



City of Ketchum

CITY COUNCIL MEETING AGENDA MEMO

Meeting Date: Staff Member/Dept:

Agenda Item:

Recommended Motion:

Reasons for Recommendation:

-
-
-

Policy Analysis and Background (non-consent items only):

Sustainability Impact:

Financial Impact:

Attachments:

-
-

WHEN RECORDED, PLEASE RETURN TO:

**OFFICE OF THE CITY CLERK
CITY OF KETCHUM
POST OFFICE BOX 2315
KETCHUM, IDAHO 83340**

RIGHT-OF-WAY ENCROACHMENT AGREEMENT 22836

THIS AGREEMENT, made and entered into this ____ day of ____, 2023, by and between the CITY OF KETCHUM, IDAHO, a municipal corporation ("Ketchum"), whose address is Post Office Box 2315, Ketchum, Idaho and _____, representing Cox Communications (collectively referred to as "Owner"), whose address is 3031 N 120th St., Omaha, NE 68164.

RECITALS

WHEREAS, Owner wishes to permit placement of a new telecommunications vault and replace an existing pedestal on the northwest corner of Warm Springs Road and East Canyon Run Blvd. These improvements are shown in Exhibit "A" attached hereto and incorporated herein (collectively referred to as the "Improvements"); and,

WHEREAS, Ketchum finds that said Improvements will not impede the use of said public right-of-way at this time subject to the terms and provisions of this Agreement;

WHEREAS, the Owner will restore the sidewalk, street, curb and gutter and any landscaping back to the original condition acceptable to the Streets and Facilities Director;

NOW, THEREFORE, in contemplation of the above stated facts and objectives, it is hereby agreed as follows:

TERMS AND CONDITIONS

1. Ketchum shall permit Owner to install telecommunication infrastructure identified in Exhibit "A" within the public right-of-way on the northwest corner of Warm Springs Avenue and East Canyon Run Blvd, until notified by Ketchum to remove the infrastructure at which time Owner shall remove infrastructure at Owner's expense.

2. Owner shall be responsible for the maintenance of said Improvements and shall repair said improvements within 48 hours upon notice from Ketchum that repairs are needed. Any modification to the improvements identified in Exhibit "A" shall be approved by the City prior to any modifications taking place.

3. Owner shall be responsible for restoring the sidewalk, curb and gutter and landscaping that is altered due to the construction and installation of the vault, to the satisfaction of the Director of Streets and Facilities.

4. In consideration of Ketchum allowing Owner to maintain the Improvements in the public right-of-way, Owner agrees to indemnify and hold harmless Ketchum from and against any and all claims of liability for any injury or damage to any person or property arising from the

Improvements constructed, installed and maintained in the public right-of-way. Owner shall further indemnify and hold Ketchum harmless from and against any and all claims arising from any breach or default in the performance of any obligation on Owner's part to be performed under this Agreement, or arising from any negligence of Owner or Owner's agents, contractors or employees and from and against all costs, attorney's fees, expenses and liabilities incurred in the defense of any such action or proceeding brought thereon. In the event any action or proceeding is brought against Ketchum by reason of such claim, Owner, upon notice from Ketchum, shall defend Ketchum at Owner's expense by counsel satisfactory to Ketchum. Owner, as a material part of the consideration to Ketchum, hereby assumes all risk of damages to property or injury to persons in, upon or about the Improvements constructed, installed and maintained in the public right-of-way arising from the construction, installation and maintenance of said Improvements and Owner hereby waives all claims in respect thereof against Ketchum.

5. Ketchum shall not be liable for injury to Owner's business or loss of income therefrom or for damage which may be sustained by the person, goods, wares, merchandise or property of Owner, its tenants, employees, invitees, customers, agents or contractors or any other person in or about the Subject Property caused by or resulting from the Improvements constructed, installed, removed or maintained in the public right-of-way.

6. Owner understands and agrees that by maintaining the Improvements in the public right-of-way pursuant to this Agreement, Owner obtains no claim or interest in said public right-of-way which is adverse to that of Ketchum and that Owner obtains no exclusive right to said public right-of-way nor any other right to use the public right-of-way not specifically described herein.

7. In the event either party hereto retains an attorney to enforce any of the rights, duties and obligations arising out of this Agreement, the prevailing party shall be entitled to recover from the non-prevailing party reasonable attorney's fees at the trial and appellate levels and, whether or not litigation is actually instituted.

8. This Agreement shall be governed by, construed, and enforced in accordance with the laws and decisions of the State of Idaho. Venue shall be in the District Court of the fifth Judicial District of the State of Idaho.

9. This Agreement sets forth the entire understanding of the parties hereto and shall not be changed or terminated orally. It is understood and agreed by the parties hereto that there are no verbal promises or implied promises, agreements, stipulations or other representations of any kind or character pertaining to the Improvements maintained in the public right-of-way other than as set forth in this Agreement.

10. No presumption shall exist in favor of or against any party to this Agreement as the result of the drafting and preparation of this document.

11. This Agreement shall be recorded with the Blaine County Recorder by Ketchum.

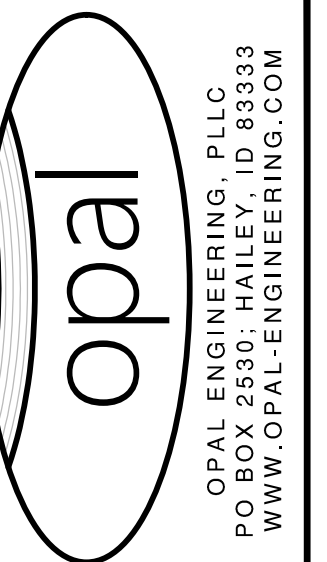
12. The parties fully understand all of the provisions of this Agreement, and believe them to be fair, just, adequate, and reasonable, and accordingly accept the provisions of this Agreement freely and voluntarily.

EXHIBIT "A"

COX COMMUNICATIONS

WARM SPRINGS ROAD AND E CANYON RUN BOULEVARD

DECEMBER 2022



OPAL ENGINEERING, PLLC
PO BOX 2630 - HAILEY, ID 83333
WWW.OPAL-ENGINEERING.COM

GENERAL CONSTRUCTIONS NOTES

- ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MOST CURRENT EDITION OF THE "IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION" (ISPCW) AND CITY OF KETCHUM STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND KEEPING A COPY OF THE ISPCW AND CITY OF KETCHUM STANDARDS ON SITE DURING CONSTRUCTION.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS IN AN APPROXIMATE WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING UTILITIES PRIOR TO COMMENCING AND DURING THE CONSTRUCTION. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH RESULT FROM HIS FAILURE TO ACCURATELY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. CONTRACTOR SHALL CALL DIGLINE (1-800-342-1585) TO LOCATE ALL EXISTING UNDERGROUND UTILITIES A MINIMUM OF 48 HOURS IN ADVANCE OF EXCAVATION.
- CONTRACTOR SHALL COORDINATE RELOCATIONS OF DRY UTILITY FACILITIES (POWER, CABLE, PHONE, TV) WITH THE APPROPRIATE UTILITY FRANCHISE.
- THE CONTRACTOR SHALL CLEAN UP THE SITE AFTER CONSTRUCTION SO THAT IT IS IN A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION (THIS MAY INCLUDE ENCROACHMENT PERMITS AND NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERAL PERMIT (CGP) PERMIT COVERAGE).
- ALL CLEARING & GRUBBING SHALL CONFORM TO ISPCW SECTION 201.
- ALL EXCAVATION & EMBANKMENT SHALL CONFORM TO ISPCW SECTION 202. SUBGRADE SHALL BE EXCAVATED AND SHAPED TO LINE, GRADE, AND CROSS-SECTION SHOWN ON THE PLANS. THE SUBGRADE SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-698. THE CONTRACTOR SHALL WATER OR AERATE SUBGRADE AS NECESSARY TO OBTAIN OPTIMUM MOISTURE CONTENT. IN-LIEU OF DENSITY MEASUREMENTS, THE SUBGRADE MAY BE PROOF-ROLLED TO THE APPROVAL OF THE ENGINEER.
 - PROOF-ROLLING: AFTER EXCAVATION TO THE SUBGRADE ELEVATION AND PRIOR TO PLACING COURSE GRAVEL, THE CONTRACTOR SHALL PROOF ROLL THE SUBGRADE WITH A 5-TON SMOOTH DRUM ROLLER, LOADED WATER TRUCK, OR LOADED DUMP TRUCK, AS ACCEPTED BY THE ENGINEER. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF UNSUITABLE SUBGRADE MATERIAL AREAS, AND/OR AREAS NOT CAPABLE OF COMPACTION ACCORDING TO THESE SPECIFICATIONS. UNSUITABLE OR DAMAGED SUBGRADE IS WHEN THE SOIL MOVES, PUMPS AND/OR DISPLACES UNDER ANY TYPE OF PRESSURE INCLUDING FOOT TRAFFIC LOADS.
 - IF, IN THE OPINION OF THE ENGINEER, THE CONTRACTOR'S OPERATIONS RESULT IN DAMAGE TO, OR PROTECTION OF, THE SUBGRADE, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, REPAIR THE DAMAGED SUBGRADE BY OVER-EXCAVATION OF UNSUITABLE MATERIAL TO FIRM SUBSOIL, LINE EXCAVATION WITH GEOTEXTILE FABRIC, AND BACKFILL WITH PIT RUN GRAVEL.
- ALL 2" MINUS GRAVEL SHALL CONFORM TO ISPCW 802, TYPE II (ITD STANDARD 703.04, 2"), SHALL BE PLACED IN CONFORMANCE WITH ISPCW SECTION 801 AND COMPACTED PER SECTION 202. MINIMUM COMPACTION OF PLACED MATERIAL SHALL BE 90% OF MAXIMUM LABORATORY DENSITY AS DETERMINED BY AASHTO T-99.
- ALL 3/4" MINUS CRUSHED GRAVEL SHALL CONFORM TO ISPCW 802, TYPE I (ITD STANDARD 703.04, 3/4" B), SHALL BE PLACED IN CONFORMANCE WITH ISPCW SECTION 802 AND COMPACTED PER SECTION 202. MINIMUM COMPACTION OF PLACED MATERIAL SHALL BE 95% OF MAXIMUM LABORATORY DENSITY AS DETERMINED BY AASHTO T-99 OR ITD T-91.
- ALL ASPHALTIC CONCRETE PAVEMENT WORK SHALL CONFORM TO ISPCW SECTION(S) 805, 810, AND 811 FOR CLASS II PAVEMENT. ASPHALT AGGREGATE SHALL BE 1/2" (13MM) NOMINAL SIZE CONFORMING TO TABLE 803B IN ISPCW SECTION 803. ASPHALT BINDER SHALL BE PG 58-28 CONFORMING TO TABLE A-1 IN ISPCW SECTION 805.
- ASPHALT SAWCUTS SHALL BE AS INDICATED ON THE DRAWINGS, OR 24" INCHES FROM EDGE OF EXISTING ASPHALT, IF NOT INDICATED OTHERWISE SO AS TO PROVIDE A CLEAN PAVEMENT EDGE FOR MATCHING. NO WHEEL CUTTING SHALL BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL PER THE CURRENT EDITION OF THE US DEPARTMENT OF TRANSPORTATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL CONCRETE WORK SHALL CONFORM TO ISPCW SECTIONS 701, 703, AND 705. ALL CONCRETE SHALL BE 3,000 PSI MINIMUM, 28 DAY, AS DEFINED IN ISPCW SECTION 703, TABLE 1. IMMEDIATELY AFTER PLACEMENT PROTECT CONCRETE BY APPLYING MEMBRANE-FORMING CURING COMPOUND, TYPE 2, CLASS A PER ASTM C 309-94. APPLY CURING COMPOUND PER MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS. CONCRETE REPLACEMENT SHALL CONFORM TO CITY OF KETCHUM STANDARD DRAWING NO. 7.
- ALL TRENCHING SHALL CONFORM TO ISPCW STANDARD DRAWING SD-301 AND CITY OF HAILEY STANDARD DRAWING 18.14.010.A.1. TRENCHES SHALL BE BACKFILLED AND COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.
- PER IDAHO CODE § 55-1613, THE CONTRACTOR SHALL RETAIN AND PROTECT ALL MONUMENTS, ACCESSORIES TO CORNERS, BENCHMARKS AND POINTS SET IN CONTROL SURVEYS; ALL MONUMENTS, ACCESSORIES TO CORNERS, BENCHMARKS AND POINTS SET IN CONTROL SURVEYS THAT ARE LOST OR DISTURBED BY CONSTRUCTION SHALL BE REESTABLISHED AND RE-MONUMENTED, AT THE EXPENSE OF THE AGENCY OR PERSON CAUSING THEIR LOSS OR DISTURBANCE AT THEIR ORIGINAL LOCATION OR BY SETTING OF A WITNESS CORNER OR REFERENCE POINT OR A REPLACEMENT BENCHMARK OR CONTROL POINT, BY OR UNDER THE DIRECTION OF A PROFESSIONAL LAND SURVEYOR.
- ALL REPAIRS MUST MATCH EXISTING LINES, GRADES, AND DRAINAGE PATTERNS. REPAIR AND REPLACE IN KIND ALL EXISTING FEATURES OR IMPROVEMENTS DAMAGED DURING CONSTRUCTION, INCLUDING LANDSCAPE AND IRRIGATION. ALL REPAIRS SHALL RESULT IN EQUAL OR BETTER QUALITY THAN EXISTING CONDITIONS.
- CONTRACTOR SHALL RESTRICT ALL CONSTRUCTION ACTIVITIES TO WITHIN EXISTING EASEMENTS BENEFITING COX COMMUNICATIONS AND RIGHT-OF-WAY.
- CONTRACTOR SHALL COMPLETE A CONSTRUCTION MANAGEMENT PLAN CONSISTENT WITH CITY OF KETCHUM STANDARDS.

GENERAL NOTES

- THE PURPOSE OF THIS PLAN SET IS TO PROVIDE REPAIR DETAILS FOR DISTURBANCES ASSOCIATED WITH THE PROPOSED EXTENTS OF THE NEW COX COMMUNICATIONS LINE. THE ALIGNMENT AND VAULT/PEDESTAL LOCATIONS SHOWN HEREON ARE PER A MAP BY COX COMMUNICATIONS RECEIVED OCTOBER 10, 2022. OPAL ENGINEERING, PLLC HAS NOT ENGINEERED THE COMMUNICATIONS LINE ALIGNMENT, VAULT/PEDESTAL LOCATIONS, OR VAULT/PEDESTAL DETAILS.
- RIGHT-OF-WAY INFORMATION SHOWN HEREON IS APPROXIMATE PER BLAINE COUNTY GIS.
- POWER, WATER, AND SEWER LOCATIONS ARE APPROXIMATE AND ARE BASED UPON CITY OF KETCHUM MAPS AND IDAHO POWER UTILITY LOCATION MAPS.
- OPAL ENGINEERING, PLLC, HAS NOT RECEIVED A TITLE POLICY FROM THE CLIENT AND HAS NOT BEEN REQUESTED TO OBTAIN ONE. RELEVANT INFORMATION THAT MAY BE CONTAINED WITHIN A TITLE POLICY MAY THEREFORE NOT APPEAR ON THIS MAP AND MAY AFFECT ITEMS SHOWN HEREON. IT IS THE RESPONSIBILITY OF THE CLIENT TO DETERMINE THE SIGNIFICANCE OF THE TITLE POLICY INFORMATION AND DETERMINE WHETHER IT SHOULD BE INCLUDED. IF THE CLIENT DESIRES FOR THE INFORMATION TO BE INCLUDED THEY MUST FURNISH SAID INFORMATION TO OPAL ENGINEERING, PLLC, AND REQUEST IT BE ADDED TO THIS MAP.
- TEMPERATURES FOR PAVING AND PATCH BACK MUST BE 40 DEGREES AND RISING.
- IF THERE IS A MATERIAL CHANGE FROM APPROVED DRAWINGS, PROVIDE AS-BUILT DRAWINGS TO CITY WHEN COMPLETED FOR CITY RECORDS.
- CONSTRUCTION REQUIRED TO MEET APPLICABLE CITY OF KETCHUM'S CONSTRUCTION ACTIVITY STANDARDS INCLUDING:
 - PUBLIC NOTICING
 - DUST, MUD, SAND, AND GRAVEL CONTROL ON ALL STREETS
 - TEMPORARY RESTROOMS
 - THE SITE SHALL BE KEPT IN A CLEAN AND ORDERLY CONDITION.
 - TRASH SHALL BE PICKED UP ON THE SITE AND SURROUNDING AREAS ON A DAILY BASIS, AND MATERIALS SHALL BE STORED IN NEAT TIDY PILES.
- STAGING LOCATION MUST BE COORDINATED WITH THE CITY OF KETCHUM.
- CONSTRUCTION HOURS ARE BETWEEN 7:30 AM TO 7:00 PM ON WEEKDAYS AND SATURDAYS. NO CONSTRUCTION IS PERMITTED ON SUNDAYS OR MAJOR HOLIDAYS.
- ALL EXCAVATION IS TO BE DONE WITHIN THE GRAVEL SHOULDER.

CITY OF KETCHUM- WATER DEPARTMENT NOTE

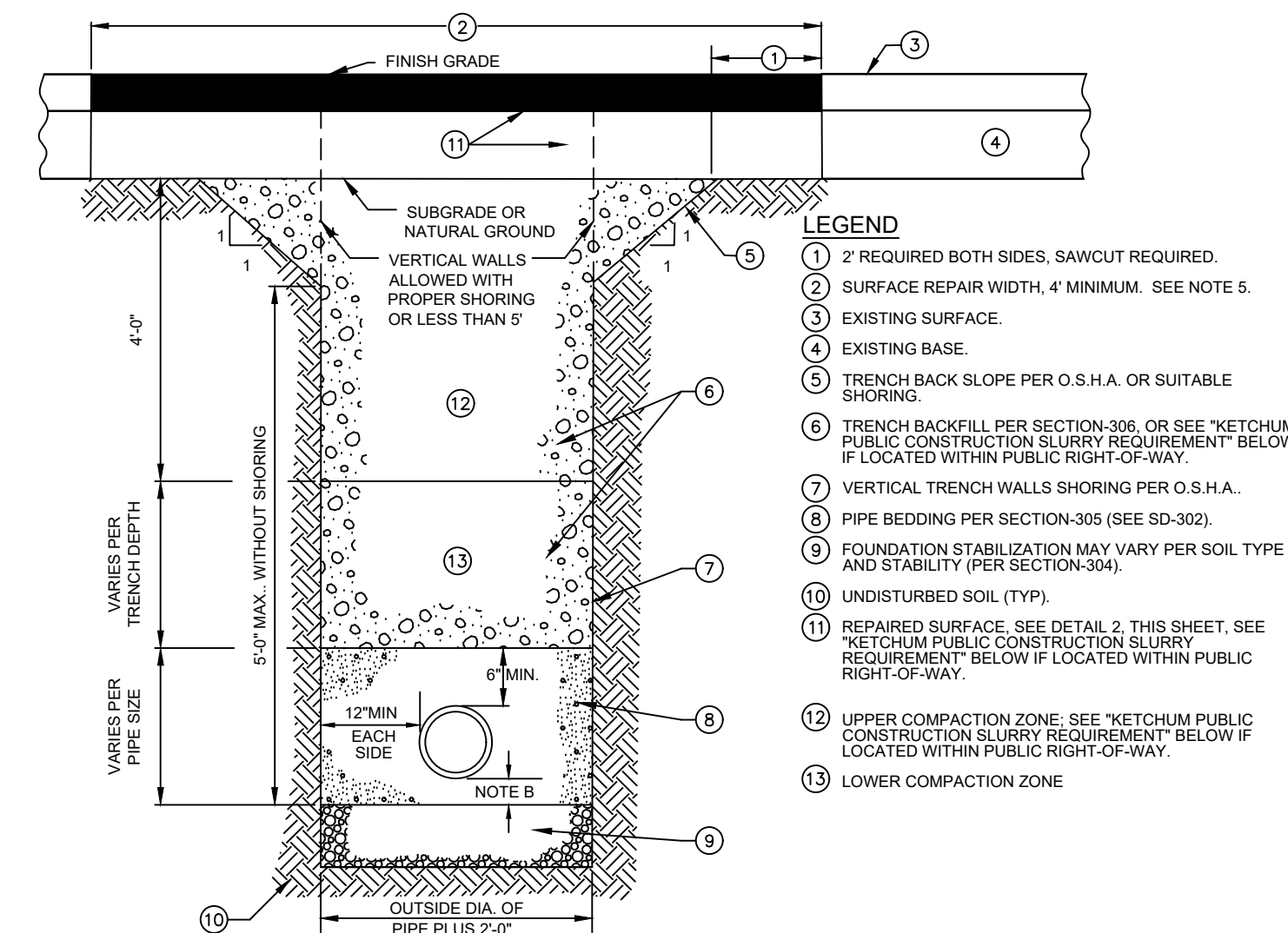
NO LESS THAN 6 FT OF SEPARATION FROM ALL UTILITY INFRASTRUCTURE, BOTH WATER AND SEWER, IS REQUIRED. 6 FT IS THE DISTANCE REQUIRED FOR BANK LAYBACK NEAR ANY LINES. CONTRACTOR SHALL CONFIRM SEPARATIONS.

CITY OF KETCHUM- STREET DEPARTMENT NOTES

- MAY 1ST STARTING DATE IS WEATHER DEPENDENT.
- DIG PERMIT IS REQUIRED WHICH WILL REQUIRE DETAILED TRAFFIC CONTROL PLAN.
- SIZE OF PROJECT REQUIRES INCREASED BOND AMOUNT (TO BE DETERMINED). PLEASE PROVIDE A COST ESTIMATE OF STREET REPAIRS REQUIRED FOR PROJECT.
- PUBLIC NOTICE ANNOUNCEMENT IN MOUNTAIN EXPRESS AS WELL AS DOOR KNOCKERS TO THOSE IMPACTED ARE REQUIRED AT LEAST THREE DAYS IN ADVANCE.
- CONTRACTOR NEEDS TO BE ON JOB DAILY UNTIL COMPLETE (WEEKENDS AND HOLIDAYS EXCLUDED).
- FLAGGERS WILL BE REQUIRED AT RESIDENTIAL AND BUSINESS ENTRANCES AS NEEDED. THIS WILL NEED TO BE ADDRESSED ON DETAILED TRAFFIC CONTROL PLAN.
- KEEP ONE LANE OPEN ALWAYS UNLESS FULL CLOSURE IS NECESSARY (ACCESS FOR RESIDENTIAL AND BUSINESSES MUST BE MAINTAINED).
- KEEP TRENCHING CUTS STRAIGHT AND NEAT.
- ALL ASPHALT CUTS TO BE SAWCUT AND TWO FEET BACK FROM THE DEEPEST UNDERMINE.
- CONTRACTOR WILL NOT TRENCH MORE THAN CAN BE SLURRIED AND BACKFILLED PER DAY.
- NO HOLES OPEN OVERNIGHT MORE THAN ONE FOOT DEEP (UNLESS PLATED OR BARRICADED PER THE MUTCD).
- CONTRACTOR IS REQUIRED TO KEEP STREETS CLEAN FROM ROCKS, DIRT, MUD, ETC. DAILY (SWEEP).
- STREET DEPARTMENT MUST BE CALLED FOR INSPECTION BEFORE BACK FILL, SLURRY, AND ASPHALT.
- KEEP ASPHALT CUT JOINTS OUT OF WHEEL LANES IF POSSIBLE.



VICINITY MAP
N.T.S.



KETCHUM PUBLIC CONSTRUCTION SLURRY REQUIREMENT
IN AREAS WHERE IT IS NECESSARY TO CUT THE ASPHALT PAVEMENT AND DIG A TRENCH FOR BURIAL OF CONDUIT CABLE OR OTHER CITY UTILITY, THE TRENCH SHALL BE BACKFILLED WITH A LEAN CONCRETE MIX TO THE BOTTOM OF FINISH SURFACE MATERIAL WITH THE FOLLOWING PROPORTIONS OF MATERIALS:

COARSE AGGREGATE (1/2" MINUS) : 2,600 LBS
SAND : 800 LBS
PORTLAND CEMENT : 94 LBS
WATER : 11 GAL. (MAX.)

WATER CONTENT IS MAXIMUM AND MAY BE REDUCED DOWNWARD. CARE SHALL BE TAKEN TO ASSURE THAT EXCESS WATER IS NOT PRESENT IN THE MIXING DRUM PRIOR TO CHARGING THE MIXER WITH MATERIALS. THOROUGH MIXING WILL BE REQUIRED PRIOR TO DISCHARGE.

NO COMPACTION, VIBRATION, OR FINISHING IS REQUIRED. THE LEAN CONCRETE MIX SHALL BE STRUCK OFF AT OR BELOW THE ELEVATION OF THE PLANT MIX SURFACING WITH A SQUARE-NOSE SHOVEL OR SIMILAR HAND TOOL. THE BACKFILL MIX SHALL BE ALLOWED TO SET FOR A MINIMUM OF 2 HOURS BEFORE THE PERMANENT PLANT MIX SURFACING IS PLACED TO COMPLETE THE TRENCH REPAIR. TEMPORARY PLACEMENT OF ASPHALT COLD MIX SURFACING MAY BE NECESSARY TO ACCOMMODATE TRAFFIC WITHIN THE FIRST 2 HOURS OF BACKFILL PLACEMENT PRIOR TO COMPLETING THE PERMANENT REPAIR.

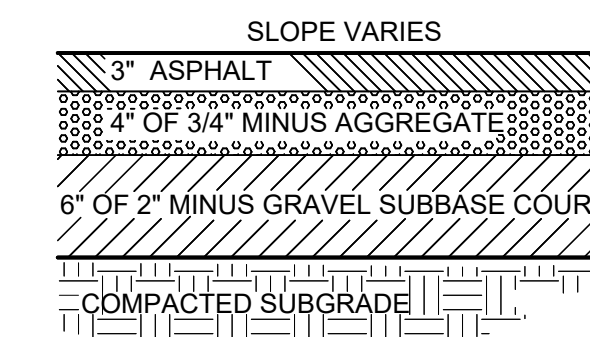
NOTES:

- TRENCH EXCAVATION PER SECTION-301.
- PIPE BEDDING PER SECTION-305.
- BACKFILL AND COMPACTION PER SECTION-306.
- SURFACE REPAIR AND BASE PER DETAIL 3.
- ASPHALT PAVEMENT FOR SURFACE REPAIR SHALL BE IN ACCORDANCE WITH PLANS AND ISPCW SECTIONS 805, 810, AND 811 FOR CLASS II PAVEMENT. ASPHALT AGGREGATE SHALL BE 1/2" (13MM) NOMINAL SIZE CONFORMING TO TABLE 803B IN ISPCW SECTION 803. ASPHALT BINDER SHALL BE PG 58-28 CONFORMING TO TABLE A-1 IN ISPCW SECTION 805.
- IF TRENCH IMPACTS CROWN OF ROADWAY, CROWN MUST BE MAINTAINED AND POSITIVE DRAINAGE PROVIDED.

1
C0.1

TYPICAL TRENCH

CITY OF KETCHUM STANDARD DRAWING NO. 12
N.T.S.



NOTE: ASPHALT THICKNESS PER THIS DETAIL OR MATCH EXISTING, WHICHEVER IS GREATER.

2
C0.1

TYPICAL ASPHALT SECTION

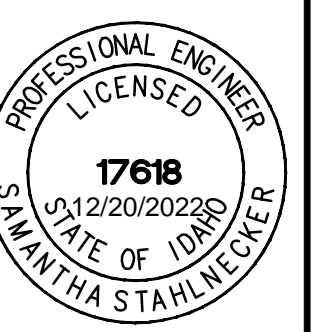
N.T.S.

NOTES:

- SUBBASE CAN BE 2" TYPE II OR 1 1/2" TYPE I CRUSHED AGGREGATE BASE COURSE.
- MATERIALS SHALL CONFORM WITH CURRENT ISPCW STANDARDS, DIVISION 800 AGGREGATES AND ASPHALT.
- PAVEMENT SECTION MAY BE MODIFIED IF A PROJECT SPECIFIC GEOTECHNICAL REPORT, STAMPED BY A LICENSED ENGINEER, IS PROVIDED.

PURPOSE: ISSUE FOR ENCROACHMENT PERMIT (12/20/2022)

REVISION NO. DATE DESCRIPTION



COVER SHEET

COX COMMUNICATIONS- WARM SPRINGS ROAD
PREPARED FOR SORENSON AND SONS UTILITY CONTRACTORS

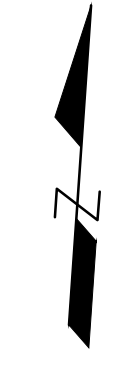
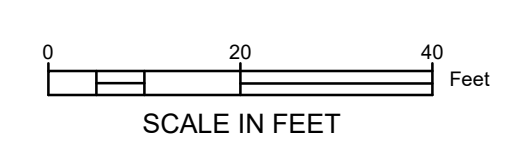
22044-02
PROJECT NUMBER

C0.1

REUSE OF DRAWINGS: These drawings, or any portion thereof, shall not be used on any project or extensions of this project except by agreement in writing with Opal Engineering, PLLC.



PLAN VIEW: WARM SPRINGS ROAD/ E CANYON RUN BLVD



EXISTING CONDITIONS		PROPOSED CONDITIONS	
	PROPERTY LINE PER BLAINE COUNTY GIS		PROPOSED UNDER-GROUND VAULT
	CENTER LINE RIGHT OF WAY		
	EXISTING WATER SERVICE		
	KETCHUM CITY WATER LINE (12")		
	KETCHUM CITY WATER LINE (6")		
	EXISTING FIRE HYDRANT		
	EXISTING SEWER MAIN		
	EXISTING SEWER MANHOLE		
	EXISTING BURIED POWER LINE PER IDAHO POWER		
	EXISTING OVERHEAD POWER LINE PER IDAHO POWER		
	EXISTING LIGHT		
	EXISTING POWER POLE		
	EXISTING SIGN		
	EXISTING CABLE TV BURIED		
	EXISTING POWER BOX		
	POTENTIAL DISTURBED AREA: MATCH EXISTING FINISH MATERIALS, LINES, GRADES, AND DRAINAGE PATTERNS		

NOTES

- SEE SHEET C0.1 FOR ADDITIONAL NOTES.
- AERIAL IMAGERY SHOWN HEREON PER GOOGLE EARTH.
- AERIAL IMAGERY MAY NOT SHOW CURRENT CONDITIONS.
- THE PURPOSE OF THIS PLAN SET IS TO PROVIDE REPAIR DETAILS FOR DISTURBANCES ASSOCIATED WITH PROPOSED EXTENTS OF THE NEW JOINT TRENCH COX COMMUNICATIONS LINE. THE ALIGNMENT AND VAULT/PEDESTAL LOCATIONS SHOWN HEREON ARE PER A MAP BY COX COMMUNICATIONS RECEIVED OCTOBER 10, 2022. OPAL ENGINEERING, PLLC HAS NOT ENGINEERED THE COMMUNICATIONS LINE ALIGNMENT, VAULT/PEDESTAL LOCATIONS, OR VAULT/PEDESTAL DETAILS. SEE DETAILS 1 AND 2, SHEET C0.1 FOR REPAIR DETAILS AS NECESSARY.
- POWER, WATER, AND SEWER LOCATIONS ARE APPROXIMATE AND ARE BASED UPON CITY OF KETCHUM MAPS AND IDAHO POWER UTILITY LOCATION MAPS. COMMUNICATIONS UTILITY LOCATIONS ARE APPROXIMATE BASED UPON A MAP BY COX COMMUNICATIONS RECEIVED OCTOBER 11, 2021.
- ALL REPAIRS MUST MATCH EXISTING LINES, GRADES, AND DRAINAGE PATTERNS. DAMAGED LANDSCAPE AND IRRIGATION SHALL BE REPAIRED. CONTRACTOR SHALL REPAIR ALL IN-GROUND HEATING SYSTEMS IF DAMAGED AND COORDINATE WITH OWNER PRIOR TO CONSTRUCTION COMMENCEMENT. ALL REPAIRS SHALL RESULT IN EQUAL OR BETTER QUALITY.
- ALL EXCAVATION IS TO BE DONE WITHIN THE GRAVEL SHOULDER.

BULK 7 Series TECHNICAL SPECIFICATIONS

THE NEW SOLUTION

3 covers

1 body

HDPE Plastic Cover
Light Duty 3,000 lbf (13.5 kN)

SHIELD Composite Cover
33,750 lbf (150 kN)

BULK Ductile Iron Cover with Steel Ring
56,200 lbf (250 kN)
Available early 2017

BULK BULK Vault Body
66,000 lbf (297 kN)

SPECIFICATION	PROOF LOAD	PRODUCTS
AMERICAS	STANDARDS	
Pedestrian/Light Duty	3,000 lbf (13.5 kN)	BULK
ANSI/SCTE 77 TIER 22	33,750 lbf (150 kN)	BULK
AASHTO M-306-10 H 20	40,000 lbf (178 kN)	BULK
AASHTO M-306-10 H 25	50,000 lbf (222.4 kN)	BULK
ASTM-457	46,000 lbf (205 kN)	BULK
EMEA	STANDARDS	
Pedestrian/Light Duty	2,250 lbf (10 kN)	BULK
EN 124 Class B125	28,100 lbf (125 kN)	BULK
EN 125 Class C125	56,200 lbf (250 kN)	BULK
APAC	STANDARDS	
Pedestrian/Light Duty	3,370 lbf (15 kN)	BULK
AS3996-Class B	18,000 lbf (80 kN)	BULK
AS3996-Class C	33,750 lbf (150 kN)	BULK

BULK 7 Series TECHNICAL SPECIFICATIONS

BODY SPECIFICATIONS

Cover Weight (5/16" (2 Cover)) 50 lbs [23 kg]
 Pit Weight 129 lbs [59 kg]
 Assembled Weight 229 lbs [105 kg]

SHIELD Composite Cover

BULK BULK 7 Vault Body
36" (914 mm) Depth Shows

ADDITIONAL BODY DEPTHS

56 lbs [26 kg] 67 lbs [30 kg] 88 lbs [40 kg] 108 lbs [49 kg]

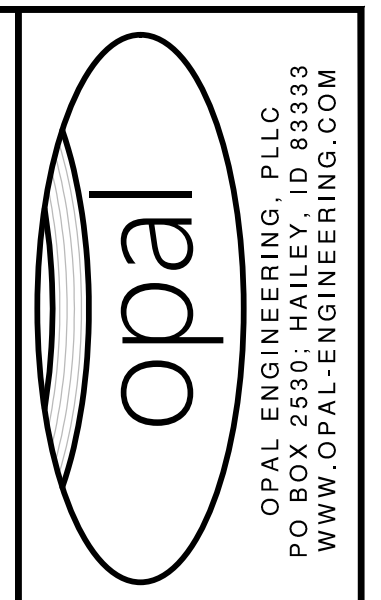
SHIELD BULK MADE IN USA

CHANNELL

UNITED STATES 800.422.1863 CANADA 905.565.1700 EUROPE, MIDDLE EAST, AFRICA 44.1222.32290 AUSTRALIA, ASIA, PACIFIC RIM 612.8884.4111
 www.channell.com

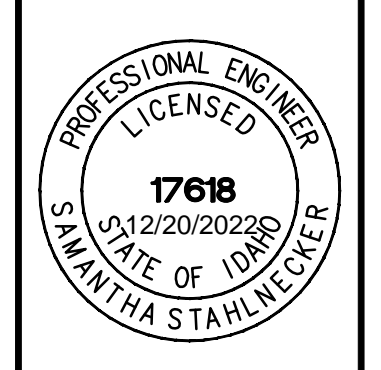
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1 M-306-10 H2O VAULT DETAIL
C1.0 2 N.T.S.



PURPOSE: ISSUE FOR ENCROACHMENT PERMIT (12/20/2022)

REVISION NO.	DATE	DESCRIPTION



PLAN VIEW

COX COMMUNICATIONS- WARM SPRINGS ROAD

PREPARED FOR SORENSON AND SONS UTILITY CONTRACTORS

22044-02 PROJECT NUMBER

C1.0

REUSE OF DRAWINGS: These drawings, or any portion thereof, shall not be used on any project or extensions of this project except by agreement in writing with Opal Engineering, PLLC.