

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
- Sanitary 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
- 95.337A
- 95.271A
- 90
- R
- Ridge Line
- Direction of Flow
- Existing Asphalt
- New Asphalt
- Heavy Duty Asphalt
- Concrete
- Open Face
- Curb & Gutter

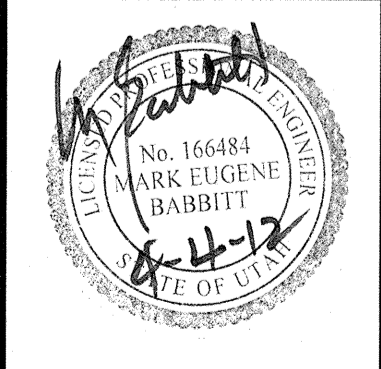
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Waterline Key Map

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, T6N, R1E, S18&M, U.S. Survey



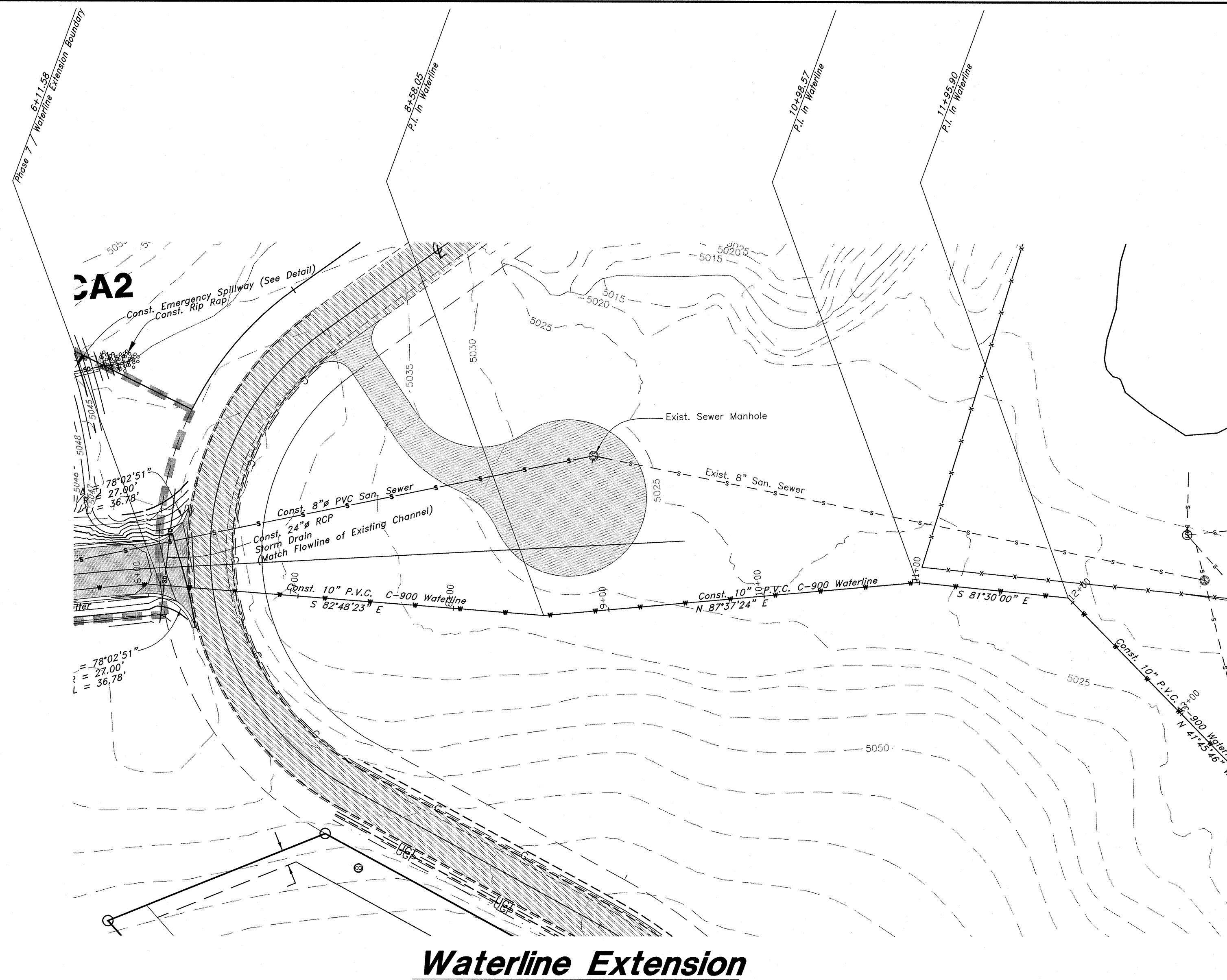
Jan, 2012

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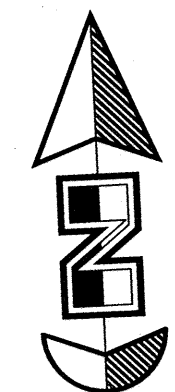
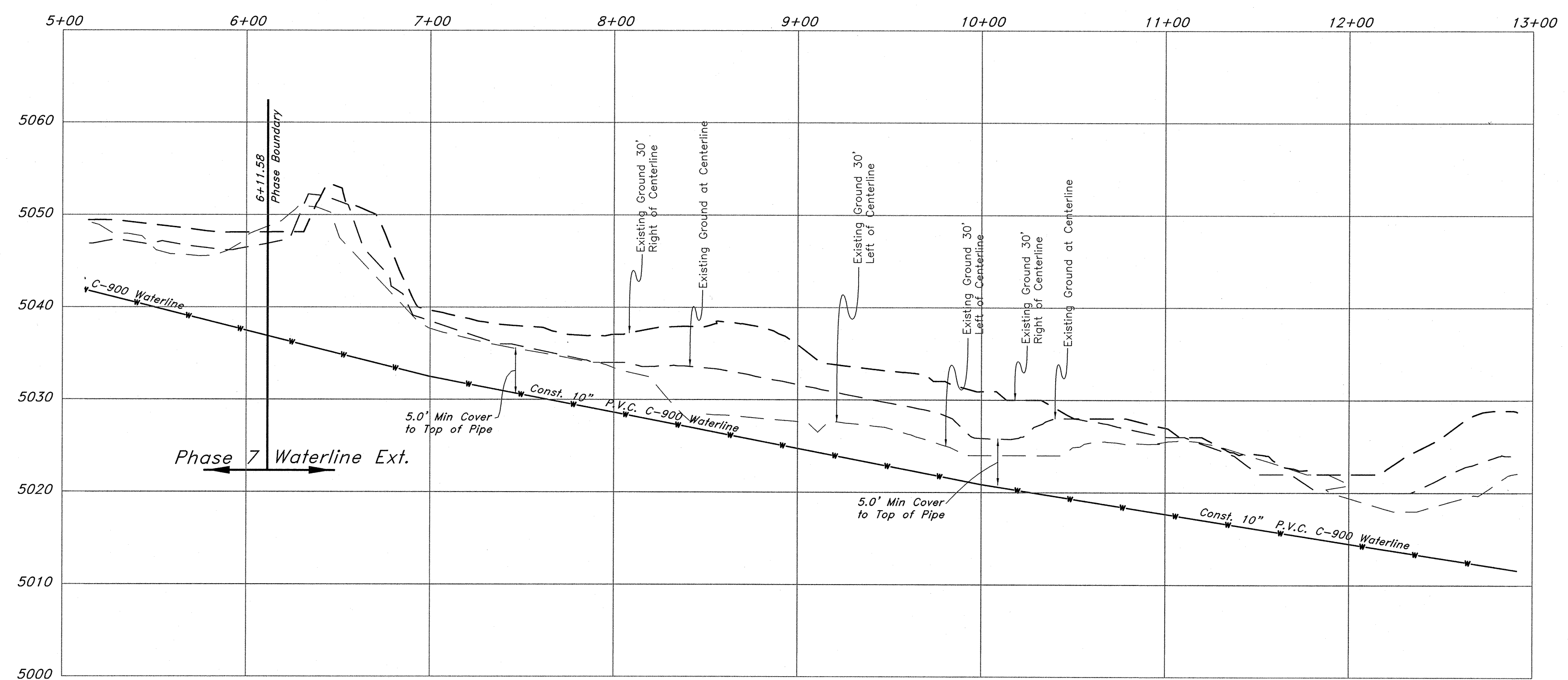
KM

96N120 Waterline

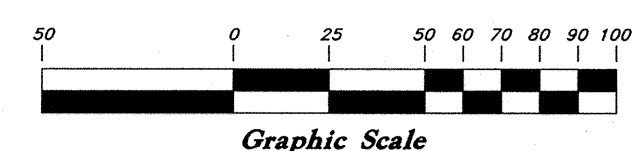
Benchmark: Monument at
Intersection of Quail Lane and
Meadow Lark Lane
Elevation: 5022.34



Waterline Extension



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



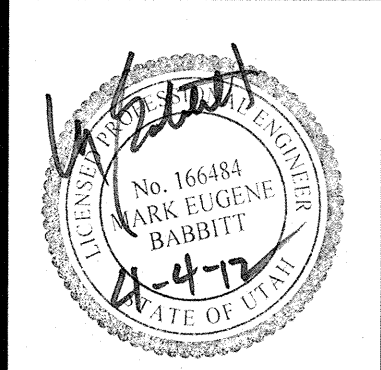
Legend

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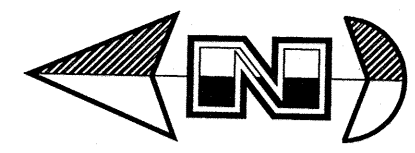
Waterline Plan and Profile
Lakeview Water - Waterline Extension
 A part of the Southwest 1/4 of Section 13, a part of the Northeast 1/4 of Section 23, and a part of the Northwest 1/4 of Section 24, T6N, R1E, S16&M, U.S. Survey.



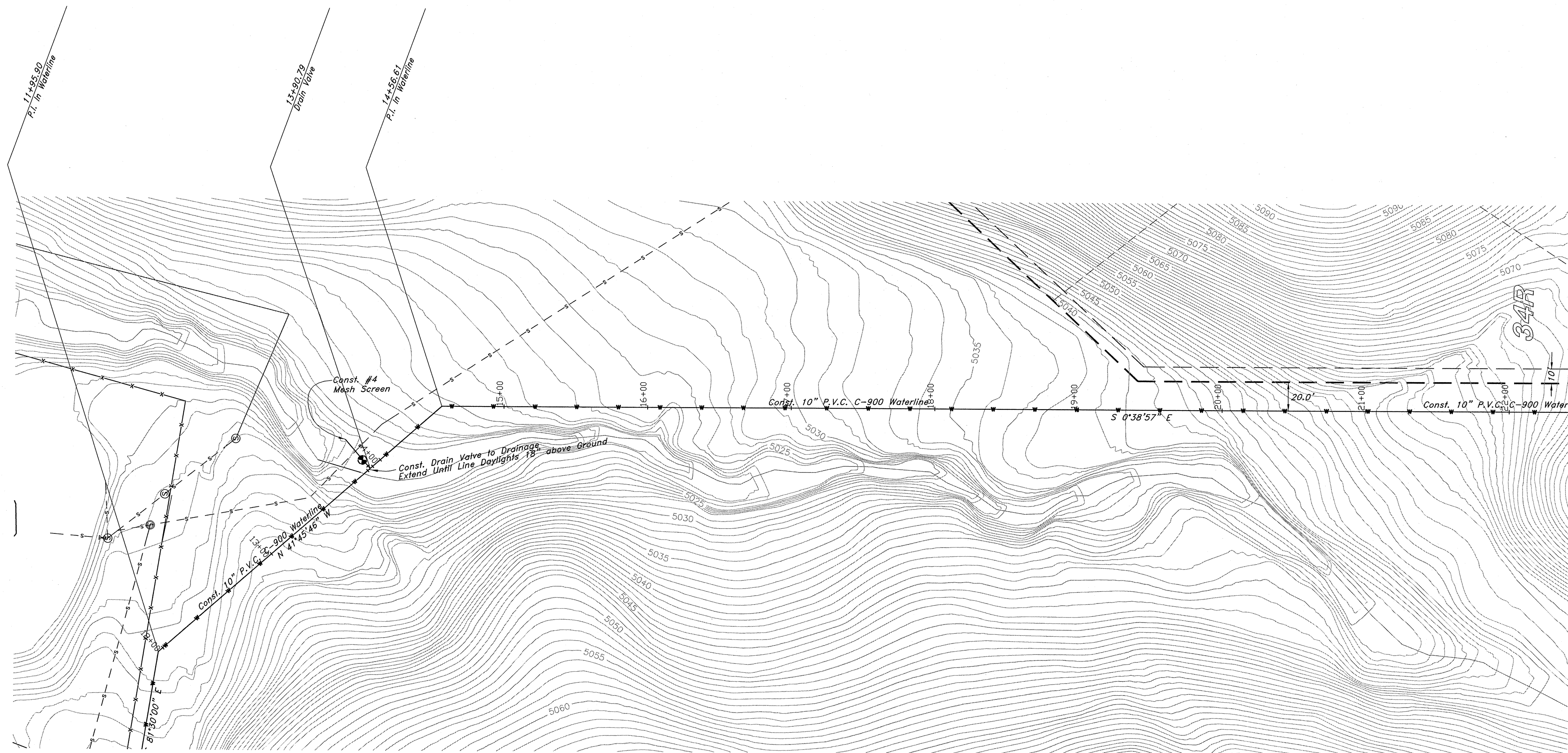
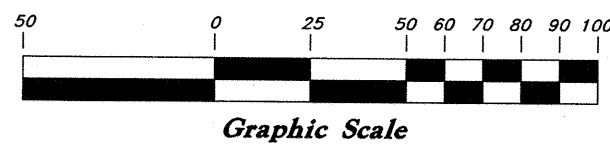
Jan, 2012

SHEET NO.
1

96N120 Waterline



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

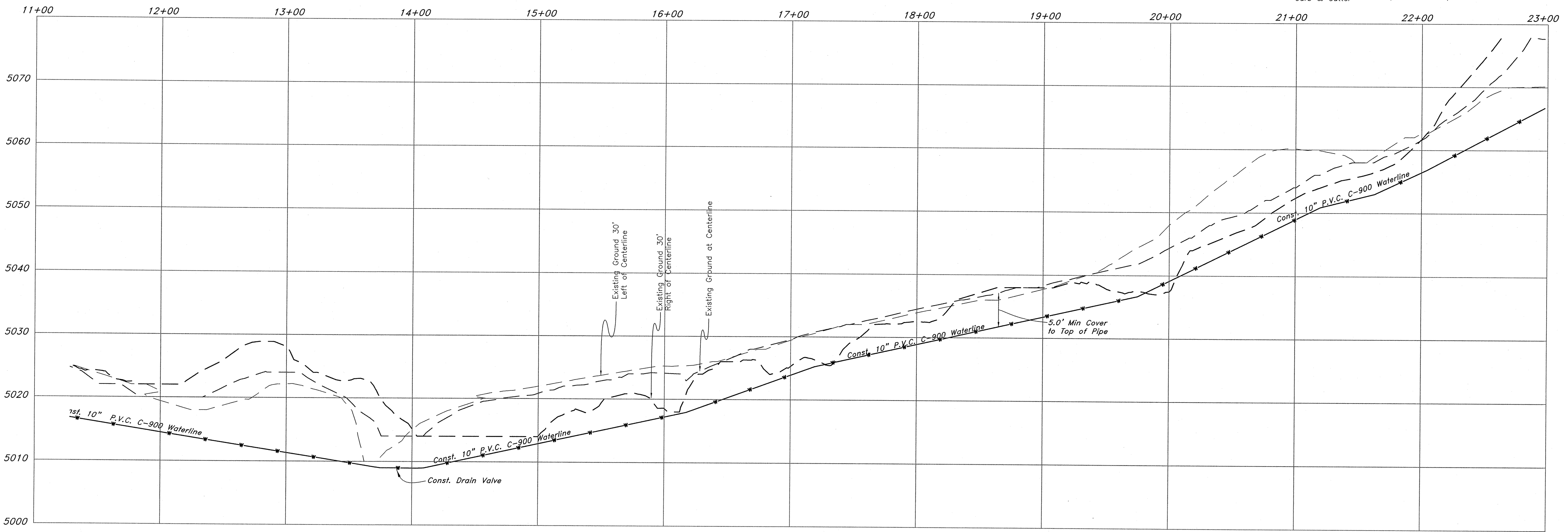


Waterline Extension

Legend

(Note: All items may not appear on drawing)

- | | | | | |
|---------------------|-----------------------|-------|--------------------|-------------|
| San. Sewer Manhole | Fire Line | F | Top of Walk | TW |
| Water Manhole | Land Drain | LD | Natural Ground | NG |
| Storm Drain Manhole | Power pole | ● | Finish Contour | — 90 — |
| Electrical Manhole | Power pole w/guy | ● | Exist. Contour | — 90 — |
| Catch Basins | Light Pole | ✱ | Finish Grade | — 95.33TA — |
| Exist. Fire Hydrant | Fence | — x — | Exist. Grade | — 95.72TA — |
| Exist. Water Valve | Flowline of ditch | — x — | Ridge Line | — R — |
| Water Valve | Overhead Power line | — x — | Direction of Flow | → |
| Sanitary Sewer | Corrugated Metal Pipe | — x — | Existing Asphalt | ▨ |
| Culinary Water | Concrete Pipe | — x — | New Asphalt | ▨ |
| Gas Line | Ductile Iron | — x — | Heavy Duty Asphalt | ▨ |
| Irrigation Line | Polyvinyl Chloride | — x — | Concrete | ▨ |
| Storm Drain | Top of Asphalt | — x — | Open Face | ▨ |
| Telephone Line | Edge of Asphalt | — x — | Curb & Gutter | ▨ |
| Secondary Waterline | Centerline | — x — | | |
| Power Line | Flowline | — x — | | |
| | Finish Floor | — x — | | |
| | Top of Curb | — x — | | |
| | Top of Wall | — x — | | |
| | Top of Well | — x — | | |



REV	DATE	DESCRIPTION

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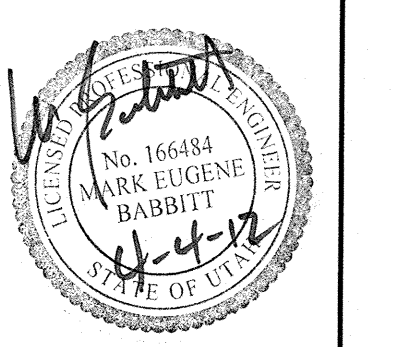
95.33TA
95.72TA

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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, R1E, SLB&M, U.S. Survey

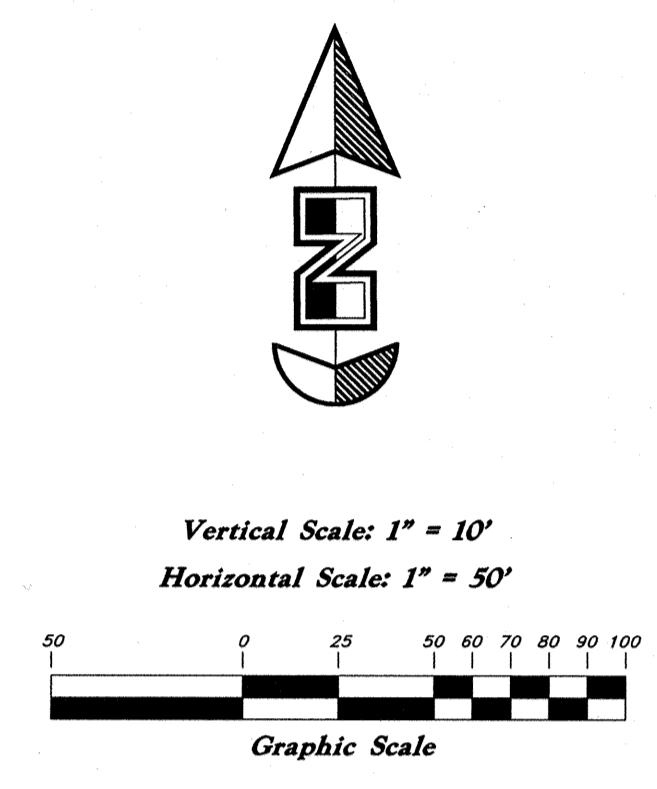


Jan, 2012

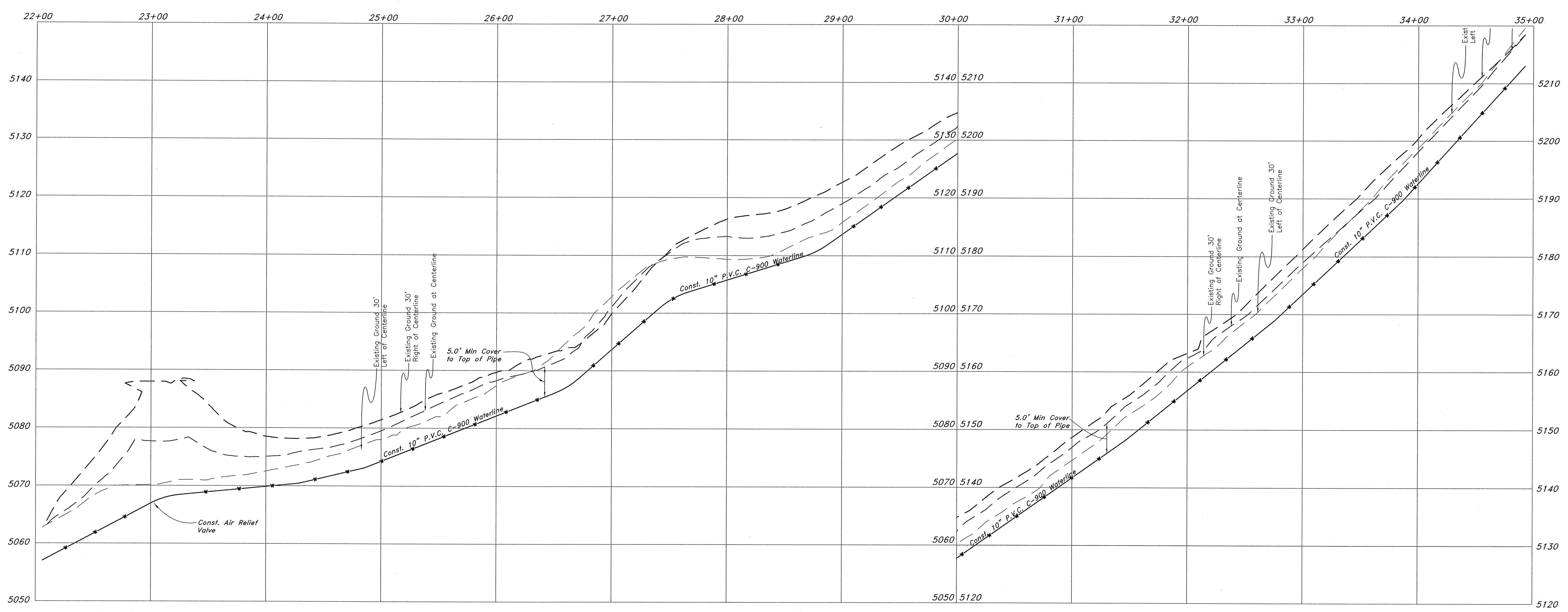
SHEET NO.

2

96N120 Waterline



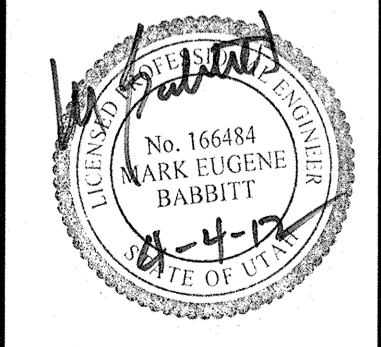
Waterline Extension



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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

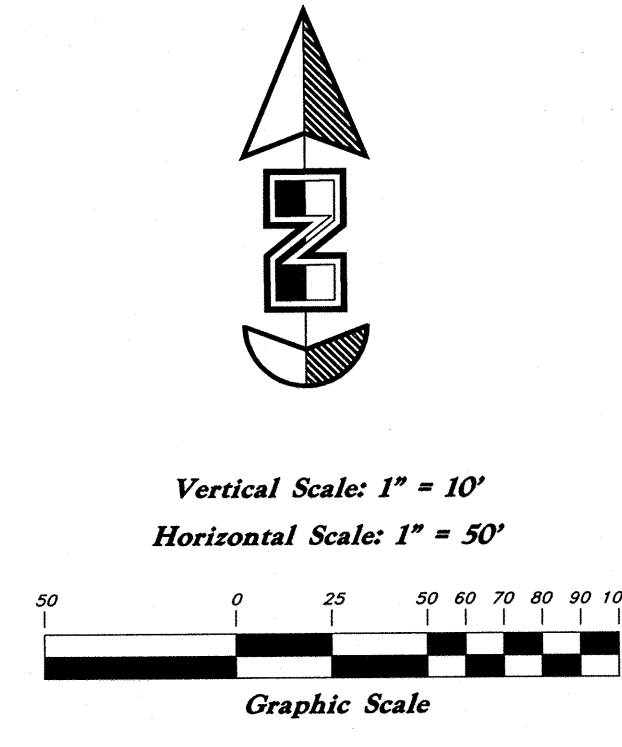
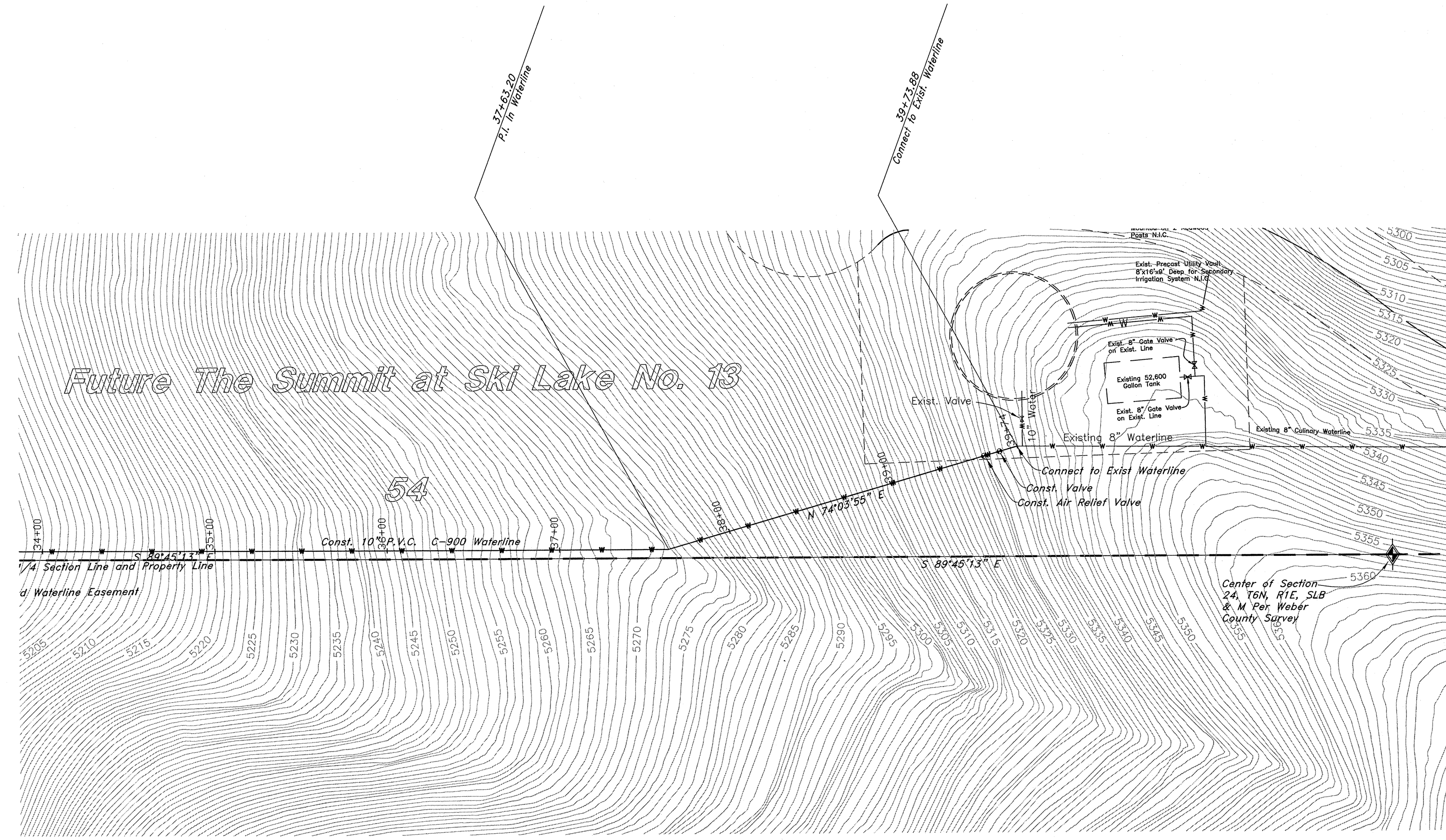


Jan, 2012

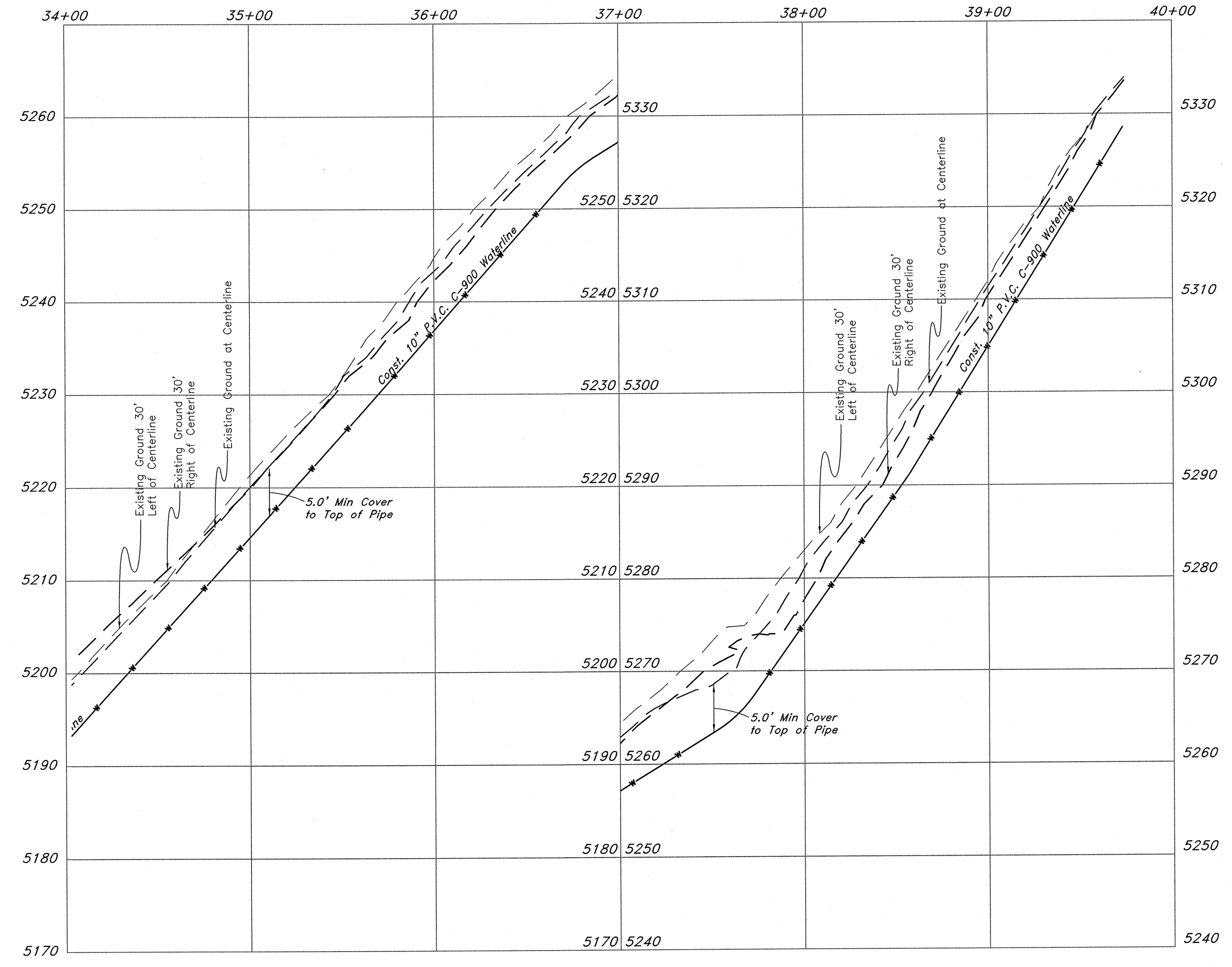
SHEET NO. **3**

96N120 Waterline

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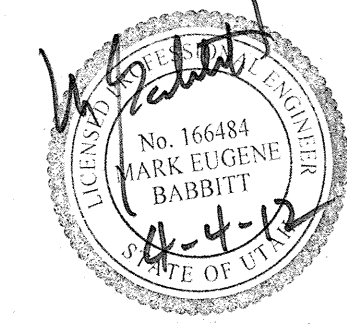
Waterline



Legend

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 - New Asphalt
 - Heavy Duty Asphalt
 - Concrete
 - Open Face Curb & Gutter

Waterline Plan and Profile
Lakeview Water - Waterline Extension



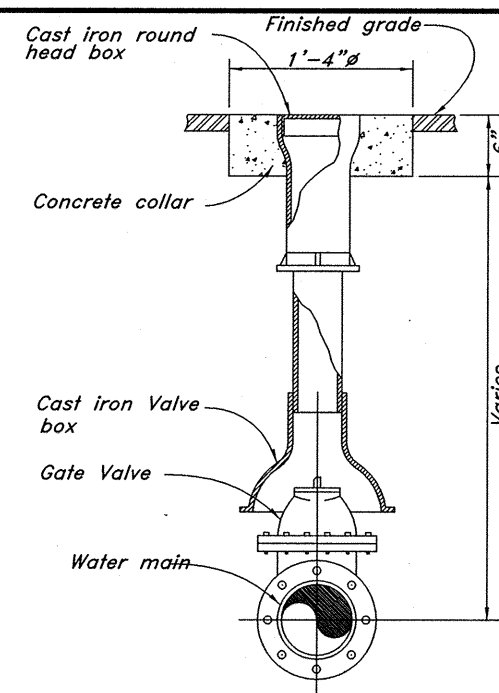
Jan, 2012

SHEET NO. **4**

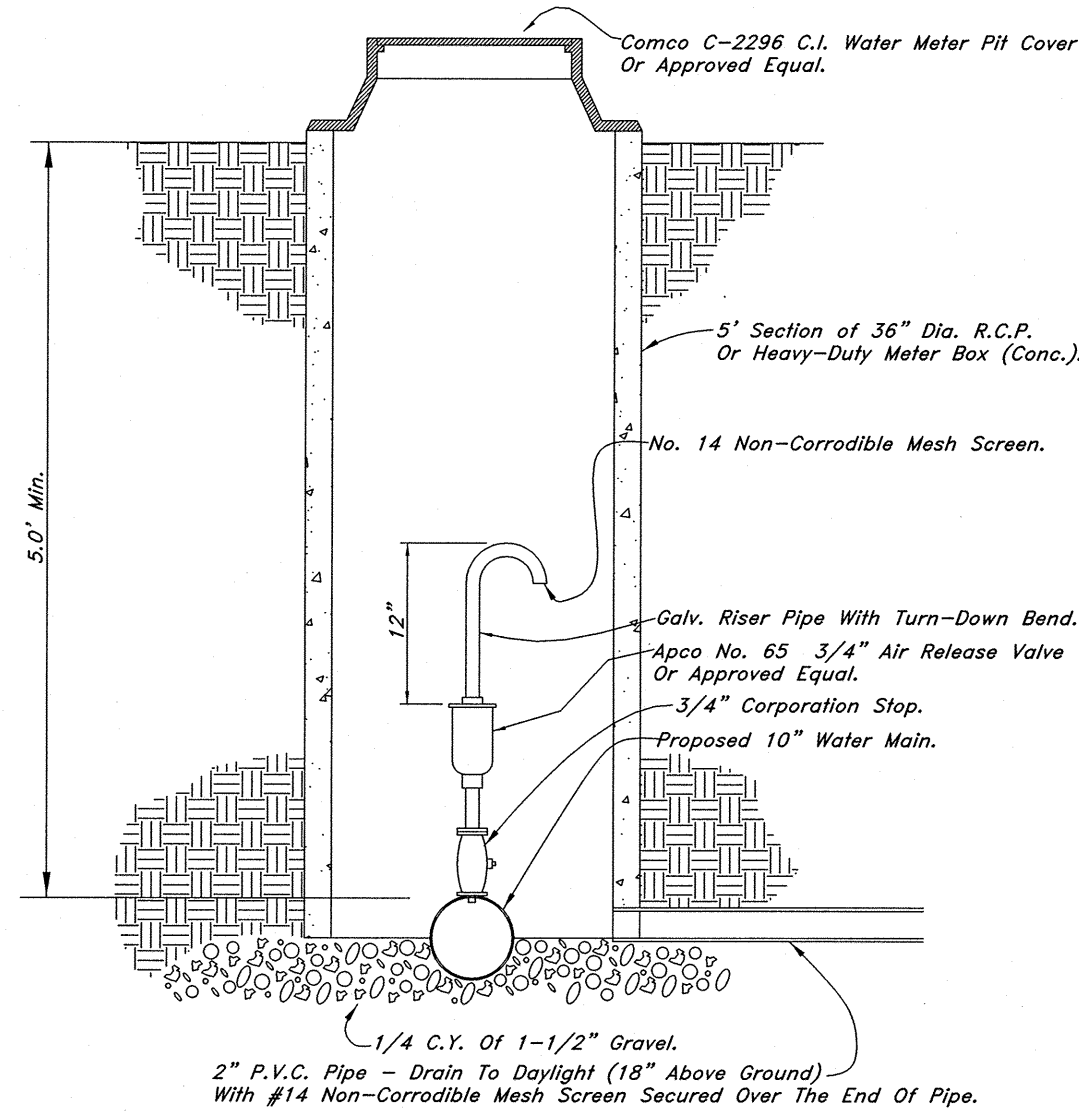
REV	DATE	DESCRIPTION

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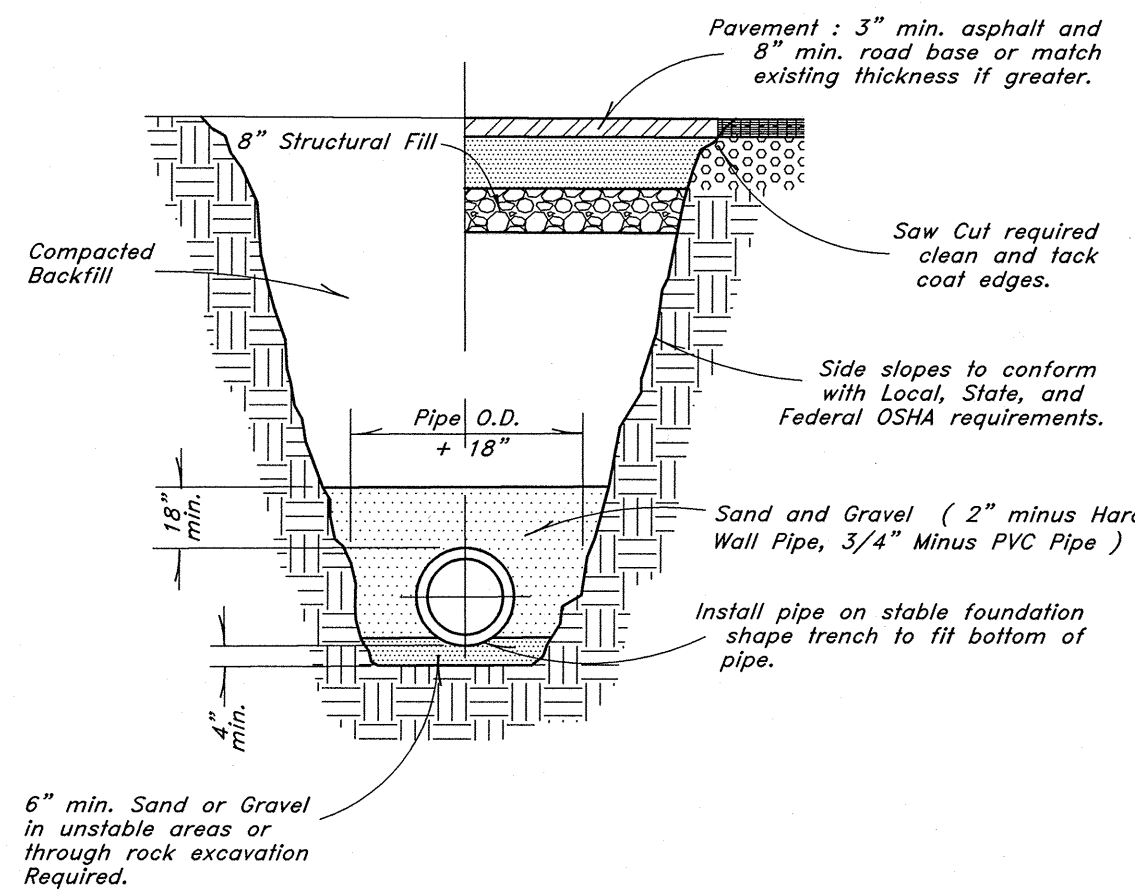
5746 SOUTH 1475 EAST OGDEN, UTAH 84403
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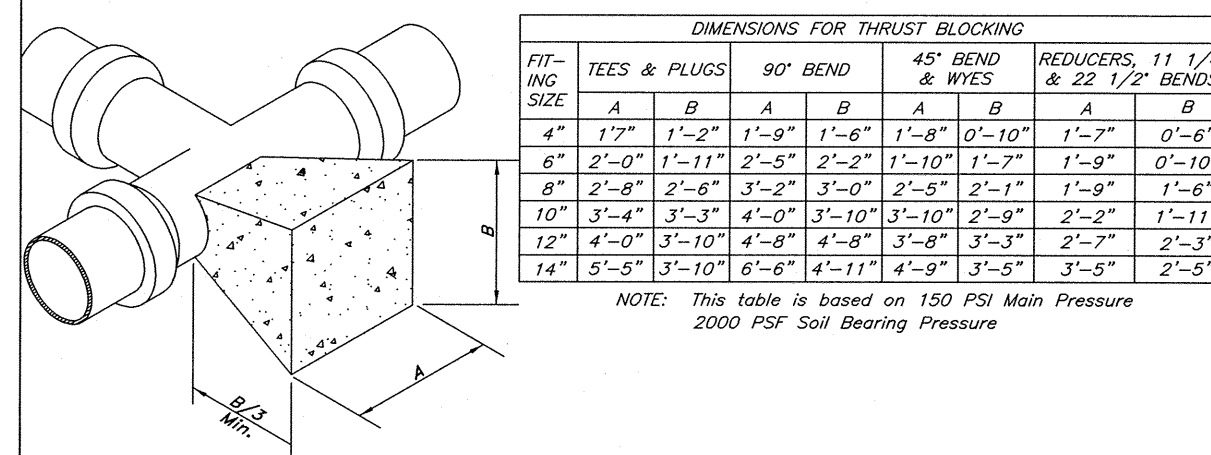
4 **Typical Gate Valve**
Not to Scale



5 **Air Release Detail**
Not to Scale



10 **Typical Trench Detail**
Not to Scale



FIT-ING SIZE	DIMENSIONS FOR THRUST BLOCKING					
	TEES & PLUGS		90° BEND	45° BEND & WYES	REDUCERS, 1 1/4" & 2 1/2" BENDS	
	A	B	A	B	A	B
4"	17"	1'-2"	1'-9"	1'-6"	0'-10"	0'-6"
6"	2'-0"	1'-11"	2'-5"	2'-2"	1'-10"	1'-9"
8"	2'-8"	2'-6"	3'-2"	3'-0"	2'-5"	2'-1"
10"	3'-4"	3'-3"	4'-0"	3'-10"	3'-10"	2'-9"
12"	4'-0"	3'-10"	4'-8"	4'-8"	3'-9"	2'-7"
14"	5'-3"	4'-10"	6'-0"	4'-11"	4'-9"	3'-5"

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

11 **Thrust Blocking Details**
Not to Scale

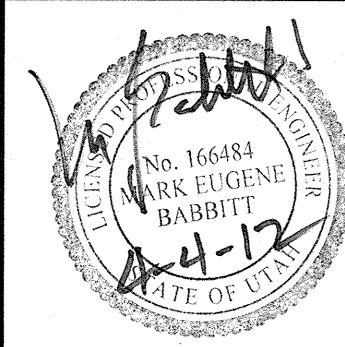
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Details

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, T6N, R1E, SL&M, U.S. Survey



Jan, 2012

SHEET NO.
5