
















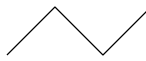
# Utilities Style - Colors

|  |                   |  |                  |
|--|-------------------|--|------------------|
|    | Gravity           |   | Phase            |
|    | Force             |   | Not Owned        |
|    | Transmission      |   | Riser            |
|    | Fire Service      |   | Highlight        |
|    | Siphon            |   | Black            |
|    | Stub Out          |   | Primary          |
|    | Landscape Service |   | Work in Progress |
|    | Unknown           |   | Null Node        |
|    | Air Release       |   | Link Box         |
|   | Blow-off Area     |  | White            |
|  | Service           |  |                  |
|  | Hydrant           |  |                  |
|  | OH Secondary      |  |                  |
|  | UG Primary        |  |                  |
|  | Pad Yellow        |  |                  |
|  | Pad Green         |  |                  |
|  | Lighting Blue     |  |                  |
|  | Fuse              |  |                  |

# Utilities Style - Fill Symbols

-  Gravity
-  Force
-  Transmission
-  Fire Service
-  Siphon
-  Stub Out
-  Landscape Service
-  Unknown
-  Transmission
-  Air Release
-  Blow-off Area
-  Service
-  Hydrant
-  OH Secondary
-  UG Primary

# Utilities Style - Line Symbols

 Parcel Line

 Siphon

 Street Centerline

 Stub Out


 Gravity Main


 Landscape Service

 Force Main

 Unknown

 Distribution Main

 Air Release Line


 Transmission Main

 Blow-off Line

 Private Main

 Service Lateral

 Service Line

 Hydrant Lateral

 Fire Service

 4 wire OH Primary

# Utilities Style - Line Symbols

 3 wire OH Primary

 2 wire OH Primary


 4 wire OH Secondary

 3 wire OH Secondary


 2 wire OH Secondary


 1 wire OH Secondary


 UG Primary


 UG Secondary


# Utilities Style - Marker Symbols


 amfm electric 3


 amfm electric 4


 amfm electric 6


 amfm electric 8


 amfm electric 9


 amfm electric 10


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 amfm electric 12


 amfm electric 13


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
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 amfm electric 18


 amfm electric 19


 amfm electric 20

 amfm electric 21

 amfm electric 22

 amfm electric 23

 amfm electric 24

 Address Location

 Elbow Arrestor

 Pad Mount

 OH Lighting Arrestor

 CST


 BTE

 PJC

 BSE

 Pullbox

 Service Box

 Fuse Cabinet

 Junction Cabinet

# Utilities Style - Marker Symbols

 2 Compartment Switch Cabinet

 4 Compartment Switch Cabinet

 Empty Transformer Pad

 Pad Mount


 OH 1-Phase Transformer

 OH 2-Phase Transformer

 OH 3-Phase Transformer

 OH Capacitor Bank

 OH Circuit Tie (OHCTS)

 OH Fuse Cutout (OHFC)

 OH Pole Disconnect (OHD)

 OH Switch

 OH Gang Operated Air Bank

 Fuse 1

 Fuse 2

 Fuse 3

 Ground

 PM 3-Phase Single Unit Stp Trans

 PM 1-Phase Step Transformer

 PM Capacitor Bank

 UG 3-Phase Delta-Delta Bank

 UG 3-Phase Y-Delta/Y-Y Transformer

 UG 1-Phase Transformer


 UG Blade Disconnect

 UG Oil Switch

 Vault Manhole Enclosure

 Switch Enclosure

 Substation


 Work in Progress

 Transformer

# Utilities Style - Marker Symbols

|  |  |
|--|--|
|  Slab Box                    |  Underground Breaker                  |
|  Slab Box                    |  Underground Disconnects              |
|  Open Point                  |  Buried Switch Enclosure              |
|  Secondary Splice Box        |  Capacitor                            |
|  Handhole                    |  Capacitor                            |
|  Vault 1                     |  200A Oil Switch w/o Tap Switch (OS3) |
|  Regulator 2                 |  200A Oil Switch w/Tap Switch (OS3TS) |
|  Primary Ground              |  Overhead Xfmer                       |
|  Primary Meter             |  Pad Mounted Switch (PMH-11)        |
|  Primary Pullbox           |  Pad Mounted Switch (PMH-9)         |
|  Steel Pole                |  Padmounted Fuse                    |
|  Wood Pole                 |  Padmounted Termination Cabinet     |
|  Company Owned N-Wood Pole |  Ornamental Light                   |
|  Company Owned Wood Pole   |  Mastram Light                      |
|  Foreign Owned Wood Pole   |  Raincross Light                    |

# Utilities Style - Marker Symbols


 Highway Light

 Street Light

 Riser 1

 Riser 2

 Link Box 4 Way w/Bus Links


 Link Box 6 Way w/Bus Links

 Link Box 6 Way w/Bus Links

 Link Box 6 Way w/Bus Links


 NLB Elbox Livefront Closed

 NLB Elbox Livefront Open

 RA Switch 5 Way (RA5)

 Air Switch 4 Way (AS4WY)


 Air Fused Switch (AIRFU)


 600A w/200A Tap (OS2T)


 LB Elbox Deadfront Closed


 LB Elbox Deadfront Open


 Fault Indicator

 Anchor Guy 1

 Anchor Guy 2

 Breaker

 Manhole 2-Way


 Manhole 3-Way

 Manhole 4-Way

 Recloser

 Load Breaker Elbow

 Multiple Meter Service Point

 Sectionalizer

 Single Meter Service Point

 Automatic Reclosure Switch

 Oil Circuit Breaker



# Utilities Style - Marker Symbols


- Tape Splice

 Analysis Station

 Anode


| Bend Fitting

 Cap Fitting

 Cathodic Protection

 Change/Weld/Fusion

 Coupling

 Cross Fitting

 Distribution Valve

 Drip

 Emergency Valve

 Expansion Joint

 Farm Tap

| Flange

 Highlight Circle

 Insulated Coupling

 Main Cap

 Main Cross

 N


 Odorization

 Offset Fitting

 Pipe Casing

 Rectifier

 Reducer 1

 Reducer Fitting


 Regulator 1

 Saddle Fitting


 Service Cap

 Service Point


# Utilities Style - Marker Symbols

 Sleeve Fitting


 Stopper


 Tee Fitting


 Town Border Station

 Transition Fitting


 Warning Sign


 Wye Fitting


 amfm telecom 01

 amfm telecom 02

 amfm telecom 03


 amfm telecom 04


 amfm telecom 05


 amfm telecom 06


 amfm telecom 07


 amfm telecom 08


 amfm telecom 09


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
 amfm telecom 18

 amfm telecom 19

 amfm telecom 20

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 amfm telecom 22

 amfm telecom 23

# Utilities Style - Marker Symbols

 amfm telecom 24


 amfm telecom 25


 amfm telecom 26


 amfm telecom 27


 amfm telecom 28


 amfm telecom 29


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


















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 amfm telecom 51






























 Apparatus Case

 Basic Fuse

# Utilities Style - Marker Symbols

- |  |  |
|--|--|
|  Build-Out Capacitor | ••• LB Junction 4 Way  |
|  Build-Out Lattice   |  Link Box 2 Way      |
| <b>B</b> Buried Cable  |  Load Coil           |
|  Cellular Phone 1    |  Manhole 2           |
|  Cellular Phone 2    |  Oil Switch 2 Way    |
|  Cellular Phone 3    | —⊠ Pedestal  |
| ▶ Copper Cable Splice  |  RAC6                |
|  Cross Connect       |  Ram Switch (RAM5)   |
|  Fiber Cable       |  Regulator Phase 1 |
| ◀▶ Fiber Cable Splice  |  Regulator Phase 2 |
|  Gas Fused Switch  | ○ Splice Device 200A   |
|  Gas Switch (GAS)  | ○ Splice Device 600A   |
|  Handhole          | <b>Tax</b> Tax Boundary  |
|  Inductor          | † Telephone Pole 1   |
| ••• LB Junction 3 Way  | † Telephone Pole 2   |































# Utilities Style - Marker Symbols

|  |   |
|--|---|
|  Telephone Pole 3                              |  Extinct Spring                          |
|  Terminal                                      |  Gauging station                         |
|  Tower   |  Gauging station - Collection of WQ data |
|  UG Oil Fused Cutout                           |  Gauging station - Continuous-record     |
|  Wire Open Point                               |  Gauging station - Partial record        |
|  Wire Size Change                              |  Gauging station - Telephone or Radio    |
|  Abandoned water well                          |  Low-flow measurement station            |
|  Artesian Well                                 |  Measurement station without a gauge     |
|  Destroyed water well                        |  Mineral Spring                        |
|  Direction ground-water flow-approx (dashed) |  Non-flowing artesian well             |
|  Direction ground-water flow-approx (solid)  |  Observation well water                |
|  Direction of ground-water flow (hollow)     |  Observation well water - Recorder     |
|  Direction of ground-water flow (solid)      |  Peak-flow measurement station         |
|  Discontinued gauging station                |  Spring                                |
|  Dry hole-Water exploration                  |  Spring - Collection of Quality Data   |

# Utilities Style - Marker Symbols

- Spring - Domestic water supply
- Spring - Industrial water supply
- Spring - Irrigation water supply
- Spring - Public water supply
- △ Stage - measurement station
- ⊕ Test hole for water
- ☼ Thermal Spring
- ⊠ Unknown
- ⊖ Unused Spring
- ♀ Water recharge or waste-injection well
- Water Well
- ⊖ Water well - Capped
- ⊖ Water well - Shut-in
- ∅ Water well - Unused
- ⊖ Well - Used for collection of data
- Well - Used for domestic water supply
- Well - Used for industrial water supply
- Well - Used for irrigation water supply
- Well - Used for public water supply
- Well - Used for stock water supply
- ◀ Air Release Valve 1
- ◀ Air Release Valve 2
- ⊕ Air Vent Valve
- △ amfm water 01
- △ amfm water 02
- △ amfm water 03
- △ amfm water 04
- △ amfm water 05
- △ amfm water 06
- △ amfm water 07

# Utilities Style - Marker Symbols

-  amfm water 08
-  amfm water 09
-  amfm water 10
-  amfm water 11
-  Backwater Valve
-  Blow-off Valve 1
-  Blow-off Valve 2
-  Butterfly Valve 1
-  Butterfly Valve 2
-  By-Pass Valve
-  Check Valve
-  Cleanout 1
-  Cleanout 2
-  Cleanout w/ Backflow Device
-  Cleanout w/ Backwater Valve
-  Corporation Stop
-  Dead End
-  Diversion Chamber
-  Double Outfall
-  Emergency Inter-tie
-  Fire Detector Check Valve
-  Fire Hydrant
-  Fire Hydrant Valve
-  Fitting
-  Flow Meter
-  Gate Valve 1
-  Gate Valve 2
-  Gate Valve with Bypass
-  Grease Separator
-  Injection Well

# Utilities Style - Marker Symbols

◆ Interconnect

✉ Junction Structure

Ⓜ Landscape Meter

Ⓜ Landscape Meter w/ Backflow Device

● Leak

LS Lift Station 1

L Lift Station 2

○ Manhole 1

⚙ Manhole Valve

□ Manifold Meter

Ⓜ Metering Station

□ Modeling Node

○ Monitor Well

⊕ Null Node

○ Observation Well

| Plug

□ Plug Fitting

⊗ Pressure Reducer

□ Pressure Regulating Station

⊗ Private Valve

P Pump Station 1

PS Pump Station 2

⊕ Re-Use Meter

▱ Reducer 2

● Reservoir

⚙ Sampling Point 1

▲ Sampling Point 2































■ Service Connect Valve

□ Service Meter

□ Service Meter w/ Backflow Device



# Utilities Style - Marker Symbols

|   |   |
|---|---|
|  Service Node         |  Vortex Manhole   |
|  Single Outfall       |  Well             |
|  Star                 |  Abandon          |
|  Sulfide Test Station |  Access Point     |
|  Tank                 |  Anchor Guy 3     |
|  Tapping Valve        |  Anode            |
|  Telemetry            |  Arrestors        |
|  Treatment Plant 1    |  Arrow1L          |
|  Treatment Plant 2  |  Arrow1R        |
|  Triple Outfall     |  Backflow       |
|  Tunnel Door        |  Boundary Point |
|  Tunnel Shaft       |  Breakers       |
|  Tunnel Vent        |  Building       |
|  Turbine Meter      |  Building Line  |
|  Vault 2            |  Bus            |

# Utilities Style - Marker Symbols

 Cadastral Easement

 Cadastral Line

 Cadastral Parcel

 Cadastral Poly


 Canal

 Capacitors

 Chamber

 Circle

 Closed

 Curb Stop

 Fault Ind


 Fireline

 Fitting


 Flowmeter

 Force Main

 Fuses


 Gas Casing

 Gas Pipe

 Gas Service

 Gravity Main

 Ground

 Hydrant

 Hydrant Line

 Lateral


 Lift Station 3

 Manhole 3































 Measure

 Metering Station






 Odorizer

 Open Points

# Utilities Style - Marker Symbols

- |   |  |
|---|--|
|  Other Line       |  Service Point     |
|  Other Point      |  Siphon            |
|  Outfall          |  Span Guys         |
|  Phase            |  Station           |
|  Poles Equip      |  STP Step Trans    |
|  Primary Cond.    |  Storm Inlet       |
|  Pump Station     |  Street Edge       |
|  Reclosers        |  Street Light      |
|  Rectifier      |  Substation      |
|  Regulator      |  Surge Relief    |
|  Reservoir      |  Switch Cable    |
|  Risers         |  Switches        |
|  Sectionalizers |  Test Point      |
|  Service Drop   |  Transformers    |
|  Service Pipe   |  Treatment Plant |

# Utilities Style - Marker Symbols

-  Tunnel
-  Water Well
-  Tunnel Door
-  Tunnel Shaft
-  Tunnel Vent
-  Under Linear
-  Under Structure
-  Valve
-  Voltage Regulator
-  Warning Sign
-  Wastewater Vault
-  Water Conduit
-  Water Leak
-  Water Pipe
-  Water Tank
-  Water Vault

## Utilities - North Arrows

