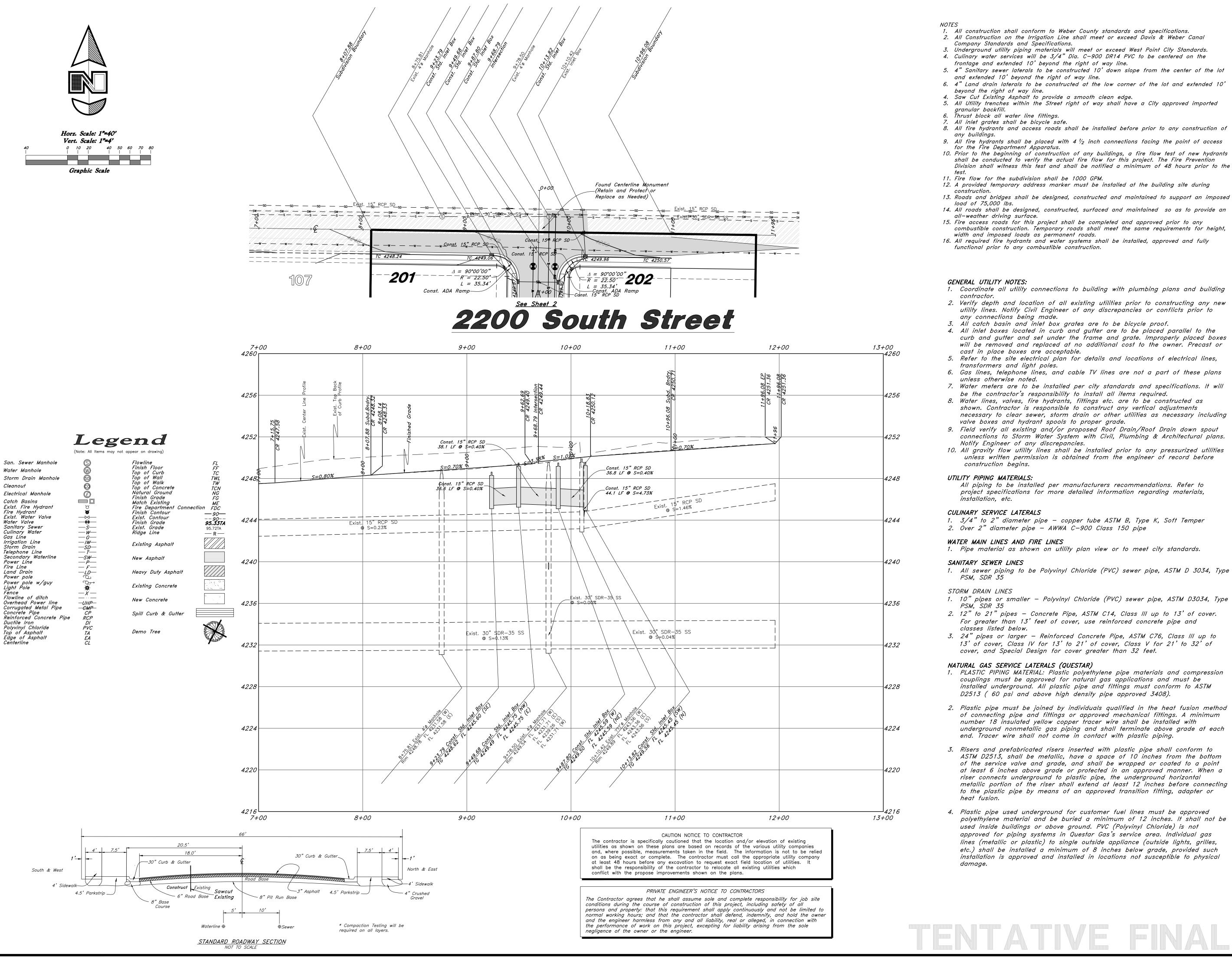


02N302 - Favero Legacy Subdivision - Phase 1



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Avoid cutting underground utility lines. It's costly.

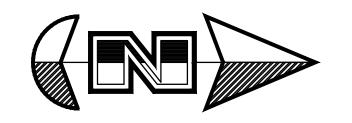
25 Jan, 2019

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Profile

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Horz. Scale: 1"=40' Vert. Scale: 1"=4" Graphic Scale

Cleanout

Power Line

Fire Line

Land Drain

Light Þole

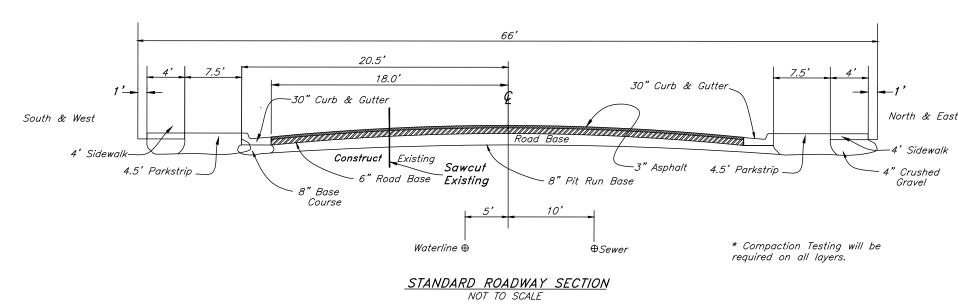
Legend

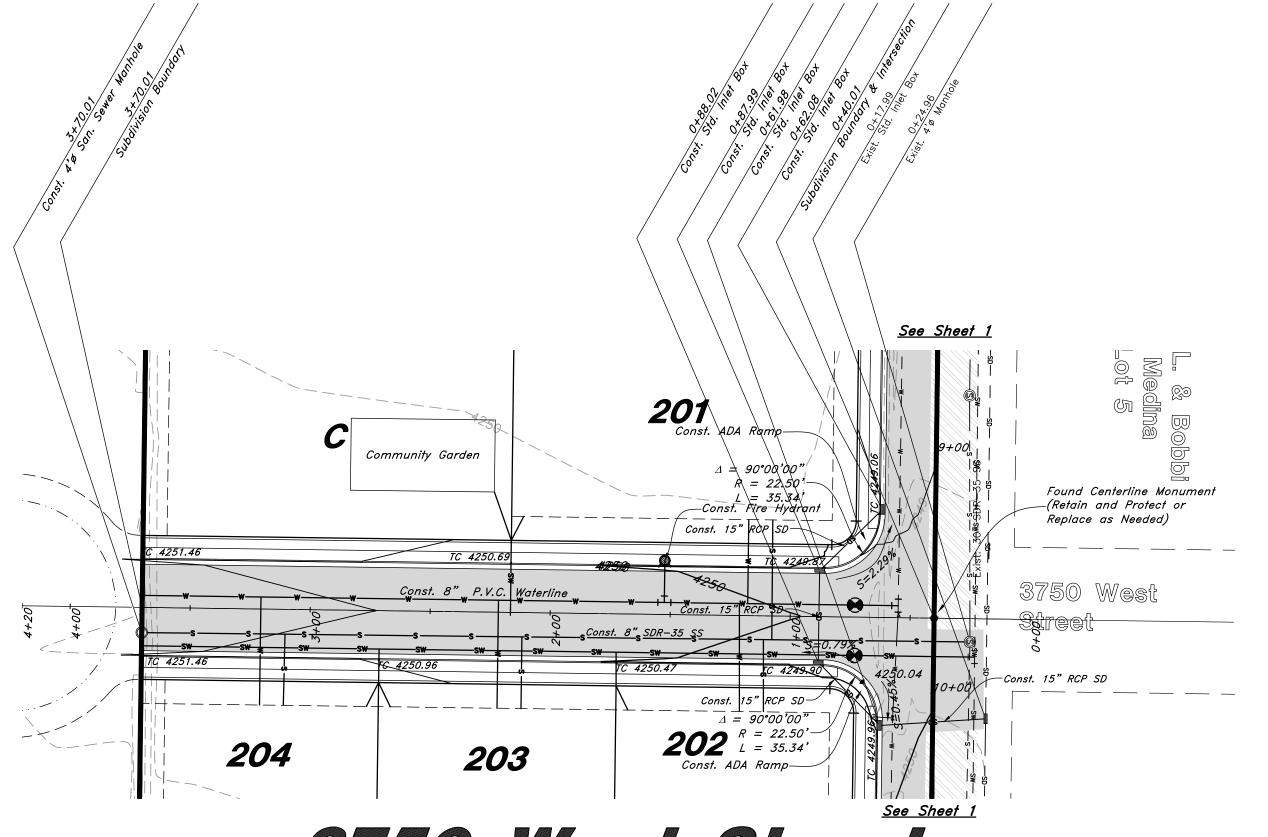
San. Sewer Manhole Finish Floor Water Manhole Top of Curb Top of Wall Storm Drain Manhole Top of Walk Top of Concrete Natural Ground Electrical Manhole Finish Grade Catch Basins Match Existing Exist. Fire Hydrant Fire Department Fire Hydrant Finish Contour --- 90--- Exist. Water Valve Exist. Contour --90--**95.33TA** Water Valve Finish Grade Sanitary Sewer Exist. Grade Culinary Water Ridge Line — R — Irrigation Line Existing Asphalt Storm Drain Telephone Line —SW— — P— — F— Secondarv Waterline New Asphalt —*LD*— Heavy Duty Asphalt Power pole Power pole w/guy Existing Concrete Flowline of ditch New Concrete Overhead Power line Corrugated Metal Pipe Concrete Pipe Spill Curb & Gutter Reinforced Concrete Pipe Ductile Iron Polyvinyl Chloride Demo Tree Top of Asphalt Edge of Asphalt

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.

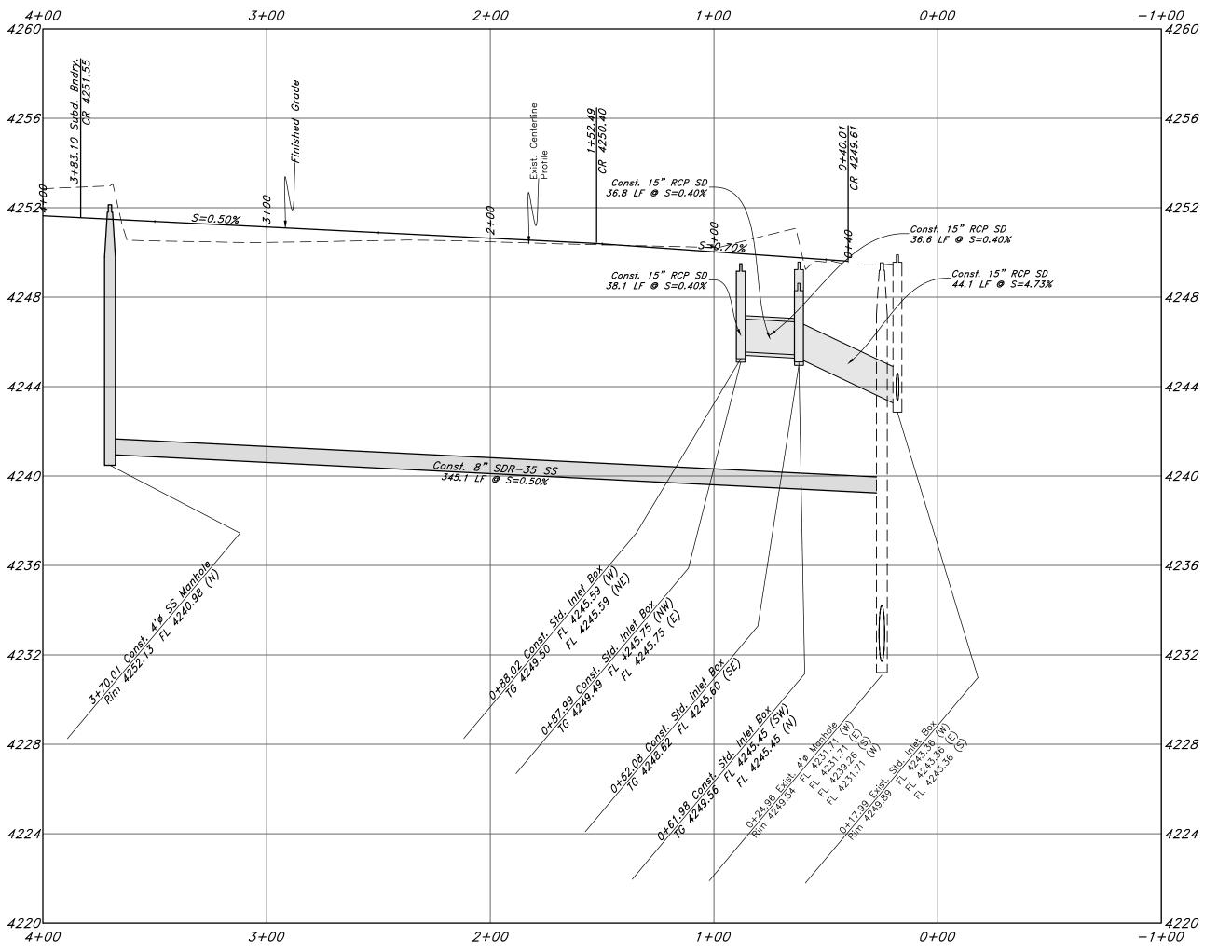
PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

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.





3750 West Street



- 1. All construction shall conform to Weber County standards and specifications. 2. All Construction on the Irrigation Line shall meet or exceed Davis & Weber Canal
- Company Standards and Specifications. 3. Underground utility piping materials will meet or exceed West Point City Standards.
- 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
- 6. Thrust block all water line fittings.

granular backfill.

- 7. All inlet grates shall be bicycle safe. 8. All fire hydrants and access roads shall be installed before prior to any construction of
- 9. All fire hydrants shall be placed with 4 $rac{1}{2}$ 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
- 11. Fire flow for the subdivision shall be 1000 GPM.
- 12. A provided temporary address marker must be installed at the building site during construction.
- 13. Roads and bridges shall be designed, constructed and maintained to support an imposed load of 75,000 lbs.
- 14. All roads shall be designed, constructed, surfaced and maintained so as to provide an all-weather driving surface.
- 15. Fire access roads for this project shall be completed and approved prior to any combustible construction. Temporary roads shall meet the same requirements for height,
- width and imposed loads as permanent roads. 16. All required fire hydrants and water systems shall be installed, approved and fully functional prior to any combustible construction.

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.
- 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
- 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.

valve boxes and hydrant spools to proper grade.

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

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

- 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 listed below.
- 4244 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.

NATURAL GAS SERVICE LATERALS (QUESTAR)

PLASTIC PIPING MATERIAL: Plastic polyethylene pipe materials and compression couplings must be approved for natural gas applications and must be installed underground. All plastic pipe and fittings must conform to ASTM D2513 (60 psi and above high density pipe approved 3408).

- 2. Plastic pipe must be joined by individuals qualified in the heat fusion method of connecting pipe and fittings or approved mechanical fittings. A minimum number 18 insulated yellow copper tracer wire shall be installed with underground nonmetallic gas piping and shall terminate above grade at each end. Tracer wire shall not come in contact with plastic piping.
- Plastic pipe used underground for customer fuel lines must be approved used inside buildings or above ground. PVC (Polyvinyl Chloride) is not approved for piping systems in Questar Gas's service area. Individual gas lines (metallic or plastic) to single outside appliance (outside lights, grilles, etc.) shall be installed a minimum of 8 inches below grade, provided such installation is approved and installed in locations not susceptible to physical damage.

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

25 Jan, 2019

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and Risers and prefabricated risers inserted with plastic pipe shall conform to ASTM D2513, shall be metallic, have a space of 10 inches from the bottom of the service valve and grade, and shall be wrapped or coated to a point at least 6 inches above grade or protected in an approved manner. When a Plan riser connects underground to plastic pipe, the underground horizontal metallic portion of the riser shall extend at least 12 inches before connecting to the plastic pipe by means of an approved transition fitting, adapter or heat fusion. polyethylene material and be buried a minimum of 12 inches. It shall not be

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Legend San. Sewer Manhole Finish Floor Water Manhole Top of Curb Top of Wall Storm Drain Manhole Cleanout Top of Concrete Electrical Manhole Finish Grade Catch Basins Match Existing Exist. Fire Hydrant Fire Department Connection FDC Finish Contour — 90-Fire Hydrant Exist. Water Valve Exist. Contour --90--**95.33TA** Finish Grade Sanitary Sewer Exist. Grade 95.72TA —— **R** —— Culinary Water Ridge Line Gas Line Irrigation Line —/W— —SD— — T— Existing Asphalt Storm Drain Telephone Line —\$W— — P— Secondary Waterline New Asphalt Fire Line Land Drain Heavy Duty Asphalt Power pole Power pole w/guy Existing Concrete Light Pole Flowline of ditch New Concrete -UHP--CMP-CP RCP Overhead Power line Corrugated Metal Pipe Concrete Pipe Spill Curb & Gutter Reinforced Concrete Pipe

Open Space: C

South & West

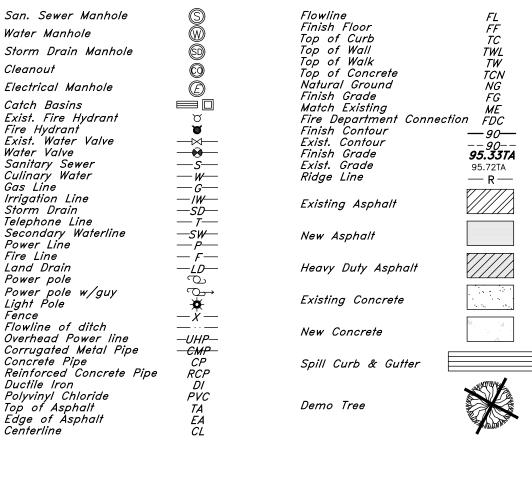
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– 6" Road Base Existing

 $Waterline \oplus$

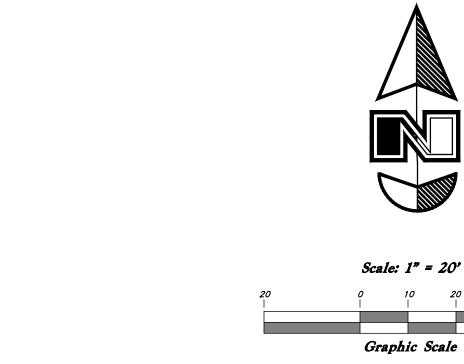
STANDARD ROADWAY SECTION

─ 8" Pit Run Base



R44.00'

* Compaction Testing will be



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TEMPORARY TURNAROUND NOTES

- 1. Construct Temporary Turning Area with 8" Depth of Road Base
- 2. Drainage Ditch (Direction of Drainage to be approved by the
- 3. Slope of Temporary Turnaround Easement to drain at a minimum

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