CULVERT 36" I.E.=2080.15

CULVERT 36" I.E.=2080.39

4' WIRE FENCE

6' CHAIN LINK FENCE

16' GATE

4' GATE

5' CHAIN LINK FENCE

TBM #2

TBM #1

SEWER MANHOLE

RIM EL=2095.63

10" I.E.= 2086.77 (N)

10" I.E.= 2086.81 (S)

SEWER MANHOLE

RIM EL=2085.31

10" I.E.= 2073.79 (N)

10" I.E.= 2073.82 (S)

STREET SIGN

E. CIMMARON DR

S. SUNDERLAND DR

TEST PIT

TEST PIT

TEST PIT

TEST PIT

TEST PIT

DRYWELL

RIM EL=2084.86

ROCK

ROLLED CURB

4' WIRE FENCE

4' WIRE FENCE

6' CHAIN LINK FENCE

PROPERTY LINE

PROPERTY LINE

PROPERTY LINE

PROPERTY LINE

PROPERTY LINE

PROPERTY LINE

DRAINAGE STRUCTURE

OR END OF PIPE

NOT FOUND

INGRESS-EGRESS AND
UTILITY EASEMENT

60.00'

POINT #

NORTHING

245796.09

246093.66

EASTING

2518306.24

2518224.10

ELEVATION

2094.20

2081.14

DESCRIPTION

SET MAG

SET 3RB

Know what's
below.

before you dig.

Call
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

UTILITY STATEMENT

1. FIELD SURVEY COMPLETED IN JULY 2019.

2. THIS DRAWING HAS BEEN PREPARED FOR TOPOGRAPHIC DESIGN PURPOSES ONLY AND DOES NOT REPRESENT A FORMAL BOUNDARY SURVEY BY COFFMAN ENGINEERS. PROPERTY LINES SHOWN ARE APPROXIMATE, BASED ON RECORD INFORMATION AND FOUND MONUMENTATION.

NOTES

SURVEY PERFORMED USING A LEICA TCRP 1203 ONE SECOND ROBOTIC TOTAL STATION, A LEICA MS-60 ONE SECOND ROBOTIC MULTI STATION. FIELD TRAVERSE METHODS PER WAC 332-130-090 PART C.

ELEVATION DATUM

NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88). GEOID 12B

HORIZONTAL DATUM

WORLD GEODETIC SYSTEM 1984 (WGS 84). NORTH ZONE, U.S. FOOT

ACCURACY STATEMENT

FURTHER INFORMATION CONCERNING THE QUALITY OF THE SURVEYED DATA CAN BE OBTAINED FROM THE SURVEYOR OR COMPANY MANAGING THE SURVEY

NOTES:

1. FIELD SURVEY COMPLETED IN JULY 2019.

2. COFFMAN ASSUMES NO RESPONSIBILITY FOR ANY DAMAGE TO PERSONS OR PROPERTY RESULTING FROM THE USE OF THIS MAP. USE AT YOUR OWN RISK.

PHILLIPS CREEK TRAILHEAD TOPOGRAPHIC SURVEY

PHILLIPS CREEK TRAILHEAD IMPROVEMENTS

4102 S SUNDERLAND DR.

SPOKANE VALLEY, WA 99206
**DESTRUCTION SCHEDULE**

- **DESCRIPTION:**
  - REMOVE AND DISPOSE OF EXISTING WIRE FENCE.
  - REMOVE AND DISPOSE OF EXISTING CHAIN LINK FENCE AND GATES.
  - FENCE AND GATES TO REMAIN IN-PLACE UNTIL THE END OF THE PROJECT FOR SECURITY. COORDINATE REMOVAL WITH OWNER AND LANDSCAPE ARCHITECT.
  - REMOVE AND DISPOSE OF EXISTING TREE.

---

**DESTRUCTION PLAN**

- **NORTH 0 feet**
- **SOUTH**
- **EAST**
- **WEST**
- **08/08/20**
- **FILE LOCATION:** P:\1855 Phillips Creek Trailhead\Drawings\1855.Demo.dwg

---

**CONSULTANT:**

---

**SEAL:**

---

**SHEET TITLE:**

---

**FILE LOCATION:** P:\1855 Phillips Creek Trailhead\Drawings\1855.Demo.dwg
1. **CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS AND STANDARDS OF THE ADVISORY HANDHELD DEVICES. IF STANDARDS ARE NOT COMPLIED WITH, THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY VIOLATION OF THE CONTRACT REQUIREMENTS.**

2. **THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS AND STANDARDS OF THE ADVISORY HANDHELD DEVICES. IF STANDARDS ARE NOT COMPLIED WITH, THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY VIOLATION OF THE CONTRACT REQUIREMENTS.**

3. **THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS AND STANDARDS OF THE ADVISORY HANDHELD DEVICES. IF STANDARDS ARE NOT COMPLIED WITH, THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY VIOLATION OF THE CONTRACT REQUIREMENTS.**

4. **THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS AND STANDARDS OF THE ADVISORY HANDHELD DEVICES. IF STANDARDS ARE NOT COMPLIED WITH, THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY VIOLATION OF THE CONTRACT REQUIREMENTS.**

5. **THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS AND STANDARDS OF THE ADVISORY HANDHELD DEVICES. IF STANDARDS ARE NOT COMPLIED WITH, THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY VIOLATION OF THE CONTRACT REQUIREMENTS.**


7. **THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS AND STANDARDS OF THE ADVISORY HANDHELD DEVICES. IF STANDARDS ARE NOT COMPLIED WITH, THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY VIOLATION OF THE CONTRACT REQUIREMENTS.**

8. **THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS AND STANDARDS OF THE ADVISORY HANDHELD DEVICES. IF STANDARDS ARE NOT COMPLIED WITH, THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY VIOLATION OF THE CONTRACT REQUIREMENTS.**


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11. **THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS AND STANDARDS OF THE ADVISORY HANDHELD DEVICES. IF STANDARDS ARE NOT COMPLIED WITH, THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY VIOLATION OF THE CONTRACT REQUIREMENTS.**

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25. **THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS AND STANDARDS OF THE ADVISORY HANDHELD DEVICES. IF STANDARDS ARE NOT COMPLIED WITH, THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY VIOLATION OF THE CONTRACT REQUIREMENTS.**
1. Refer to Sheet C-101 for general notes.
2. Refer to Sheets C-202 and C-203 for erosion and sediment control details.
3. Contractor shall reseed all disturbed areas at the following rates:
   - ALT DISHMAN MIX - 45 LBS/ACRE
   - 34% - WINTER WHEAT
   - 33% - MT. BROME GRASS
   - 16% - BLUE BUNCH WHEATGRASS
   - 7% - SHERMAN GRASS
   - 8% - JOSEPH
   - 2% - YARROW
4. Place straw wattles every 100 feet along driveway ditch.

*TBM NOT SHOWN ON PLANS.*
S. SUNDERLAND DRIVE
E. CIMMARON DR.

ASPHALT PAVEMENT
SEE NOTE 3

COMPACTED GRAVEL
SEE NOTE 4

DRIVEWAY ENTRANCE
SEE NOTE 6

EXISTING DRY CREEK BED TO REMAIN
SEE NOTE 2

CONCRETE WHEEL STOP
SEE NOTE 4 (TYP. OF 5)

PROPERTY LINE

NOTES:
1. REFER TO SHEET C-101 FOR GENERAL NOTES.
2. REFER TO LANDSCAPE PLANS FOR INFORMATION ON TRAILS, LANDSCAPING, SIGNING, AND STRIPING.
3. REFER TO DETAIL 1, SHEET C-501 FOR ASPHALT PAVEMENT DETAIL.
4. REFER TO DETAIL 2, SHEET C-501 FOR COMPACTED GRAVEL DETAIL.
5. REFER TO DETAIL 3, SHEET C-501 FOR CONCRETE WHEEL STOP DETAIL.
6. DRIVEWAY SHALL COMPLY WITH CITY OF SPOKANE VALLEY STANDARD PLAN R-116, RURAL APPROACH. DRIVEWAY SHALL BE CONCRETE.

UTILITY STATEMENT
LOCATION OF EXISTING UNDERGROUND UTILITIES HAVE BEEN TAKEN FROM DRAWINGS AND FIELD LOCATES SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES. UTILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EACH UTILITY.
LOCATION OF EACH UTILITY.

CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EACH UTILITY.

BEFORE BEGINNING ANY CONSTRUCTION, THE DRAWINGS AND FIELD LOCATES SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES.

SEE NOTES 2 AND 6.

STORM DRAIN PIPE SHALL BE HIGH DENSITY POLYETHYLENE (HDPE), TYPE S, WITH SMOOTH 12" IE IN = 2103.16 SEE NOTE 3

12" IE = 2106.40 SEE NOTE 6

STORM PIPE EXTENSION SHALL BE 36" ALUMINUM PIPES.

STORM DRAIN PIPE SHALL BE HIGH DENSITY POLYETHYLENE (HDPE), TYPE S, WITH SMOOTH 12" IE IN = 2103.16 SEE NOTE 3

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NOTES:
1. PLACE ACCEPTABLE SOIL MATERIAL IN LAYERS TO REQUIRED SUBGRADE ELEVATIONS.
2. MATERIAL AND COMPACTION REQUIREMENTS SHALL CONFORM WITH WSDOT STANDARDS AND
GEOTECHNICAL ENGINEERING RECOMMENDATIONS ASSOCIATED WITH THE SUBJECT SITE.
3. IF EXISTING SUBGRADE SOIL CONDITIONS INHIBIT PROPER COMPACTION, OVER EXCAVATE AND
REPLACE SOIL WITH APPROVED ONSITE MATERIAL OR IMPORTED MATERIAL. COORDINATE WITH
GEOTECHNICAL ENGINEER.

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REPLACE SOIL WITH APPROVED ONSITE MATERIAL OR IMPORTED MATERIAL. COORDINATE WITH
GEOTECHNICAL ENGINEER.
1. IPL TO PROVIDE AND INSTALL NEW POWER POLE AND CONNECT TO EXISTING OVERHEAD EXISTING IPL POWER POLE TO BE SHIFTED NEAR EXISTING FENCE AS SHOWN. MOUNTED CONTROL PANEL TO HANDHOLE IN THE IPL TRENCH PER SHEET NOTE 1. BOX PAD AREA. BOX PAD AND TRANSFORMER WILL BE PROVIDED AND INSTALLED BY IPL.

2. PROVIDE 36"D x 24"W TRENCH FROM WITHIN 1' OF NEW IPL POWER POLE TO BOX PAD UNDERGROUND CONDUIT AND WIRE AS NEEDED. POLE PER IPL SPECIFICATIONS. ASSUME 175' FOR BIDDING PURPOSES. IPL TO PROVIDE AND INSTALL AN ELECTRICAL OUTLET AT 19' ABOVE GRADE ON THE ISLAND POLE.

3. PROVIDE AND INSTALL 2"C WITH PULL STRING FROM UNISTRUT THE 2" CONDUIT WITHIN THE COMMON TRENCH. THE CONDUIT SHALL BE CAPPED IN THE WEBCAM PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR. CONTRACTOR TO ASSUME 200' FOR BIDDING PURPOSES.

4. SEE DETAIL 1 SHEET E-501 FOR UNISTRUT RACK DETAIL.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE ELECTRICAL CODE OF THE STATE OF WASHINGTON AND THE AUTHORITY HAVING JURISDICTION.

2. ALL WORK MUST BE CONSTRUCTED FOR SAFETY AND EFFECTIVENESS.

3. ALL TRANSFORMER SHALL BE IN ACCORDANCE WITH THE TRANSFORMER MANUFACTURER. ALL TRANSFORMER DATA TO BE PROVIDED BY THE TRANSFORMER MANUFACTURER PRIOR TO ORDERING.

4. ALL TRANSFORMER MUST MEET ALL SPECIFICATIONS AS STATED IN THE TRANSFORMER MANUFACTURER. SEE SHEET E-501 FOR SPECIFICATIONS.

5. ALL MINOR CIRCUIT BREAKER SHALL BE COPPER WITH 600V MAXIMUM VOLTAGE.

6. ALL TRANSFORMER SHEET METAL ENCLOSURE MOUNTED TO BE PROVIDED AND INSTALLED BY CONTRACTOR.

7. CONTRACTOR SHALL PROVIDE AND INSTALL 2" STRING AND PULL STRING FROM UNISTRUT TO BOX PAD.
1. PROVIDE AND INSTALL MILBANK CATALOG NUMBER U214MTBL OR APPROVED EQUAL.
2. PROVIDE AND INSTALL PHOENIX CONTACT RECEPTACLE CATALOG NUMBER 5600461 OR APPROVED EQUAL.
3. PROVIDE AND INSTALL PENTAIR 35MM DIN RAIL PART NUMBER ADNR3.
4. INSTALL REDLION ETHERNET SWITCH PART NUMBER 104TX.
5. PROVIDE AND INSTALL EATON DIN RAIL MOUNTABLE BREAKER PART NUMBER FAZ-C15-1-NA-SP.
6. PROVIDE AND INSTALL EATON DIN RAIL MOUNTABLE BREAKER PART NUMBER FAZ-C5-1-NA-SP.
7. PROVIDE AND INSTALL SAGER DIN RAIL MOUNTABLE 480W 120VAC TO 24VDC POWER SUPPLY PART NUMBER NDR-480-24.
8. PLUG POE INJECTORS FOR WEBCAM INTO RECEPTACLE.
9. MOUNT POE INJECTOR TO THE BOTTOM OF THE CONTROL ENCLOSURE ON THE INSIDE AS SHOWN. PROVIDE A CAT 6 CABLE FROM THE POE INJECTOR TO THE WEBCAM.
10. PROVIDE AND INSTALL HOFFMAN ENCLOSURE CATALOG NUMBER A16R166HCR W/ BACK PANEL A16P16 OR APPROVED EQUAL.
GENERAL PLANTING NOTES:

1. THE INFORMATION ON THIS SHEET IS INCOMPLETE UNLESS ACCOMPANIED BY THE CORRESPONDING SPECIFICATION SECTION(S) DEVELOPED FOR THIS PROJECT. REFER TO THOSE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

2. VERIFY LOCATION OF ALL EXISTING AND PROPOSED UTILITIES EITHER ABOVE OR BELOW GRADE PRIOR TO BEGINNING ANY WORK. COORDINATE WITH IRRIGATION CONTRACTOR TO AVOID CONFLICTS BETWEEN IRRIGATION EQUIPMENT AND TREE/SHRUB PLACEMENT.

3. VERIFY THAT SUB GRADE PREPARATION HAS BEEN COMPLETED TO ACCEPTABLE TOLERANCES PRIOR TO BEGINNING ANY WORK.

4. ALL WORK COMPLETED SHALL BE GUARANTEED PER SPECIFICATIONS.

5. LANDSCAPED AREAS TO RECEIVE 4" OF APPROVED TOPSOIL IN SEEDED AREAS AND 6" IN ALL SHRUB PLANTING AREAS.

6. COORDINATE WITH GENERAL CONTRACTOR FOR THE PROTECTION AND WATERING OF EXISTING PLANT MATERIAL FOR A PERIOD OF 1 YEAR FROM THE DATE OF PLANTING.

7. ALL NATIVE GRASS AREAS SHALL BE SEEDED AS PER SPECIFICATIONS AND THE EROSION AND SEDIMENT CONTROL PLAN.

8. PLANT SYMBOLS SHALL BE EXACT.

9. WHERE GREENLINE SHADE IS SHOWN ON SHEET, IT IS TO BE IN ACCORDANCE WITH SHEET SPECIFICATIONS AND SHEET PLANTING DETAILS PER SPECIFICATIONS.

10. HEIGHT OF VEGETATION LOCATED WITHIN THE SITE DISTANCE TRIANGLE SHALL COMPLY WITH SPOKANE VALLEY MUNICIPAL CODE FIGURE 22.70-1.

PLANT SCHEDULE

<table>
<thead>
<tr>
<th>CODE</th>
<th>PLANT SYMBOL</th>
<th>BEST DUG</th>
<th>SIZE</th>
<th>DETAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPO</td>
<td>PINUS PONDEROSA / PONDEROSA PINE</td>
<td>B &amp; B</td>
<td>6` HT.</td>
<td>5/L-500</td>
</tr>
<tr>
<td>AAS</td>
<td>AMELANCHIER ALNIFOLIA / SERVICEBERRY</td>
<td>5 GAL</td>
<td>5 GAL</td>
<td>6/L-500</td>
</tr>
<tr>
<td>CNR</td>
<td>CHRYSOTHAMNUS NAUSEOSUS / RABBITBRUSH</td>
<td>1 GAL</td>
<td>1 GAL</td>
<td>6/L-500</td>
</tr>
<tr>
<td>JS</td>
<td>JUNIPERUS SCOPULORUM / ROCKY MOUNTAIN JUNIPER</td>
<td>5 GAL OR 3` HGT.</td>
<td>5 GAL OR 3` HGT.</td>
<td>6/L-500</td>
</tr>
<tr>
<td>PFR</td>
<td>PENSTEMON <code>FRUITICOSUS</code> / SHRUBBY PENSTEMON</td>
<td>1 GAL</td>
<td>1 GAL</td>
<td>6/L-500</td>
</tr>
<tr>
<td>RG</td>
<td>RIBES AUREUM / GOLDEN CURRANT</td>
<td>1 GAL</td>
<td>1 GAL</td>
<td>6/L-500</td>
</tr>
</tbody>
</table>

EXISTING DRIVE

SITE DISTANCE TRIANGLE 15'x280' PER SVMC FIGURE 22.70-1

ENSURE THAT EXISTING GRADES ALLOW THE GATE TO OPEN TO THE LOCK POST.
NOTES:
1. STEEL SLEEVE SET 1'-0" (EDGE OF DRIPLINE) (EDGE OF DRIPLINE)
2. CUT WIRE BASKET VERTICALLY FROM TOP TO BOTTOM A MINIMUM OF 2 TIMES THE SIZE OF ROOTBALL
3. PRIOR TO PLACEMENT REMOVE ALL NON-ORGANIC WRAPPING AND ENDS OF مركز
4. PRIOR TO PLACEMENT REMOVE ALL NON-ORGANIC WRAPPING AND ENDS OF مركز
5. CREATE EARTHEN SAUCER WITH TOPSOIL MIX AROUND ALL PLANTS.
6. PROVIDE ACCESSIBLE PARKING STALL SIGN AS PER ADA STANDARDS.
7. PROVIDE ACCESSIBLE PARKING SYMBOL AS SHOWN ON PLANS.
8. INSTALL BOULDERS/BASALT RANGING IN SIZE AS INDICATED ON PLAN. BOULDER TO BE BURIED TO 1/3 OF THEIR DEPTH.
9. REMOVE ALL NON-ORGANIC WRAPPING AND ENDS OF مركز
10. ADJUST DIAMETER OF PROTECTIVE FENCE TO PREVENT ANTICIPATED DAMAGE BY EQUIPMENT.
PORTABLE RESTROOM ENCLOSURE

NOTES:

1. REFER TO PLANS/DRAWINGS FOR PORTABLE RESTROOM ENCLOSURE FOR LOCATION, SIZE, AND MATERIALS.
2. STANDING SEAM METAL ROOF ASSEMBLY RED IN COLOR MATCH EXISTING PICNIC SHELTER.
3. CONCRETE WALK TO BE COMPLIANT WITH ANY EXISTING SPECIFICATIONS.
4. METAL SHEETING TO BE SQUARE STAINLESS STEEL, TYPE 304, WOVEN - PLAIN WEAVE, 2Z2 MESH, 0.365" X 0.365" OPENING PROVIDING 53% OPEN AREA BY UNDISTURBED NATIVE SOIL.
5. METAL SHEETING TO BE SQUARE STAINLESS STEEL, TYPE 304, WOVEN - PLAIN WEAVE, 2Z2 MESH, 0.365" X 0.365" OPENING PROVIDING 53% OPEN AREA BY UNDISTURBED NATIVE SOIL.
6. CLEAN AND GRIND ALL WELDS PRIOR TO PAINTING.
7. CLEAN AND GRIND ALL WELDS PRIOR TO PAINTING.
8. INSTALLATION SHALL BE COORDINATED WITH CONCRETE WORK.
9. EMBEDDED ANCHORS SHALL BE SQUARELY PLACED IN UNDISTURBED NATIVE SOIL.
10. ALL METAL SURFACES SHALL FINISHED WITH AN AUTOMOTIVE PAINT AND SATIN FINISH. PROVIDE COLOR SAMPLES TO OWNER FOR APPROVAL.
11. METAL SHALL BE TREATED PRIMED AND PAINTED IN ACCORDANCE WITH STANDARD PRACTICES FOR EXTERIOR METAL FINISHES.

CONCRETE WALK

1. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION ON CONCRETE FINISHES AND TREATMENT.
2. CONCRETE WALK TO BE COMPLIANT WITH ANY EXISTING SPECIFICATIONS.
3. CONTRACTOR RESPONSIBLE FOR SEATING, HANDRAILS, AND OTHER ACCESSORIES AS DEFINED IN SPECIFICATIONS.

PERSPECTIVE

ENLARGEMENT

SIDE ELEVATION

ELEVATION