



## Public Works Department

### Engineering Division

401 California Avenue  
Boulder City, NV 89005-2600

**Main Line:** (702) 293-9200

**Email:** [pwengineering@bcnv.org](mailto:pwengineering@bcnv.org)

# Public Utility and Street Connections Residential Development

**Website:** [www.bcnv.org/221](http://www.bcnv.org/221)

When building a house, the property owner will be required to make connections to the City's utilities. If the lot is within a subdivision, there may be utility stubs already in place. The property owner or their contractor will excavate and locate these utility stubs. This is where the utility connections will be made. If no stubs are available, then a new connection to the utilities will need to be made at the owner's expense. The following sections outline what is required to make those connections whether a stub exists or not.

## General

Any work necessary that is within the Public Right-of-Way (ROW) (sidewalk and street area) requires an Excavation Permit <http://www.bcnv.org/DocumentCenter/Home/View/573> from the Public Works Department. This permit can be obtained by a licensed contractor, with proper licensing and a Boulder City Business License. An owner/builder, who is not a licensed contractor, is not allowed to perform work in the Public ROW, according to the Nevada Blue Book <http://nsbaidrd.state.nv.us/uploads/2014BlueBook.pdf>.

Multiple items may be covered under one Excavation Permit. All work to be done, will be in accordance with the standards as adopted by Boulder City. The proposed work will follow the local construction standards which can be found here <http://www.bcnv.org/302/Construction-Standards>.

## Water

If no water service stub exists, the contractor will submit an Excavation Permit <http://www.bcnv.org/DocumentCenter/Home/View/573>, along with a plan showing the proposed work. Please see Figure 1, in blue, for an example of what is expected on a plan. The plan must include the existing water main location, location of the tap, and meter box location. Meter boxes are not allowed in the driveway approach and are typically located at the property line as shown in Figure 1. The design will adhere to the Uniform Design and Construction Standards (UDACS) which is located here [https://www.lvwd.com/eng/references\\_udacs.html](https://www.lvwd.com/eng/references_udacs.html).

If a water stub does exist and can be utilized, no permit is necessary and a water meter can be requested through the Building Division permit process. This process is located here <http://www.bcnv.org/171/Building-Permit-Forms>.

There will be a connection fee and a meter installation fee that will be collected with the Building Division permit. These fees are listed here <http://www.bcnv.org/DocumentCenter/Home/View/84>.

*The Public Works Department mission is to improve the lives of Boulder City citizens through the infrastructure we provide and maintain each day and the Capital Improvement Projects that strengthen the community into the future*



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## Residential Development

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### Sewer

If no sewer service stub exists, the contractor will submit an Excavation Permit <http://www.bcnv.org/DocumentCenter/Home/View/573>, along with a plan showing the proposed work. Please see Figure 1, in brown, for an example of what is expected on a plan. The plan must include the existing sewer main location, location of point of connection, and sewer clean-out location. The design will adhere to the Clark County Water Reclamation Design and Construction Standards which is located here <http://www.cleanwaterteam.com/home.html>.

If a sewer stub does exist and can be utilized, no permit is necessary and on-site inspections will be performed through the Building Division permit process. This process is located here <http://www.bcnv.org/171/Building-Permit-Forms>.

There will be a connection fee that will be collected with the Building Division permit. These fees are listed here <http://www.bcnv.org/DocumentCenter/Home/View/84>.

### Electric

To make a new connection to the City's electric system requires a Residential Electric Service Permit <http://www.bcnv.org/DocumentCenter/Home/View/1465> from the Public Works Department. With the submittal of the permit application, a plan showing the proposed work needs to include the location of the connection to existing facilities, location of the meter service panel on the house, the service size with the routing of the conduit from the electric box or transformer to the meter panel at the house. Please see Figure 1, in red, for an example of what is expected on a plan.

There will be a connection fee and a meter installation fee that will be collected with the Building Division permit. These fees are listed here <http://www.bcnv.org/DocumentCenter/Home/View/84>.

All permits can be found on the Public Works Webpage located at [www.bcnv.org/276/Forms-Documents](http://www.bcnv.org/276/Forms-Documents).

### Driveway Approach

A driveway approach is a section of driveway that is located in the Public Right-of-Way that connects a private driveway to the adjacent street. If a driveway approach is to be constructed as new, moved, or the width adjusted, then an excavation permit from the Public Works Department is required. The design will adhere to the Regional Transportation Commission (RTC) Uniform Standards which is located

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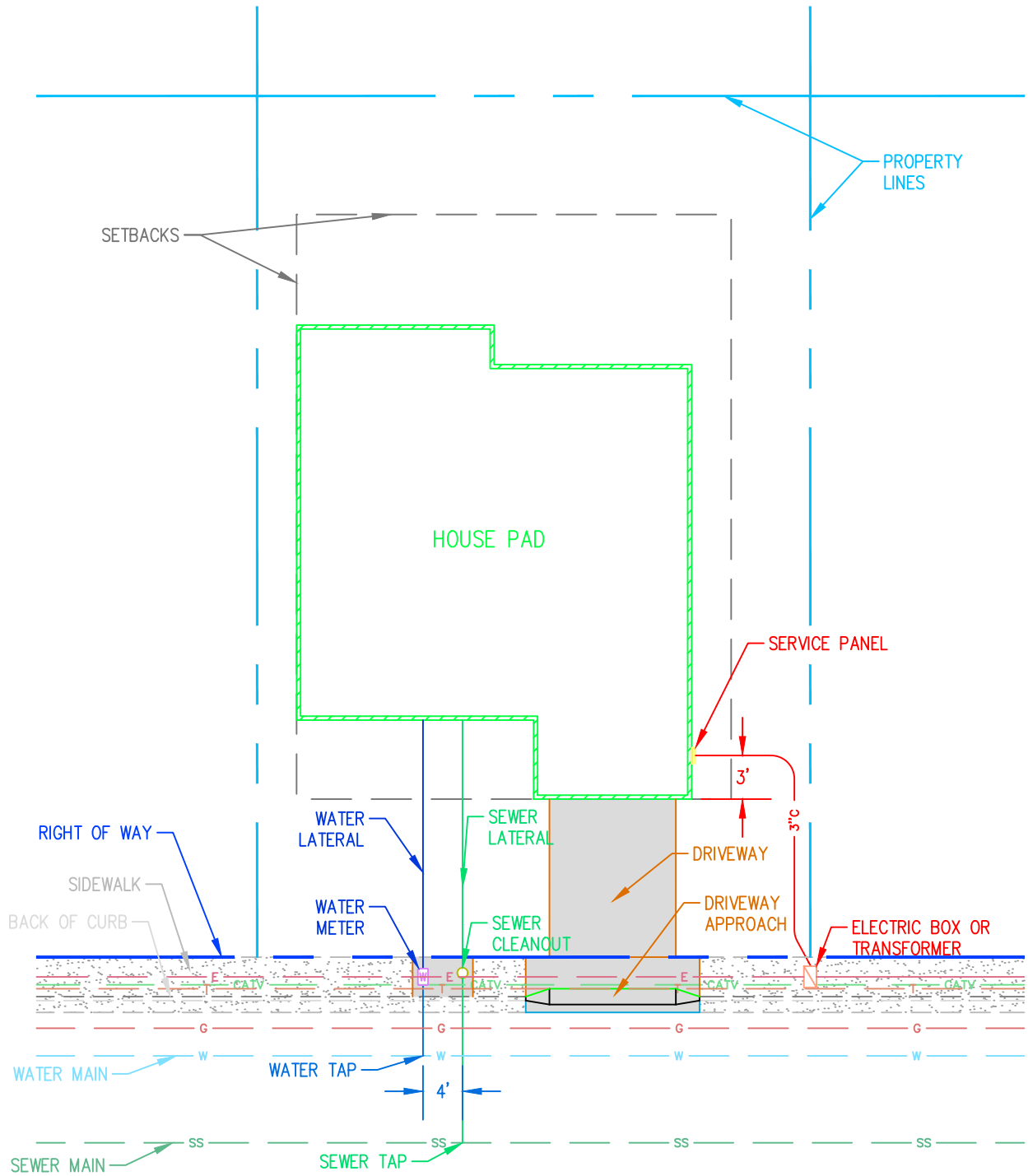
# Public Utility and Street Connections Residential Development

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here <http://www.rtcnv.com/planning-engineering/streets-highways/>. Please see figure 2 that shows two different types of driveways; one with an attached sidewalk and one with a detached sidewalk.

## Other Offsite Improvements

These types of improvements include sidewalk, hardscaping and landscaping in the Public Right-of-Way. These items also require an excavation permit from the Public Works Department. The design will adhere to the Regional Transportation Commission (RTC) Uniform Standards which is located here <http://www.rtcnv.com/planning-engineering/streets-highways/>. Please see Figure 1 that shows an example of what is required for a plan submittal.

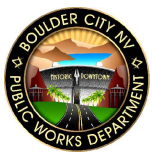
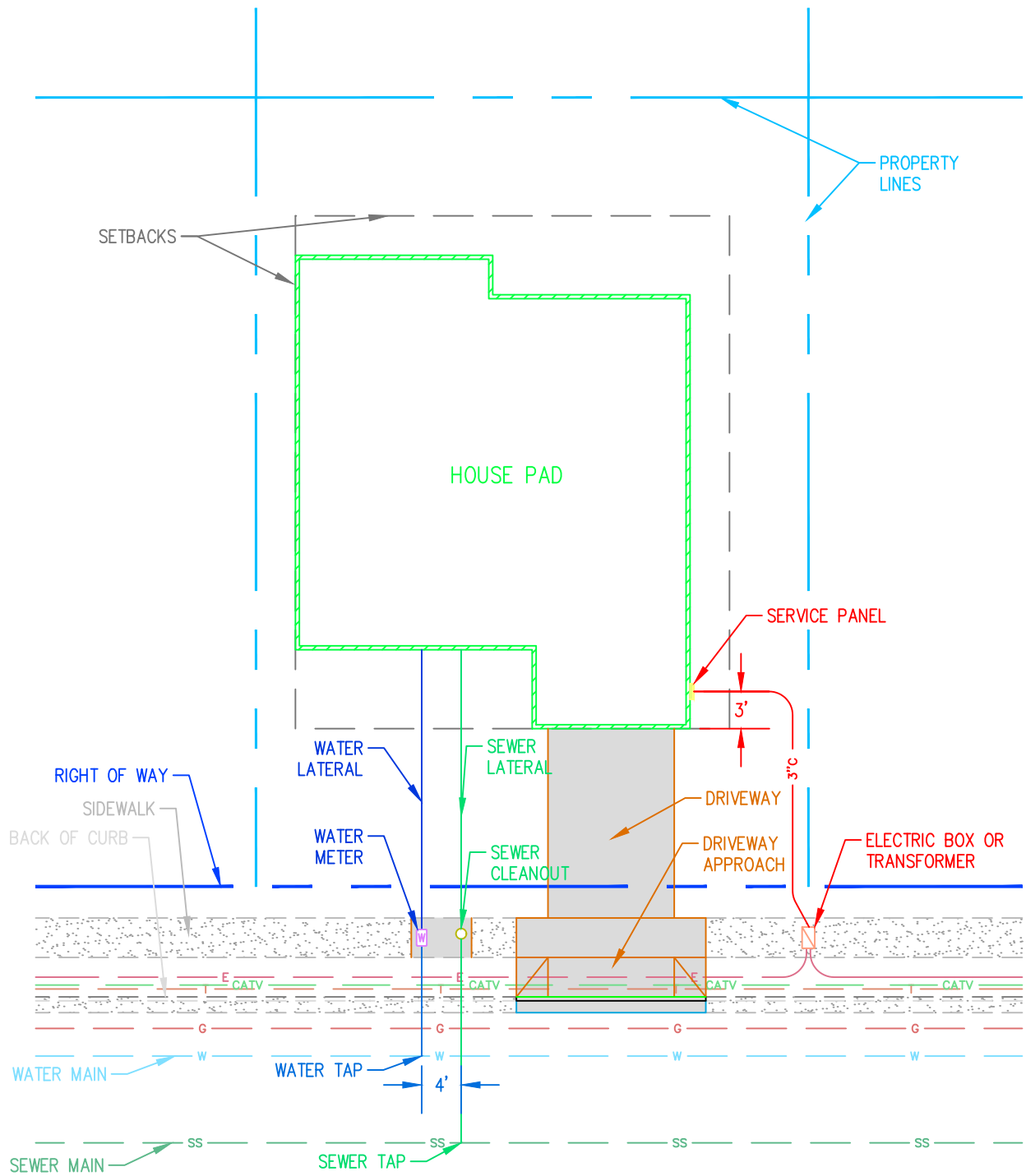


**CITY OF  
BOULDER CITY, CO**  
**PUBLIC WORKS  
DEPARTMENT  
ENGINEERING  
DIVISION**

**BOULDER CITY DEVELOPMENT STANDARDS  
FIGURE 1**

**TYPICAL RESIDENTIAL SITE PLAN  
ATTACHED SIDEWALK**

CREATED BY:  
PW STAFF  
ISSUE DATE:  
08/15/2016  
FILE NAME:  
Typical Site Plan.dwg  
SHEET:  
1 OF 2



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**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING DIVISION**

**BOULDER CITY DEVELOPMENT STANDARDS**  
**FIGURE 2**

**TYPICAL RESIDENTIAL SITE PLAN**  
**DETACHED SIDEWALK**

CREATED BY:  
 PW STAFF  
 ISSUE DATE:  
 08/15/2016  
 FILE NAME:  
 Typical Site Plan.dwg  
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 2 OF 2