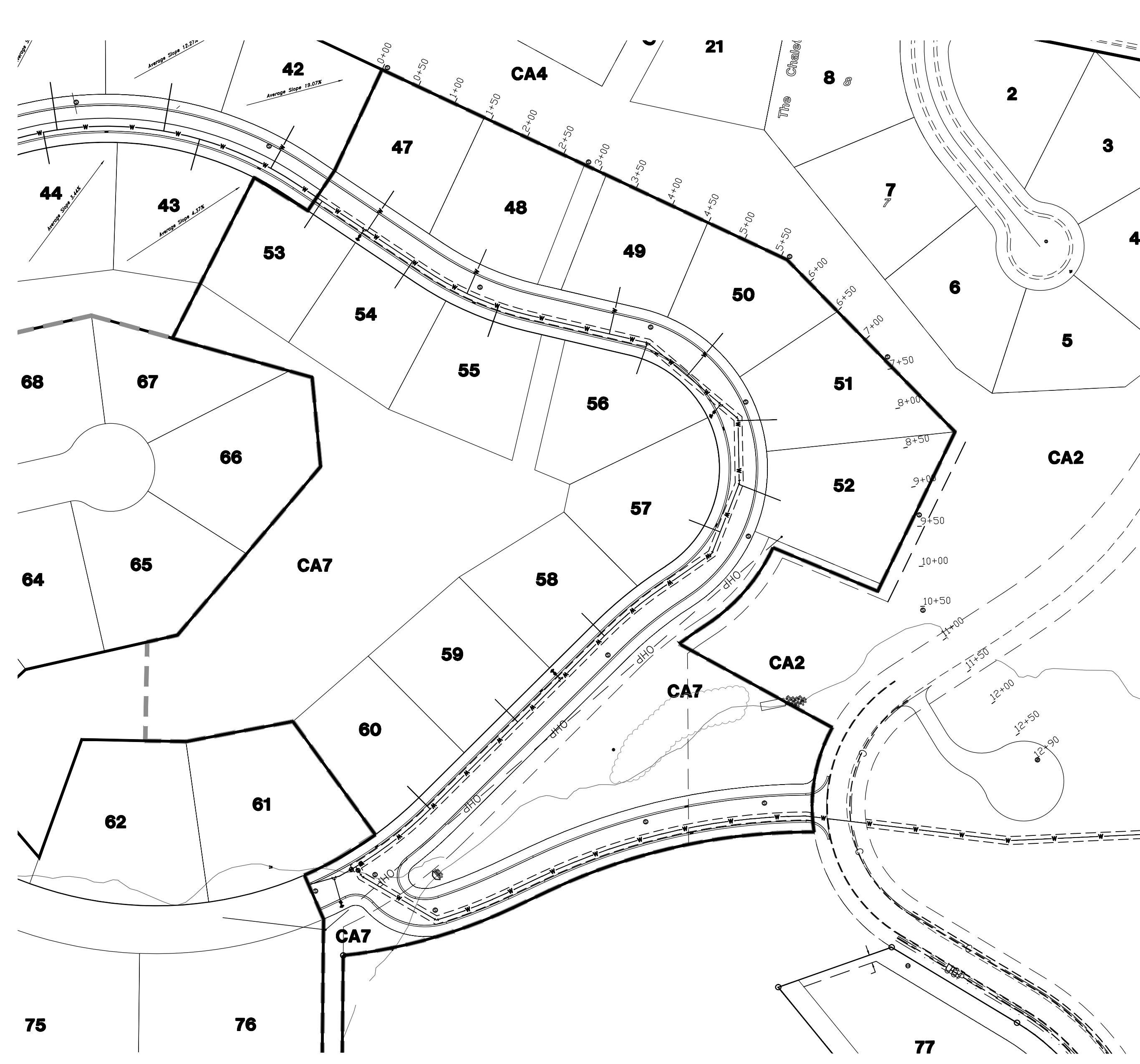
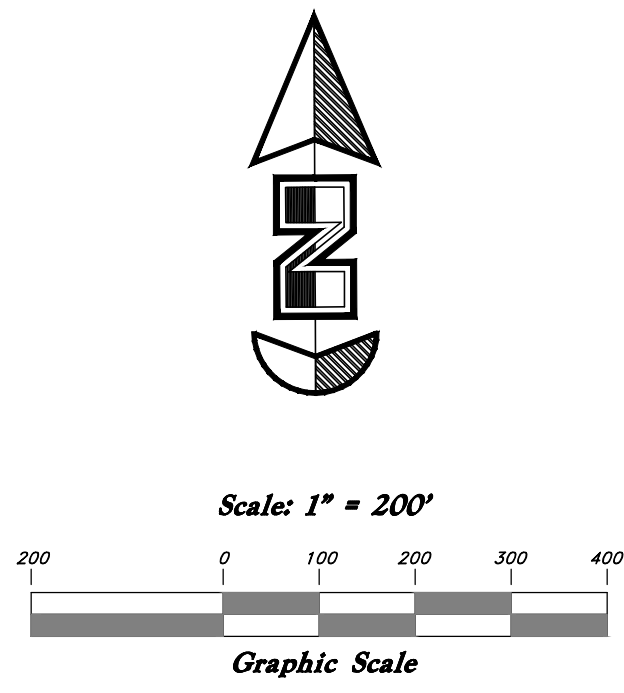
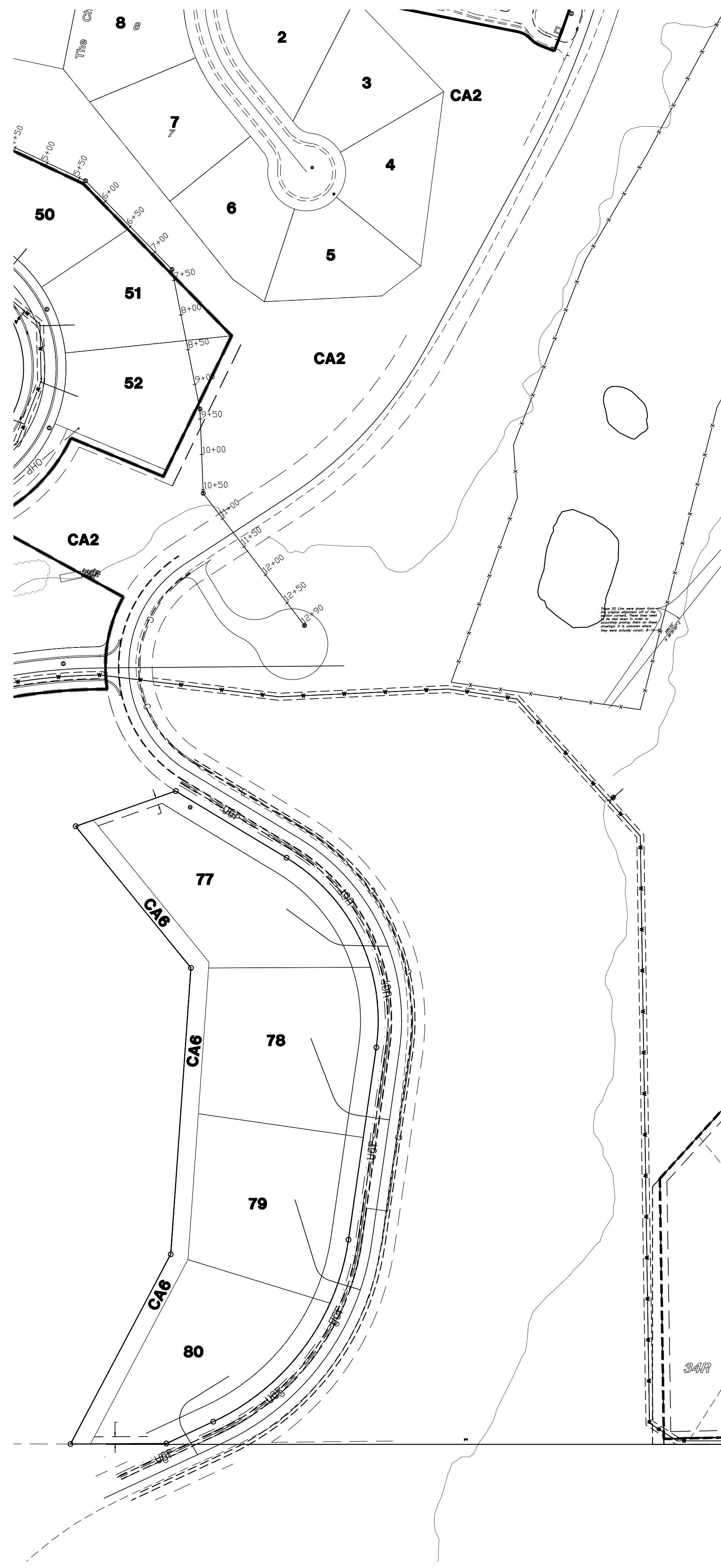
Jan, 2012

SHEET NO.

5

96N120 Waterline

REV. DATE DESCRIPTION



REV	DATE	DESCRIPTION

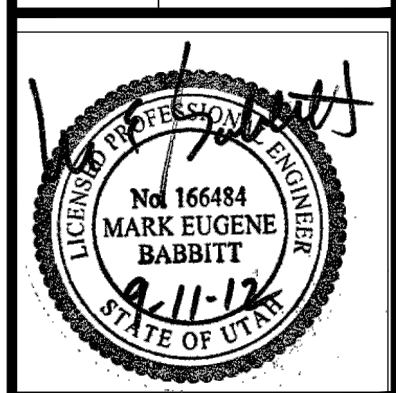
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 1500 SOUTH 4400 WEST, P.O. BOX 152, PAF, UT 84404
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Waterline Key Map

Lakeview Water Waterline

A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24,



Jan, 2012

SHEET NO. **KM**

96N120 Waterline