

# CITY COUNCIL MEETING AGENDA MEMO

Meeting Date: May 20, 2024 Staff Member/Dept: Abby Rivin, Senior Planner

Planning and Building Department

Agenda Item: Recommendation to review and deny the Right-of-Way Encroachment Permit for the

heated driveway located at 308 E Canyon Run Boulevard.

# **Recommended Motion:**

- Option 1—Staff recommends the following motion based on policy direction provided to staff on April 3, 2023 that the City Council will no longer approve Right-of-Way Encroachment Permits for residential snowmelt systems: "I move to deny the Right-of-Way Encroachment Permit for the 308 E Canyon Run Blvd heated driveway and direct the applicant to remove the portion of the snowmelt system that encroaches into the right-of-way."
- Option 2—If City Council chooses to amend their policy direction to approve snowmelt systems for
  residential driveways encroaching in the public right-of-way, then the 308 E Canyon Run Blvd Rightof-Way Encroachment Permit may be approved with the following motion: "I move to approve the
  Right-of-Way Encroachment Permit for the snowmelt system and pavers located at 308 E Canyon
  Run Blvd and direct staff to draft and authorize the Mayor to sign the associated Right-of-Way
  Encroachment Agreement."

# Reasons for Recommendation:

- The City of Ketchum Planning and Building Department issued Building Permit B21-015 for the construction of a new single-family residence located at 308 E Canyon Run Blvd on April 12, 2021. The project plans approved with Building Permit B21-015 (see Attachment 1) specified that the driveway was proposed to be surfaced with asphalt and was unheated. Planning staff conducted a final inspection for the project on February 12, 2024 and found that the driveway had not been constructed in accordance with the project plans approved with Building Permit B21-015 (see Attachment 1).
- As shown in Attachment 2, the driveway is surfaced with heated pavers, and the snowmelt system encroaches within the public right-of-way along East Canyon Run Blvd. The unpermitted driveway improvements were constructed without city review or approval. Pursuant to section R106.4 of the 2018 International Residential Code, "Work shall be installed in accordance with the approved construction documents, and any changes made during construction that are not in compliance with the approved construction documents shall be resubmitted for approval as an amended set of construction documents."
- The driveway conforms to city standards and a snowmelt system is not recommended by the Fire Department or Streets Department. Based on City Council's policy direction regarding residential snowmelt systems provided on April 3, 2023, staff directed the applicant to remove the portion of the snowmelt system that encroaches within the public right-of-way. The applicant contested staff's direction and requested this matter be presented to the City Council for their consideration.

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

During their meeting on April 3, 2023, the City Council provided direction to staff that they would no longer approve Right-of-Way Encroachment Permits for residential snowmelt systems, unless the snowmelt system is required by the Fire Department or Streets Department for nonconforming driveways, such as steep driveways with grades that exceed 10% slope.

The City of Ketchum Planning and Building Department issued Building Permit B21-015 for the construction of a new single-family residence located at 308 E Canyon Run Blvd on April 12, 2021. The project plans approved with Building Permit B21-015 (see Attachment 1) specified that the driveway was proposed to be surfaced with asphalt and was unheated. Planning staff conducted a final inspection for the project on February 12, 2024 and found that the driveway had not been constructed in accordance with the project plans approved with Building Permit B21-015 (see Attachment 1).

As shown in Attachment 2, the driveway is surfaced with heated pavers, and the snowmelt system encroaches within the public right-of-way along East Canyon Run Blvd. The unpermitted driveway improvements were constructed without city review or approval. Pursuant to section R106.4 of the 2018 International Residential Code, "Work shall be installed in accordance with the approved construction documents, and any changes made during construction that are not in compliance with the approved construction documents shall be resubmitted for approval as an amended set of construction documents."

The driveway conforms to city standards and a snowmelt system is not recommended by the Fire Department or Streets Department. Based on City Council's policy direction regarding residential snowmelt systems provided on April 3, 2023, staff directed the applicant to remove the portion of the snowmelt system that encroaches within the public right-of-way. The applicant contested staff's direction and requested this matter be presented to the City Council for their consideration.

Based on the policy direction provided by the City Council on April 3, 2023, staff recommends that the City Council deny the Right-of-Way Encroachment Permit as the driveway conforms to city standards and a snowmelt system is not recommended by the Streets Department or Fire Department (see Motion Option 1). If the City Council chooses to amend their policy direction to approve snowmelt systems for residential driveways encroaching in the public right-of-way, then the 308 E Canyon Run Blvd Right-of-Way Encroachment Permit may be approved (see Motion Option 2).

# Sustainability Impact:

None OR state impact here: The April 3, 2023 staff report for the policy discussion regarding snowmelt systems for residential driveways states that, "residential energy use is the largest contributor of greenhouse gas emissions in Ketchum accounting for 50% of total emissions." The staff report provide average emissions in pounds of carbon dioxide emissions produced per driveway for different snow removal methods as follows:

- Snowmelt Systems: 1,606 pounds of CO2 emissions (1,079 vehicle miles traveled equivalent)
- Snow Plowing: 115 pounds of CO2 emissions (77 vehicle miles traveled equivalent)
- Snow Blower: 76 pounds of CO2 emissions (51 vehicle miles traveled equivalent)

# Financial Impact:

None OR Adequate funds exist in account. There is no financial requirement from the city for this action.

# Attachments:

- 1. Building Permit B21-015 Approved Driveway Plans
- 2. Unpermitted Driveway Improvement Plans as Constructed

# Attachment 1 Building Permit B21-015 Approved Driveway Plans

BLD2103-0002 04/12/21 These docume contingent on c mark-ups and i not approval of code, ordinance 2103-00026 2/21 se documents nents are approved n compliance with the d notes applied. This is of any violation of any 으

U

U

0

П

0

LL BE IN CONFORMANCE WITH THE MOST CURRENT EDITION OF FOR PUBLIC WORKS CONSTRUCTION" (ISPWC) AND CITY OF THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND ISPWC AND CITY OF KETCHUM STANDARDS ON SITE DURING

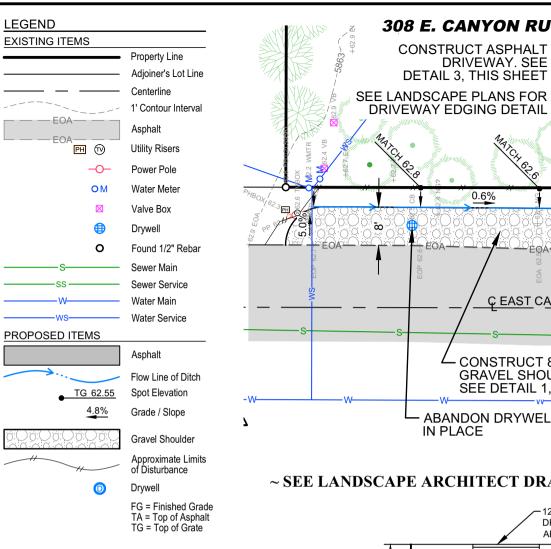
NG UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS IN AN CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ₹ TO COMMENCING AND DURING THE CONSTRUCTION. THE D BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH LE TO ACCURATELY LOCATE AND PRESERVE ANY AND ALL 3. CONTRACTOR SHALL CALL DIGLINE (1-800-342-1585) TO DERGROUND UTILITIES A MINIMUM OF 48 HOURS IN ADVANCE

)RDINATE RELOCATIONS OF DRY UTILITY FACILITIES (POWER, THE APPROPRIATE UTILITY FRANCHISE.

CLEAN UP THE SITE AFTER CONSTRUCTION SO THAT IT IS IN A BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION. 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 ISPWC SECTION 201.
- ALL EXCAVATION & EMBANKMENT SHALL CONFORM TO ISPWC 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
- 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 ISPWC 802, TYPE II (ITD STANDARD 703.04, 2"), SHALL BE PLACED IN CONFORMANCE WITH ISPWC 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 ISPWC 802, TYPE I (ITD STANDARD 703.04, 3/4" B), SHALL BE PLACED IN CONFORMANCE WITH ISPWC 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.
- D. ALL ASPHALTIC CONCRETE PAVEMENT WORK SHALL CONFORM TO ISPWC SECTION(S) 805, 810, AND 811 FOR CLASS II PAVEMENT. ASPHALT AGGREGATE SHALL BE 1/2" (13MM) NOMINAL SIZE CONFORMING TO TABLE 803B IN ISPWC SECTION 803. ASPHALT BINDER SHALL BE PG 58-28 CONFORMING TO TABLE A-1 IN ISPWC 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.
- 2. TRAFFIC CONTROL SHALL BE PER THE TRAFFIC CONTROL PLAN. CONTRACTOR WILL NEED TO MAINTAIN ACCESS TO ALL PRIVATE PROPERTIES, UNLESS OTHERWISE COORDINATE WITH THE PROPERTY OWNER THROUGH THE CITY ENGINEER
- 3. ALL TRENCHING SHALL CONFORM TO ISPWC STANDARD DRAWING SD-301. TRENCHES SHALL BE BACKFILLED AND COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99
- 4.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.
- 5.BOUNDARY AND TOPOGRAPHIC INFORMATION IS BASED ON A SITE SURVEY BY GALENA ENGINEERING DATED 09/27/2018



# NOTES:

SUBBASE CAN BE 2" TYPE II OR 3/4" TYPE I CRUSHED AGGREGATE BASE COURSE

SLOPE VARIES

10" OF 2" MINUS AGGREGATE BASE COURSE

COMPACTED SUBGRADE.

4" OF 3/4" MINUS AGGREGATE LEVELING COURSE

MATERIALS SHALL CONFORM WITH CURRENT ISPWC STANDARDS, DIVISION 800 AGGREGATES AND ASPHALT.

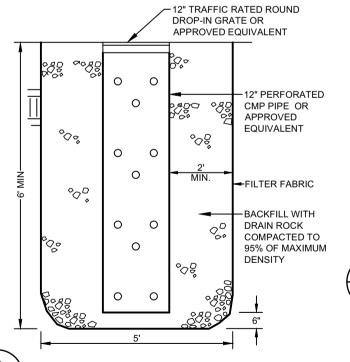


TYPICAL GRAVEL SECTION N.T.S.



PZ

Ç EAST CANYON RUN BLVD (50' R/W)



**308 E. CANYON RUN** 

CONSTRUCT ASPHALT

**DETAIL 3. THIS SHEET** 

0.6%

**CONSTRUCT 8' WIDE** 

**GRAVEL SHOULDER** 

ABANDON DRYWELL

IN PLACE

SEE DETAIL 1. THIS SHEET

DRIVEWAY, SEE

SLOPE VARIES 2" OF ASPHALT

4" OF 3/4" TYPE I AGGREGATE BASE

**INSTALL DRYWELL** 

RIM = 61.9

SEE DETAIL 2.

THIS SHEET

6" OF 2" TYPE II SUBBASE

60° SKEW

COMPACTED SUBGRADE

# NOTES:

- SUBBASE CAN BE 2" TYPE II OR 3/4" TYPE I CRUSHED AGGREGATE BASE COURSE
- MATERIALS SHALL CONFORM WITH CURRENT ISPWC STANDARDS, DIVISION 800 AGGREGATES AND ASPHALT.
- PAVEMENT SECTION MAY BE MODIFIED IF A PROJECT SPECIFIC GEOTECHNICAL REPORT, STAMPED BY A LICENSED ENGINEER, IS PROVIDED

TYPICAL ASPHALT DRIVEWAY SECTION

LANDSCAPE DRYWELL

# E PLAN

UNTY, IDAHO

C1.0

AN M.

STONAL ENG

304 E.

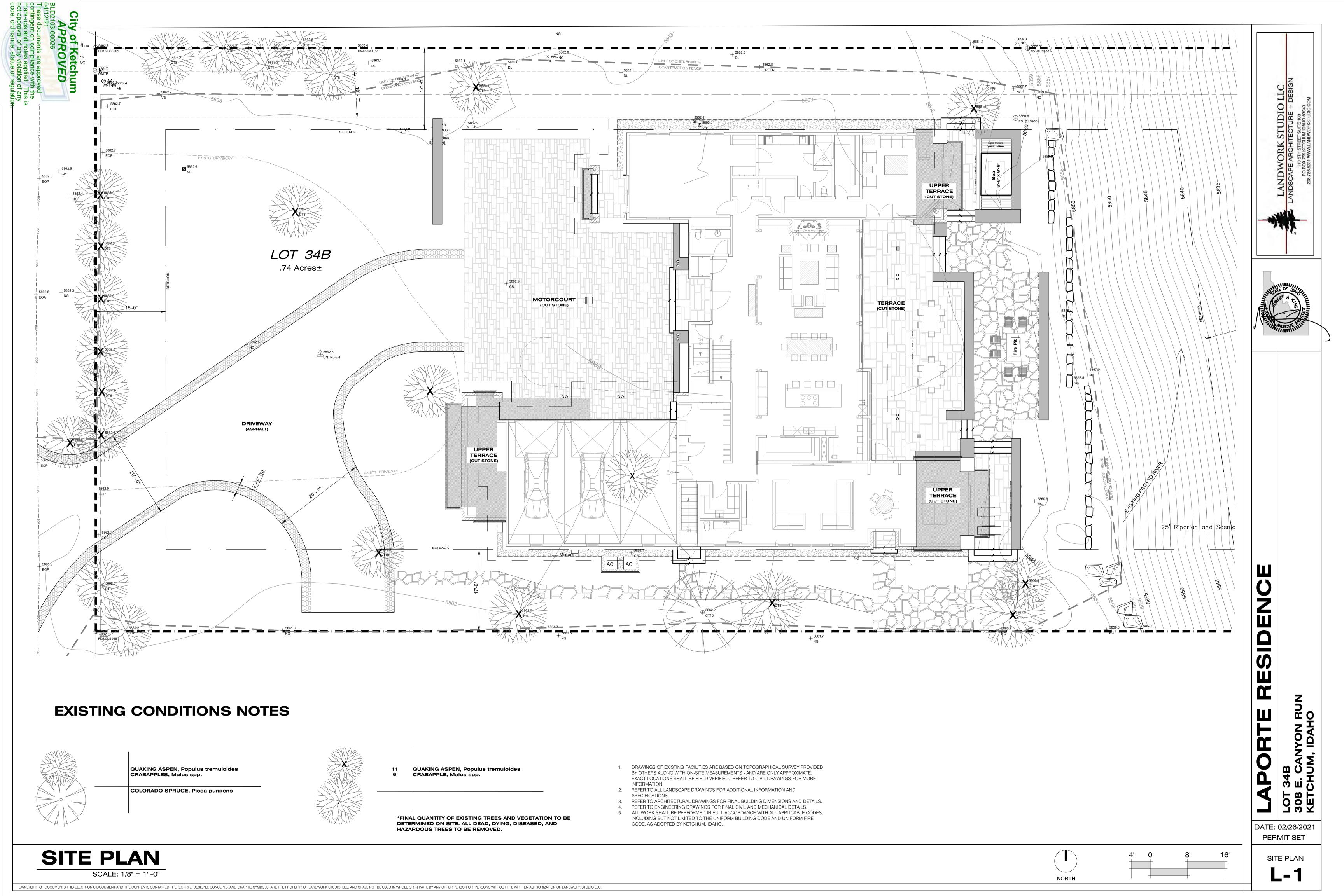
**CANYON** 

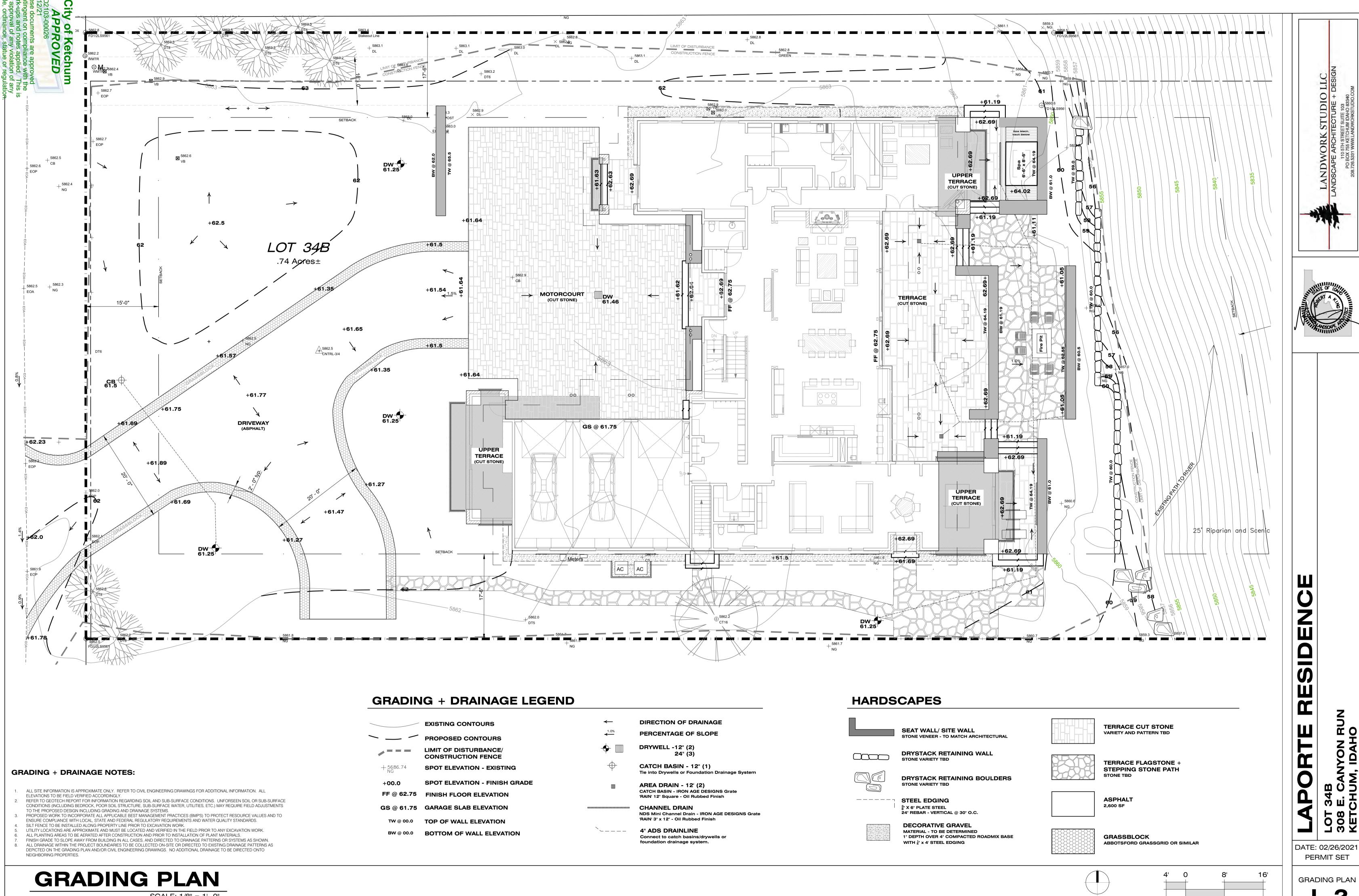
RUN

GRAPHIC SCALE

Scale in Feet

	ENGINEERING, BATEB 09/21/2010.					
	REVISIONS			GALENA ENGINEERING, INC.	DESIGNED:	DICHT OF WAY ODADING AND DDAINAGE
NO	. DATE	BY	DESCRIPTION	Civil Engineers & Land Surveyors	CHECKED:	RIGHT-OF-WAY GRADING AND DRAINAGE 308 E. CANYON RUN
Λ	03-22-21	SMF	UPDATES PER CITY COMMENTS		SMF	
$\triangle$				317 N. River Street	DETAILED CT	
4				Hailey, Idaho 83333		LOCATED WITHIN SECTION 12, T.4 N., R.17 E., B.M., CITY OF KETCHUM, BLAINE COUN
4	4			(208) 788-1705 email: galena@galena-engineering.com		PREPARED FOR ANDREA LAPORTE
14	4					PROJECT INFORMATION
						P:\sdskproj\6683-02\dwg\Construction\6683.03_Civil.dwg 03/22/21 7:57:39 AM





OWNERSHIP OF DOCUMENTS: THIS ELECTRONIC DOCUMENT AND THE CONTENTS CONTAINED THEREON (I.E. DESIGNS, CONCEPTS, AND GRAPHIC SYMBOLS) ARE THE PROPERTY OF LANDWORK STUDIO LLC, AND SHALL NOT BE USED IN WHOLE OR IN PART, BY ANY OTHER PERSON OR PERSONS WITHOUT THE WRITTEN AUTHORIZATION OF LANDWORK STUDIO LLC.

# Attachment 2 Unpermitted Driveway Improvement Plans as

Constructed

# CONSTRUCTION NOTES

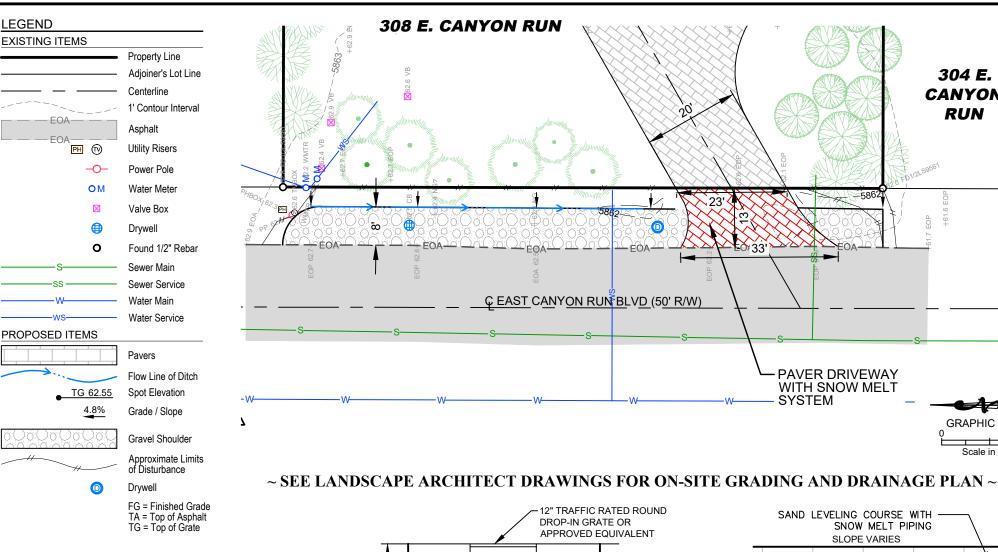
- ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MOST CURRENT EDITION OF THE "IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION" (ISPWC) AND CITY OF KETCHUM STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND KEEPING A COPY OF THE ISPWC AND CITY OF KETCHUM STANDARDS ON SITE DURING CONSTRUCTION
- 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 ISPWC SECTION 201.
- ALL EXCAVATION & EMBANKMENT SHALL CONFORM TO ISPWC 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
- 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 ISPWC 802, TYPE II (ITD STANDARD 703.04, 2"), SHALL BE PLACED IN CONFORMANCE WITH ISPWC 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 ISPWC 802, TYPE I (ITD STANDARD 703.04, 3/4" B), SHALL BE PLACED IN CONFORMANCE WITH ISPWC 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.
- O ALL ASPHALTIC CONCRETE PAVEMENT WORK SHALL CONFORM TO ISPWC SECTION(S) 805, 810, AND 811 FOR CLASS II PAVEMENT. ASPHALT AGGREGATE SHALL BE 1/2" (13MM) NOMINAL SIZE CONFORMING TO TABLE 803B IN ISPWC SECTION 803. ASPHALT BINDER SHALL BE PG 58-28 CONFORMING TO TABLE A-1 IN ISPWC 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
- 2. TRAFFIC CONTROL SHALL BE PER THE TRAFFIC CONTROL PLAN. CONTRACTOR WILL NEED TO MAINTAIN ACCESS TO ALL PRIVATE PROPERTIES, UNLESS OTHERWISE COORDINATE WITH THE PROPERTY OWNER THROUGH THE CITY ENGINEER.
- 3. ALL TRENCHING SHALL CONFORM TO ISPWC STANDARD DRAWING SD-301. TRENCHES SHALL BE BACKFILLED AND COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.
- 4. 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
- 5.BOUNDARY AND TOPOGRAPHIC INFORMATION IS BASED ON A SITE SURVEY BY GALENA ENGINEERING, DATED 09/27/2018.

DESCRIPTION

1 03-22-21 SMF UPDATES PER CITY COMMENTS

O. DATE BY

REVISIONS



# SLOPE VARIES

4" OF 3/4" MINUS AGGREGATE LEVELING COURSE 10" OF 2" MINUS AGGREGATE BASE COURSE

\_compacted subgrade.—

# NOTES:

- SUBBASE CAN BE 2" TYPE II OR 3/4" TYPE I CRUSHED AGGREGATE BASE COURSE
- MATERIALS SHALL CONFORM WITH CURRENT ISPWC STANDARDS, DIVISION 800 AGGREGATES AND ASPHALT



TYPICAL GRAVEL SECTION N.T.S.

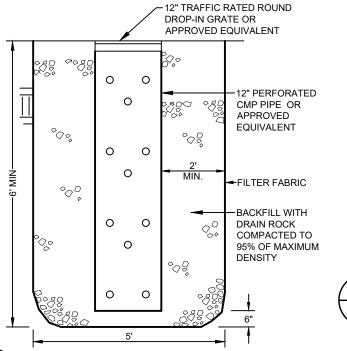
GALENA-BENCHMARK ENGINEERING

Civil Engineers & Land Surveyors P.O. Box 733 Ketchum, Idaho 83340 (208) 726-9512

ESIGNED CTCHECKED: SMF ETAILED SCALES SHOWN ARE

PRINTS ONLY

# SAND LEVELING COURSE WITH



SNOW MELT PIPING SLOPE VARIES **PAVERS** 4" OF 3/4" TYPÉ I ÁGGREGATE BÁSÉ

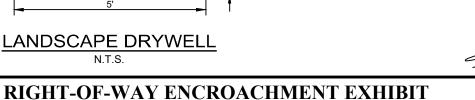
6" OF 2" TYPE II SUBBASE

COMPACTED SUBGRADE

### NOTES:

- SUBBASE CAN BE 2" TYPE II OR 3/4" TYPE I CRUSHED AGGREGATE BASE COURSE
- MATERIALS SHALL CONFORM WITH CURRENT ISPWC STANDARDS, DIVISION 800 AGGREGATES AND ASPHALT.
- 3. PAVEMENT SECTION MAY BE MODIFIED IF A PROJECT SPECIFIC GEOTECHNICAL REPORT, STAMPED BY A LICENSED ENGINEER. IS PROVIDED

TYPICAL HEATED PAVER **DRIVEWAY SECTION** 



CENSER

**308 E. CANYON RUN** LOCATED WITHIN SECTION 12, T.4 N., R.17 E., B.M., CITY OF KETCHUM, BLAINE COUNTY, IDAHO

PREPARED FOR ANDREA LAPORTE

PROJECT INFORMATION P:\projects\sdskproj\6683-02\dwg\Construction\6683.03 Encroachment.dwg 03/05/24 1:39:00 PM

# 17661 3/6/24 ANE OF IDAY NAHOL 38

304 E.

**CANYON** 

RUN

GRAPHIC SCALE