### TRENCHING
- Trench & Surface Repair
- Typical Trench Section

### WATER
- Fire Hydrant (Option 1)
- Fire Hydrant (Option 2)
- Water Service Connection
- Thrust Blocking
- Typical Water & Sewer Layout
- Water Pipe Laying
- Non-potable Water Line Separation
- Typical Water Irrigation Layout

### SEWER
- Sewer Manhole Type A
- Special Sewer Manholes
- Manhole Cover & Frame
- Sewer Service Connection
- Sewer Backflow Valve
- Sewer Pipe Laying
- Pipe Support Across Trench

### STORM
- Primary Catch Basin
- Satellite Catch Basin

### CONCRETE
- Curb and Gutter
- Sidewalk
- Driveway Approaches
- Pedestrian Ramps
- Valley Gutter
- Sidewalks at Intersections

### NOTES
1. All Concrete shall be class 4000 with a minimum of 1.5 lbs/C.Y. fiber reinforcement. Contractor shall provide the following written submittals prior to inspection:
   - a) Mix Design
   - b) Curing & Protection Plan (ISPWC 703.3.5)
   - c) Post pour Cure Sealing Compound Type & application plan
2. Prefabricated base required unless otherwise approved by City. Fiberglass dustpan required on all manholes that are not on paved streets. WhirlyGIG form required between manhole cone and Cast Iron Frame with 12” max height.

### ROADs
- Curbed Street Section
- Typical Street Section
- River Street Typical Section
- Street Widening
- On - Street Parking Standards
- On - Site Parking Standards
- Typical Shared Use Path
- Typical Driveway Approach
- Street Radius

### MISCELLANEOUS
- Typical Utility Locations
- Street Signs
- Light Pole Pedestal Details
- Light Pole Detail
- Light Control Detail
- Tree Well Details

### STORM WATER MANAGEMENT
- See BMP's / SWPPP

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**REVISIONS**

**2022 CITY OF HAILEY STANDARD DRAWINGS**

**INDEX SHEET**

**DRAWING NO.**

18.14.000.0
1. Type I Pipe Bedding material shall meet the requirements of the current edition of the ISPWC Standards-Section 305-Pipe Bedding.

2. Type II Pipe Bedding material shall meet the requirements of the current edition of the ISPWC Standards-Section 305-Pipe Bedding.

3. Where 25% or more of any portion of the surface area of any pavement has been damaged within the project limits, full width restoration shall be required. Any strip of remaining pavement less than 2 feet in width along curb and gutter or pavement edge shall be removed and replaced.

4. Native materials may be used for backfill unless, in the sole opinion of the City Engineer, the native material is found to be unstable. Then 8 inch minus aggregate, which meets the requirements of the current edition of the ISPWC Standards-Section 801-Uncrushed Aggregate or crushed aggregate, which meets the requirements of the current edition of the ISPWC Standards-Section 802-Crushed Aggregate, will be required as backfill.

5. The completed patch shall not deviate from existing surface more than .02 ft/10 ft in any direction.

6. The completed patch shall not pond water in excess of .02 feet in depth.

7. Surface repair in gravel shoulder areas within 3 feet of pavement edge shall be 3 inch depth of Type I crushed aggregate per the current edition of the ISPWC Standards-Section 802-Crushed Aggregate.

8. Contractor shall be responsible for maintenance of street repair for one year after installation. PUC regulated utilities shall be responsible for a period of three years.

9. All utility crossings, including but not limited to power, telephone, cable TV, gas, and water services, which cross existing paved roads shall be constructed by horizontal boring. Open cuts across paved roadsways will only be allowed after a minimum of three failed attempts with approved boring tools. When utility mains are located under existing pavement, open cuts will be allowed and boring is not required. If in the judgment of the City Engineer, boring may be detrimental to the health, safety, or welfare of the public, boring will not be required and trenching will be allowed. A six foot trench, two feet deeper than the proposed utility shall be excavated adjacent to the edge of pavement for evaluation of soil conditions by the City Engineer to determine if boring shall be attempted or if trenching will be allowed.

10. All trenches shall be repaved within 72 hours of starting the work unless prior approval to delay repaving has been provided by the City Engineer.

11. Concrete Slurry Mix Design
   Coarse Aggregate (3/8" minus) 2,600 lbs
   Sand 800 lbs
   Cement 94 lbs (max)
   Water 11 gals (max)
TYPICAL TRENCH SECTIONS

NOTES

1. Type I Pipe Bedding material shall meet the requirements of the current edition of the ISPWC Standards-Section 305-Pipe Bedding.

2. Type II Pipe Bedding material shall meet the requirements of the current edition of the ISPWC Standards-Section 305-Pipe Bedding.

3. Native materials may be used for backfill unless, in the sole opinion of the City Engineer, the native material is found to be unsuitable; then either 8-inch minus uncrushed aggregate per the current edition of the ISPWC Standards-Section 801-Uncrushed Aggregate or Type I or II crushed aggregate per the current edition of the ISPWC Standards-Section 802-Crushed Aggregate will be required as backfill.

4. All work in public traffic ways is subject to approval by the City Engineer. He shall be notified one day before any excavation is started. No backfill shall be placed until the backfill material has been approved by the City Engineer.

5. Type A Trench Section shall be used when crossing a public or private road, street or driveway section. A road, street or driveway section is defined as the area under an existing asphalt or gravel surface or curb and sidewalk, plus (4') four feet beyond each edge.

6. Type B Trench Section shall be used outside of any Type A, where new streets are not planned.

7. Rock shall be excavated to at least standard trench width per the current edition of the ISPWC Standards-Section 302-Rock Excavation.
NOTES
1. Hydrants shall have a 6' foot bury.
2. Hydrants shall be 5 1/4" Waterous Pacer Model WB-67U-250 or Mueller Super Centurion 250 and conform to the following:
   - 2 ea., 2-1/2" NST threaded nozzles
   - 1 ea., 4-1/2" NST threaded nozzles
   - Dry Barrel type 6" barrel
   - Red in color
3. Mechanical Restraints shall be used. Restraints shall be Romac Industries RomaGrip or approved equivalent. No lug or set screw type restraints are to be used on PVC pipe.
4. City shall approve location and elevation of all Fire Hydrants. Fire Hydrants shall be located at street intersections and at a minimum spacing of 500 feet in residential zones and 450 feet in business and industrial zones. No obstructions shall be placed within 3 feet of the back and 15 feet of the sides and front of Fire Hydrants.
5. Auxiliary Gate Valve shall meet AWWA C509 (Total rubber encapsulated, resilient seat, waterous series or approved equal).
6. Valve Box shall be Tyler 664A or approved equal.
7. Hydrant break away flange elevation equal to street centerline or 4" to 8" above finished grade as approved.
8. Fire hydrant assemblies located on the opposite side of the roadway from the watermain shall have 2" Dow Board installed over the pipeline leading to the hydrant. The Dow Board shall extend from auxiliary gate valve to the hydrant.

HYDRANT VEHICULAR PROTECTION

Fire hydrants which may be exposed to vehicular damage or obstruction shall have an approved array of bollards or guard post installed to protect them from damage and maintain the minimum distance required for proper operation.

When they are installed, they shall be:
- Constructed of steel not less than (4) inches in diameter and concrete filled.
- Spaced not more than four (4) feet between posts on center.
- Set not less than three (3) feet deep in a concrete footing not less than (15) inches in diameter.
- Set with the top of the posts not less than (3) feet above the ground.
- The post shall be painted bright red, reflective markings are recommended.
- Located at least three feet from any portion of the hydrant and located so as not to create an obstruction to its use.

Idaho Code 49-660: Stopping, Standing or Parking is prohibited, except momentarily to pick up or discharge a passenger or passengers, within fifteen (15) feet of a fire hydrant.
1. Hydrants shall have a 6' foot bury.
2. Hydrants shall be 5 1/4" Waterous Pacer Model WB-67U-250 or Mueller Super Centurion 250 and conform to the following:
   - 2 ea. 2-1/2" NST threaded nozzles
   - 1 ea. 4-1/2" NST threaded nozzles
   - Dry Barrel type 6" barrel
   - Red in color
   - Main valve size 5-1/4"
3. Mechanical Restraints shall be used. Restraints shall be Romac Industries RomaGrip or approved equivalent. No lug or set screw type restraints are to be used on PVC pipe.
4. City shall approve location and elevation of all Fire Hydrants. Fire Hydrants shall be located at street intersections and at a minimum spacing of 500 feet in residential zones and 450 feet in business and industrial zones. No obstructions shall be placed within 3 feet of the back and 15 feet of the sides and front of Fire Hydrants.
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7. Hydrant break away flange elevation equal to street centerline or 4" to 8" above finished grade as approved.
8. Fire hydrant assemblies located on the opposite side of the roadway from the watermain shall have 2" Dow Board installed over the pipeline leading to the hydrant. The Dow Board shall extend from auxiliary gate valve to the hydrant.

NOTES

1. Hydrants shall have a 6' foot bury.
2. Hydrants shall be 5 1/4" Waterous Pacer Model WB-67U-250 or Mueller Super Centurion 250 and conform to the following:
   - 2 ea. 2-1/2" NST threaded nozzles
   - Traffic "breakaway" design
   - 1 ea. 4-1/2" NST threaded nozzles
   - 250 PSI rated
   - Dry Barrel type 6" barrel
   - UL Listed
   - Red in color
   - Main valve size 5-1/4"
3. Mechanical Restraints shall be used. Restraints shall be Romac Industries RomaGrip or approved equivalent. No lug or set screw type restraints are to be used on PVC pipe.
4. City shall approve location and elevation of all Fire Hydrants. Fire Hydrants shall be located at street intersections and at a minimum spacing of 500 feet in residential zones and 450 feet in business and industrial zones. No obstructions shall be placed within 3 feet of the back and 15 feet of the sides and front of Fire Hydrants.
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Fire hydrants which may be exposed to vehicular damage or obstruction shall have an approved array of bollards or guard post installed to protect them from damage and maintain the minimum distance required for proper operation.

When they are installed, they shall be:
- Constructed of steel not less than (4) inches in diameter and concrete filled.
- Spaced not more than four (4) feet between posts on center.
- Set not less than three (3) feet deep in a concrete footing not less than (15) inches in diameter.
- Set with the top of the posts not less than (3) feet above the ground.
- The post shall be painted bright red, reflective markings are recommended.
- Located at least three feet from any portion of the hydrant and located so as not to create an obstruction to its use.

Idaho Code 49-660: Stopping, Standing or Parking is prohibited, except momentarily to pick up or discharge a passenger or passengers, within fifteen (15) feet of a fire hydrant.
1. Water Services shall be installed in accordance with the current edition of the ISPWC—Section 404—Water Service Line and Meters.

2. Water Service Line shall have a 6" min. bury depth.

3. 0.75" Meter vaults shall be Mueller 250CS1872FBIN or Ford PF3BH-385-18-72-FP—NL. 1" Meter Vaults shall be Mueller 330CS1872FBIN, 1-1/2" Meter Vaults shall be Muller 500VS2472FBIN or equal. 2" Meter Vaults shall be Muller 550VS2772FBIN or equal.

4. Service Line shall be 3/4" diameter Type K copper or polyethylene pressure pipe 250 psi or 9 copper tube size (CTS) unless otherwise specified. Copper service pipe shall be encoated with plastic pipe sleeving material from corporation stop to vault with both ends wrapped with PASCO 10 mil PVC #9052 pipe tape.

5. CAUTION: OPEN CORPORATION VALVE BEFORE BACKFILL.

6. An owner constructing a new public water system in a subdivision or development shall construct a water tap and service for each potential user and extend it to the property line. Water services shall be marked with a blue painted metal fence post.

7. All copper service shall be wrapped with #6 gauge copper wire thermally insulated wrap every 5'. A No. 12 AWG copper with insulation tracer wire will be wrapped around all PVC pipe at a minimum of 10 foot intervals for the full length of the pipe. Run wire to top of vault.

8. Water service lines which cross the street shall be insulated with 2" thick by 2' wide Dow Board. Insulation shall be installed from the water main to the vault.

9. Water service lines shall be bedded with Type I Pipe Bedding per the current edition of ISPWC Section 305—Pipe Bedding.

10. Connection to the meter box or curb stop shall be: Mueller 110 Compression H—15451 for 3/4" Copper or CTS poly. Mueller H15451 CTS x F.I.P.; or Ford C14—33-Q—NL.

11. No service or irrigation connections within 6 feet of meter vault.

12. Separate service connections to main by a minimum of 2 feet and stagger multiple connections made on the pipe along the circumference.

13. Materials used shall be compliant with ANSI/NSF 60/61.

14. All services shall conform to the vertical and horizontal separation requirements per DEQ.

15. All parts must be brass and compliant with the low lead rule (<0.25 % Pb by weight).

16. All brands and model numbers specified herein, or an approved equal, shall be required. Approved equals shall be determined by the City.
WATER PIPE LAYING SECTION

N.T.S.

NOTES

1. Trenching shall be in accordance with the current edition of ISPWC Division 306 - Trenching.

2. A No. 12 AWG copper with insulation tracer wire will be wrapped around all PVC pipe at a minimum of 10 feet intervals for the full length of the pipe. Each run shall be brought to the surface inside the Valve Box for the gate valve. Two linear feet of loose burred wire shall be left coiled in the valve box. All runs shall be electrically continuous between valves.

3. All water pipe shall have 5 feet of minimum cover.

4. When Water and Sewer lines or services cross refer to the current edition of ISPWC Standard drawing 407, IAPA 58.01.08.342.07.0 and IAPA 48.01.04.542.07.0, which addresses the requirements for separation distances between potable water lines (including mains and service lines) with non-potable lines.

5. Install 3" wide blue bury warning tape 2" above bedding the length of the pipe.
NOTES
1. This plan is the desired typical layout for new & old development. New Water shall conform to this general conceptual layout except as otherwise specified and approved by the City.
2. The Owner/Developer shall show all Water service locations on design plans as approved by City.
3. No service or irrigation connections within 6 feet of meter vault.
4. Blow-Off must be downstream of backflow device.

PLAN VIEW
TYPICAL WATER IRRIGATION LAYOUT
N.T.S.
NOTES

1. Backwater prevention device shall be required in sewer service lines that service basements. It shall be located on owner’s property and maintained by the owner.

2. An approved equal may be substituted for this backwater valve.

TYPICAL SECTION

BACKWATER PREVENTION DEVICE

N.T.S.
SECTION THROUGH NEW PIPE TRENCH

SECTION A
PIPE SUPPORT ACROSS TRENCH

"D" OD

6" Min

New Pipe
(Center on existing pipeline so that joints are equal distance from existing pipeline)
1. **Primary Catch Basins** to be installed immediately upstream of drywell. Satellite catch basins may be installed upstream of primary catch basins.

2. Inlets and catch basins may be either precast or cast-in-place. Precast units shall meet the requirements of ASTM C 913. (Prior approval of shop drawings will be required on modified units.)

3. A 1” side draft is allowed for form removal.

4. The grade line of the top inside of any pipe shall enter at a point no lower than the top inside of the outlet pipe.

5. Pipes can enter or leave the box in any direction. All connections and broken areas shall be grouted smooth.

6. Steel angles shall be set so that each bearing bar of prefabricated grate shall have full bearing on both ends. The finished top of concrete shall be even with the angle/grate surface. The structural steel need not be painted but shall meet the requirements of ASTM A 36.

7. All metal reinforcement used shall be No. 4 bars. The metal reinforcement shall be smooth cut to accommodate pipes.

8. See ISPWC SD-609 for grate details.
**DRYWELL DETAIL**  
(FOR USE WITH PRIMARY CATCH BASINS ONLY)  
NTS

**NOTES**

1. ALL SUBDIVIDERS AND APPLICANTS FOR COMMERCIAL OR INDUSTRIAL BUILDING PERMITS SHALL FURNISH DATA TO THE CITY WHICH SHOWS A DESIGN TO ACCOMMODATE THE RUN-OFF FROM A 1"/HOUR, 25 YEAR STORM.

2. AREA OF DRAINAGE IS _____ ACRES RESULTING IN A STORM EVENT FLOW OF _______ cfs

3. SOIL INFILTRATION RATE ASSUMPTION IS ___" / MIN., RESULTING IN A NEED FOR APPROXIMATELY __________ S.F. OF INFILTRATION AREA.

4. DRYWELLS MUST BE CONNECTED TO A CATCH BASIN. NO INLET GRATES ALLOWED.

5. CONTRACTOR / OWNER SHALL SUBMIT IDAHO DEPARTMENT OF WATER RESOURCES (IWDR) SHALLOW INJECTION WELL INVENTORY FORM FOR EACH DRYWELL CONSTRUCTED TO THE CITY OF HAILEY.

6. GEOTECH FILTER FABRIC MAY BE ALLOWABLE, WITH CITY APPROVAL, TO SEAL PERFORATIONS IN NON-PERFORATED AREA SHOWN HEREON IF PIPE IS SUPPLIED FULLY PERFORATED.

---

**Clean Sand And Gravel**

---

**Seal Bottom with Cap or Concrete**

---

**Perforations 4" O.C. 1" Diameter, See Note 6**

---

**3" Drain Rock per ISPWC Section 801-Uncrushed Aggregate**

---

**4oz. Filter Fabric Wrap Mirafi 140n or Approved Equal on all sides and top**

---

**3' of Pipe With no Perforations**

---

**12" Pipe From Catch Basin**

---

**60" Min.**

---

**12" Min.**

---

**4" Min.**

---

**4oz. Filter Fabric Wrap Mirafi 140n or Approved Equal**

---

**See ISPWC SD-617 for Lid Details.**

---

**See SD-616 if placed in Asphalt.**

---

**Notes:** The bed shall be excavated a minimum of 24" into clean sand and gravel. If clean sand and gravel is not encountered within 12 feet, the contractor shall contact the Engineer.
1. CONSTRUCTION OF THIS DRYWELL REQUIRES CITY OF HAILEY PRE-APPROVAL.

2. ALL SUBDIVIDERS AND APPLICANTS FOR COMMERCIAL OR INDUSTRIAL BUILDING PERMITS SHALL FURNISH DATA TO THE CITY WHICH SHOWS A DESIGN TO ACCOMMODATE THE RUN-OFF FROM A 1"/HOUR, 25 YEAR STORM.

3. AREA OF DRAINAGE IS _____ ACRES RESULTING IN A STORM EVENT FLOW OF ______cfs

4. SOIL INFILTRATION RATE ASSUMPTION IS ___" / MIN., RESULTING IN A NEED FOR APPROXIMATELY ______________ S.F. OF INFILTRATION AREA.

5. CONTRACTOR / OWNER SHALL SUBMIT IDAHO DEPARTMENT OF WATER RESOURCES (IWDR) SHALLOW INJECTION WELL INVENTORY FORM FOR EACH DRYWELL CONSTRUCTED TO THE CITY OF HAILEY.

6. SATELLITE CATCH BASINS MAY BE USED DIRECTLY UPSTREAM OF THIS DRYWELL. NO PRIMARY CATCH BASIN IS REQUIRED.
Manhole Frame and Cover per Hailey Standard Drawing 18.14.010.C.3

Location and Flow Line Elev. per Approved Construction Plans.

NOTES

2. All reinforcing steel shall be grade 60.
3. Precast or poured in place traps shall be approved by the City Engineer prior to construction.
4. Height of outlet baffle wall and length of inlet baffle wall determined by tank capacity and flow rate.
5. The City Engineer must give approval for the use of the grease and sand trap.
6. Elev. In must be greater than elev. B. Elev. Out must be less than elev. B. Unless otherwise approved by the City Engineer.
8. If distance from top of box to bottom of manhole form exceeds 12" use precast manhole riser plus a maximum of 12" of riser grade rings.
9. Provide steps when distance from top of manhole frame to top of box exceeds 24".
10. All pipe protrusions shall have a water tight seal.

Concrete Riser Rings (max. 24") (typical)
For Vault Depth Greater Than 24", Use Precast Manhole Sections.

OUTLET BAFFLE WALL

INLET BAFFLE WALL

11"

ELEV. IN > ELEV. B
ELEV. OUT < ELEV. B
Unless Otherwise Approved By The City Engineer

SECTION A-A

2012 CITY OF HAILEY STANDARD DRAWINGS

GREASE AND SAND TRAP

1. All Driveway Approaches Require Special Approval of the City Engineer Before Construction.

2. Minimum Approach Width for Standard Driveways:
   - Residential: 12 Feet
   - Joint Use—Residential: 30 Feet
   - Other Zones: 20–40 Feet

3. Driveways Over 15 Feet Shall Have Contraction Joints at a maximum of 15 Feet. (15’–30’ Driveway Contraction Joint Shall be Centered.)

4. Location at Street Corner:
   - Residential — Not Closer Than 10 Feet to the Extended Property Line.
   - Commercial, Industrial — Not Closer Than 25 Feet to the Extended Property Line.

**NOTES**

**SECTION A–A**

**TYPICAL CURB CUT & DRIVEWAY APPROACH**

**REVISIONS**

2012 CITY OF HAILEY STANDARD DRAWINGS

CONCRETE DRIVEWAY APPROACHES

STANDARD CURB CUT RAMP

LOCATION OF TYPICAL PEDESTRIAN RAMPS

Include Detectable Warning Standard Pre-manufactured Cast-in-place Units (unpainted CAST IRON)

Manufacturer: Neenah or Approved Equal Meeting ADA Standards

Neenah Cast Iron Truncated Dome Detectable Warning Plate (or approved equal) installed at time of concrete pour. Width of warning plate to match width of ramp. (typical)

OPTIONAL CURB CUT RAMP

Type I Crushed Aggr. per ISPWC Section 802-Crushed Aggregate

SECTION A-A'

TYPICAL INTERSECTION DETAIL
(IN NON-CURB LOCATIONS)

N.T.S.

NOTES

1. A drainage swale across the sidewalk may be constructed with prior approval by the City Engineer.

2. Sidewalk shall be 2' from property line.
TYPICAL CURBED STREET SECTION

NOTES

1. Tolerance for crown slope shall be 0.5%.
2. Crushed Aggregate shall meet the requirements of the current edition of the ISPCWC Standards—Section 802—Crushed Aggregate.
3. Uncrushed Aggregate shall meet the requirements of the current edition of the ISPCWC Standards—Section 801—Uncrushed Aggregate.
TYPICAL STREET SECTION

NOTES

1. Tolerance for crown slope shall be 0.5%.
2. Crushed Aggregate shall meet the requirements of the current edition of the ISPWC Standards—Section 802—Crushed Aggregate.
3. Uncrushed Aggregate shall meet the requirements of the current edition of the ISPWC Standards—Section 801—Uncrushed Aggregate.
4. Pitch slopes may vary based upon Approved Construction Plans.

*6" Uncrushed Aggregate Material may be Substituted by Approval of City Engineer.

0.33" of Type I Crushed Aggregate per ISPWC Section 802—Crushed Aggregate.
0.5" of Type II Crushed Aggregate per ISPWC Section 802—Crushed Aggregate.
0.25" Plant Mix Pavement

Compact Subgrade to 95% of Standard Proctor Per ASTM D-698

See Drawing No. 18.14.012.K.2 for Typical Driveway Approach
Reference is hereby made to Hailey Code and Standard Drawings, with specific reference as follows:

Hailey Code 18.06.026 for Street Tree Guidelines
Hailey Standard Drawing 18.14.014.F for Tree Well Details, Paver, Electrical, and Irrigation references
Hailey Standard Drawing 18.14.012.E for initial Bulb dimensions (use 10' curb tangents between curves)

Notes:
1) Street Light Spacing: 1 on each intersection corner/bulb out plus 2 mid block on each side (approximately every 100' along the block face). Mid block lights should be spaced between trees to prevent canopy interference. Maintain minimum clearance of 6' between outside edge of light and planter area.

2) All lights must be a minimum of 6' from center of foundation to back of curb to prevent light fixture from hanging over curb line and getting damaged by heavy equipment during snow removal. Only short bollards for electrical outlets allowed behind pathway to reduce handlebar conflicts.

3) Some tree wells may be increased beyond the 81" (6.75') standard, up to a maximum total increase of 10' each direction if tree spacing is at least 40' on center, at the discretion of the City (see dashed lines). Width might be allowed to increase into the concrete as long as there is 6' minimum sidewalk width. A maintenance agreement will be required for enlarged tree well areas and will include items such as vegetation care, irrigation, electrical, and adjoining snow removal. No Tree well extension allowed on closest River Street tree to bulbout.

4) Extend pavers through Reserve area if area is hardscape.

5) "Head in" parking on River Street will be transitioned to "parallel parking only" during snow removal operations. Sign bases shall be included in new designs at locations directed by Public Works for accommodation of seasonal winter signage declaring the parking geometry change.

Note: Contact the City of Hailey for additional details related to this drawing.
EXISTING 1/2 RIGHT OF WAY

EXISTING PAVEMENT

Saw Cut Existing Pavement

2.5%

Existing Street Section (Retain & Protect)

Existing Pavement

Existing Base

2.5%

12" Min.

Required Widening Width (3' Min.)

Tack Coat Edges

CURB & GUTTER & SIDEWALK as Required

TYPICAL STREET WIDENING

N.T.S.

NOTES

1. Asphalt match shall drain toward edge of pavement or concrete curb and shall have a cross slope of 2.5%±0.5%. Cross slope of 4% maximum may be allowed with prior approval by City Engineer.

2. Existing asphalt shall be sawcut to a neat straight line parallel and/or perpendicular to the centerline of the street. Edges shall be sealed with an asphalt tack coat before paving.
## Parking Tables

<table>
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<th>B</th>
<th>C</th>
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<tr>
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<td>10°⁰</td>
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<td>10.0</td>
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</table>

## Parking Plan Layout

- **A.** Parking Angle
- **B.** Stall Width
- **C.** Stall to Curb
- **D.** Curb Length Per Car

---

2012 City of Hailey Standard Drawings

On-Street Parking Standards

18.14.012.H.1

Drawing No.
## ON-SITE PARKING DIMENSIONS (shown in feet)

<table>
<thead>
<tr>
<th>Parking Angle (A)</th>
<th>Stall Width (B)</th>
<th>Stall Depth (C)</th>
<th>Aisle Width (D)</th>
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</tr>
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<td>9</td>
<td>21</td>
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</tr>
<tr>
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<td>22</td>
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<td>ADA</td>
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</tr>
<tr>
<td>Compact</td>
<td>8</td>
<td>16</td>
<td>same as above</td>
</tr>
</tbody>
</table>

### PARKING PLAN LAYOUT

- **A.** PARKING ANGLE
- **B.** STALL WIDTH
- **C.** STALL DEPTH
- **D.** AISLE WIDTH
TYPICAL PATHWAY SECTION

NOTEs

1. Tolerance for crown slope shall be 0.5%. 
2. Crushed Aggregate shall meet the requirements of the current edition of the ISPWc Standards—Section 802—Crushed Aggregate.
TYPICAL DRIVEWAY APPROACH
N.T.S.

NOTES
1. All driveway approaches require special approval of the City Engineer before construction. A culvert may be substituted for the swale with prior approval. Minimum culvert size shall be 12" diameter.

2. Maximum approach width for standard driveways:
   - Residential: 20 feet maximum
   - Joint use: 30 feet maximum
   - Other zones: 40 feet maximum

3. Driveway approaches to be the responsibility of the developer or lot owner.

4. Residential approaches shall not be constructed closer than 10 feet from extended Property lines, UNLESS STORM DRAINAGE, INCLUDING DRIVEWAY SWALE, IS INTEGRATED ON SITE.

5. Individual lot owners are responsible for maintenance of driveway and driveway shoulder. Any surface repair due to utility maintenance is at owner expense.

6. Crushed aggregate shall meet the requirements of the current edition of the ISPWC standards-section 802-crushed aggregate.

7. Obstacles in this and other areas may result in reduced City snow "peeling" and "plowing" benefits. Refer to "Winter Information" on the City website under Public Works - Streets for snow operations and how to plan for maximum benefit from City snow removal efforts.

SECTION A-A'
N.T.S.

SECTION B-B'
(WITHOUT SIDEWALK)
N.T.S.

SECTION B-B'
(WITH SIDEWALK)
N.T.S.

2022 CITY OF HAILEY
STANDARD DRAWINGS

DRIVEWAY APPROACH
NOTES

1. A Major Street is considered to be all streets except those in residential developed areas.

2. Radius of intersections for Major Streets may vary due to various design vehicles & turning movements as determined by the engineer.
NOTES
1. This Typical Section is the desired layout for a new development.
2. Owner/Developer shall show all proposed utility locations on the Approved Construction Plan.
3. Power transformer boxes & telephone risers are to be located at lot corners not common with water services.
SIGN POST INSTALLATION DETAIL
WITH ONE PIECE ANCHOR POST
FOR USE IN CONCRETE SIDEWALKS
N.T.S.

NOTES:
1. Anchor sleeves shall be installed so that the holes will align and the top be flush with the sign post anchor.
2. All installations shall have 8" square concrete foundations or grouted into solid rock.

ROAD SIGN DETAIL
N.T.S.

NOTES:
1. All Street Signs shall be in accordance with the most current edition of the MUTCD.
2. Sign placement shall be approved by the City of Hailey.
1. Non-fused wire connectors required on neutral of 120 volt to ground circuits.
2. Non fusible link required on grounding conductors of all breakaway installations.
3. Fused wire connectors required on 120 & 240 volt phase to phase to ground circuits.

NOTE: INSTALL BUSHING REQUIRED WHEN METALLIC CONDUIT IS USED.

DETAIL 1
FUSED "INLINE" WIRE CONNECTOR

BREAKAWAY SUPPORT COUPLING
INLINE TYPE CONNECTOR INSTALLATION

2018 CITY OF HAILEY
STANDARD DRAWINGS

LIGHT POLE PEDESTAL DETAILS

DRAWING NO. 18.14.014.E.1

NOTES:
1. The foundation shall be located as indicated on the project plan sheets.
2. All conduits, elbows and couplings within and protruding from the foundation, shall be Rigid Steel. The remaining conduits shall be as shown on the plans.
3. Stubouts shall be terminated with a Steel Bonded Bushing.
4. Ground in accordance with N.E.C.
5. Conduit shall be installed in such a manner as to not cause modification of the cabinet.
6. Grade to provide drainage away from cabinet foundation.
7. Service pedestal equipment shall be submitted and approved by the City Engineer.
Rockford Harbor Series Pole

Aluminum, SiteLink Straight L5J Shaft
Tenon: 4.38"x11", Finish: Holophane Black
(1)GFI Receptacle with Small, In-Use Weatherproof Cover
(1)Set 3/4"x18" Anchor Bolts

Cordoba Series Roadway Arm
w/QSM for For a Single Stem Mounted Fixture

Bern GlasWerks LED
650mA Drive Current, 2700 Series CCT
AutoSensing Voltage (120-277)
Stem Mounting, Black Finish
Type 3 Symmetric Full Cutoff LED Distribution
Existing QSM Fitter

LOADING DATA
WIND LOADING:
90MPH
1.14 GUST
AASHTO 2013

INITIAL INSTALLATION:
4.62 SQ FT
(EQUIV. POLE TOP EPA)
141.0 LBS
(CURRENT LOADING WT)

FUTURE INSTALLATION:
20.0 SQ FT
(ADDT'L EQUIV. POLE TOP EPA)
500.0 LBS
(ADDT'L LOADING CAPACITY)

Anchorage Detail

CUSTOMER NOTES:
1. CUSTOMER SHALL VERIFY RECEPTACLE LOCATION ON POLE
   AND PROVIDE PRIOR TO PRODUCTION.
2. ANCHORAGE DETAIL PROVIDED FOR VISUAL ONLY - DO NOT
   USE TO SET ANCHOR BOLTS.
3. SIGNED APPROVAL TO ACCOMPANY PO.

Catalog No:
Pole: RHAT5LSJ18PXX(4.38X113BK R144D RDF319568
Anchor Bolts: AB-31-4
Receptacle: FGUS-SBK
Planter Arm: PBA18L4SBK RDF319568
Roadway Arm: CR30Y1CABK-QSM
Fixture: GLBF2P4O27KA54BL3 RDF319569

Customer Signature

Date

2021 CITY OF HAILEY
STANDARD DRAWINGS

STREET LIGHT DETAIL
STANDARD FEATURES:

- STANDARD VOLTAGE 120/240V 1Ø 3W.
- METER SOCKET: 4 JAW, 100 AMPS OR 200 AMPS.
- METER SOCKET WITH TEST BLOCKS.
- 12 CIRCUIT COPPER BUSSED INTERIOR.
- MAIN BREAKER: 100 AMP OR 200 AMP, 10K AIC.
- UTILITY LANDING LUGS: 200 AMPS, 250 KCMIL.
- UTILITY TEST SECTION.
- VANDAL-RESISTANT HINGED DOOR AND DEAD FRONT.
- LIGHT GREEN POWER COAT FINISHED IN ACCORDANCE WITH ASTM B-117. CUSTOM COLORS AVAILABLE.

OPTIONAL FEATURES:

- MAXIMUM VOLTAGE 480Y/277V 3Ø 4W (MAY EFFECT OPTION EQUIPMENT).
- 12 CIRCUIT INTERIOR MAY BE INCREASED TO 30 CIRCUIT.
- HIGHER AIC AVAILABLE UPON REQUEST.
- P.E. CELL, TEST SWITCH, LIGHTING RELAY MAY BE ADDED TO STANDARD.
- SOME EQUIPMENT MODIFICATIONS AVAILABLE. CONSULT YOUR FACTORY REPRESENTATIVE.
- METER SOCKETS: 5 JAW OR 7 JAW, 100 AMPS OR 200 AMPS.
- UNI-BODY CONSTRUCTION AVAILABLE IN STEEL, STAINLESS STEEL, AND ALUMINUM.
- PAD MOUNTING BASE AVAILABLE FOR CONCRETE FOUNDATION. ORDER SEPARATELY - MEUG16-BASE.
- ANCHOR BOLTS. ORDER SEPARATELY - 714548 (QUANTITY 4)

SPECIFICATIONS:

- 12-GUAGE CORROSION-RESISTANT ZINC COATED STEEL CONSTRUCTION. HOOD AND COVERS 14-GUAGE.
- RAINPROOF TYPE 3R ENCLOSURE.
- COMPLIES WITH CALTRANS SPECIFICATION ES-2E.
- MEETS ELUGER 308 REQUIREMENTS.
- ALL FACTORY WIRING IS 600 VOLT RATED COPPER.
- ACCEPTABLE CIRCUIT BREAKERS ARE GE, ITE, CROUSE-HINDS/MURRAY, CUTLER-HAMMER.
- SUITABLE FOR USE WITHOUT MAIN WHEN NO MORE THAN SIX SERVICE DISCONNECTS ARE INSTALLED AND USED IN ACCORDANCE WITH ARTICLE 384 OF THE NEC.
- LISTED BY UNDERWRITERS LABORATORIES, INC. 12-GUAGE

STANDARD MODELS

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<th>CATALOG NO.</th>
<th>AMPS</th>
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FOR ALUMINUM ENCLOSURE, ORDER MEUG16A-
FOR STAINLESS STEEL ENCLOSURE, ORDER MEUG16X-

FRONT VIEW

BOTTOM VIEW

SIDE VIEW

2018 CITY OF HAILEY
STANDARD DRAWINGS

LIGHT CONTROL DETAIL
IRRIGATION LINES
MAINLINE: 2" POLY PIPE
SECONDARY: 3/4" POLY PIPE WITH FILTER

3" BOLLARD WITH
ELECTRICAL OUTLET

2" PVC SCHEDULE 80
ELECTRICAL CONDUIT

ELECTRICAL JUNCTION BOX
WITH TRAFFIC RATED BOX

CONCRETE CURB AND GUTTER

CONCRETE SIDEWALK

NOTE:
1. TREE TYPE / GRASS DETERMINED BY THE CITY ARBORIST.
2. SEE CITY ORDINANCE 18.06.026 FOR STREET TREES GUIDELINES AND STANDARDS.