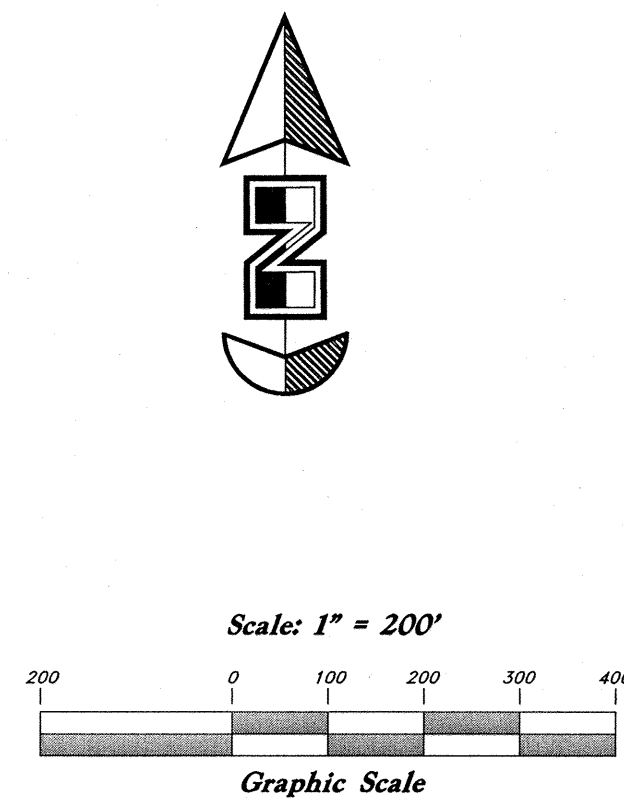


Sheet 3



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
 - Power pole
 - Light Pole
 - Fence
 - Flowline of ditch
 - Overhead Power line
 - Corrugated Metal Pipe
 - Concrete Pipe
 - Reinforced Concrete Pipe
 - Ductile Iron
 - PVC
 - TA
 - EA
 - CL
 - FL
 - FF
 - TC
 - TWL
 - TW
 - TCH
 - NG
 - 90
 - 80
 - 95.537A
 - 95.725
 - R
 - Direction of Flow
 - Existing Asphalt
 - New Asphalt
 - Heavy Duty Asphalt
 - Concrete
 - Open Face
 - Curb & Gutter

REV	DATE	DESCRIPTION

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Key Map

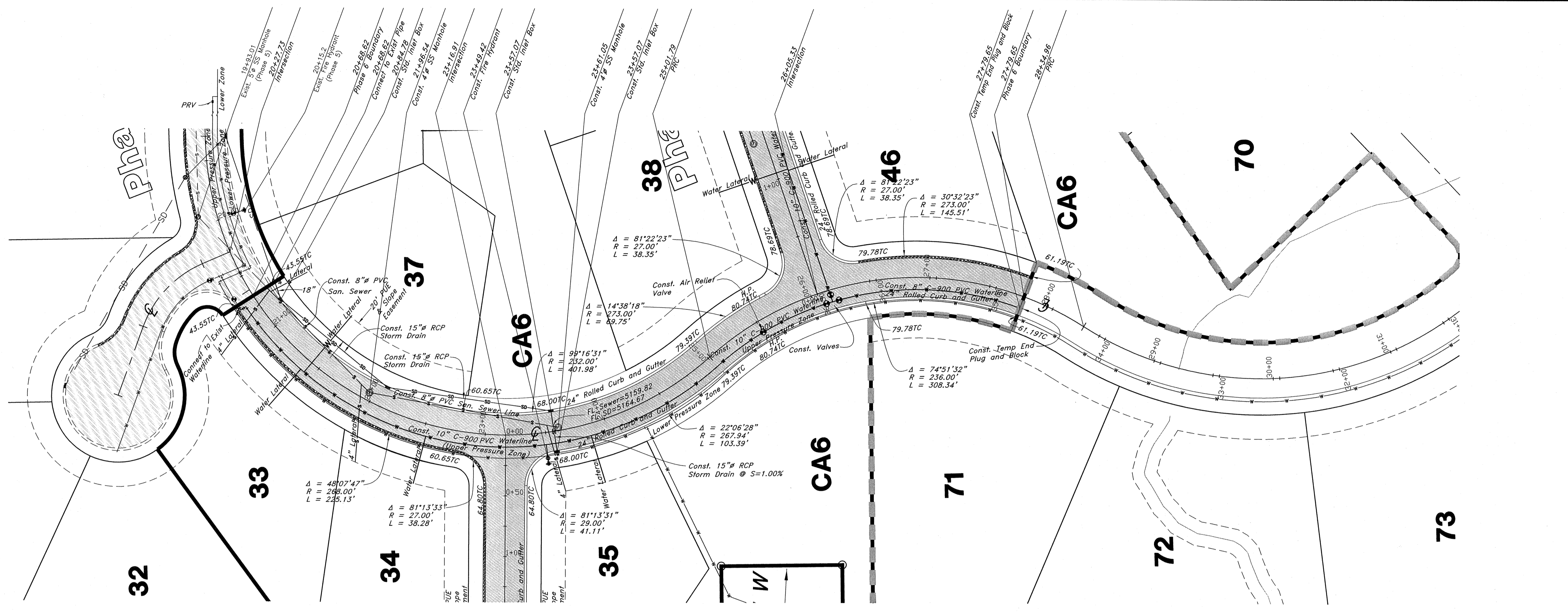
The Chalets at Ski Lake No. 6

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, 18th, RTE, SL&M, U.S. Survey.

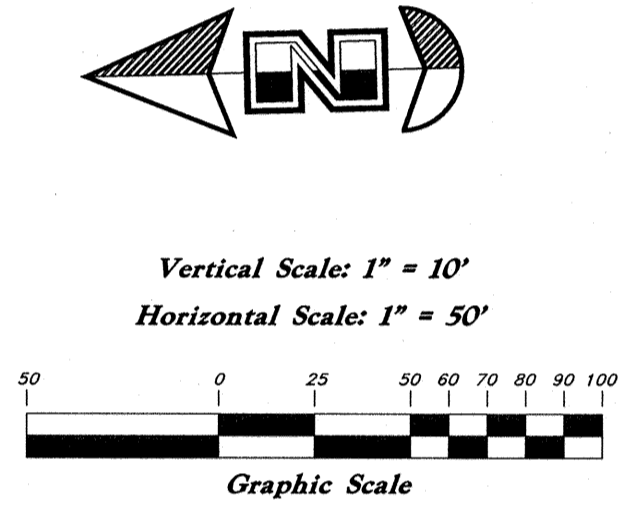
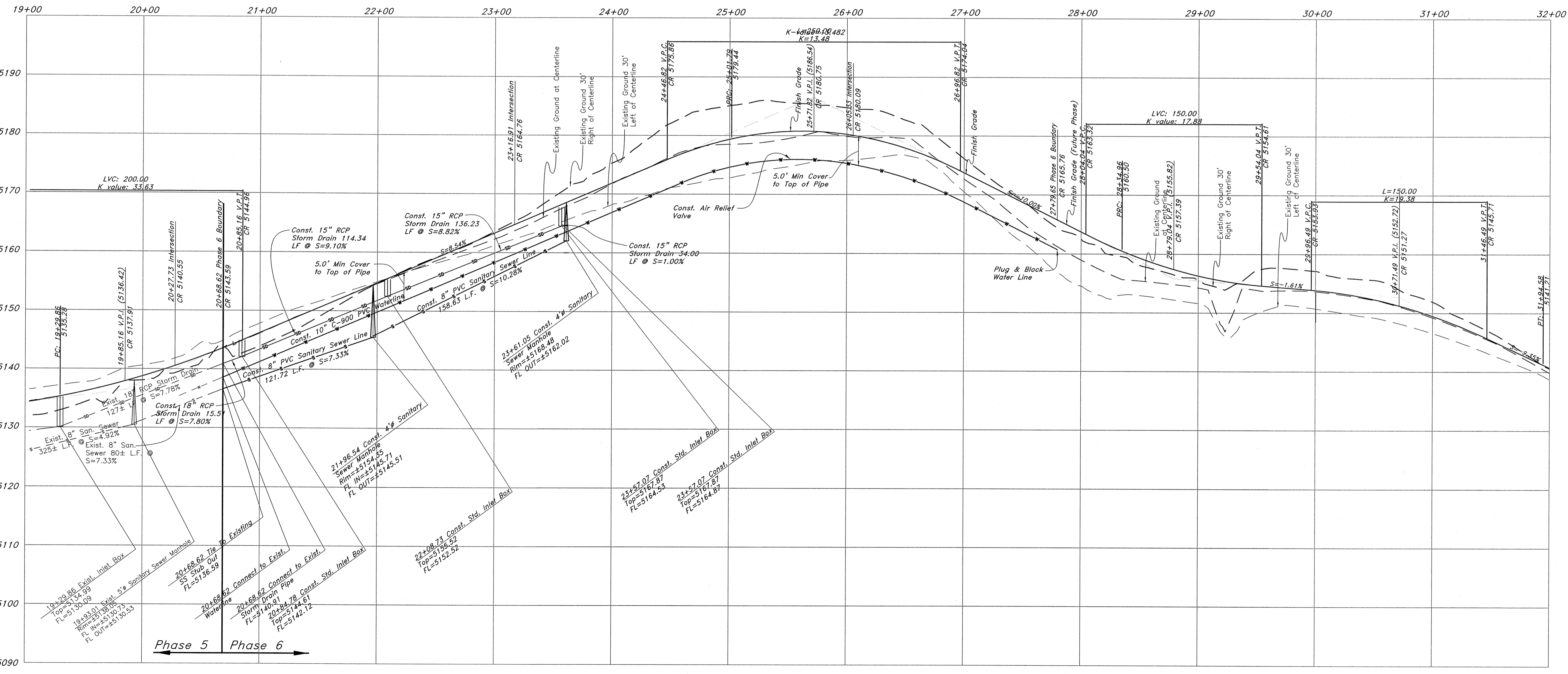


Jan, 2012

SHEET NO. **KM**



Quail Lane



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	
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	

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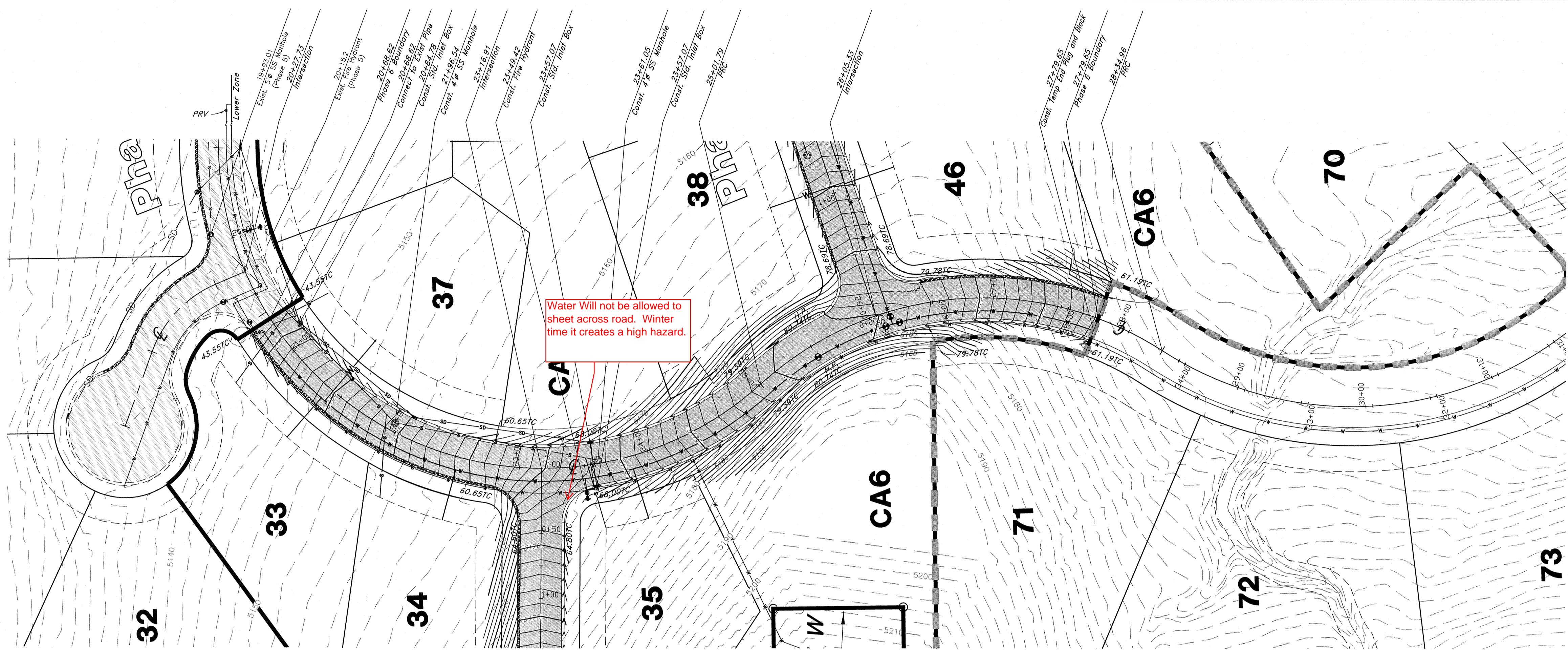
5746 SOUTH 1475 EAST OGDEN, UTAH 84403
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Plan / Profile (Utility)

The Chalets at Ski Lake No. 6

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, S16&M, U.S. Survey



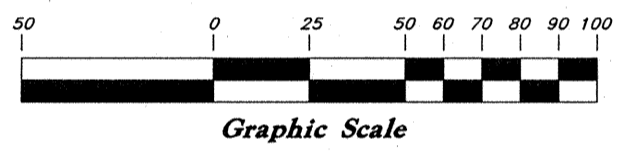


Water Will not be allowed to sheet across road. Winter time it creates a high hazard.

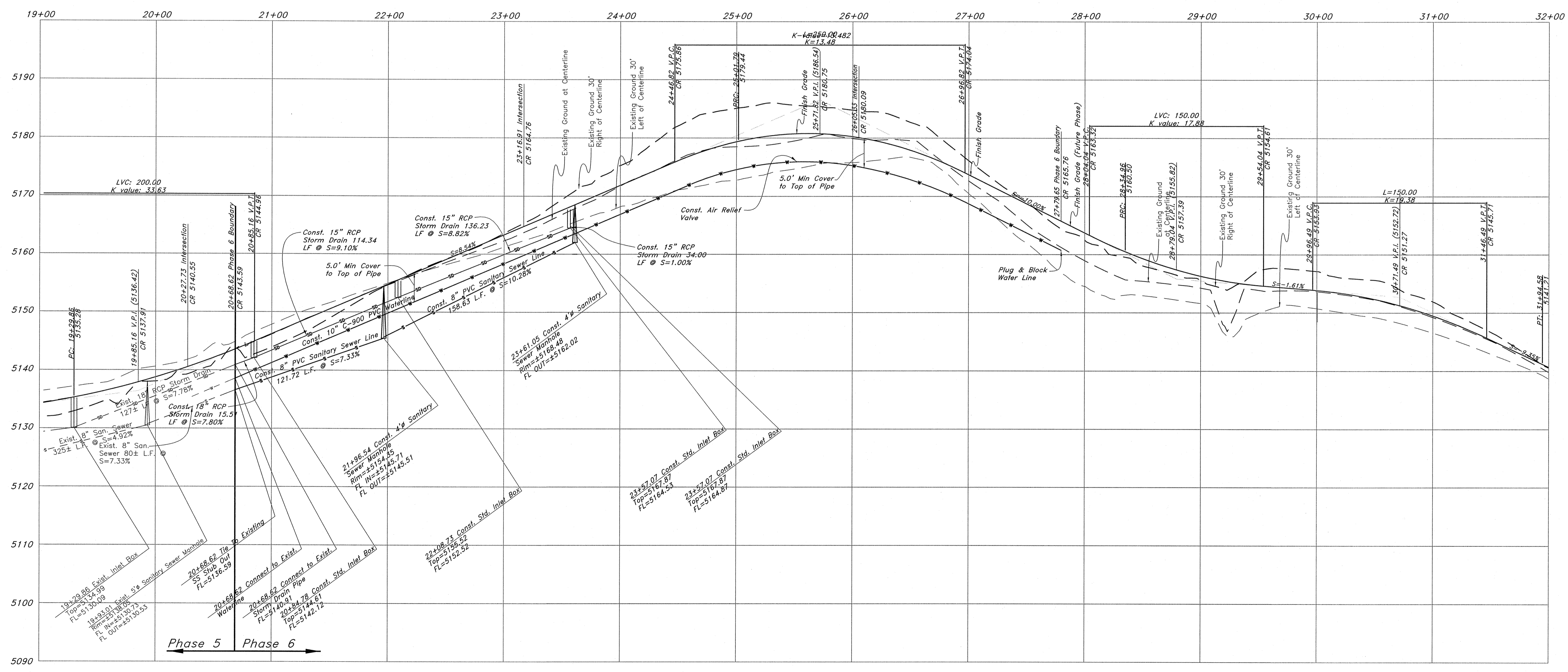
Benchmark: Monument at Intersection of Quail Lane and Meadow Lark Lane
Elevation: 5022.34



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



Quail Lane



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
 - Land Drain
 - Power pole
 - Power pole w/guy
 - Light Pole
 - Fence
 - Flowline of ditch
 - Overhead Power line
 - CMP
 - CMP
 - CP
 - RCP
 - PVC
 - TA
 - EA
 - CL
 - FL
 - FF
 - TC
 - TWL
 - JW
 - NG
 - 90
 - 90
 - 95.337A
 - 95.727A
 - R
 - Existing Asphalt
 - Direction of Flow
 - Existing Asphalt
 - New Asphalt
 - Heavy Duty Asphalt
 - Concrete
 - Open Face
 - Curb & Gutter

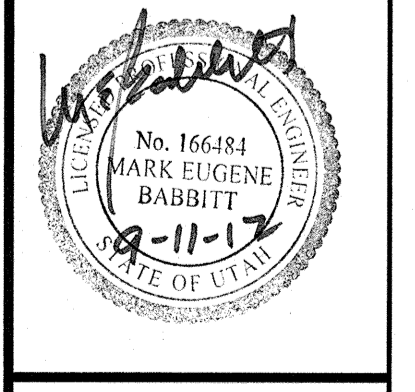
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Plan / Profile (Grading)

The Chalets at Ski Lake No. 6

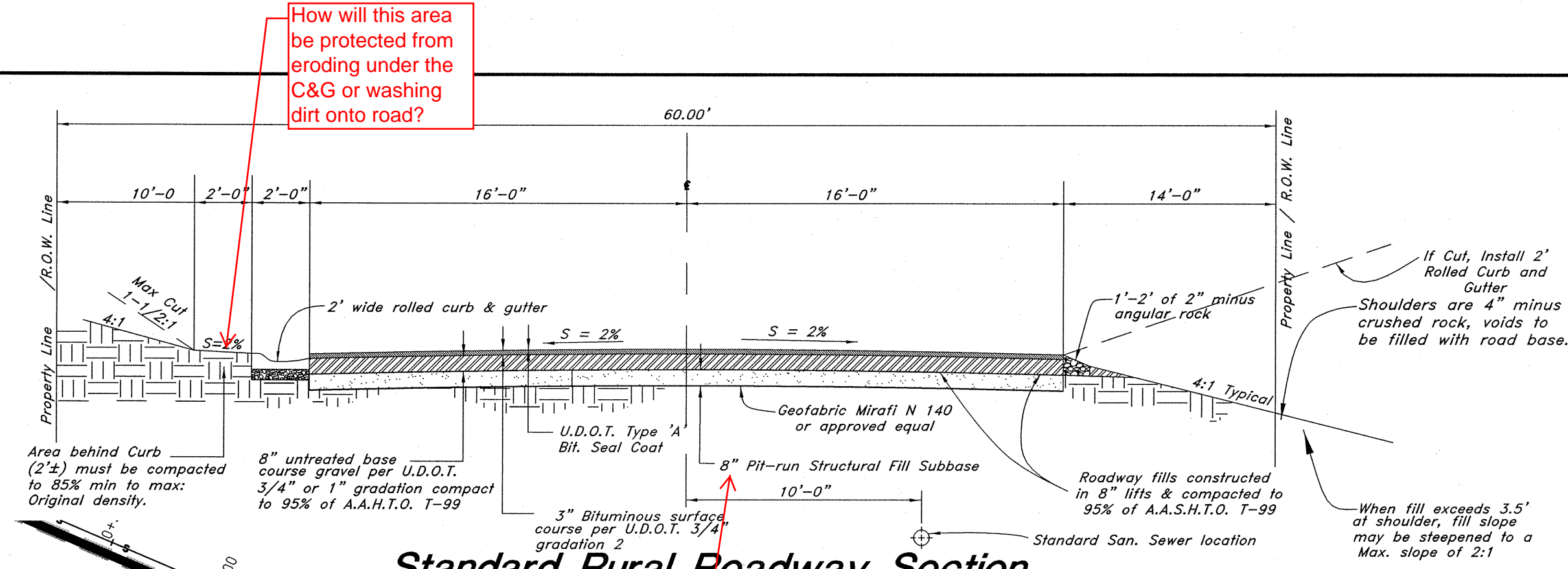
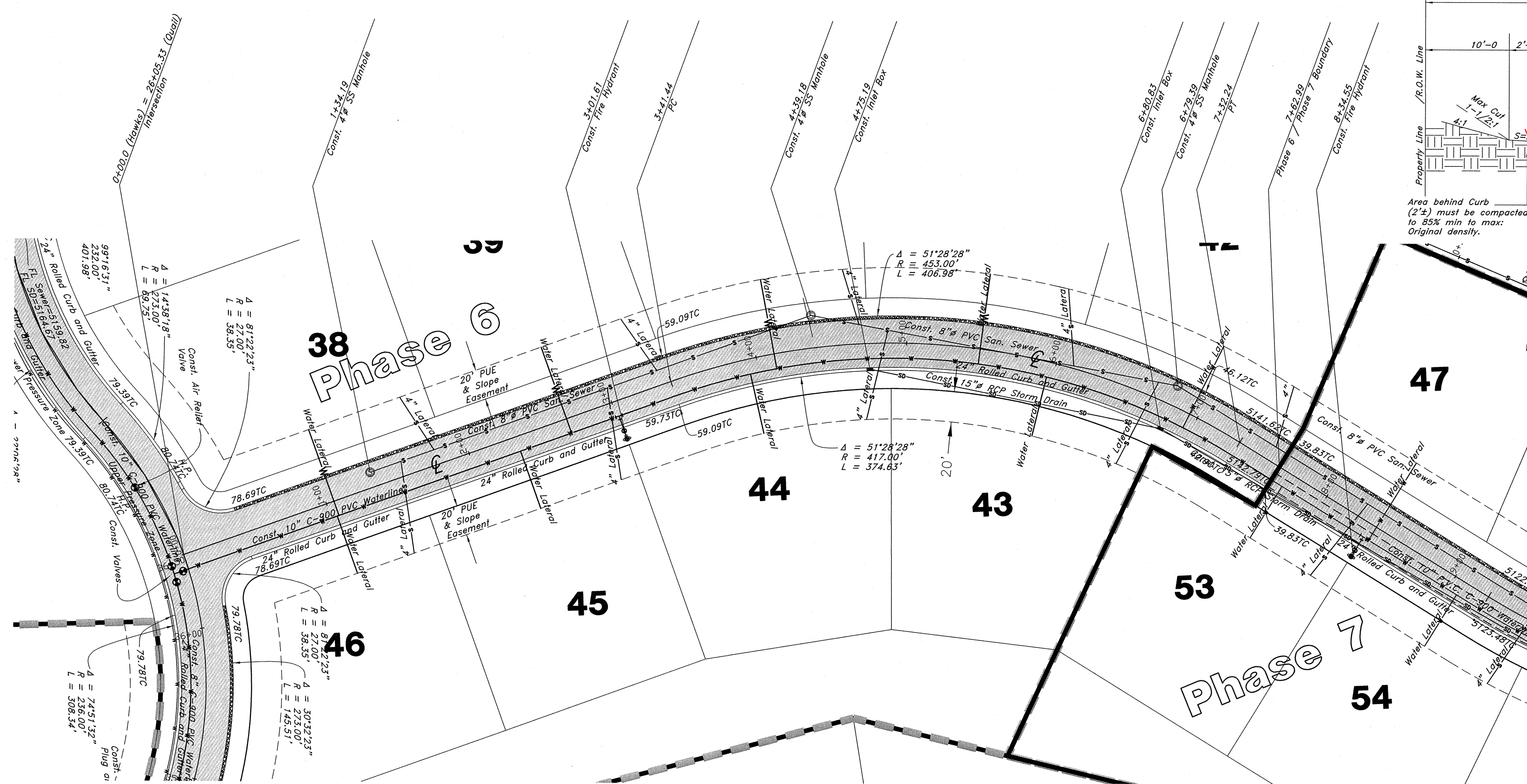
A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 24, 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, R1E, S16W, U.S. Survey.



Jan, 2012

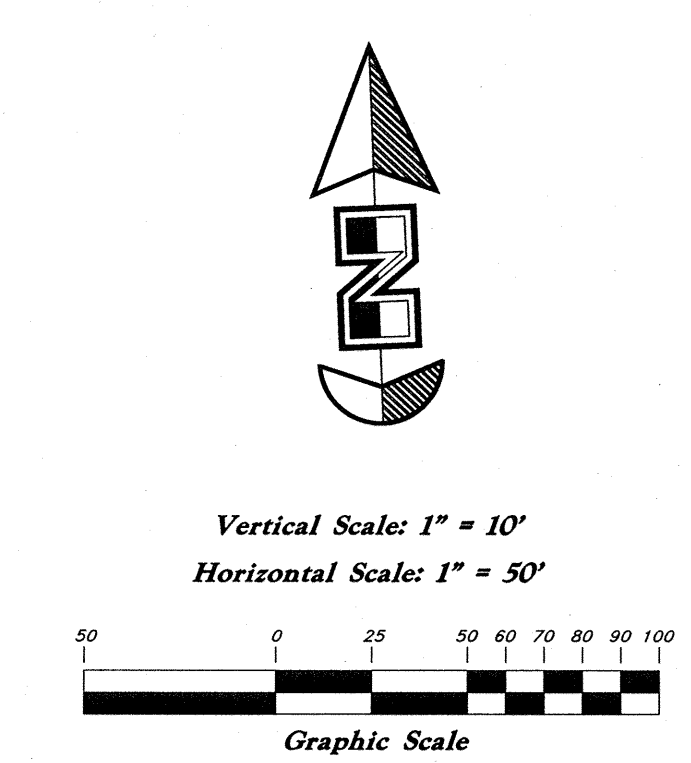
SHEET NO. **1a**

96N120 Waterline

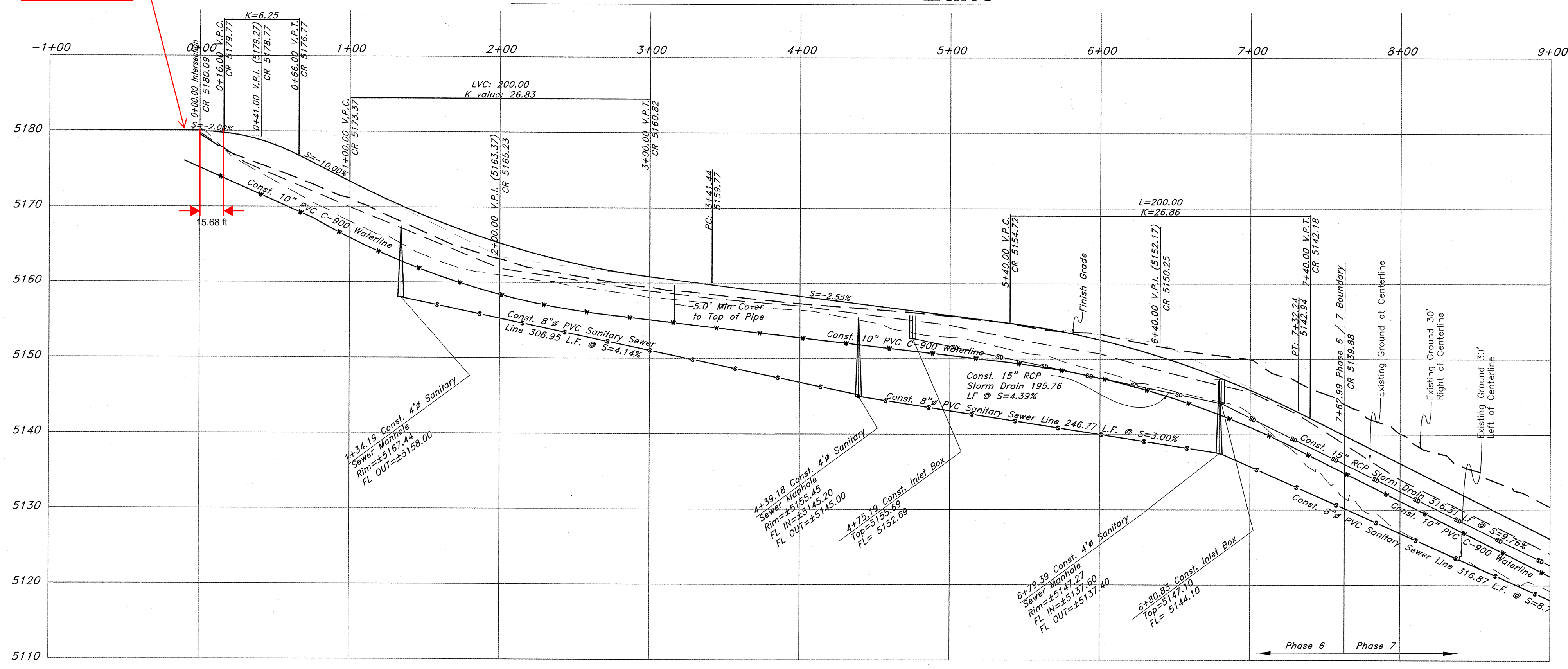


Standard Rural Roadway Section

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



Will this flatter area be enough?



Legend

- 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
- TA
- EA
- CL
- FL
- FF
- TC
- TW
- TN
- NC
- 90
- 95.33TA
- 95.72TA
- R
- Ridge Line
- Direction of Flow
- Existing Asphalt
- New Asphalt
- Heavy Duty Asphalt
- Concrete
- Open Face
- Curb & Gutter

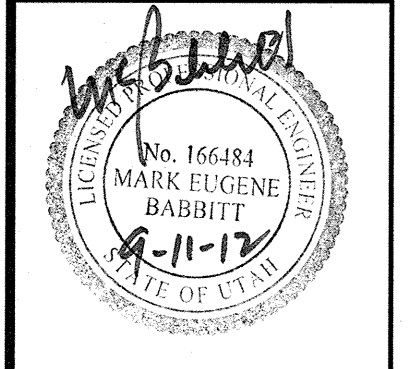
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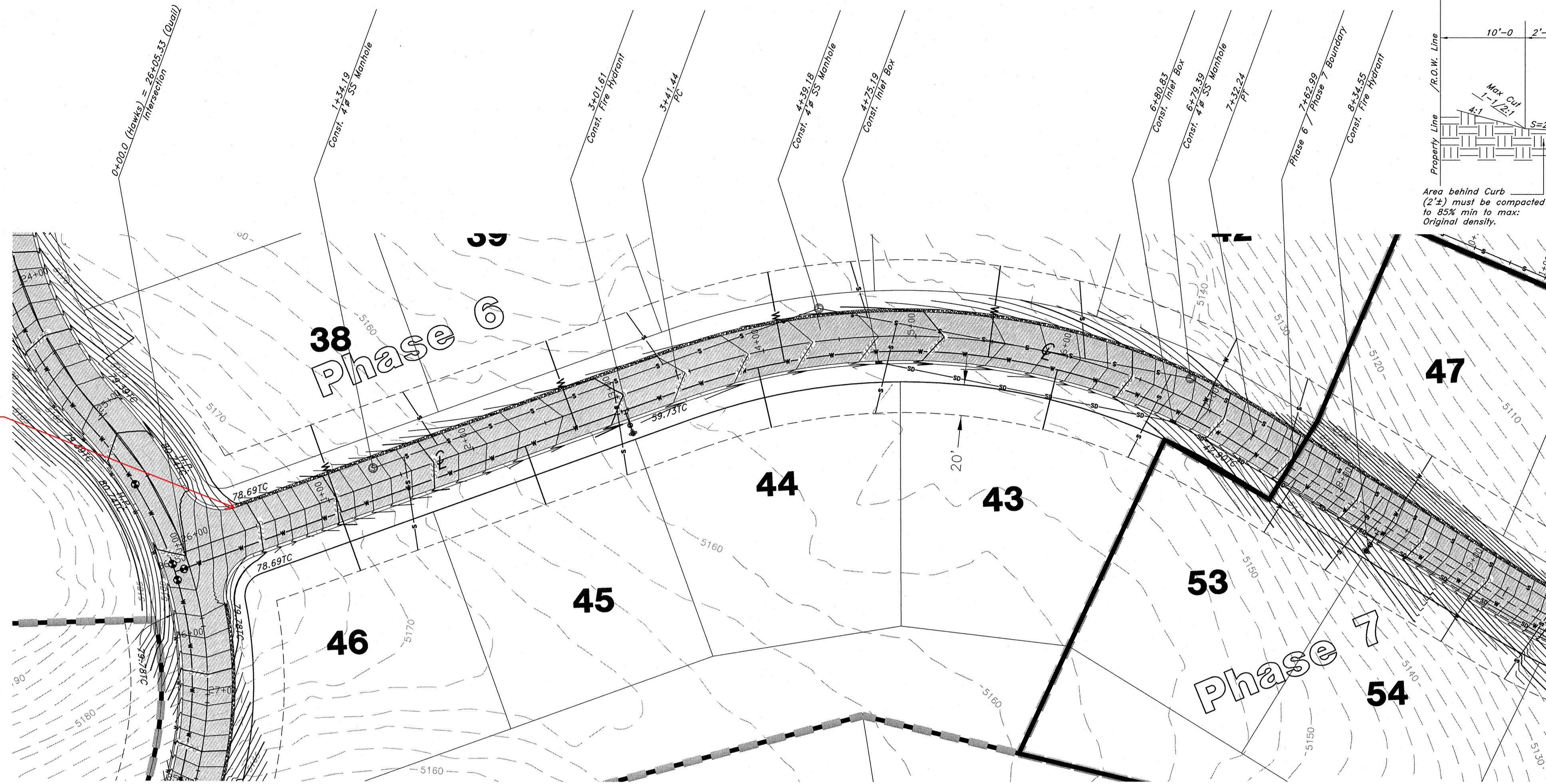
Plan / Profile (Utility)

The Chalets at Ski Lake No. 6

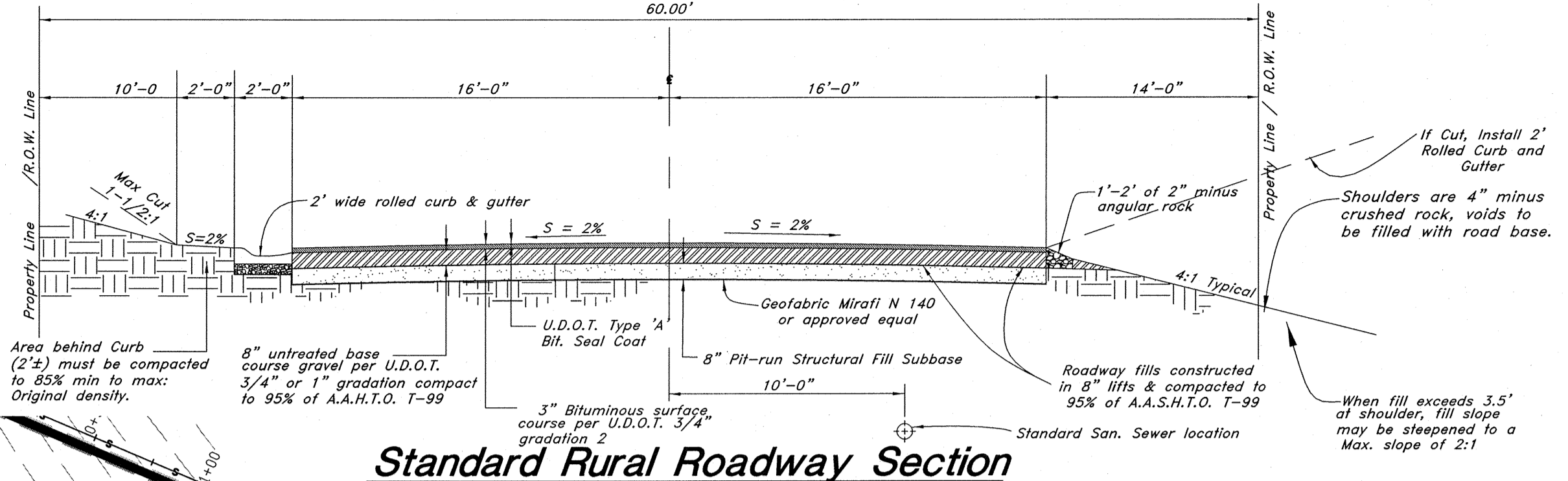
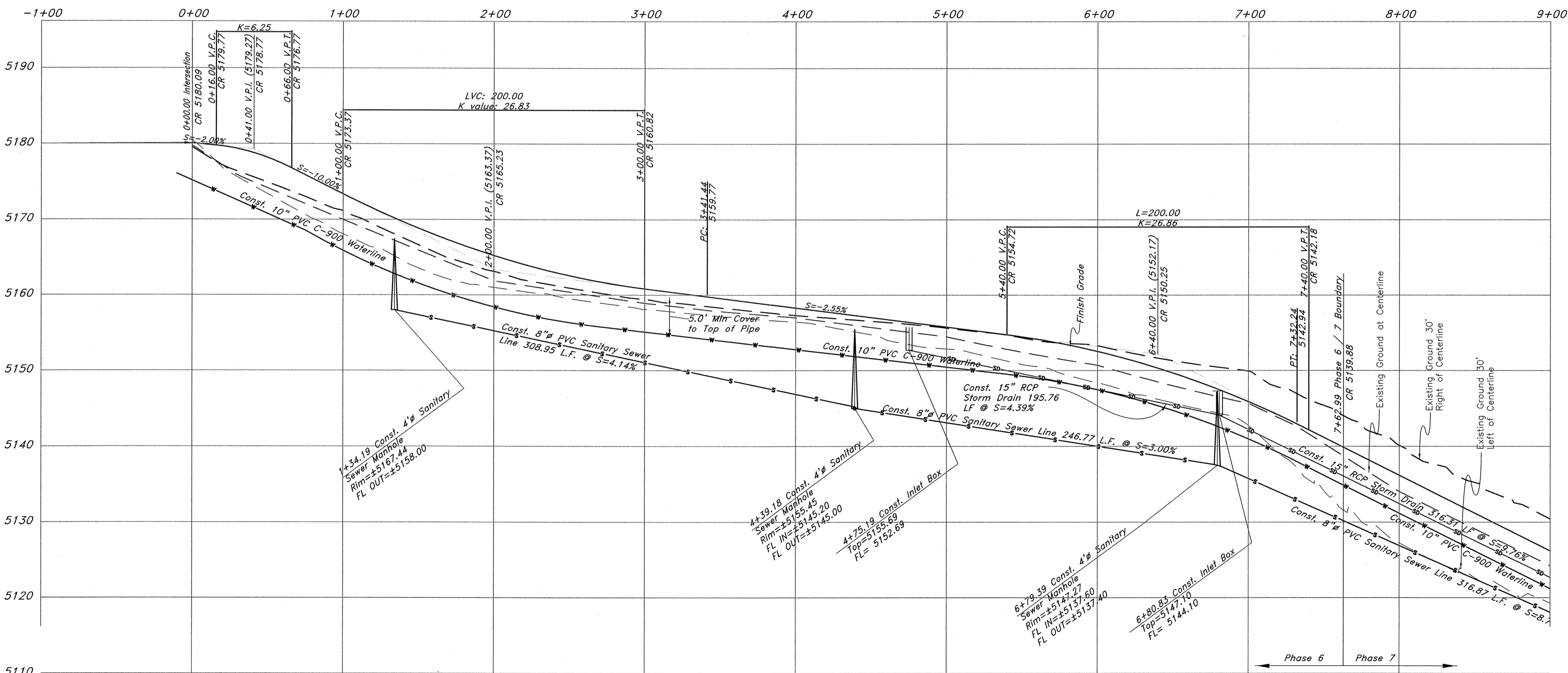
A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, 1/4 of Section 23, T6N, R1E, S16&M, U.S. Survey



Will the cars be stopping at this point at the stop sign?

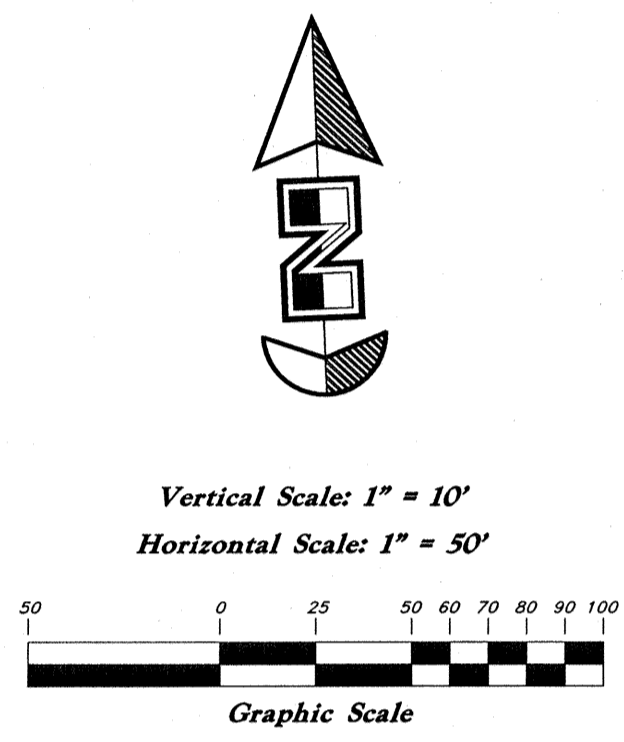


Hawks Lane



Standard Rural Roadway Section

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



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
- 95.337A
- 95.727A
- Exist. Grade
- Ridge Line
- Direction of Flow
- Existing Asphalt
- New Asphalt
- Heavy Duty Asphalt
- Concrete
- Open Face
- Curb & Gutter

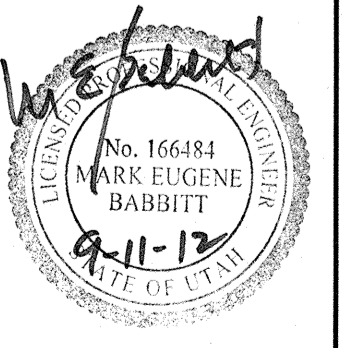
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Plan / Profile (Grading)

The Chalets at Ski Lake No. 6

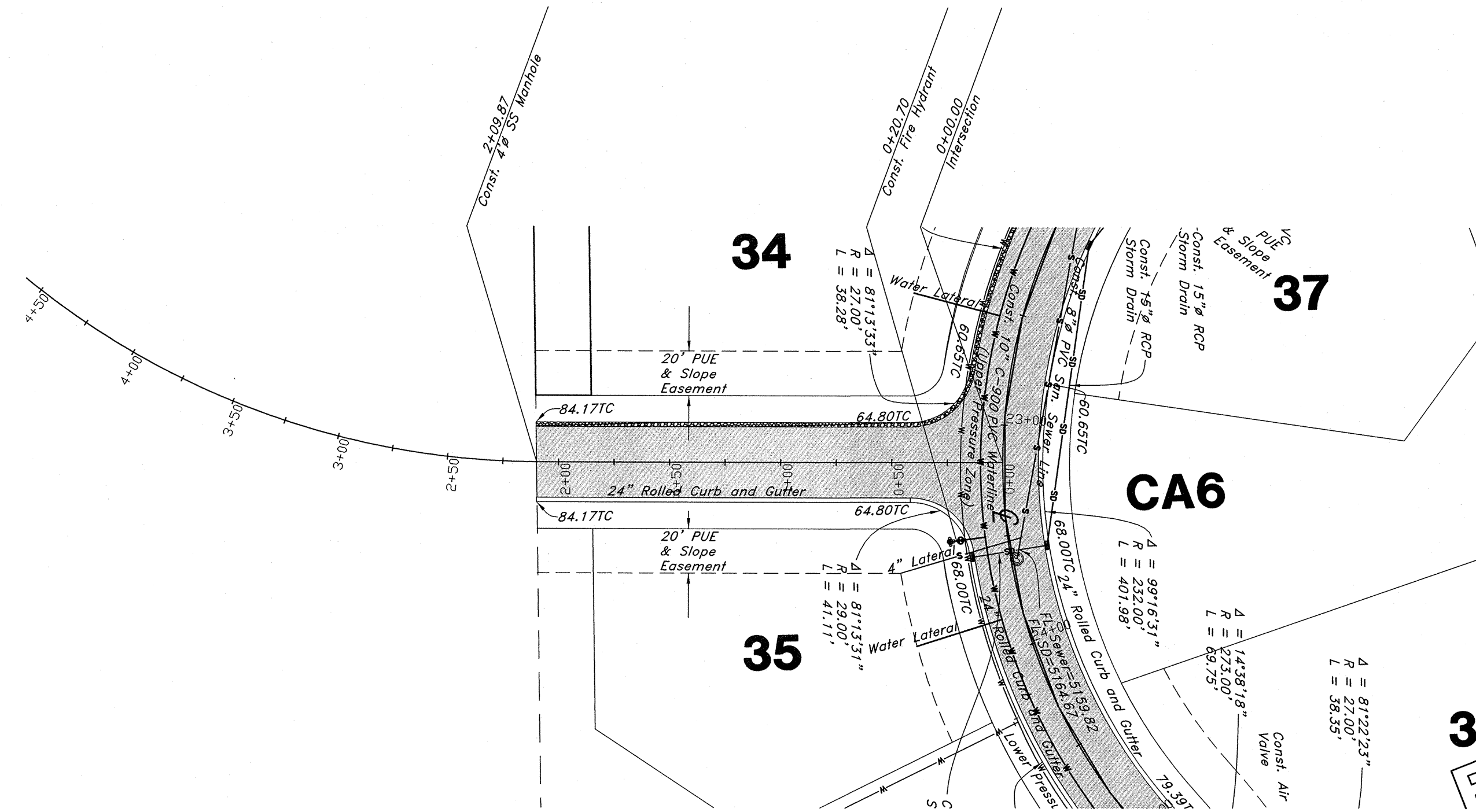
A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, R1E, S16&M, U.S. Survey



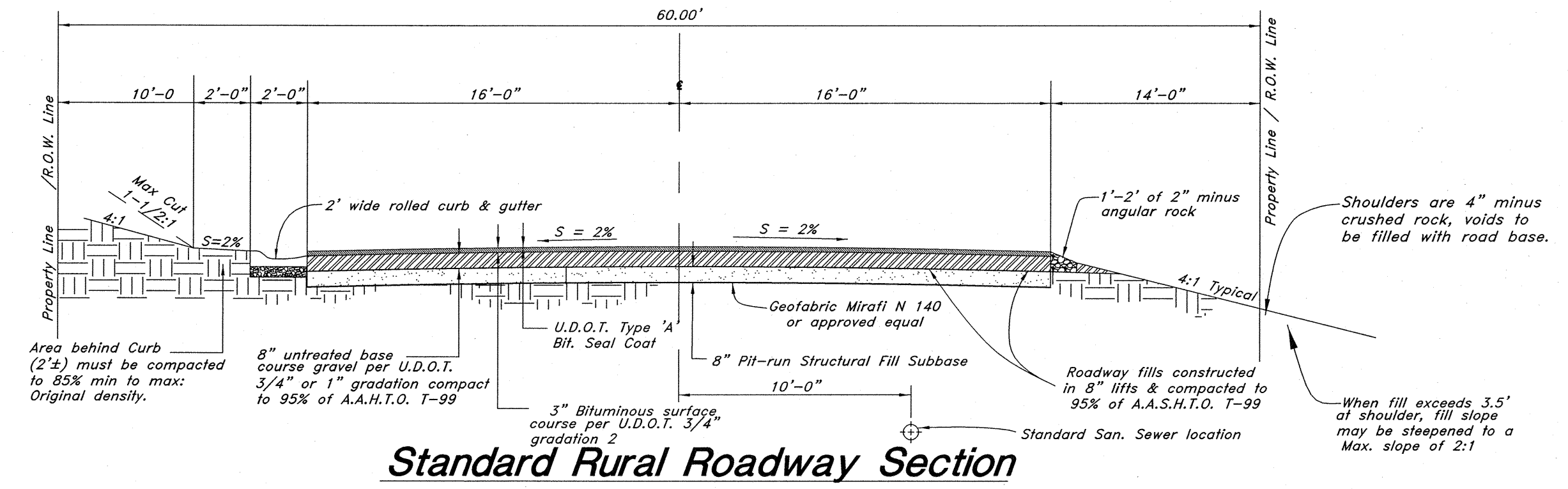
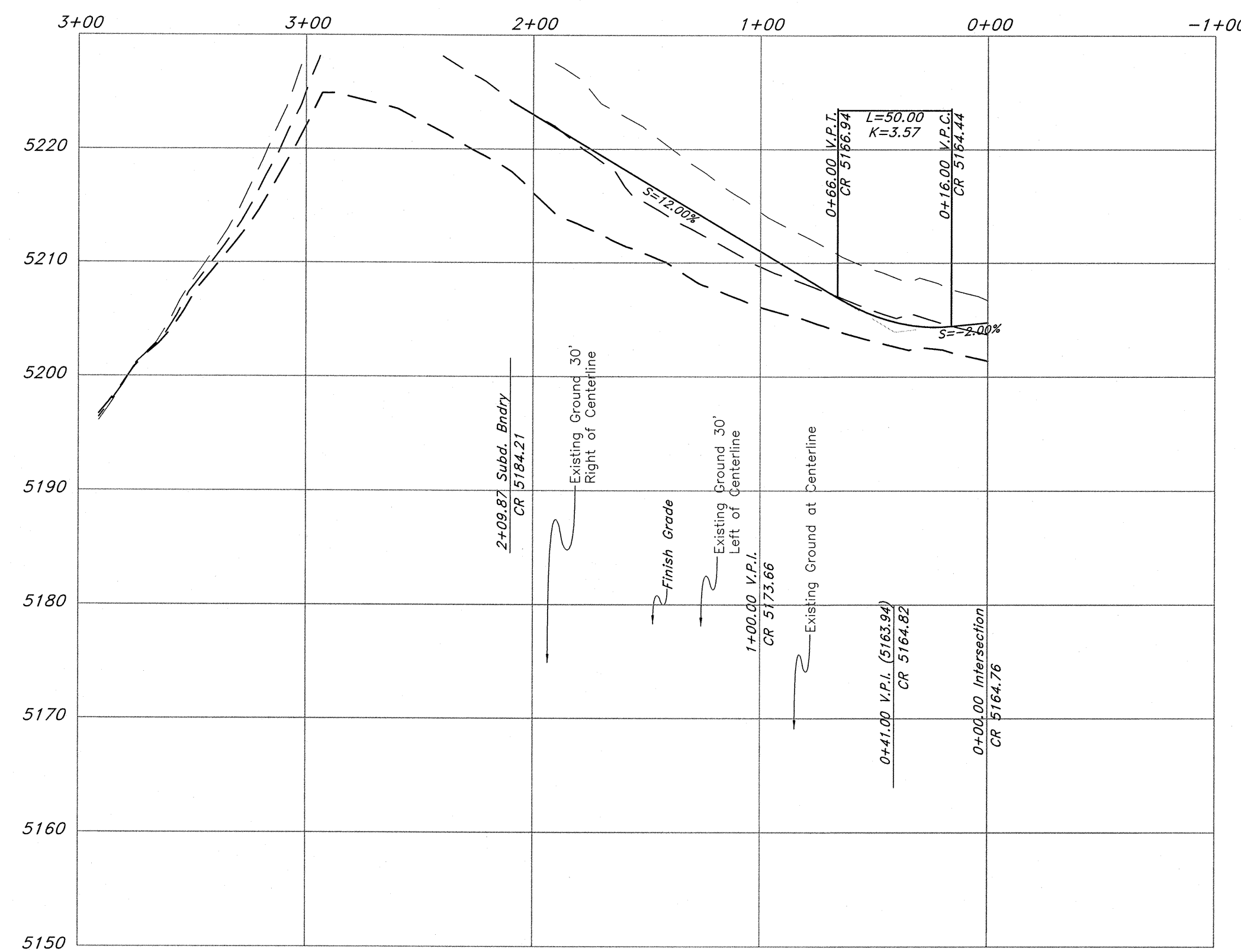
Jan, 2012

SHEET NO. **2a**

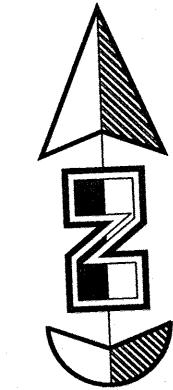
96N120 Waterline



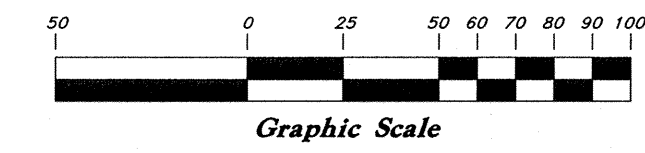
Night Hawk Road



Standard Rural Roadway Section



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
 - 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
 - EA
 - CL
 - 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

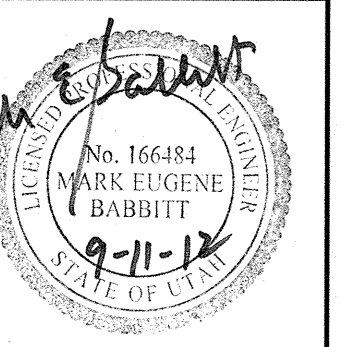
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Plan / Profile (Utility)

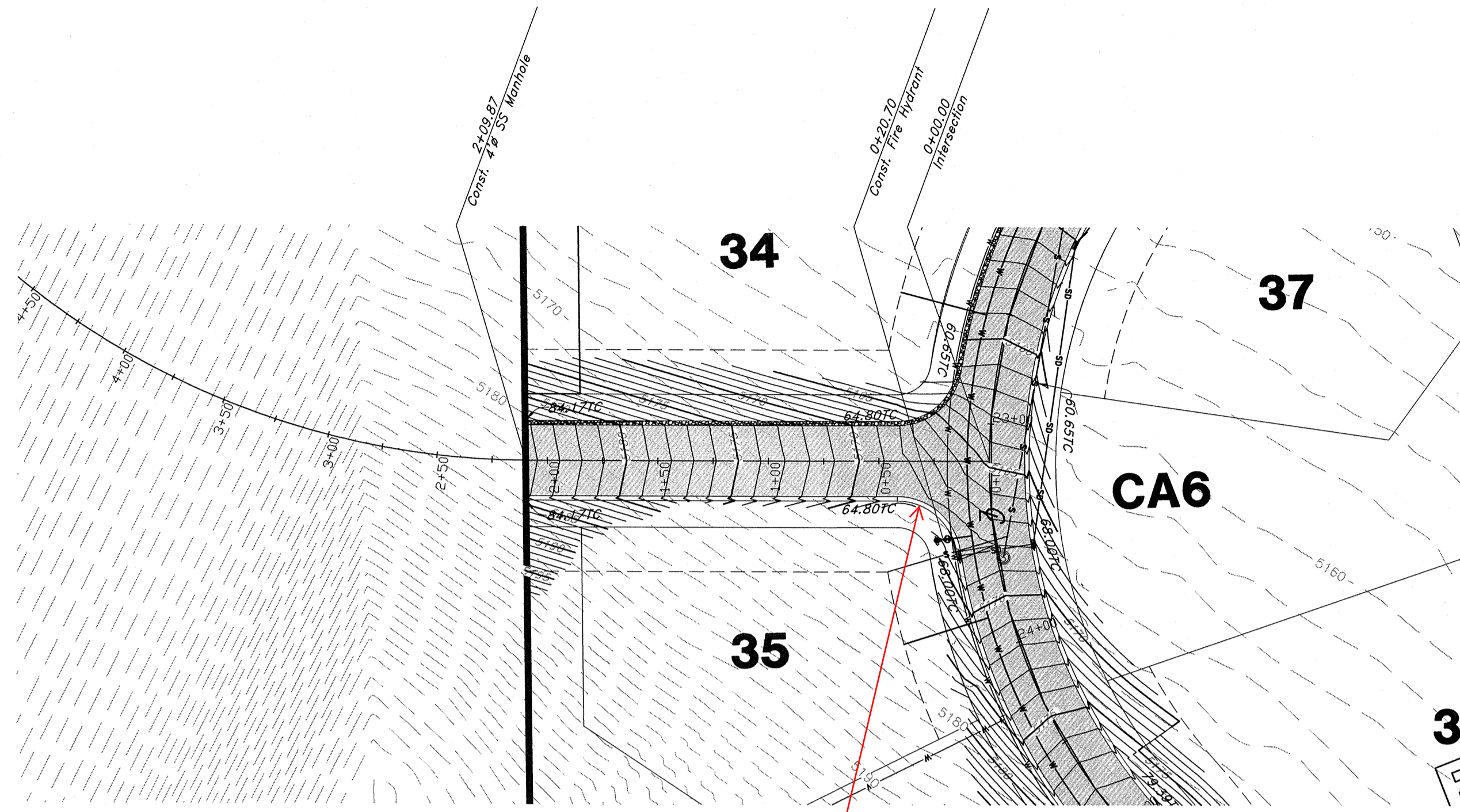
The Chalets at Ski Lake No. 6

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



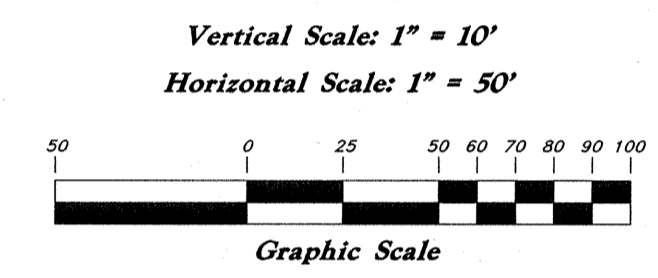
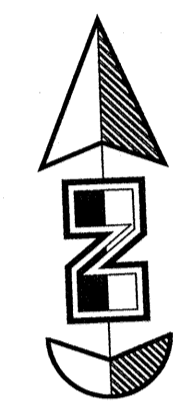
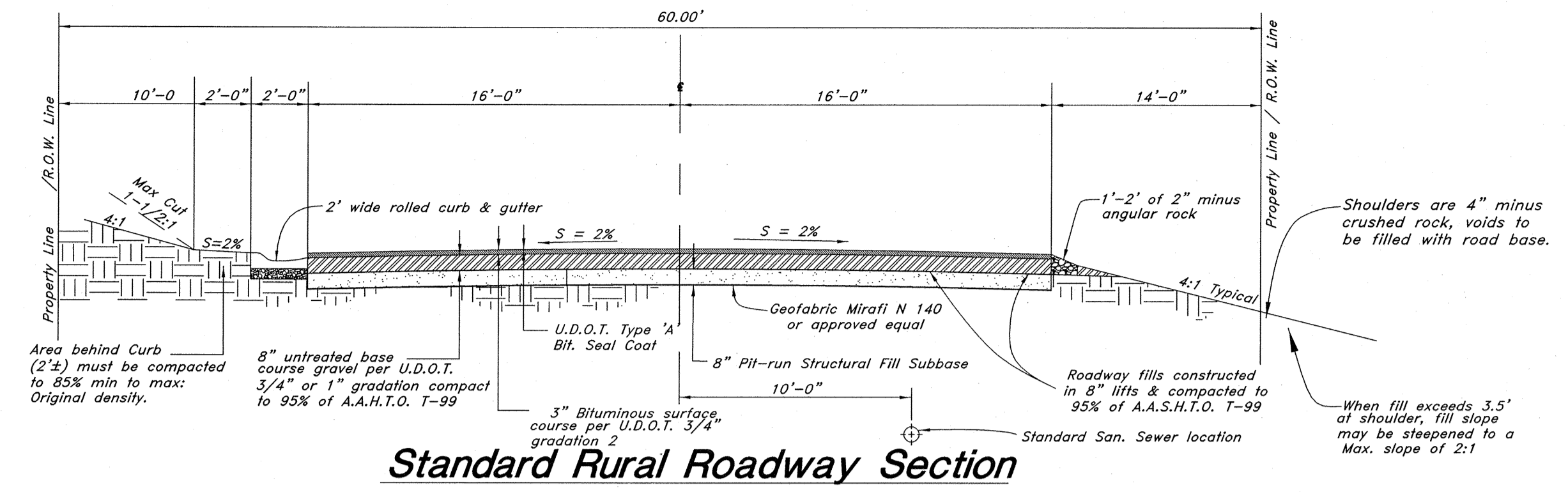
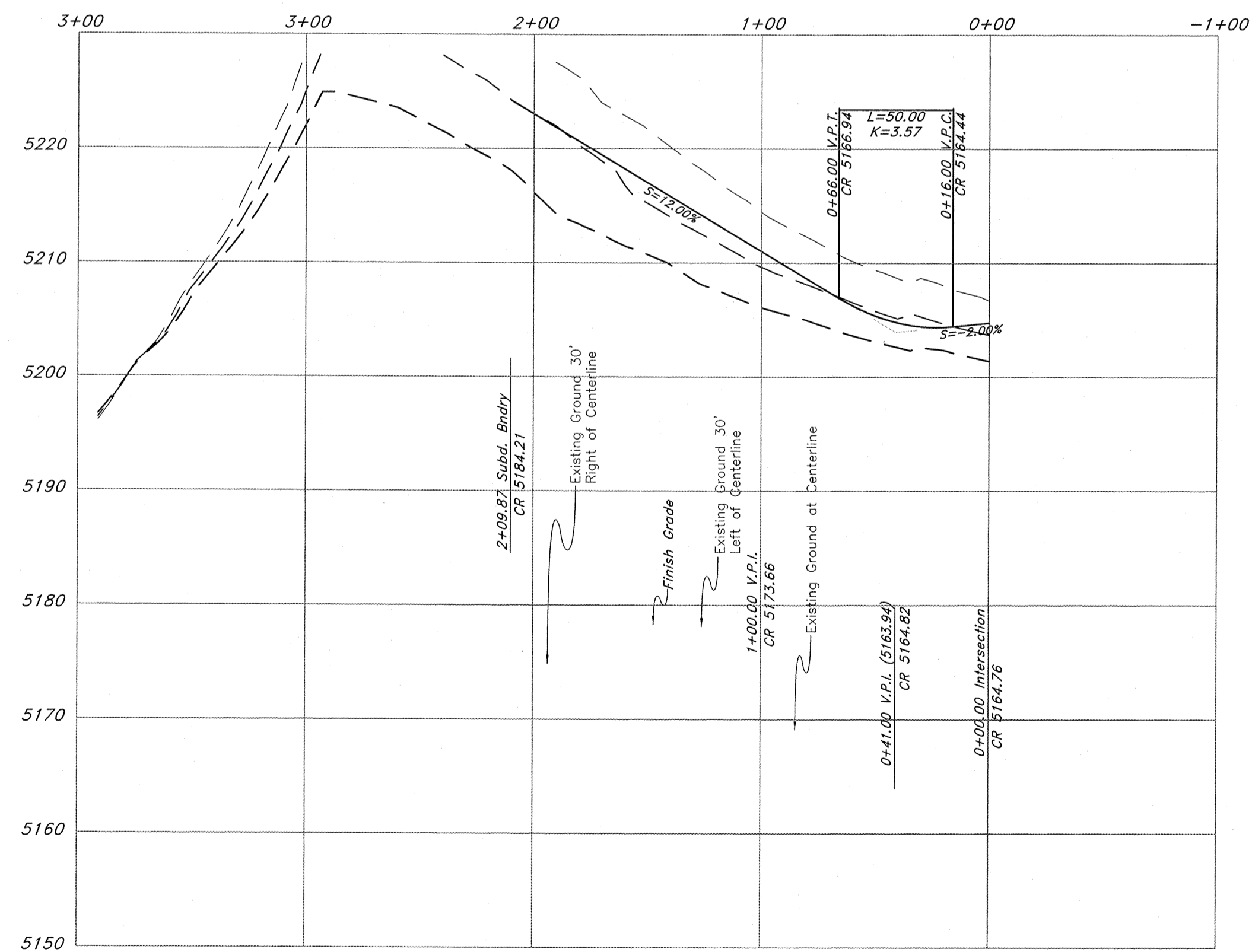
Jan, 2012

SHEET NO. **3**



Will this be enough stopping distance??

Nighthawk Road

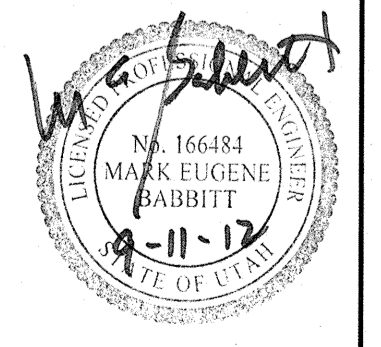


Legend

- (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

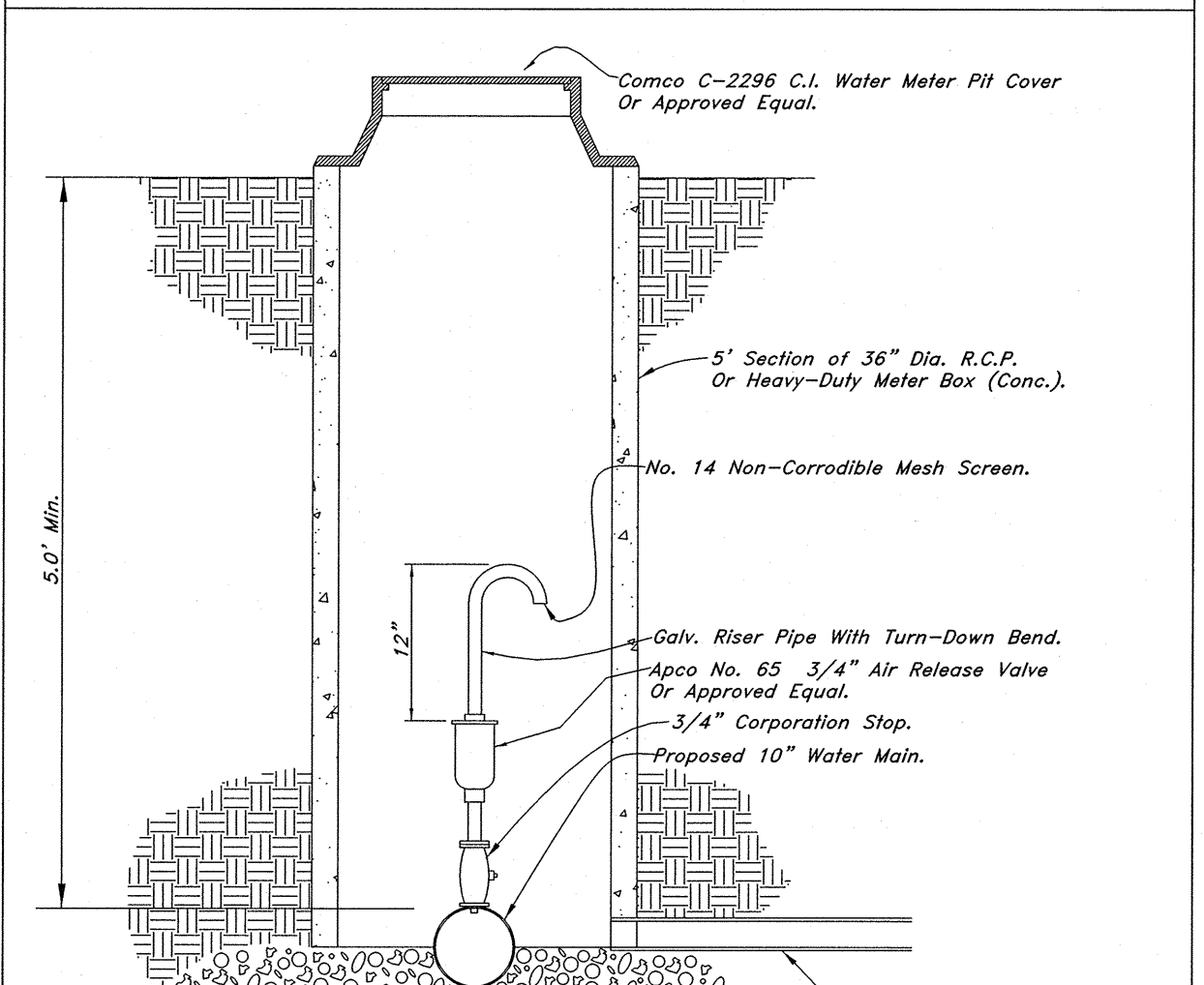
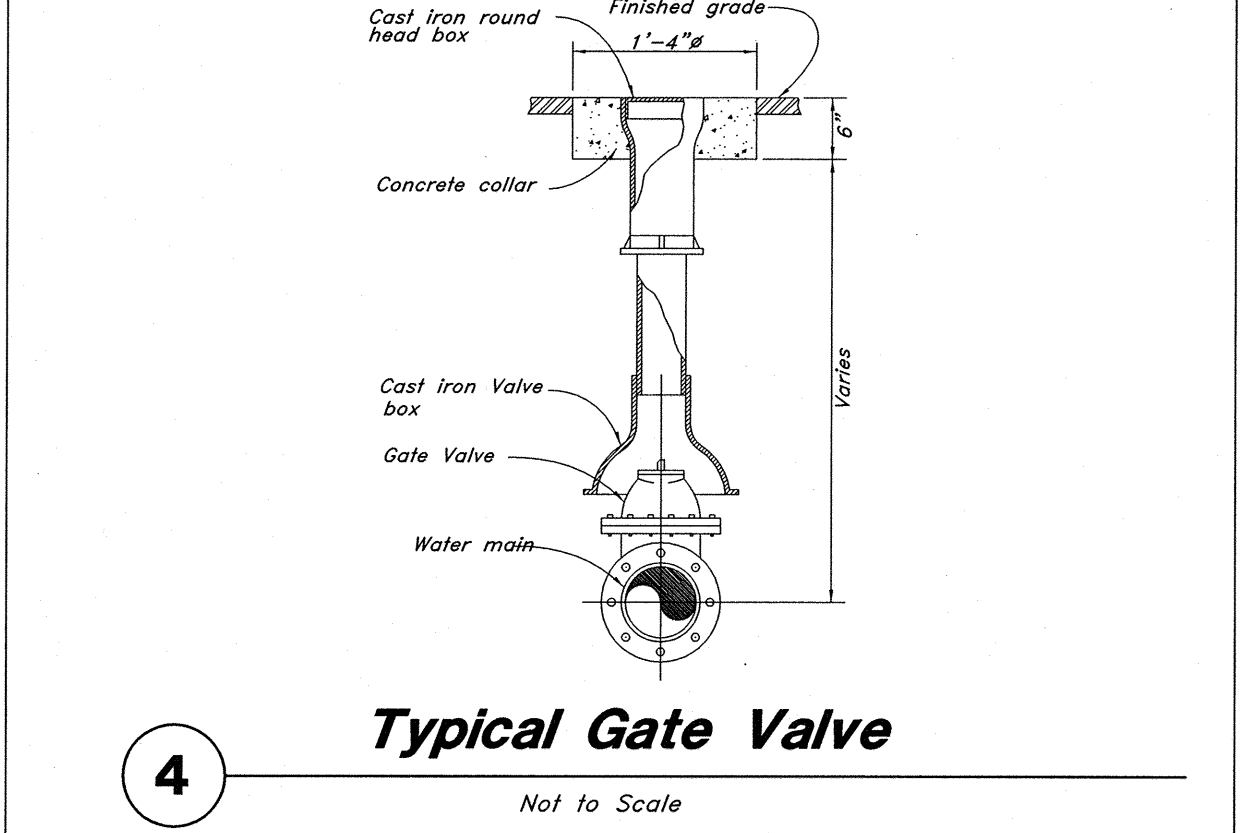
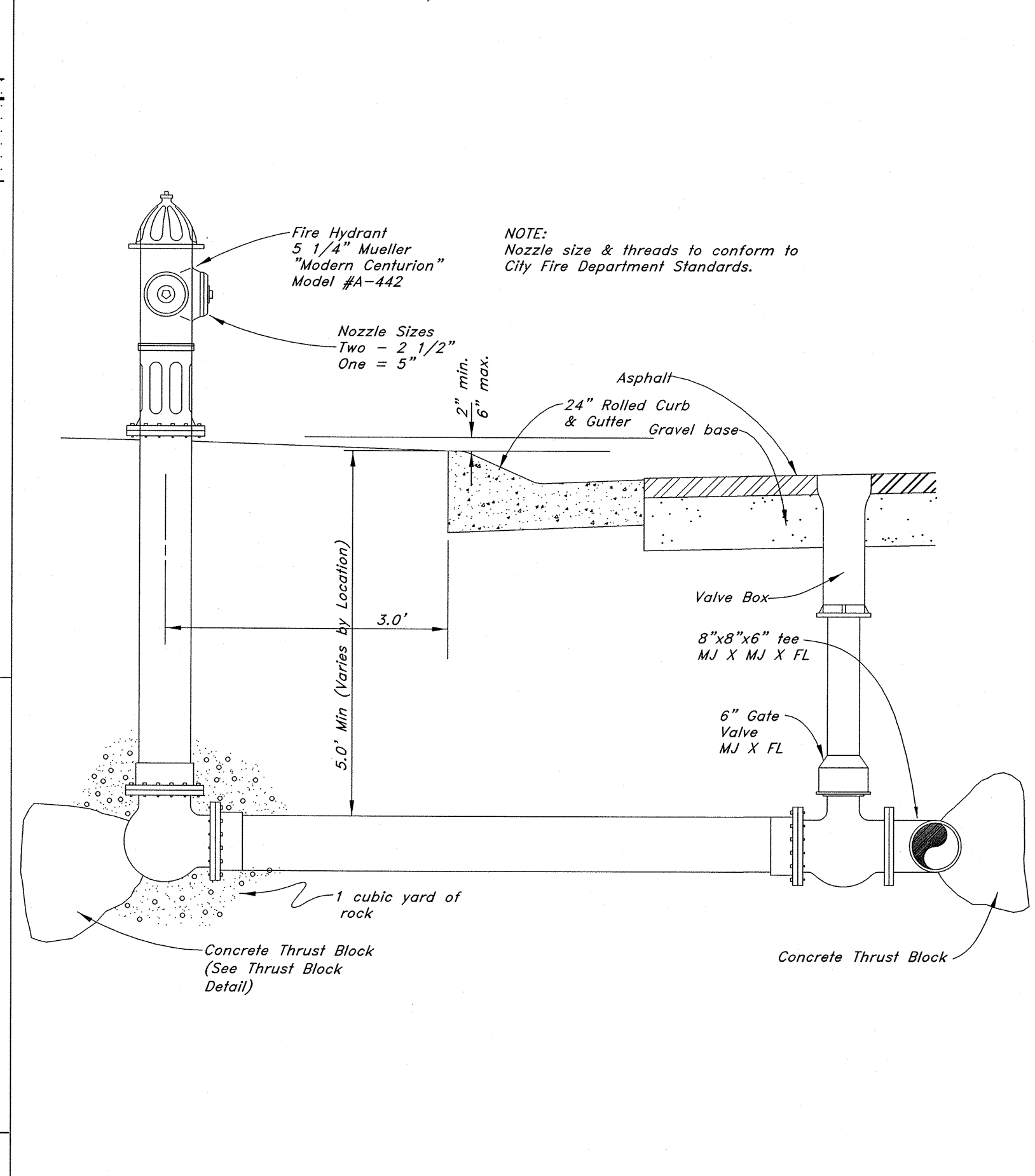
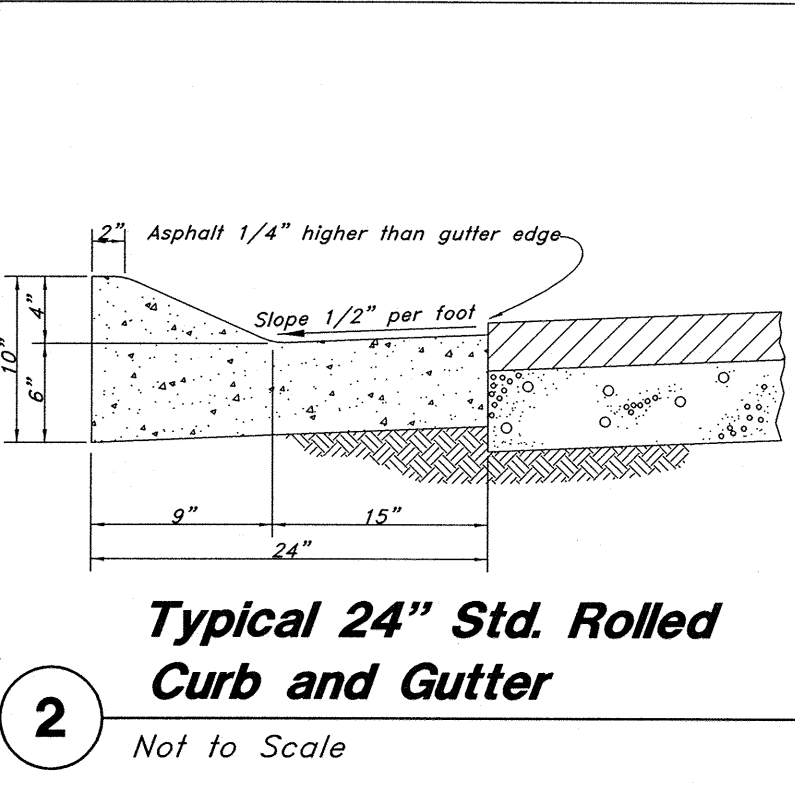
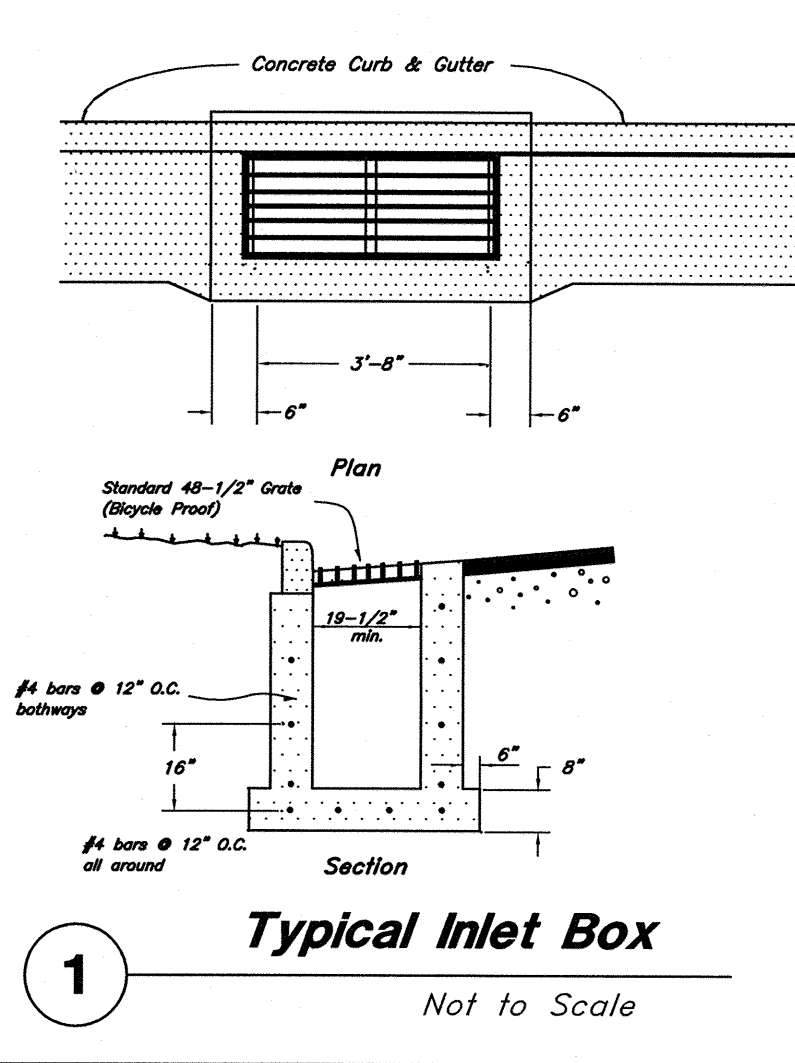
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Plan / Profile (Grading)
The Chalets at Ski Lake No. 6
 A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 24, 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, R1E, S188M, U.S. Survey



Jan, 2012

SHEET NO. **3a**

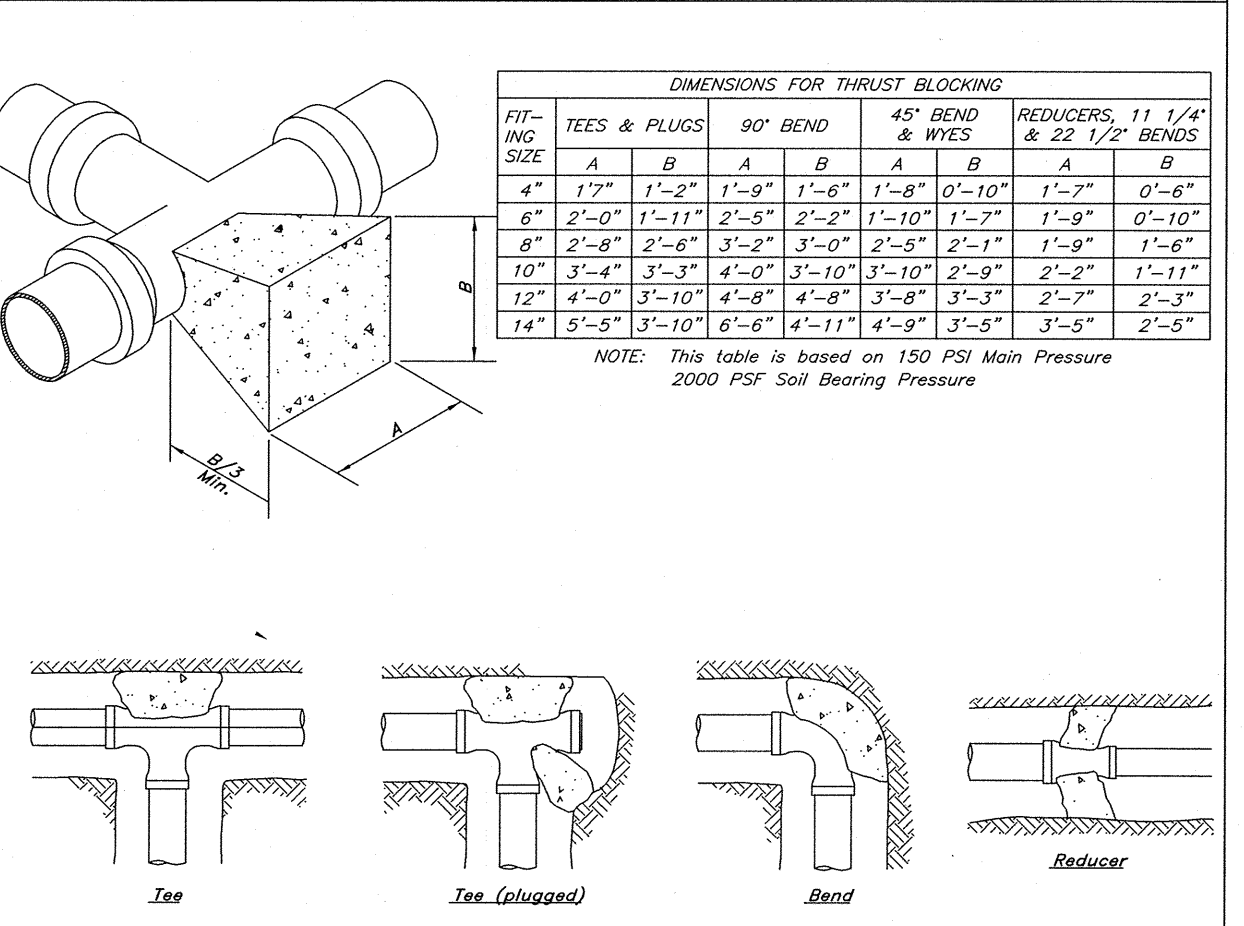
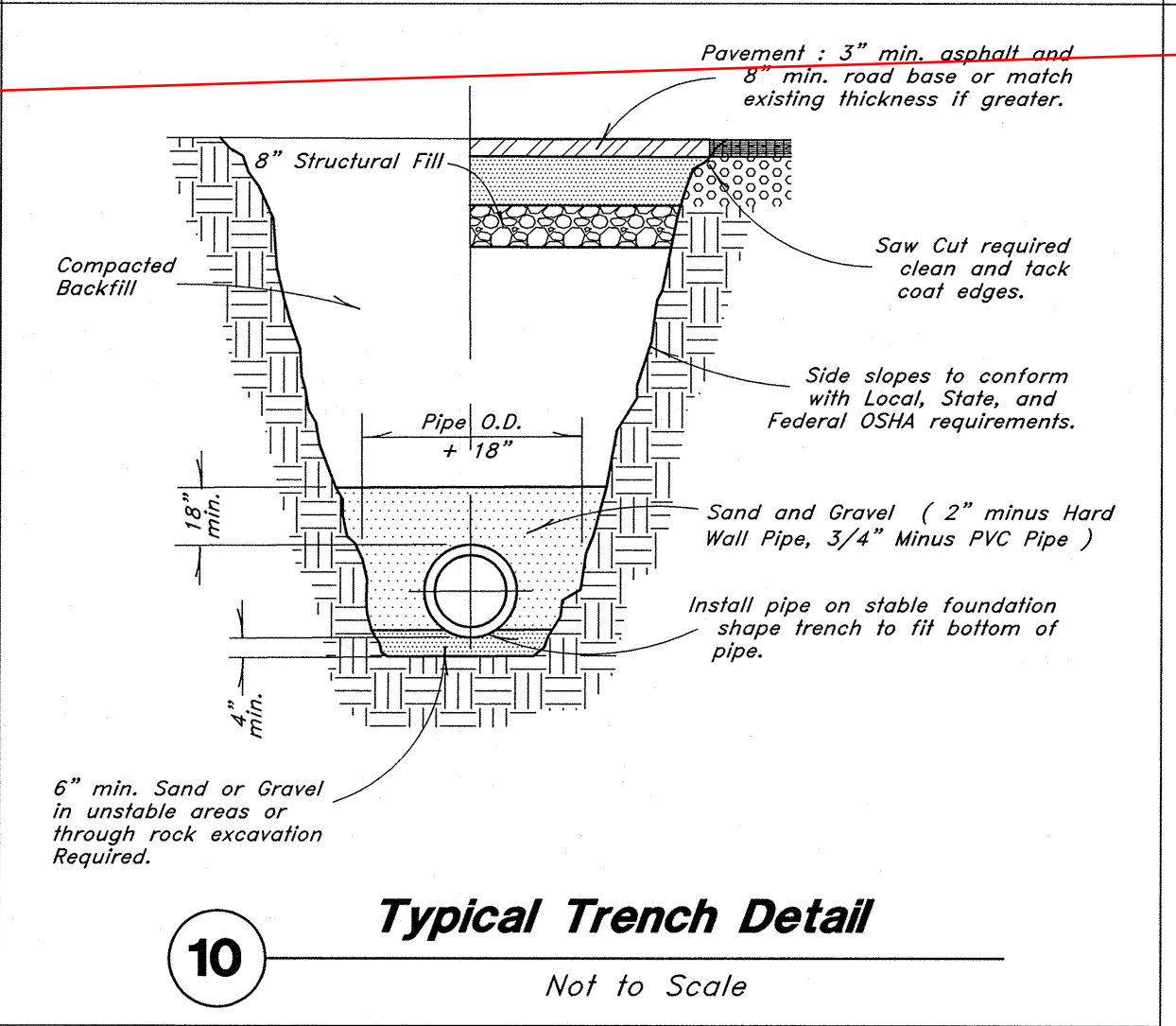
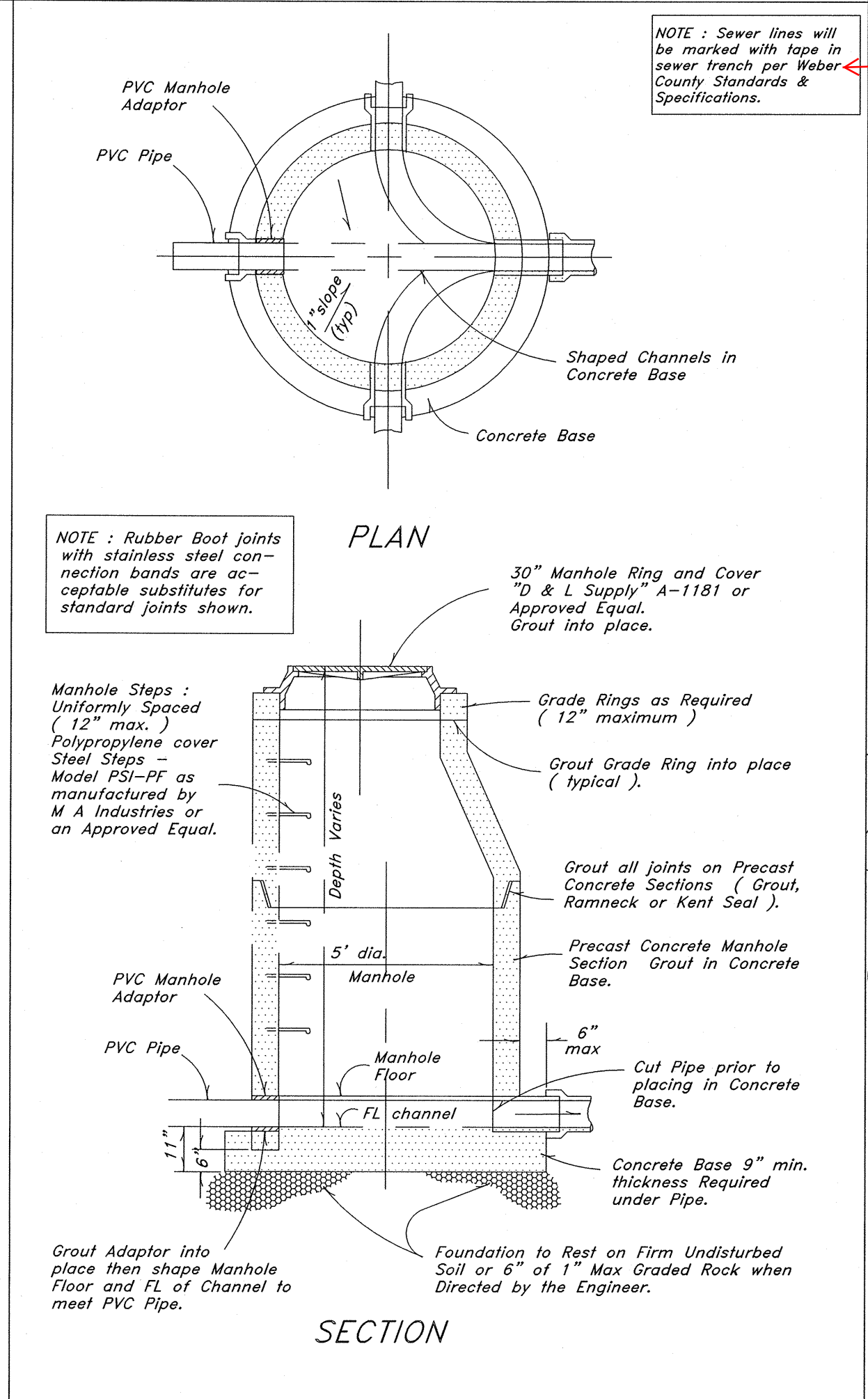
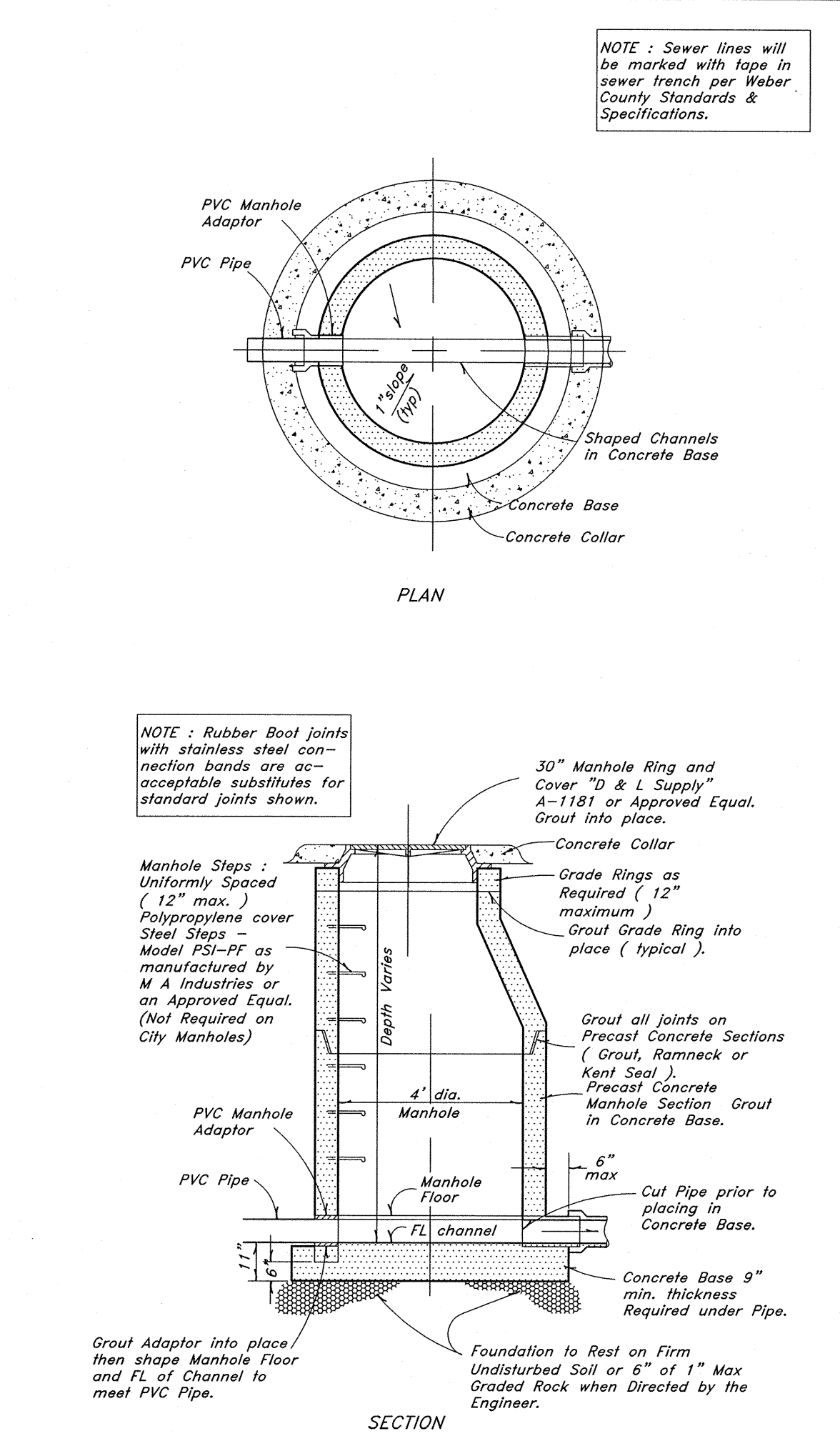


1 Typical Inlet Box
Not to Scale

3 Typical Fire Hydrant & Valve Connection
Not to Scale

4 Typical Gate Valve
Not to Scale

5 Air Release Detail
Not to Scale



8 Typical 4.0' Manhole Detail
Not to Scale

9 Typical 5.0' Manhole Detail
Not to Scale

11 Thrust Blocking Details
Not to Scale

10 Typical Trench Detail
Not to Scale

should have this note on Sheet 10 as well.

REV	DATE	DESCRIPTION

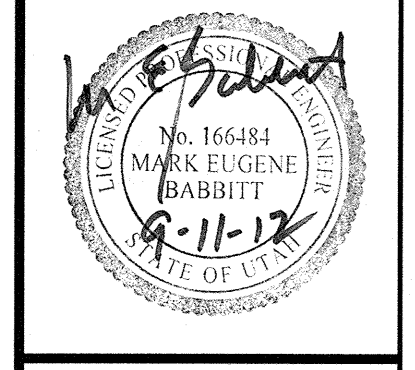
GREAT BASIN ENGINEERING

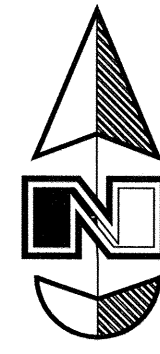
5746 SOUTH 1475 EAST OGDEN, UTAH 84403
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Details

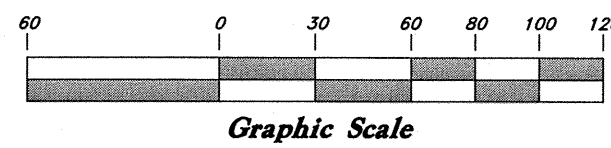
The Chalets at Ski Lake No. 6

A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 25, and a part of the Northwest 1/4 of Section 24, 18th, 17th, S&B&M, U.S. Survey





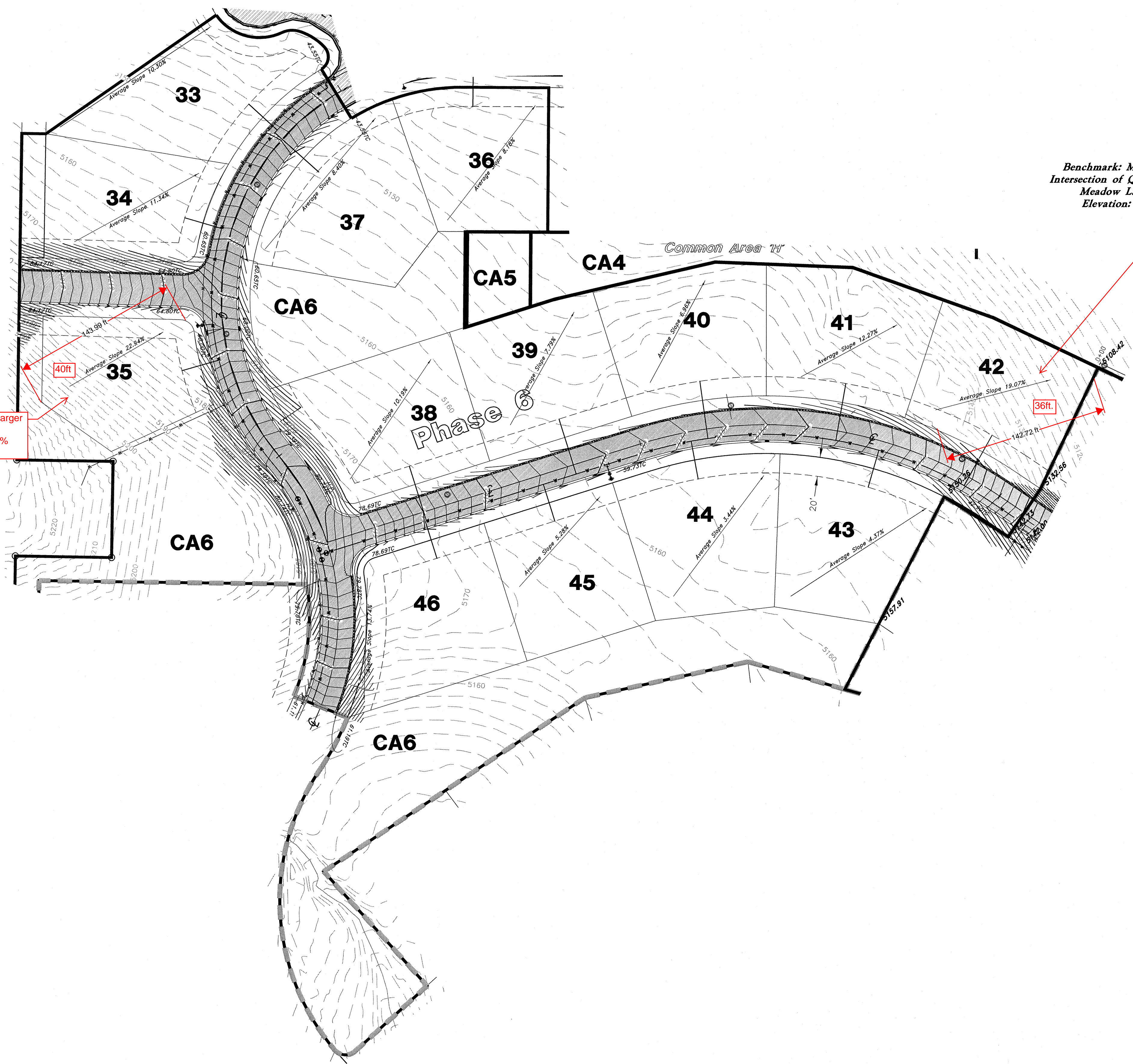
Scale: 1" = 60'



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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- Concrete Pipe
- Reinforced Concrete Pipe
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- 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



I'm getting a larger Ave slope. 40ft/144ft=27% Slope.

Average slope needs to be calculated perpendicular to the contours of the slope. Connecting the highest point of a slope to the lowest point of the same slope within a parcel or lot.

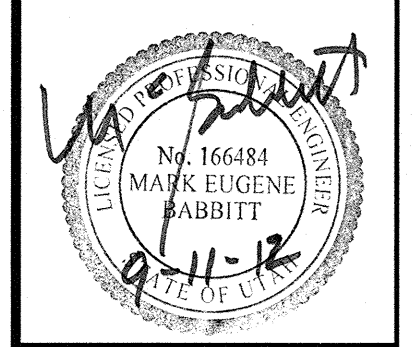
GREAT BASIN ENGINEERING

5746 SOUTH 1475 EAST OGDEN, UTAH 84403
 MAIN (801)594-4515 S.L.C. (801)521-0222 FAX (801)592-7544
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Average Slope Exhibit

The Chalets at Ski Lake No. 6

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, T8N, R1E, S16&M, U.S. Survey



Jan, 2012



96N120 Waterline