* See All Sheets*

- 1. All construction shall conform to Weber County standards and specifications. 2. Underground utility piping materials will meet or exceed the County Standards.
- 3. All manholes to be vacuum test. BOA Tape shall be used and other water tightness materials per manufacturer.
- 4. Culinary water services will be 3/4" Dia. C-900 DR14 PVC to be centered on the frontage and extended 10' beyond the right of way line.
- 5. 4" Sanitary sewer laterals to be constructed 10' down slope from the center of the lot and extended 10' beyond the right of way line.
- 6. 4" Land drain laterals to be constructed at the low corner of the lot and
- extended 10' beyond the right of way line. 4. Saw Cut Existing Asphalt to provide a smooth clean edge.
- 5. All Utility trenches within the Street right of way shall have a City approved imported granular backfill.
- 6. Thrust block all water line fittings. 7. All inlet grates shall be bicycle safe.
- 8. All fire hydrants and access roads shall be installed prior to any construction
- 9. All fire hydrants shall be placed with 4 $\frac{1}{2}$ inch connections facing the point of access for the Fire Department Apparatus.
- 10. Prior to the beginning of construction of any buildings, a fire flow test of new hydrants shall be conducted to verify the actual fire flow for this project. The Fire Prevention Division shall witness this test and shall be notified a minimum of 48 hours prior to the test.
- 11. Curb & gutter installed along 2200 South Street will be set to ensure a 1.5% minimum/3.0% Maximum cross slope from edge of asphalt. Contractor to verify prior to construction of curb.
- 12. An excavation permit is required for all work done within the existing Right
- 13. A Storm Water Construction Activity Permit is required for any construction that disturbs more than 5000 Sq. Ft. or 200 Cubic Yards.
- 14. All improvements need to be either installed or escrowed prior to recording of
- 15. If construction activity will disturb more than an acre then a State SWPPP will be required. This includes the construction of the homes etc. on each lot.

GENERAL UTILITY NOTES:

- 1. Coordinate all utility connections to building with plumbing plans and building
- 2. Verify depth and location of all existing utilities prior to constructing any new utility lines. Notify Civil Engineer of any discrepancies or conflicts prior to any connections being made.
- 3. All catch basin and inlet box grates are to be bicycle proof. 4. All inlet boxes located in curb and gutter are to be placed parallel to the curb and gutter and set under the frame and grate. Improperly placed boxes will be removed and replaced at no additional cost to the owner. Precast or
- cast in place boxes are acceptable. 5. Refer to the site electrical plan for details and locations of electrical lines,
- transformers and light poles. 6. Gas lines, telephone lines, and cable TV lines are not a part of these plans
- unless otherwise noted. 7. Water meters are to be installed per city standards and specifications. It will
- be the contractor's responsibility to install all items required. 8. Water lines, valves, fire hydrants, fittings etc. are to be constructed as shown. Contractor is responsible to construct any vertical adjustments necessary to clear sewer, storm drain or other utilities as necessary including valve boxes
- and hydrant spools to proper grade. 9. Field verify all existing and/or proposed Roof Drain/Roof Drain down spout connections to Storm Water System with Civil, Plumbing & Architectural plans.
- Notify Engineer of any discrepancies. 10. All gravity flow utility lines shall be installed prior to any pressurized utilities unless written permission is obtained from the engineer of record before construction begins.

UTILITY PIPING MATERIALS:

All piping to be installed per manufacturers recommendations. Refer to project specifications for more detailed information regarding materials,

CULINARY SERVICE LATERALS

1. 3/4" to 2" diameter pipe — copper tube ASTM B, Type K, Soft Temper

2. Over 2" diameter pipe - AWWA C-900 Class 150 pipe

WATER MAIN LINES AND FIRE LINES 1. Pipe material as shown on utility plan view or to meet city standards.

- 1. All sewer piping to be Polyvinyl Chloride (PVC) sewer pipe, ASTM D 3034, Type PSM, SDR 35
- 2. Sewer Lines will be marked with marking tape above the line.

STORM DRAIN LINES

- 1. 10" pipes or smaller Polyvinyl Chloride (PVC) sewer pipe, ASTM D3034, Type PSM. SDR 35
- 2. 12" to 21" pipes Concrete Pipe, ASTM C14, Class III up to 13' of cover. For greater than 13' feet of cover, use reinforced concrete pipe and classes
- 3. 24" pipes or larger Reinforced Concrete Pipe, ASTM C76, Class III up to 13' of cover, Class IV for 13' to 21' of cover, Class V for 21' to 32' of cover, and Special Design for cover greater than 32 feet.

CAUTION NOTICE TO CONTRACTOR

The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans are based on records of the various utility companies and, where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor must call the appropriate utility company at least 48 hours before any excavation to request exact field location of utilities. It shall be the responsibility of the contractor to relocate all existing utilities which conflict with the propose improvements shown on the plans.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

The Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this project, including safety of all persons and property: that this requirement shall apply continuously and not be limited to normal working hours, and that the contractor shall defend, indemnify, and hold the owner and the engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for liability arising from the sole negligence of the owner or the engineer.

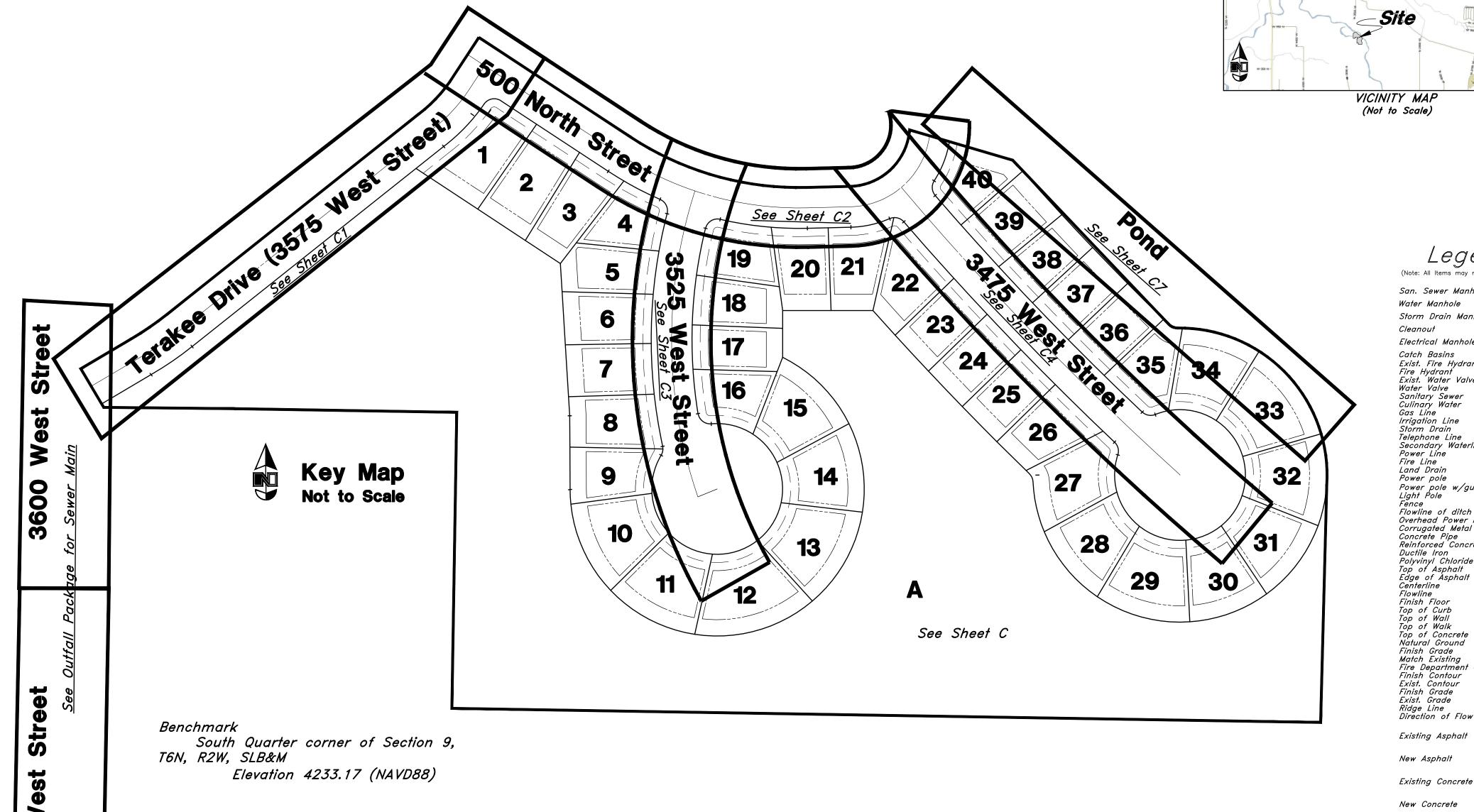
Tarakee Farm® - No. 1

A PRUD Subdivision

A part of Section 9, T6N, R2W, SLB&M, U.S. Survey Weber County, Utah November 2021

1. Secondary water design will be

provided as a separate package.



VICINITY MAP (Not to Scale)

> Legend San. Sewer Manhole Water Manhole Storm Drain Manhole

Cleanout Electrical Manhole Catch Basins Exist. Fire Hydrant Fire Hydrant Exist. Water Valve Water Valve Sanitary Sewer Culinary Water Irrigation Line

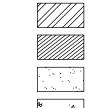
Storm Drain Telephone Line Secondary Waterline Power Line Fire Line Land Drain Power pole Power pole w/guy Light Pole Fence Flowline of ditch

Overhead Power line Corrugated Metal Pipe Concrete Pipe Reinforced Concrete Pipe Ductile Iron Edge of Asphalt Centerline Flowline Finish Floor Top of Curb Top of Walk

Top of Concrete Natural Ground Finish Grade Match_Existing Fire Department Connection FDC Finish Contour Exist. Contour Finish Grade Exist. Grade

Existing Asphalt New Asphalt

Existing Concrete



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95.72TA

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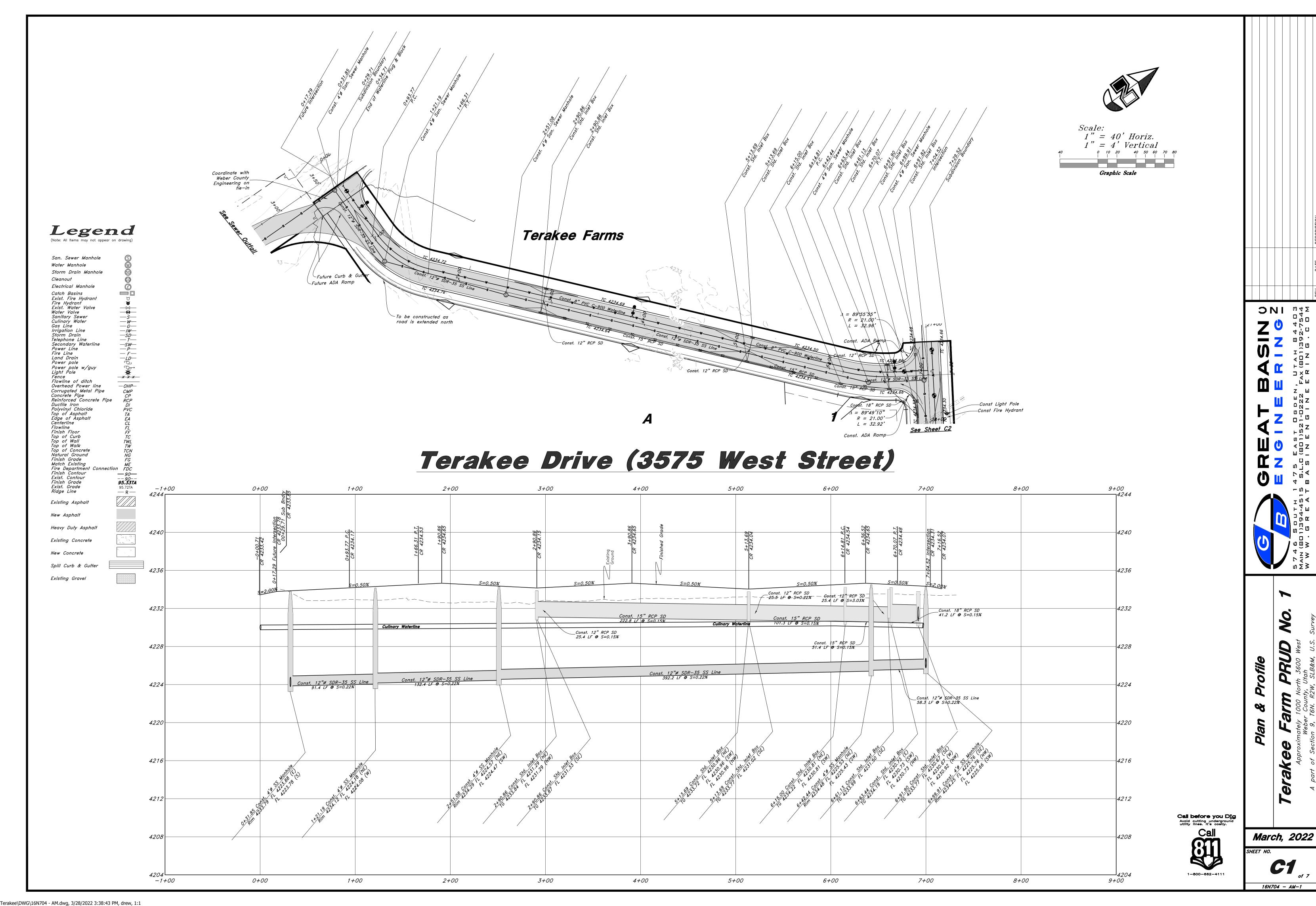
Call before you Dig Avoid cutting underground utility lines. It's costly.

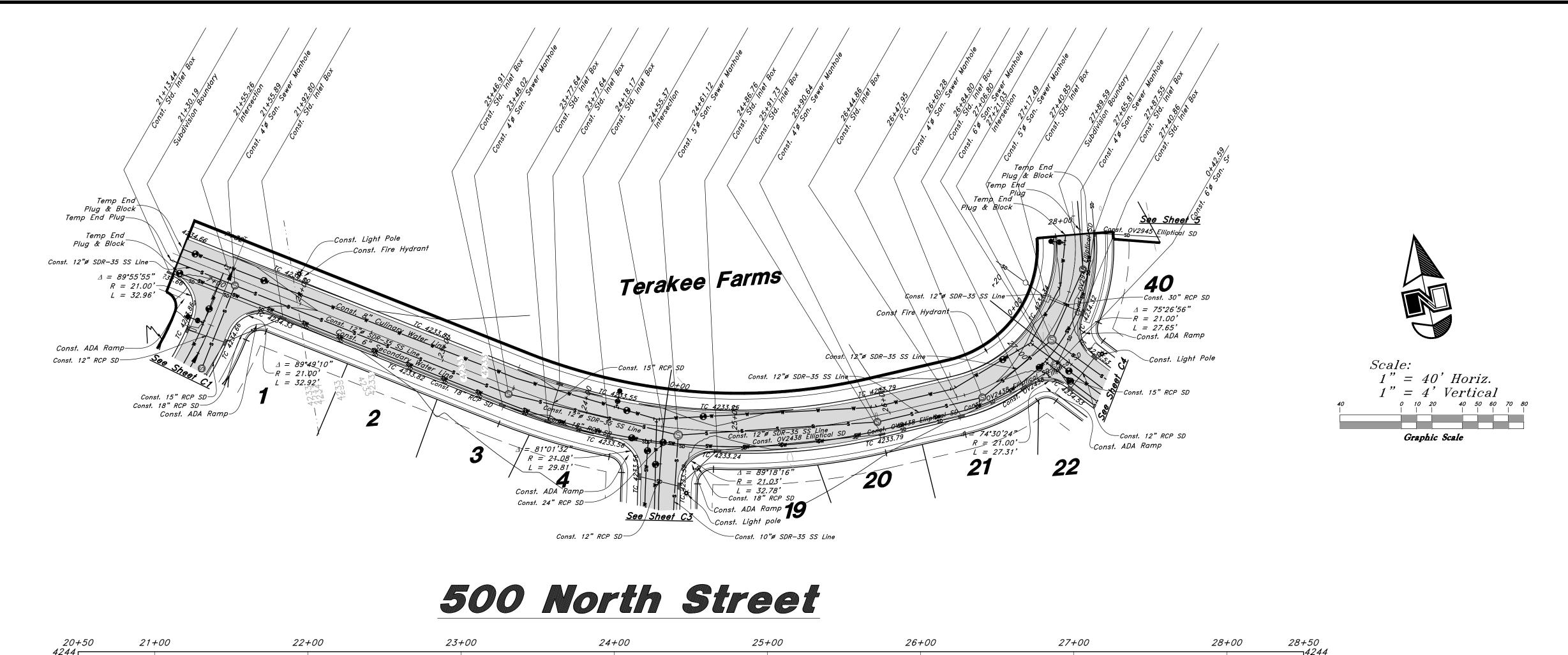


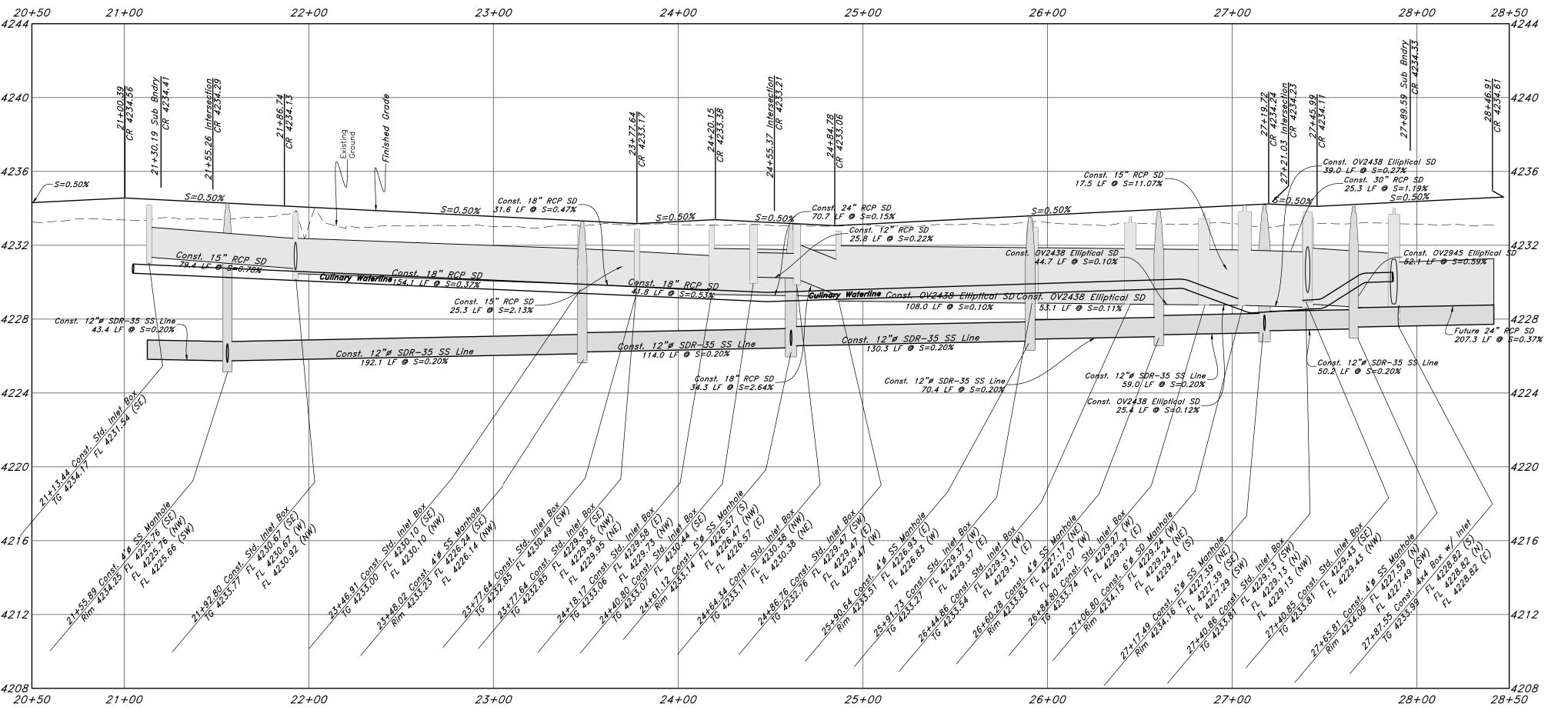
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Call before you Dig

Avoid cutting underground
utility lines. It's costly.

March, 2022 16N704 - AM-1

Legend

Storm Drain Manhole

Electrical 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
Edge of Asphalt
Centerline
Flowline
Finish Floor
Top of Concrete
Natural Ground
Finish Grade
Match Existing
Fire Department Connection
Finish Grade
Match Existing
Fire Department Connection
Finish Grade
Match Existing
Fire Department Connection
Finish Grade
Stists. Grade
Stidge Line

Existing Asphalt

Existing Asphalt

Heavy Duty Asphalt

Existing Concrete

Spill Curb & Gutter

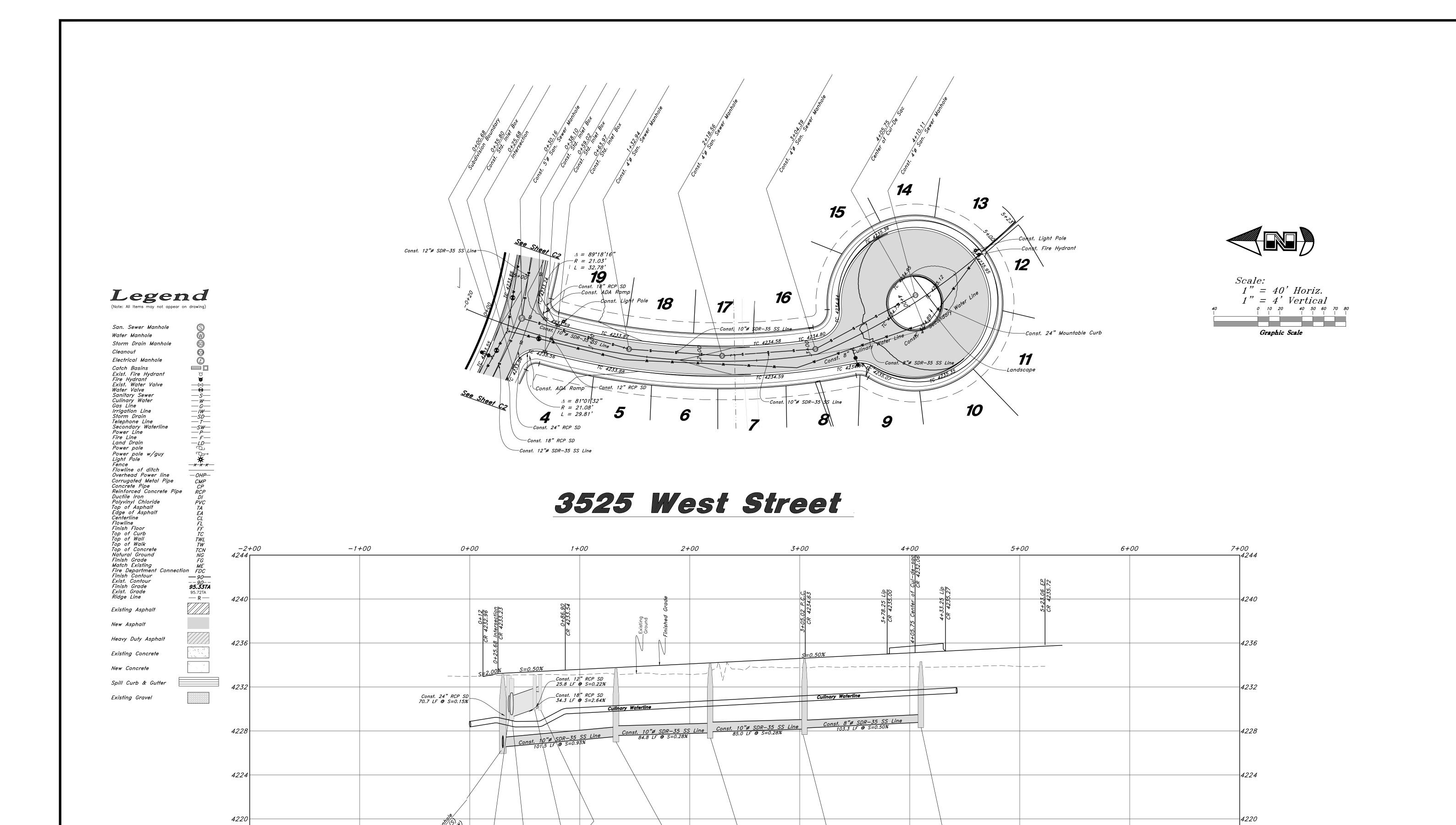
New Concrete

Existing Gravel

New Asphalt

— 90— -- 90--**95.337A** 95.72TA — R—

Cleanout



3+00

4+00

5+00

2+00

1+00

6+00
7+00

Call before you Dig Avoid cutting underground utility lines. It's costly.

Call before you Dig Avoid cutting underground utility lines. It's costly.

March, 2022

SHEET NO.

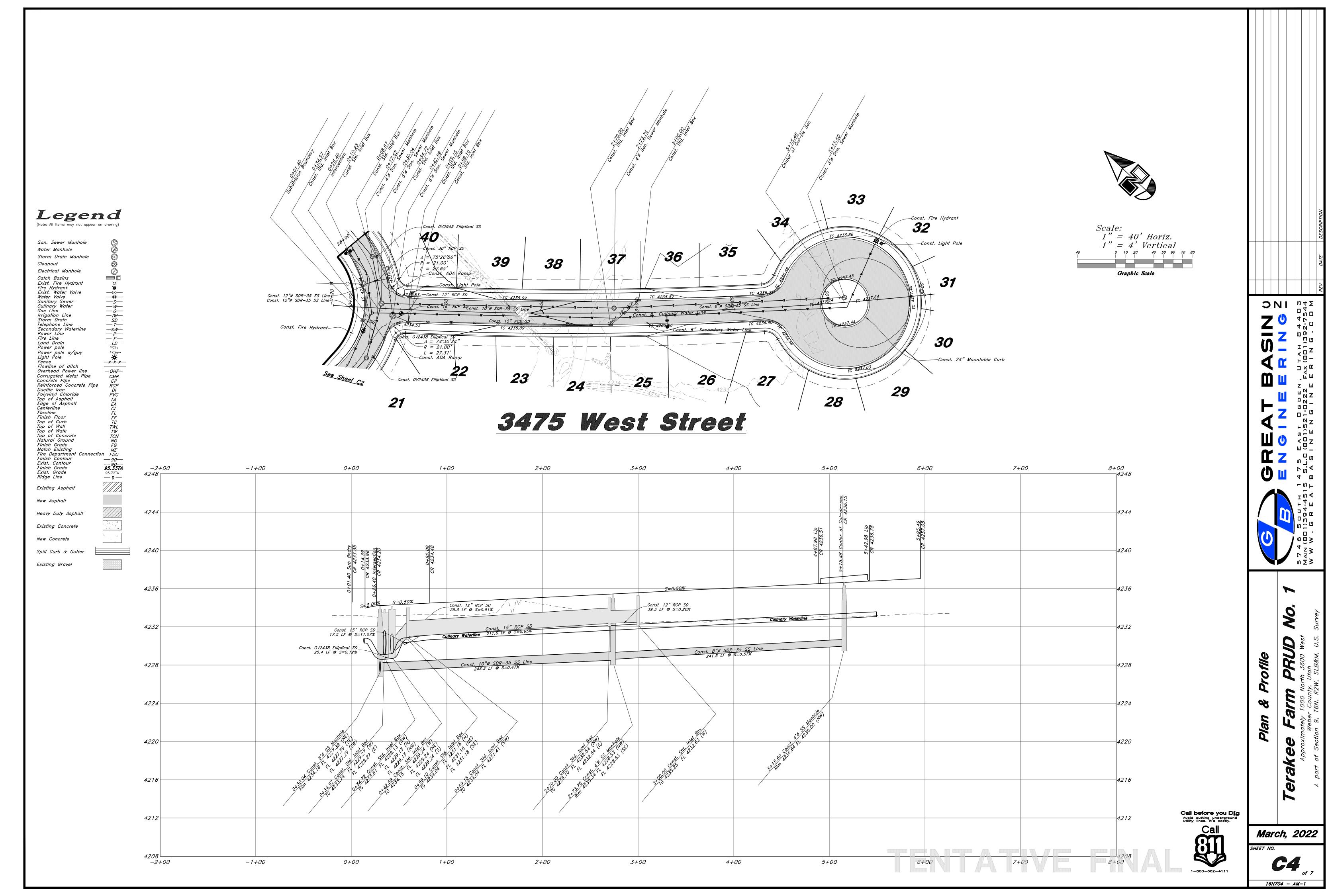
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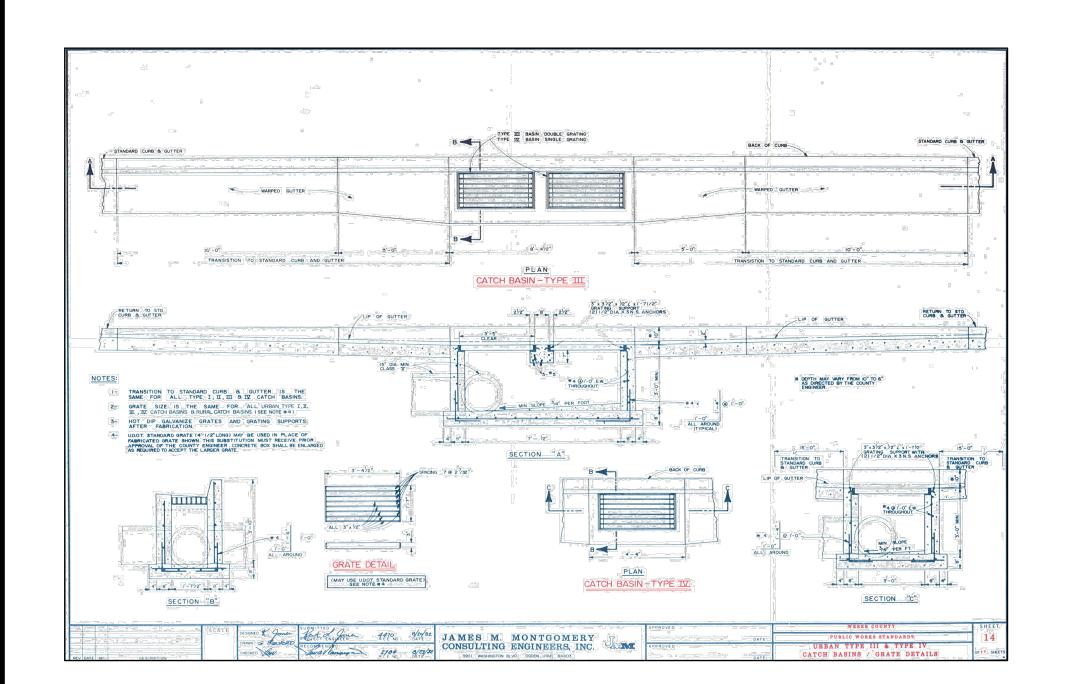
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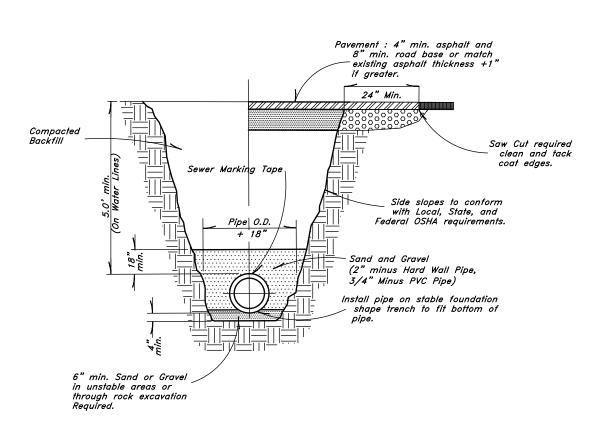
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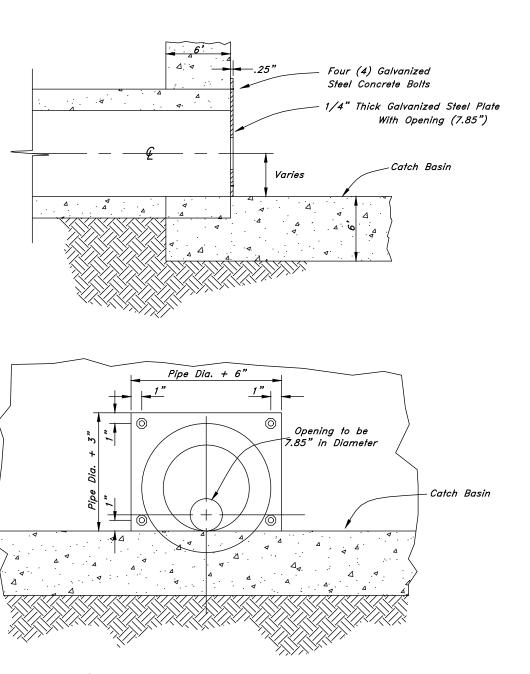
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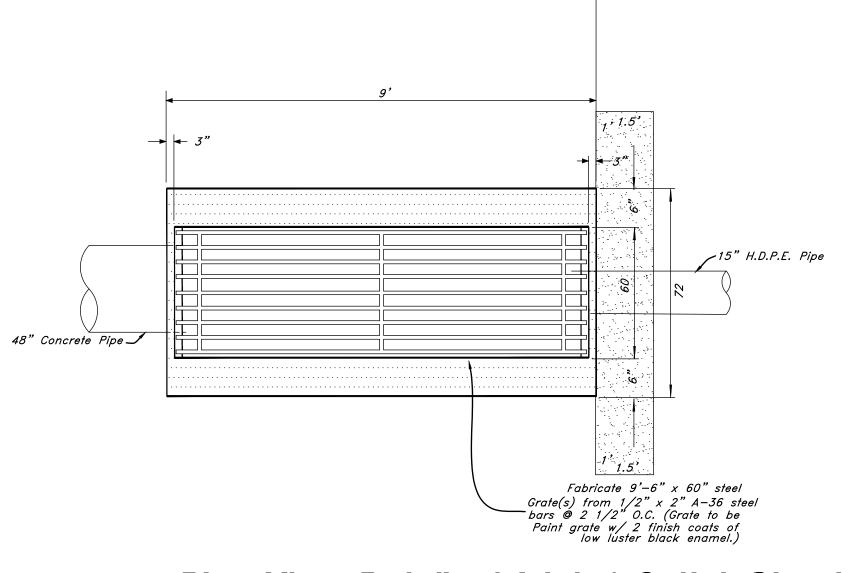




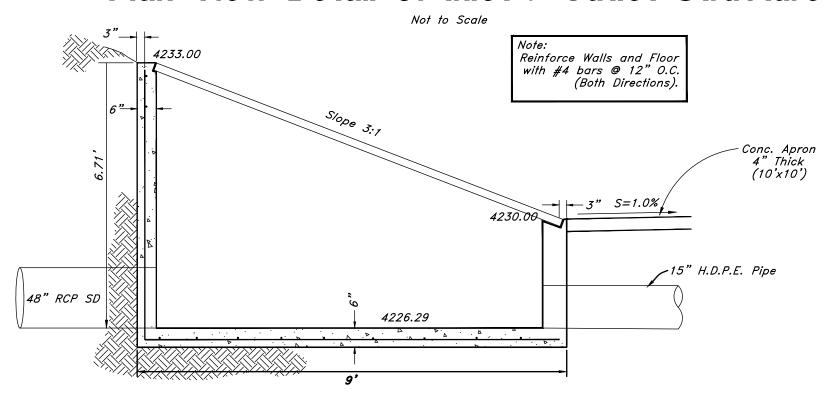
Typical Trench Detail Not to Scale



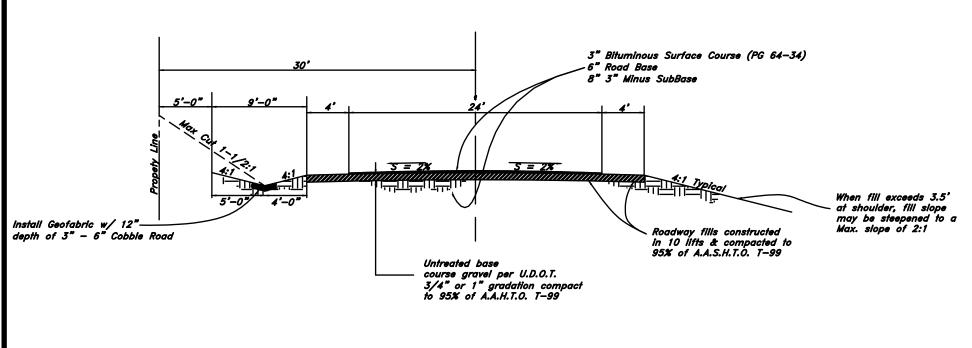
Orifice Plate Detail



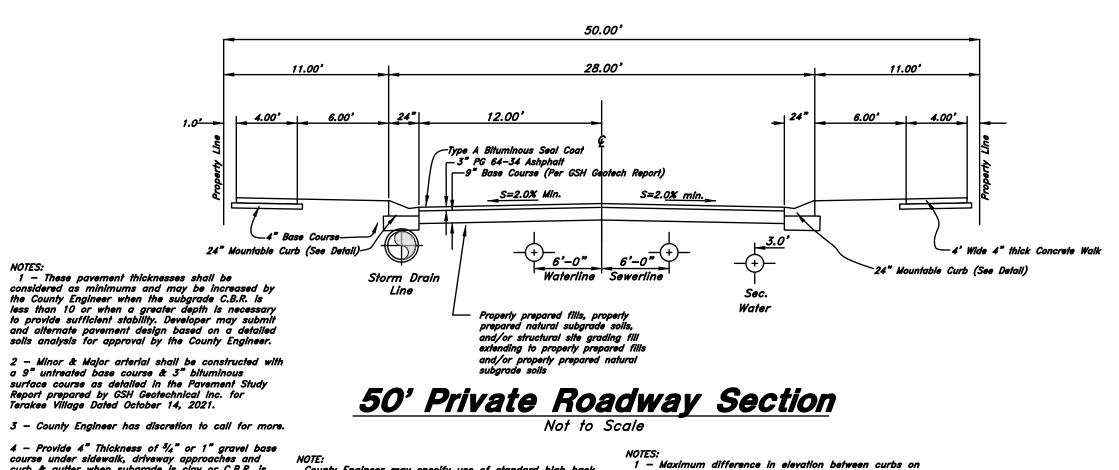
Plan View Detail of Inlet / Outlet Structure

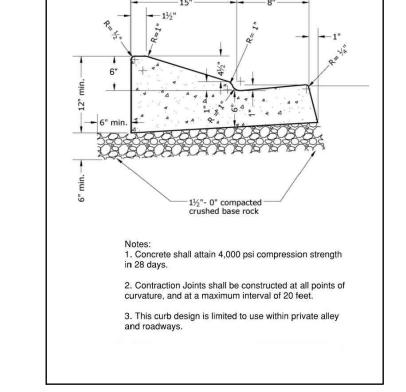


Profile View Detail of East Inlet / Outlet Structure









Call before you Dig

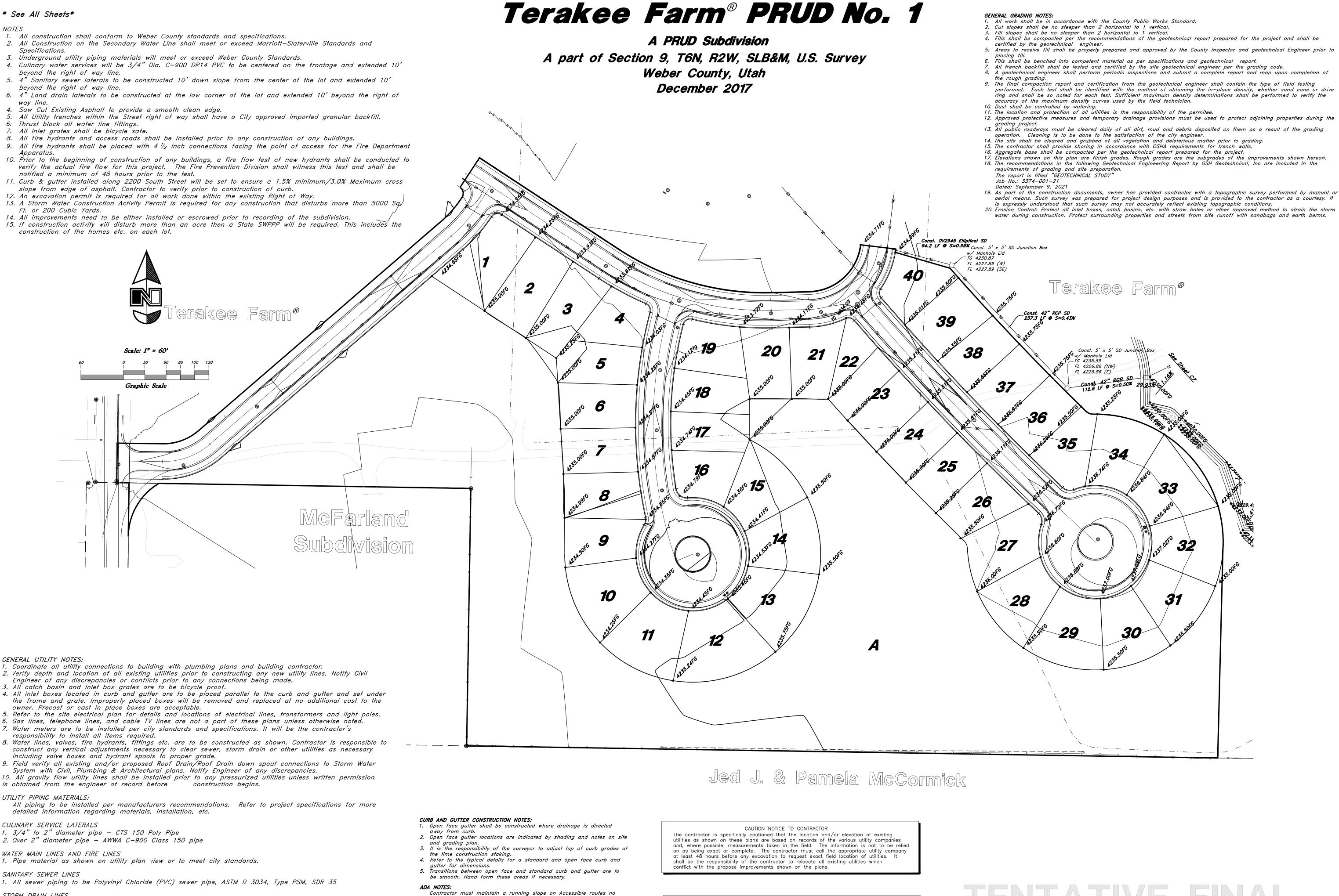
Avoid cutting underground
utility lines. It's costly.

10 Nov, 2021 **C**5

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PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

The Contractor agrees that he shall assume sole and complete responsibility for job site

persons and property: that this requirement shall apply continuously and not be limited to

and the engineer harmless from any and all liability, real or alleged, in connection with

the performance of work on this project, excepting for liability arising from the sole

negligence of the owner or the engineer.

normal working hours; and that the contractor shall defend, indemnify, and hold the owner

conditions during the course of construction of this project, including safety of all

steeper than 5.0% (1:20). The cross slope for Accessible routs must be

clear width of 36". If grades on plans do not meet this requirement

Consultant of any conditions of the project that they believe do not

comply with the current state of the ADA and/or FHAA.

notify Consultants immediately.

no steeper than 2.0% (1:50). All Accessible routes must have a minimum

The Client, Contractor, and Subcontractor should immediately notify the

1. 10" pipes or smaller - Polyvinyl Chloride (PVC) sewer pipe, ASTM D3034, Type PSM, SDR 35

cover, use reinforced concrete pipe and classes listed below.

2. 12" to 21" pipes - Concrete Pipe, ASTM C14, Class III up to 13' of cover. For greater than 13' feet of

3. 24" pipes or larger — Reinforced Concrete Pipe, ASTM C76, Class III up to 13' of cover, Class IV for 13'

to 21' of cover, Class V for 21' to 32' of cover, and Special Design for cover greater than 32 feet.

TENTATIVE FINAL

10 Nov, 2021

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