VICINITY MAP Not to Scale

Smart Fields

A part of the Southwest Quarter of Section 21, T6N , R2W, SLB&M, U.S. Survey 1400 South Street Weber County, Utah October 2021

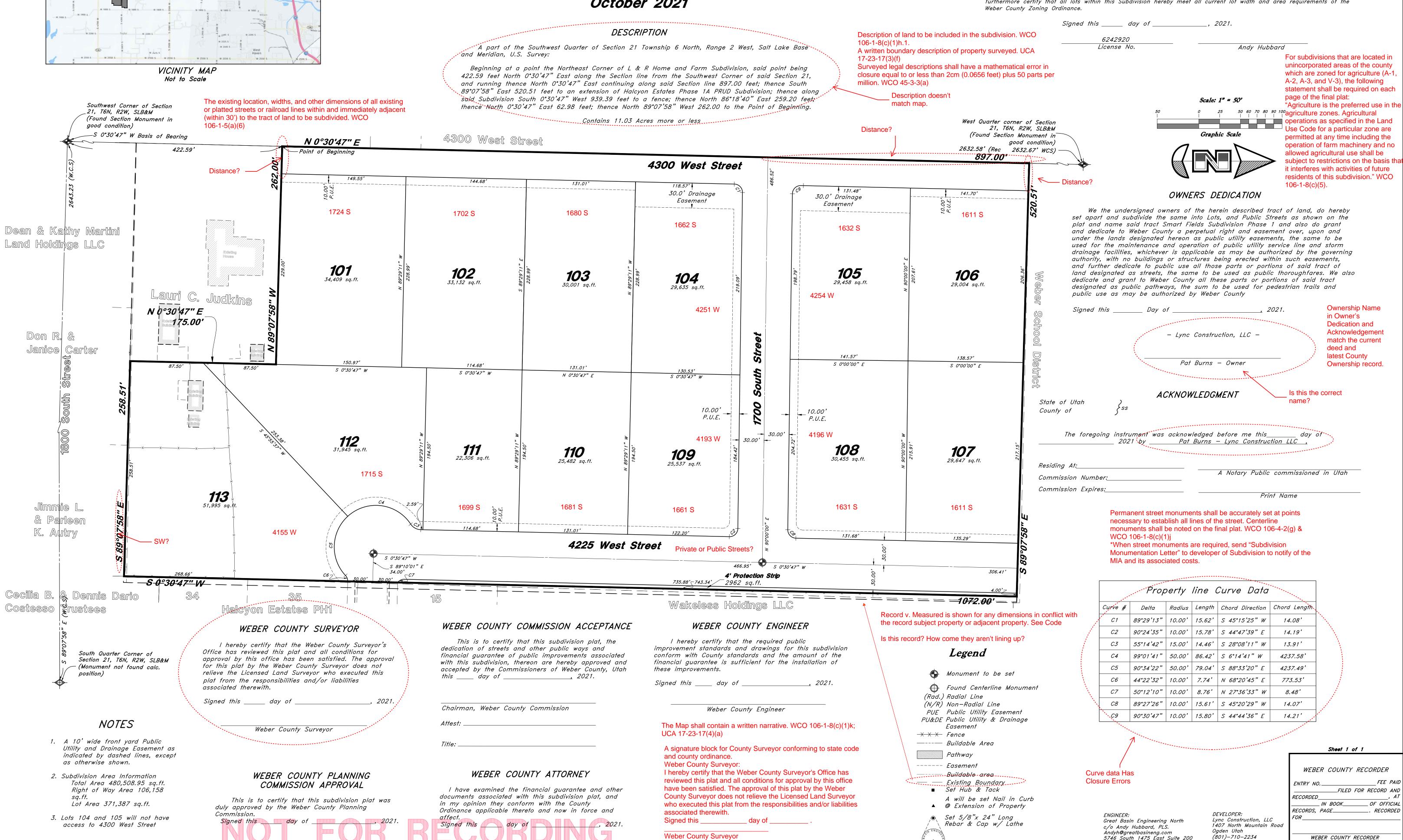
SURVEYOR'S CERTIFICATE

I, Andy Hubbard, do hereby certify that I am a Professional Land Surveyor in the State of Utah, and that I hold License No. 6242920 in accordance with Title 58, Chapter 22, of the Professional Engineers and Land Surveyors Licensing Act. I also certify that I have completed a survey of the property described hereon In accordance with Section 17-23-17 and that I have verified all measurements shown hereon this plat of Smart Fields Subdivision Phase 1 in Weber County, Utah and that it 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. Monuments have been found or placed as represented on this plat. I furthermore certify that all lots within this Subdivision hereby meet all current lot width and area requirements of the

Ogden, Utah 84405

DEPUTY

(801) 394-4515



Record of Survey #_

WCO 106-1-8(c)(1)h.10; WCO 45-4-2(c)

Weber County Attorney

Chairman, Weber County Planning Comission

* See All Sheets*

- All construction shall conform to Weber County standards and specifications. 2. Underground utility piping materials will meet or exceed Weber County
- 3. Culinary water services will be 1" CTS SDR9 HDPE to be centered on the frontage and extended 10' beyond the right of way line.
- 4. 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.
- 5. All Utility trenches within the Street right of way shall have a County
- 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 of any buildings. 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 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
- 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
- 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
- 16. Roadways and signage shall comply with appendix D of the 2015
- International Fire Code as adopted by Weber Fire District. 17. Construct ADA Ramps with Truncated Domes with detectable warning systems
- cast in place, gray in color per APWA Plan 235.1. 18. All culinary water facilities shall meet the requirements of the Taylor-West Weber Water Improvement District. Standard Details and Construction Specifications are available upon request to Taylorwestweberwater@msn.com or 801-731-1668. The District shall be notified at least 24 hours prior to and preconstruction meeting or construction activity.
- 19. Where water (main or lateral) is less that 18" above sewer (main or lateral) at the point of crossing, provide SDR11 18' long HDPE sleeve with casing spacers and end seals centered at the point of crossing though which the smaller of the two utilities will be installed

- 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 water district standards and specifications. It will be the contractor's responsibility to install all items
- 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, installation, etc.

CULINARY SERVICE LATERALS

1. 1" to 2" diameter pipe — AWWA C901 HDPE CTS SDR9

2. Over 2" diameter pipe - AWWA C-900 DR18 pipe

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

1. All sewer piping to be Polyvinyl Chloride (PVC) sewer pipe, ASTM D 3034, Type PSM, SDR[']35

STORM DRAIN LINES

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

- PSM, SDR 35 2. 12" to 21" pipes — Reinforced Concrete Pipe, ASTM C14, Class III up to 13' of cover. For greater than 13' feet of cover, use reinforced concrete pipe and classes listed below.
- 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.

Smart Fields Phase 1

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Legend

- IW-- SD-- T-- SW-- P-- F-- LD-

*

--90--95.33TA

95.72TA

— R —

San. Sewer Manhole

Storm Drain Manhole

Electrical Manhole

Exist. Fire Hydrant

Water Manhole

Cleanout

Catch Basins

Fire Hydrant Exist. Water Valve

Sanitary Sewer Culinary Water

Telephone Line

Power Line Fire Line Land Drain Power pole

Secondary Waterline

Power pole w/guy Light Pole

Flowline of ditch

Polyvinyl Chloride

Edge of Asphalt

Ductile Iron

Finish Floor

Top of Wall

Top of Walk

Natural Ground

Match Existing

Fire Department Finish Contour Exist. Contour Finish Grade Exist. Grade

Direction of Flow

Existing Asphalt

Existing Concrete

New Concrete

New Asphalt

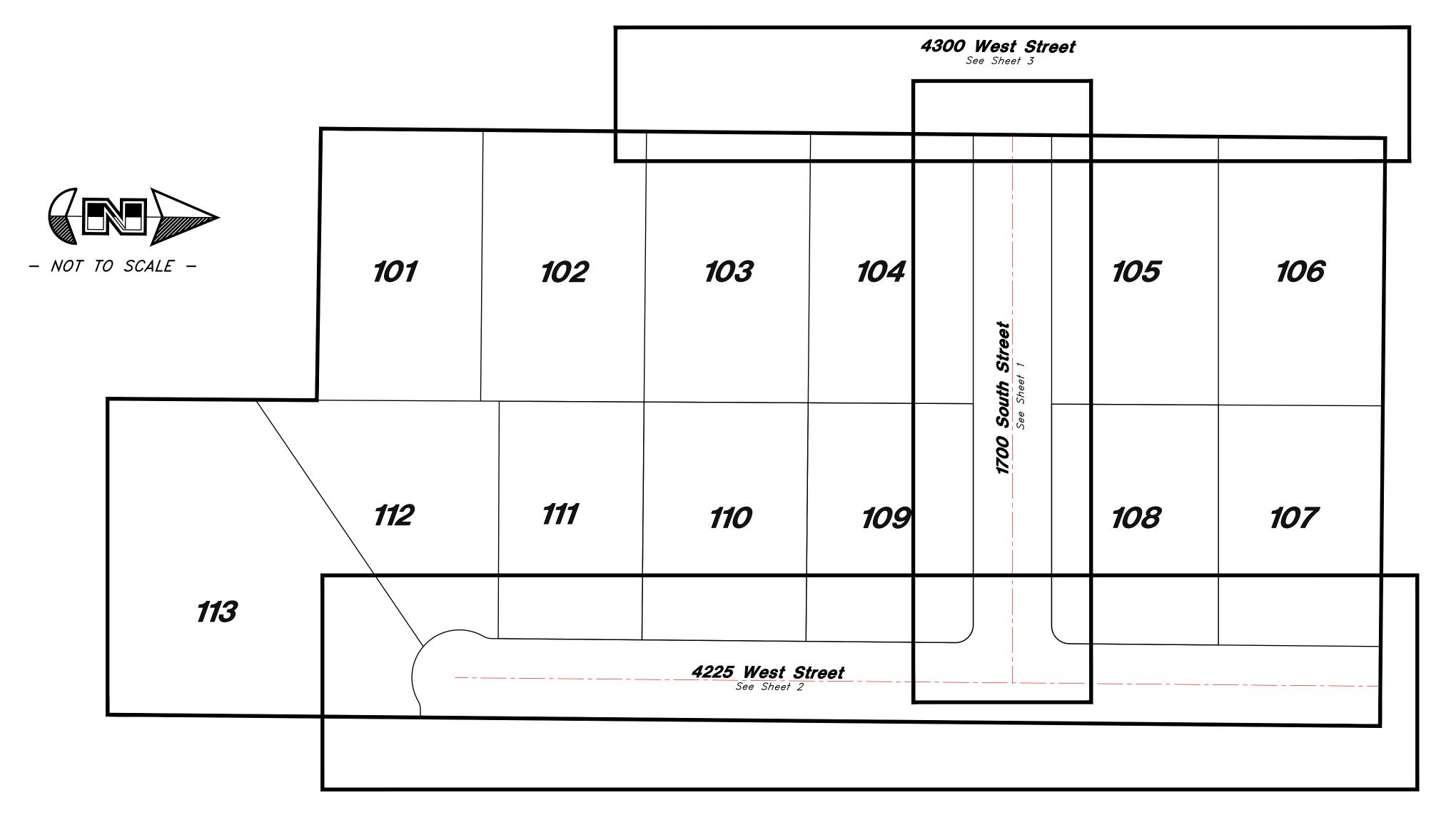
Ridge Line

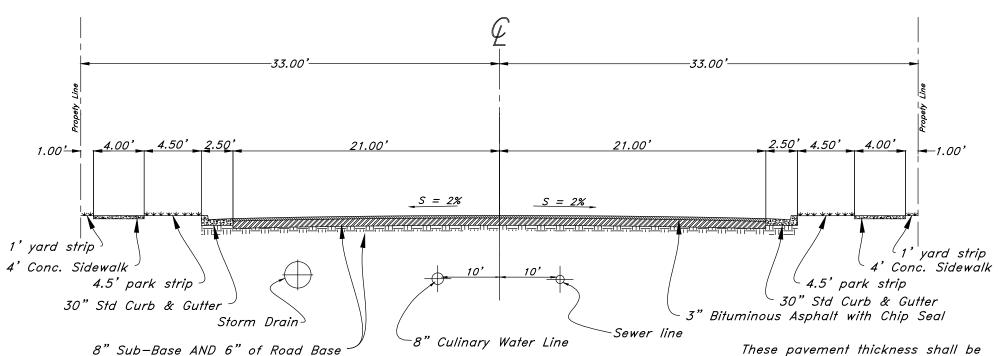
Overhead Power line

Corrugated Metal Pipe Concrete Pipe

Reinforced Concrete Pipe

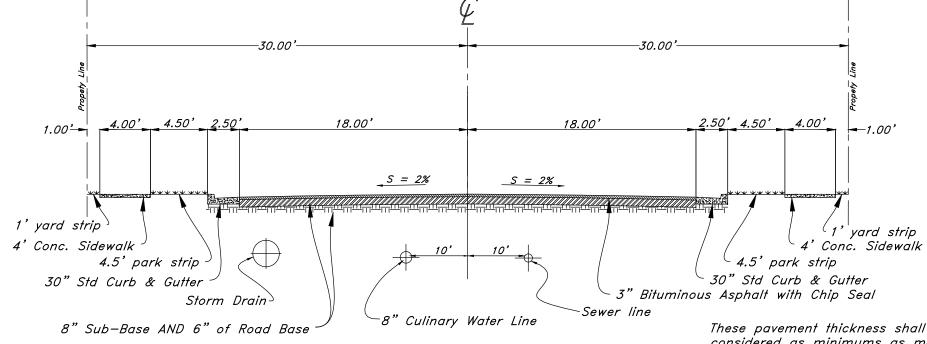
Water Valve





4300 West Roadway Section

considered as minimums as may be increased by the County Engineer when the subgrade C.B.R. is less than 10 or when a greater depth is necessary to provide sufficient suability. Developer may submit and alternative pavement design based on a soils analysis for approval by the County Engineer. Compaction test on both sub-base and base courses will be required.



Standard Rural Roadway Section

NOT FOR CONSTRUCTION

These pavement thickness shall be considered as minimums as may be increased by the County Engineer when the subgrade C.B.R. is less than 10 or when a greater depth is necessary to provide sufficient suability. Developer may submit and alternative pavement design based on a soils analysis for approval by the County Engineer. Compaction test on both sub-base and base courses will be required.



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

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.

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.

October, 2021

Profile

and

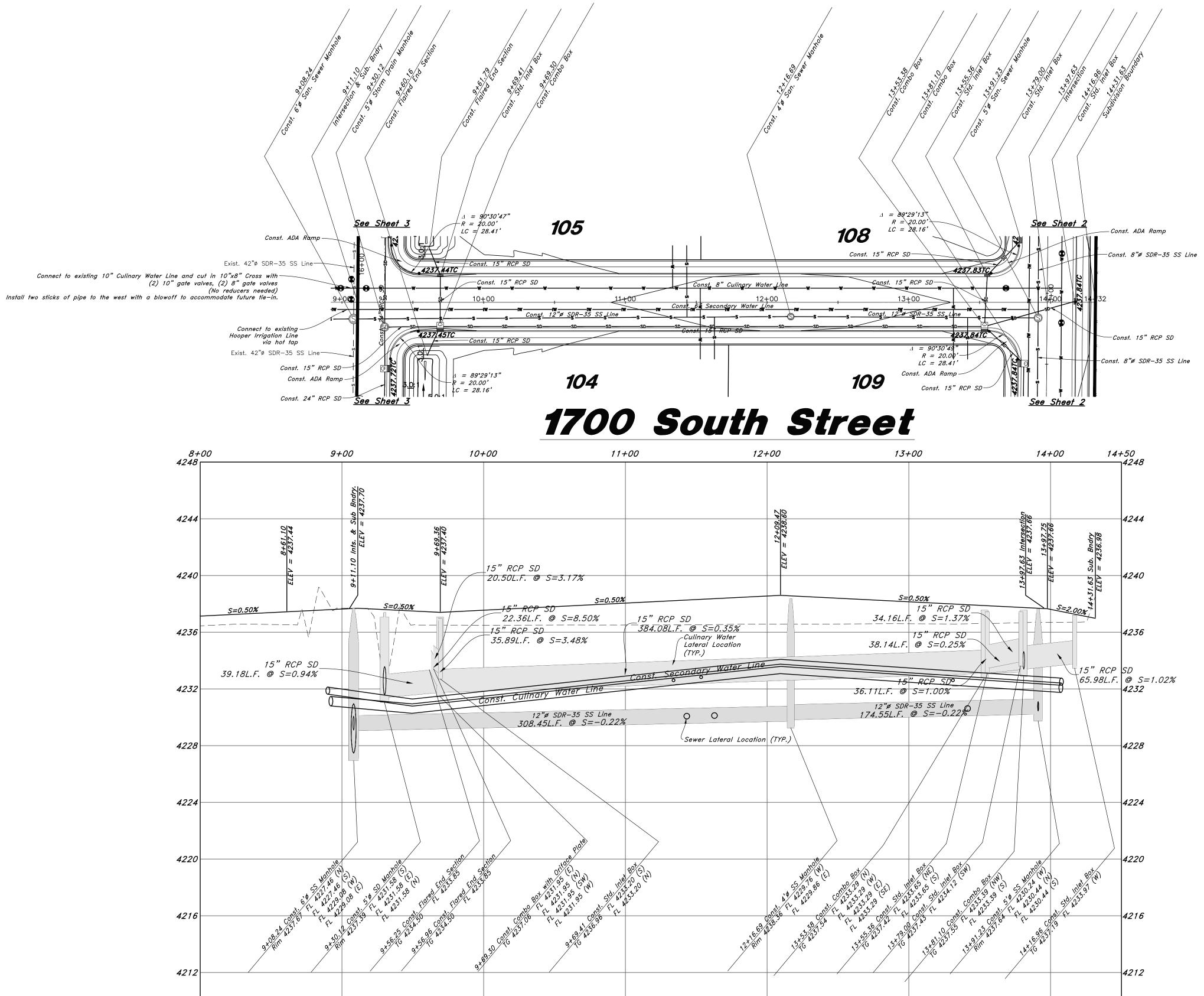
Plan



4208 | 8+00

9+00

10+00



11+00

12+00

13+00

Legend
(Note: All Items may not appear on drawing)

San. Sewer Manhole Water Manhole Storm Drain Manhole Electrical Manhole Catch Basins Exist. Fire Hydrant

Ganilary water
Gas Line
Irrigation Line
Storm Drain
Telephone Line
Secondary Waterline
Power 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

TCH NG —90— --90--**95.33TA** *95.72TA*

— R —

Top of Curb Top of Wall Top of Walk
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

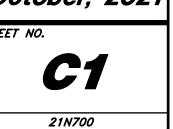
Open Face Curb & Gutter

3 ΝΙ ω4Σ



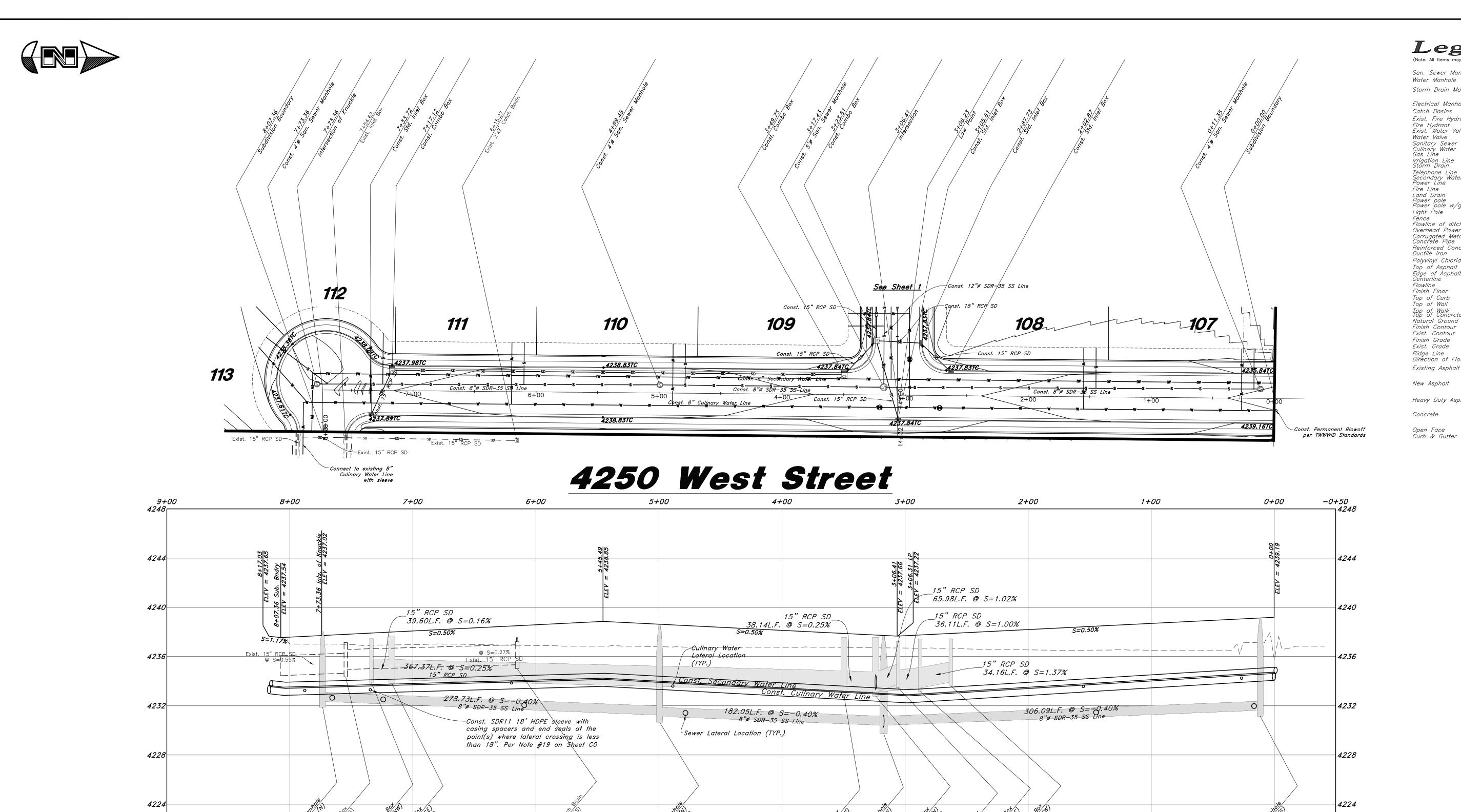
October, 2021

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NOT FOR CONSTRUCTION

14+00



4220

4216

4212^L 9+00

8+00

7+00

6+00

5+00

4+00

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 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 Curb Top of Wall TWL TCN NG —90— -90-- **95.33TA** *95.72TA* Top of Walk
Top of Walk
Top of Concrete
Natural Ground
Finish Contour
Exist. Contour
Finish Grade
Exist. Grade Ridge Line Direction of Flow — R — Existing Asphalt New Asphalt Heavy Duty Asphalt

QRE1 4 7 5 E A S 1 N (801) 394-4515 S.L.C (801) 8 A S 1 N E

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art Fields

10 South 4300 West Street

17. Weber County, Utah

Plan and Pro

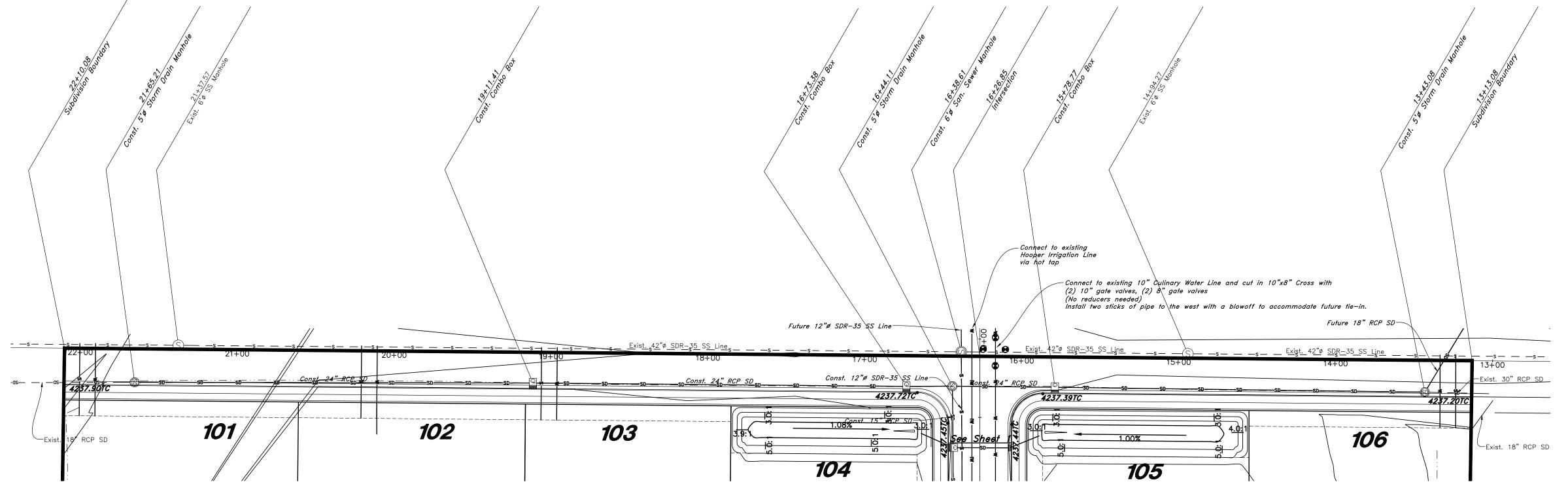
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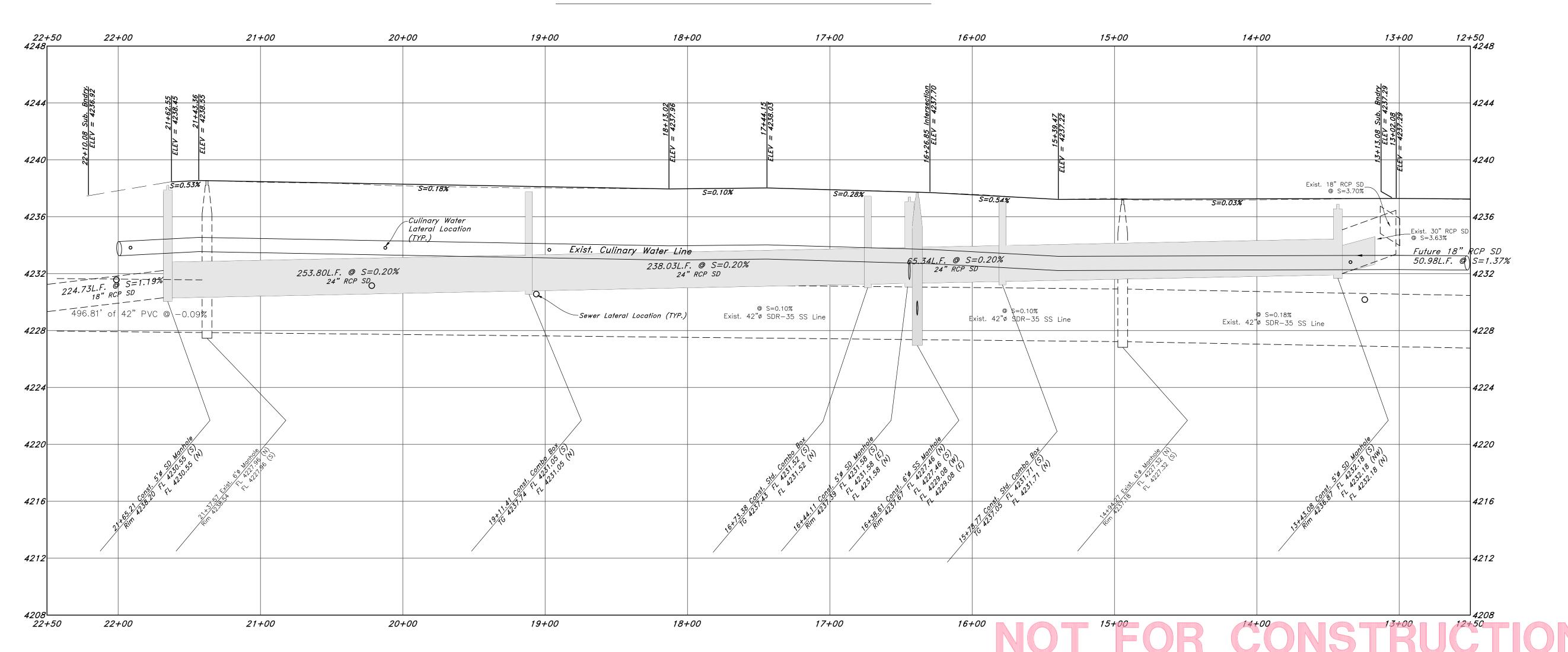
October, 2021







4300 West Street



Legend

San. Sewer Manhole Water Manhole Storm Drain Manhole Electrical Manhole Catch Basins Exist. Fire Hydrant Fire Hydrant Exist. Water Valve Sanitary Sewer Culinary Water Gas Line

PVC

TCN NG —90— --90--**95.33TA**

95.72TA

— R —

Cuinary water
Gas Line
Irrigation Line
Storm Drain
Telephone Line
Secondary Waterline
Power Line
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Top of Asphalt
Edge of Asphalt
Centerline
Flowline
Finish Floor
Top of Curb

Top of Curb Top of Wall

Top of Walk
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

Open Face Curb & Gutter

Concrete

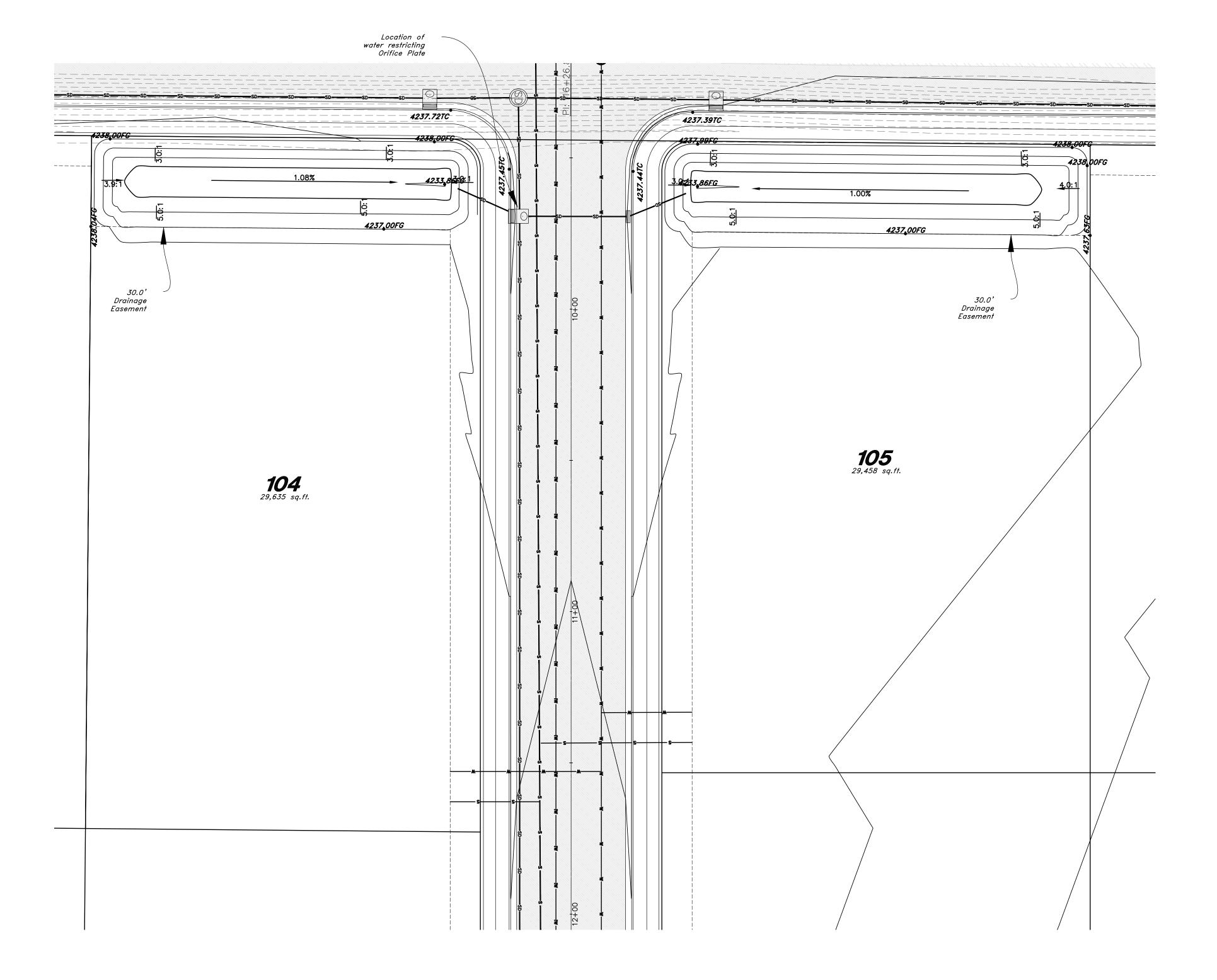
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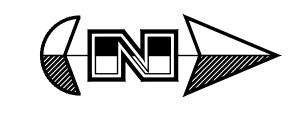
October, 2021

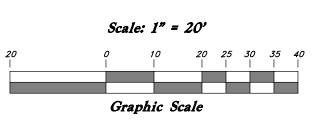
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Detention Pond Exhibit for Smart Fields







NOT FOR CONSTRUCTION

ENGINEER:
Great Basin Engineering North
c/o Andy Hubbard, PLS.
Andyh@greatbasineng.com
5746 South 1475 East Suite 200
Ogden, Utah 84405
(801) 394-4515

DEVELOPER: Lync Construction, LLC 1407 North Mountain Road Ogden Utah (801)-710-2234

POND NOTES:

1. Pond Designed to accommodate the 100yr storm.

2. Detention Pond Volume Required: 7,351 cf

3. Detention Pond Volume Provided: 8,100 cf

4. Excess Volume: 749 cf

5. Top of water elevation: 4236.80

6. Free board: 1.0'

10. Orifice in Orifice Plate to be 5.5" in Diameter, located on western outfall pipe of combo box 11. Pond slope to start 2' from edge of sidewalk.

NOTES:

7. Maximum Pond Depth: 4.15' 8. Pond Side slopes not to exceed 3:1 9. Pond Sides to be landscaped.

1. No access to Lot 104 & 105 from 4300 W.

Sep 10, 2021

Pond

C4