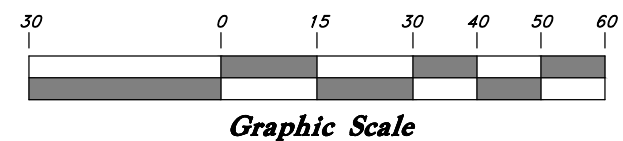


Scale: 1" = 30'



Graphic Scale

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



1-800-882-4111

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KIMBERLY-CLARK
2021 HILO EXPANSION

2010 RULON WHITE BOULEVARD, OGDEN UT 84004

Date Revision
NOT FOR CONSTRUCTION

NEXUS PROJECT #: 21058
CHECKED BY: PCA
DRAWN BY: SDW
DATE: 08-19-21

UTILITY PLAN

C301

LEGEND

—C— Centerline	TA Top of Asphalt	C.M.P. Corrugated Metal Pipe
---UGT--- Buried Telephone line	EA Edge of Asphalt	R.C.P. Reinforced Concrete Pipe
---OHT--- Overhead Telephone line	NG Natural Ground	CCNC Edge of Concrete
---OHP--- Overhead Power line	LG Lip of Gutter	R.WALL Retaining Wall
---UGP--- Power line	SP Service Pole	SMH Sewer Manhole
---S--- Sanitary Sewer line	LP Light Pole	WV Water Valve
---W--- Culinary Water line	PP Power Pole	CB Catch Basin
---G--- Gas line	TP Telephone Pole	DV Diversion Box
---SD--- Storm Drain line	FH Fire Hydrant	TC Top of Curb
---SW--- Secondary Waterline	DIT Flowline of Ditch	SW Sidewalk
---LD--- Land Drain line	TOE Top of Slope	GAS Gas line Marker
---IW--- Irrigation Waterline	TOP Top of Slope	GUY Guy Wire
-X-X-X- Fence	CO Cleanout	BLDG Building Corner
⊙ Power Pole	NG Natural Ground	FC Fire Hydrant
⊙ Post	DMH Drain Manhole	⊙ Water Valve
⊙ Water Meter	Flowline	⊙ Light Pole
⊙ Gas Meter	x99.00 Spot Elevation	⊙ Power Pole w/guy
⊙ Telephone Box	Asphalt	⊙ Deciduous Tree
⊙ Sewer Manhole	Concrete	⊙ Coniferous Tree
⊙ Drain Manhole	Building	
⊙ Water Manhole	Catch Basin	
⊙ Cleanout Box		

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.

ALL CONSTRUCTION TO CONFORM TO CITY STANDARDS AND SPECIFICATIONS IN RIGHT OF WAY

- Utility Piping Materials:**
All piping materials shall be per local agency standards or the specifications below at a minimum. All utility piping shall be installed per manufacturers recommendations. Refer to project specifications for more detailed information regarding materials, installation, etc.
- Culinary Service Laterals**
1. 3/4" to 3" diameter pipe - Polyethylene (PE) Water Pipe (Up to 3 inches diameter), AWWA C901, PE 3408, SDR 9 (200 psi).
- Water Main Lines and Fire Lines**
1. Polyvinyl Chloride (PVC) (4 inches to 12 inches diameter): AWWA C900, Class 200.
- Sanitary Sewer Lines**
1. All sewer piping to be Polyvinyl Chloride (PVC) sewer pipe, ASTM D 3034, Type PSM, SDR 35
- Storm Drain Lines**
1. 12" pipes or smaller - Polyvinyl Chloride (PVC) sewer pipe, ASTM D3034, Type PSM, SDR 35
2. 15" 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.

- General Utility Notes:**
- Coordinate all utility connections to building with plumbing plans and building contractor.
 - 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.
 - 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.
 - Refer to the site electrical plan for details and locations of electrical lines, transformers and light poles.
 - Gas lines, telephone lines, and cable TV lines are not a part of these plans unless otherwise noted.
 - Water meters are to be installed per city standards and specifications. It will be the contractor's responsibility to install all items required.
 - 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.
 - 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.

AGENCY APPROVAL