



Ketchum Urban Renewal Agency

P.O. Box 2315 | 480 East Ave. N. | Ketchum, ID 83340

February 18, 2020

Chair and Commissioners
Ketchum Urban Renewal Agency
Ketchum, Idaho

Recommendation to Provide Direction on 2020 Sidewalk Segments

Introduction/History

The Board has agreed to move forward with funding new sidewalk segments as part of the FY 19/20 Budget. At the September 16, 2019 KURA meeting, the Board agreed to move forward with the following sidewalk segments:

Q1 – 1, 3

Q2 – 1, 2, 3, 4, 5

Q3 – 2, 4, 6

The total estimated cost for all 10 segments is \$1,152,610. The Board has identified approximately \$400,000 in available funding to fund the sidewalks. Staff is seeking Board direction on which segments to include in the bid package. The estimated cost of each segment is identified in Attachment A.

Financial Requirement/Impact

Funds are budgeted in the FY 19/20 budget to support this project.

Recommendation

Staff is seeking direction from the Board on the priority segments to include in the 2020 bid package.

2020 SIDEWALK INFILL
Rough Order Cost Estimate

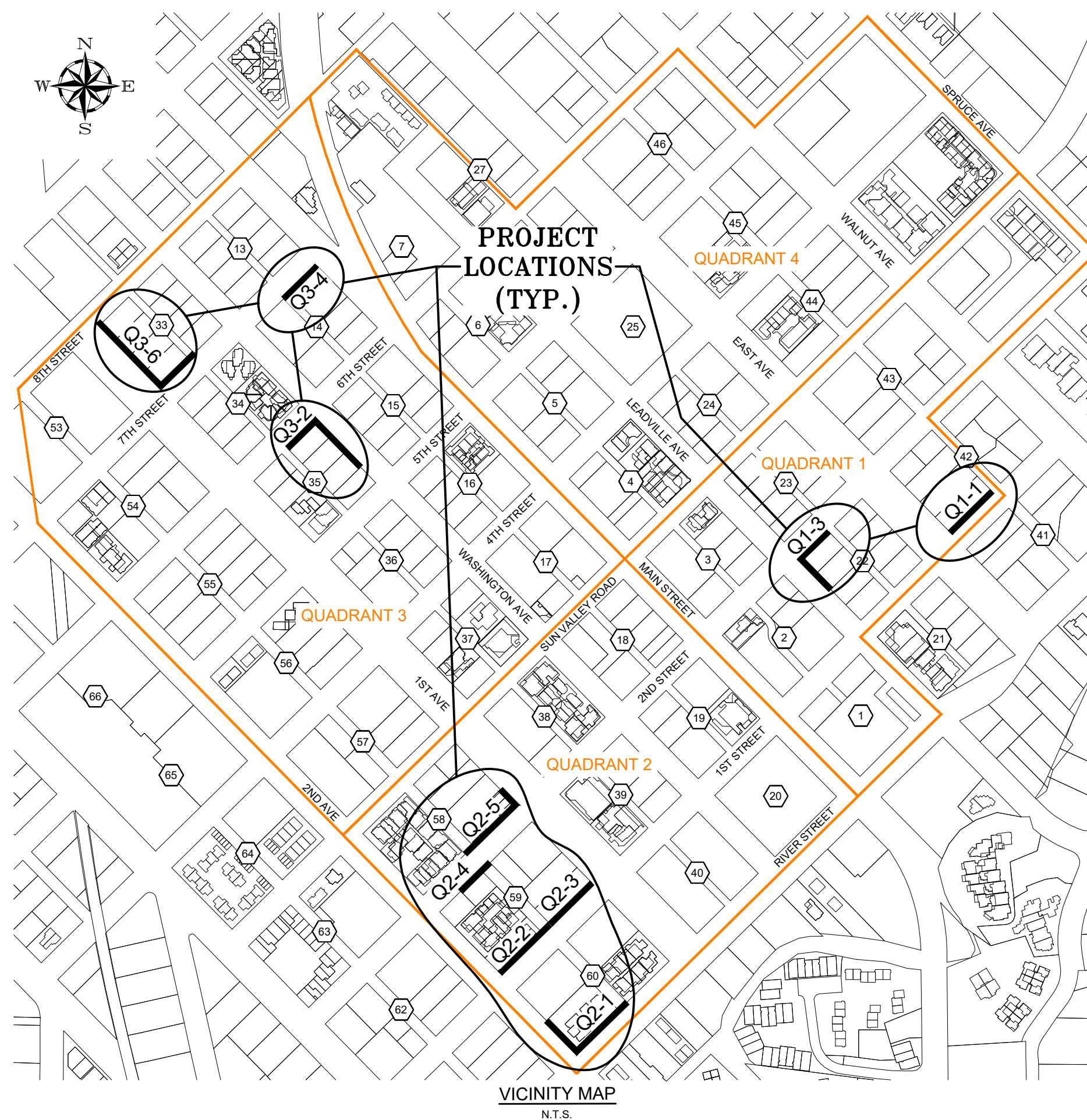
Task No.	Segment No.	Street Name	2019 Cost Estimate*	2019 Cost Escalation (5%)	Total Rough Order Cost Estimate
1.00	Q1-1	Q1-1, 1st Street from East Ave east to alley, 150 feet, Green	\$53,800	\$2,690.00	\$56,490.00
		Total Cost Quadrant 1	\$53,800		\$56,490.00
5.00	Q2-1	Q2-1, River St from 2nd Ave east to the Alley & 2nd Ave from River St north along 191 W River St, 260 ft, Yellow	\$146,500	\$7,325.00	\$153,825.00
6.00	Q2-2	Q2-2, 1st Street from 2nd Avenue east to the Alley, 150 ft, Yellow	\$63,600	\$3,180.00	\$66,780.00
7.00	Q2-3	Q2-3, 1st Street from 1st Avenue west to the Alley, 150 feet, Yellow	\$69,500	\$3,475.00	\$72,975.00
8.00	Q2-4	Q2-4, 2nd Street from 2nd Avenue east to the Alley, 150 feet, Green	\$65,400	\$3,270.00	\$68,670.00
9.00	Q2-5	Q2-5, 2nd Street from 1st Avenue west to Alley & 1st Avenue north along 211 N 1st Avenue, 205 feet, Yellow	\$76,500	\$3,825.00	\$80,325.00
		Total Cost Quadrant 2	\$421,500		\$442,575.00
10.00	Q3-1	Q3-1, 5th Street from 1st Avenue west to the Alley, 150 ft, Green	\$90,692	\$4,534.61	\$95,226.79
11.00	Q3-2	Q3-2, 1st Ave from 6th St sth to Mid-Blk & 6th St from 1st Ave to Wash Ave & Wash Ave from 6th St sth to Mid-Blk, 440 feet, Red (portion along 1st Ave to be built by proposed development)	\$242,000	\$12,100.00	\$254,100.00
13.00	Q3-4	Q3-4, 7th Street from Warm Springs Road west to Alley, 100 feet, Green	\$109,799	\$5,489.96	\$115,289.06
15.00	Q3-6	Q3-6, 1st Avenue from 7th Street north along 111 E 7th Street & 7th Street from 1st Avenue east to Alley, 155 ft, Yellow	\$179,933	\$8,996.66	\$188,929.86
		Total Cost Quadrant 3	\$622,424		\$653,545.70
		TOTAL COSTS	\$1,097,724		\$1,152,610.70

*Depending on section this is the 2019 contractors bid price or engineers preliminary estimate

KETCHUM 2020 SIDEWALK INFILL JANUARY 2020

CONSTRUCTION NOTES

3. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MOST CURRENT EDITION OF THE "IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION" (ISPMC) AND CITY OF KETCHUM STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND KEEPING A COPY OF THE ISPMC AND CITY OF KETCHUM STANDARDS ON SITE DURING CONSTRUCTION.
2. 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.
3. CONTRACTOR SHALL COORDINATE RELOCATIONS OF DRY UTILITY FACILITIES (POWER, CABLE, PHONE, TV) WITH THE APPROPRIATE UTILITY FRANCHISE.
4. 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.
5. 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).
6. ALL CLEARING & GRUBBING SHALL CONFORM TO ISPMC SECTION 201.
7. ALL EXCAVATION & EMBANKMENT SHALL CONFORM TO ISPMC 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.
8. ALL 2" MINUS GRAVEL SHALL CONFORM TO ISPMC 802, TYPE II (ITD STANDARD 703.04, 2"), SHALL BE PLACED IN CONFORMANCE WITH ISPMC 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.
9. ALL 3/4" MINUS CRUSHED GRAVEL SHALL CONFORM TO ISPMC 802, TYPE I (ITD STANDARD 703.04, 3/4" B), SHALL BE PLACED IN CONFORMANCE WITH ISPMC 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.
10. ALL ASPHALTIC CONCRETE PAVEMENT WORK SHALL CONFORM TO ISPMC SECTION(S) 805, 810, AND 811 FOR CLASS II PAVEMENT. ASPHALT AGGREGATE SHALL BE 1/2" (13MM) NOMINAL SIZE CONFORMING TO TABLE 803B IN ISPMC SECTION 803. ASPHALT BINDER SHALL BE PG 58-28 CONFORMING TO TABLE A-1 IN ISPMC SECTION 805.
11. 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.
12. 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.
13. ALL CONCRETE WORK SHALL CONFORM TO ISPMC SECTIONS 701, 703, AND 705. ALL CONCRETE SHALL BE 3,000 PSI MINIMUM, 28 DAY, AS DEFINED IN ISPMC SECTION 703, TABLE 1.C. 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.
14. ALL TRENCHING SHALL CONFORM TO ISPMC STANDARD DRAWING SD-301. TRENCHES SHALL BE BACKFILLED AND COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.
15. 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.
16. CONSTRUCTION OF WATER MAINS AND ALL OTHER RELATED APPURTENANCES SHALL BE IN ACCORDANCE WITH THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPMC), IDAPA 58.01.08, IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS AND THE CITY OF KETCHUM UTILITIES DEPARTMENT STANDARDS.
17. CONTRACTOR SHALL PRESSURE TEST, DISINFECT, AND CONDUCT BIOLOGICAL TESTING IN ACCORDANCE WITH THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPMC), AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS, AND THE PRESSURE TESTING, DISINFECTION, AND MICROBIOLOGICAL TESTING PROCEDURES.
18. ALL WATER SUPPLY FIXTURES, FITTINGS, PIPING, AND ALL RELATED APPURTENANCES SHALL BE ANSI/NSF STD. 61 COMPLIANT.
19. ALL WATER SUPPLY FIXTURES, FITTINGS, PIPING, AND ALL RELATED APPURTENANCES SHALL COMPLY WITH THE LOW LEAD ACT REQUIRING ALL MATERIALS TO HAVE A LEAD CONTENT EQUAL TO OR LESS THAN 0.25%.
20. THE CONTRACTOR SHALL USE ANSI/NSF STANDARD 60 CHEMICALS AND COMPOUNDS DURING INSTALLATION & DISINFECTION OF POTABLE WATER MAIN.
21. EXISTING CONDITIONS AND BOUNDARY INFORMATION SHOWN HEREON ARE PER A SURVEY CONDUCTED BY GALENA ENGINEERING. TOPOGRAPHIC INFORMATION IS AS IT EXISTED ON THE DATE THE FIELD SURVEY WAS PERFORMED (05/22/19).



LEGEND

EXISTING ITEMS		PROPOSED ITEMS	
	CENTERLINE OF RIGHT-OF-WAY		NEW ASPHALT
	RTW = RETAINING WALL		ASPHALT TO BE REMOVED
	FNC = FENCE LINE		CONCRETE SIDEWALK
	EOG = EDGE OF GRAVEL		CONCRETE 6" VERTICAL CURB
	PB = BURIED POWER LINE		TYPE II CONCRETE ROLLED CURB
	OVERHEAD POWER LINE		CURB TRANSITION (ZERO REVEAL TO TYPICAL 6" VERTICAL)
	KCW = 12" KETCHUM CITY WATER LINE (12")		CURB TRANSITION (6" VERTICAL TO ROLLED CURB)
	KCW = 10" KETCHUM CITY WATER LINE (10")		ZERO REVEAL CURB & GUTTER
	KCW = 8" KETCHUM CITY WATER LINE (8")		CURB PAINTED RED
	KCW = 6" KETCHUM CITY WATER LINE (6")		RETAINING WALL WITH GUARD RAIL
	KSW = 10" KETCHUM SPRING LINE (10")		ADA ACCESS TRUNCATED DOME
	KSW = 8" KETCHUM SPRING LINE (8")		SIGN
	KSW = 4" KETCHUM SPRING LINE (4")		FIRE HYDRANT
	KSW = 4" KETCHUM SPRING LINE (4"-ABANDONED)		WATER VALVE
	WS = WATER SERVICE		HAND RAIL
	8" SEWER MAIN		5' CONTOUR INTERVAL
	SS = SEWER SERVICE		1' CONTOUR INTERVAL
	GM = GAS MAIN		PAVERS
	GS = GAS SERVICE		CONCRETE TO BE REMOVED
	PHB = BURIED TELEPHONE LINE		AREA TO BE GRUBBED
	SD = STORM DRAIN		DRYWELL
	5' CONTOUR INTERVAL		STORM DRAIN
	1' CONTOUR INTERVAL		CATCH BASIN
	DRILINE OF VEGETATION		SAWCUT LINE
	GUARD RAIL		APPROXIMATE LIMITS OF DISTURBANCE
	HAND RAIL		ROAD PAINT
	CURB & GUTTER		GRADE
	EDGE OF ASPHALT		SPOT ELEVATION
	PAVERS		STREET LIGHT
	CONCRETE		ADA ACCESS RAMP / LANDING
	BUILDING		
	FOUND ALUMINUM CAP		
	FOUND 5/8" REBAR		
	FH = FIRE HYDRANT		
	WV = WATER VALVE		
	WMTMR = WATER METER		
	VB = VALVE BOX		
	FIBIC FIBER OPTIC VAULT		
	GV = GAS VALVE		
	GMKR = GAS MARKER		
	TVBOX = TV RISER		
	PHBOX = TELEPHONE RISER		
	PHMH = TELEPHONE MANHOLE		
	SIGN		
	SMH = SEWER MANHOLE		
	SCO = SEWER CLEANOUT		
	WMH = WATER MANHOLE		
	PITMETER		
	CB = CATCH BASIN		
	DWELL = DRY WELL		
	SDMH = STORM DRAIN MANHOLE		
	PMH = POWER MANHOLE		
	LIGHT		
	PP = POWER POLE		
	GUY = GUYWIRE		
	PBOX = POWER BOX		
	PBOX = SUBSURFACE POWER BOX		
	DT = DECIDUOUS TREE		
	CT = CONIFER TREE		
	AP = ANGLE POINT		
	BEG = BEGINNING		
	BLDG = BUILDING		
	BOW = BACK OF WALK		
	CC = CURB CUT		
	CL = CENTER LINE		
	CLUST = CLUSTER		
	COR = CORNER		
	DAY = DAYLIGHT		
	DFF = DECK FINISHED FLOOR		
	DY = DOUBLE YELLOW LINE		
	EDA = EDGE OF ASPHALT		
	EOG = EDGE OF GRAVEL		
	EOP = EDGE OF CONCRETE		
	EOP = EDGE OF PAVERS		
	FF = FINISHED FLOOR		
	FL = FLOW LINE		
	GB = GRADE BREAK		
	GRG = GARAGE		
	HDR = HEADER		
	(WOOD RETAINING WALL/CURB)		
	INT = INTERSECTION		
	LIP = LIP OF GUTTER		
	NG = NATURAL GROUND		
	PC = POINT OF CURVATURE		
	PI = POINT OF INTERSECTION		
	PT = POINT OF TANGENCY		
	TBC = TOP BACK OF CURB		
	TOE = TOE OF SLOPE		
	TOP = TOP OF SLOPE		
	TTP = TOP OF PAVEMENT		
	TW = TOP OF WALL		
	T-WELL = TREE WELL		
	TBW = TOP BACK OF WALK		
	WM = WATERMAIN		
	X-WALK = CROSSWALK		

SHEET INDEX

<u>SITE</u>	<u>SHEET#</u>	<u>DESCRIPTION</u>
	C0.1	COVER SHEET
	C0.2	DETAIL SHEET
	C0.3	DETAIL SHEET
Q1-1: 1ST ST. (FROM EAST. AVE. TO ALLEY BLOCK 42)		
	Q1-1.0	TRAFFIC CONTROL AND DEMOLITION PLAN
	Q1-1.1	SIDEWALK DESIGN PLAN
Q1-3: 2ND ST. (FROM LEADVILLE AVE. TO ALLEY BLOCK 22)		
	Q1-3.0	TRAFFIC CONTROL AND DEMOLITION PLAN
	Q1-3.1	SIDEWALK DESIGN PLAN
Q2-1: SOUTH CORNER OF BLOCK 60 (ALONG 2ND AVE. & RIVER ST.)		
	Q2-1.0	TRAFFIC CONTROL PLAN
	Q2-1.1	DEMOLITION PLAN
	Q2-1.2	SIDEWALK DESIGN PLAN
Q2-2: 1ST ST. (FROM 1ST AVE. TO ALLEY OF BLOCK 59)		
	Q2-2.0	TRAFFIC CONTROL AND DEMOLITION PLAN
	Q2-2.1	SIDEWALK DESIGN PLAN
Q2-3: 1ST ST. (FROM BLOCK 59 TO 2ND AVE.)		
	Q2-3.0	TRAFFIC CONTROL AND DEMOLITION PLAN
	Q2-3.1	SIDEWALK DESIGN PLAN
Q2-4: 2ND STREET (AT 160 W. 2ND ST. AND ALLEY BLOCK 59)		
	Q2-4.0	TRAFFIC CONTROL AND DEMOLITION PLAN
	Q2-4.1	SIDEWALK DESIGN PLAN
Q2-5: 2ND ST. (FROM ALLEY BLOCK 58 TO 1ST AVE.)		
	Q2-5.0	TRAFFIC CONTROL AND DEMOLITION PLAN
	Q2-5.1	SIDEWALK DESIGN PLAN
Q3-2: INTERSECTION OF 6TH ST. AND WASHINGTON AVE. (FROM ALLEY OF BLOCK 35 TO 191 E 5TH ST)		
	Q3-2.0	TRAFFIC CONTROL AND DEMOLITION PLAN
	Q3-2.1	SIDEWALK DESIGN PLAN
Q3-4: 7TH ST. AT N.E. CORNER OF BLK 14 (FROM ALLEY TO WARM SPRINGS RD)		
	Q3-4.0	TRAFFIC CONTROL AND DEMOLITION PLAN
	Q3-4.1	SIDEWALK DESIGN PLAN
Q3-6: EAST SIDE OF 1ST AVE. (FROM 8TH ST. TO 7TH ST.)		
	Q3-6.0	TRAFFIC CONTROL PLAN
	Q3-6.1	DEMOLITION PLAN
	Q3-6.2	SIDEWALK DESIGN PLAN

COVER SHEET
KETCHUM 2020 SIDEWALK INFILL

**PRELIMINARY
NOT FOR
CONSTRUCTION**

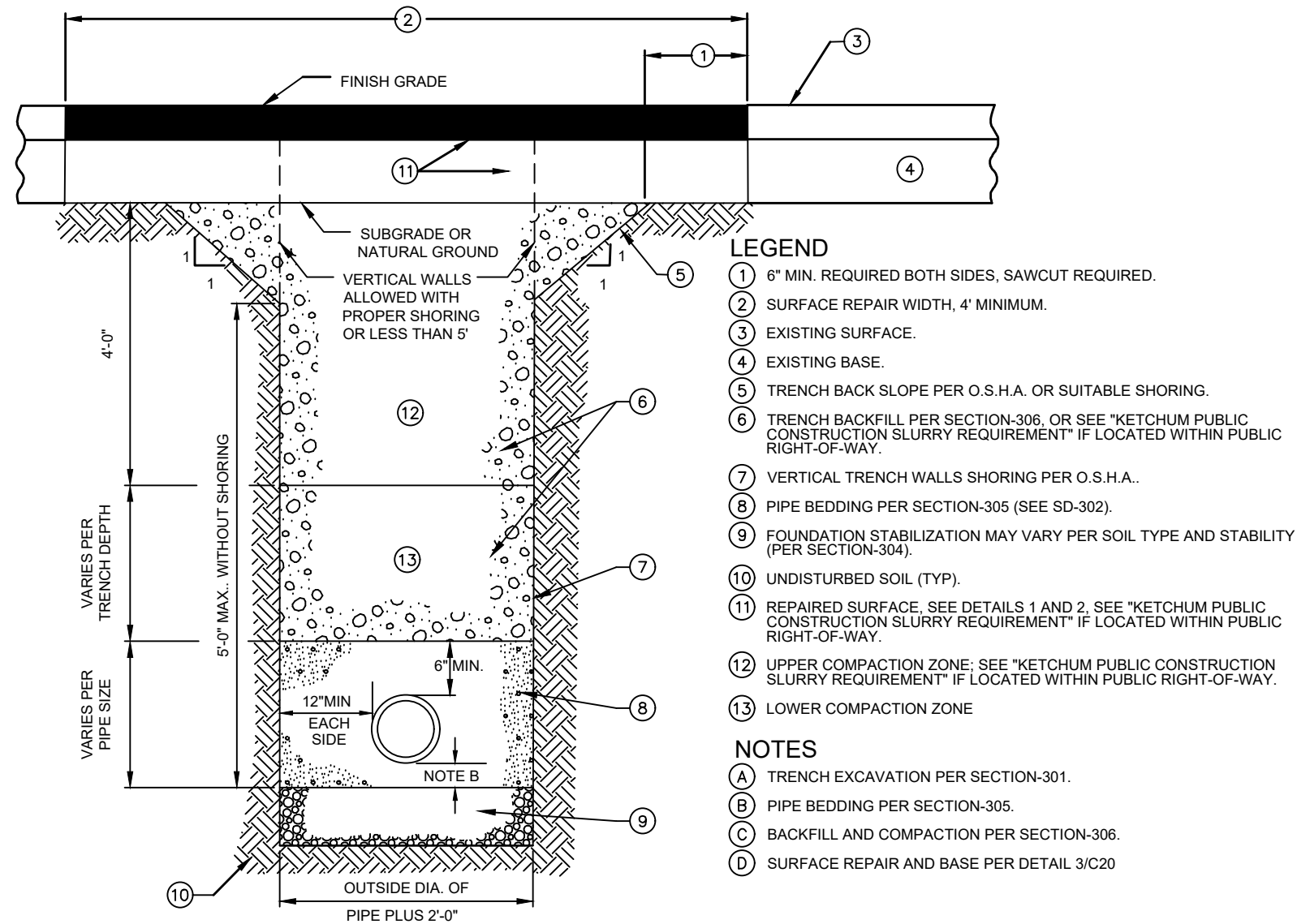
CT/JCL
DESIGNED BY
CT
DRAWN BY
JCL
CHECKED BY

GALENA
ENGINEERING, INC.
Civil Engineers & Land Surveyors
317 N. River Street
Hailey, Idaho 83333
(208) 788-1705
email galena@galena-engineering.com

PURPOSE: ISSUE FOR REVIEW			REVISIONS
NO	DATE	BY	

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 Galena Engineering, Inc.



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:

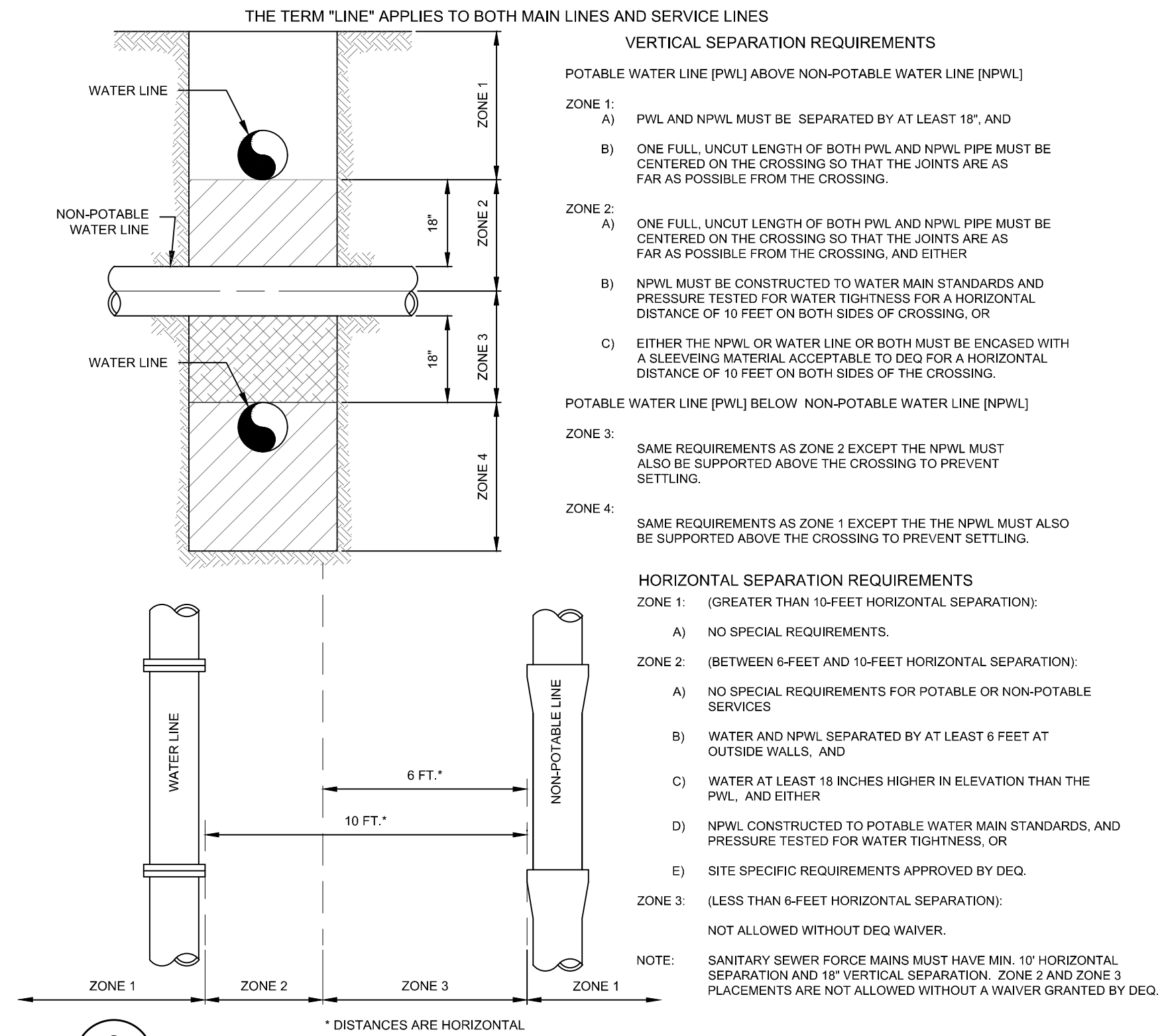
COARSE AGGREGATE (¾" MINUS)	: 2,600 LBS
SAND	: 600 LBS
PORTLAND CEMENT	: 84 LBS
WATER	: 11 GAL (MAX.)

WATER CONTENT IS MAXIMUM AND MAY BE REDUCING DOWNWARD. CARES 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 PLANTMIX 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 PLANTMIX 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.

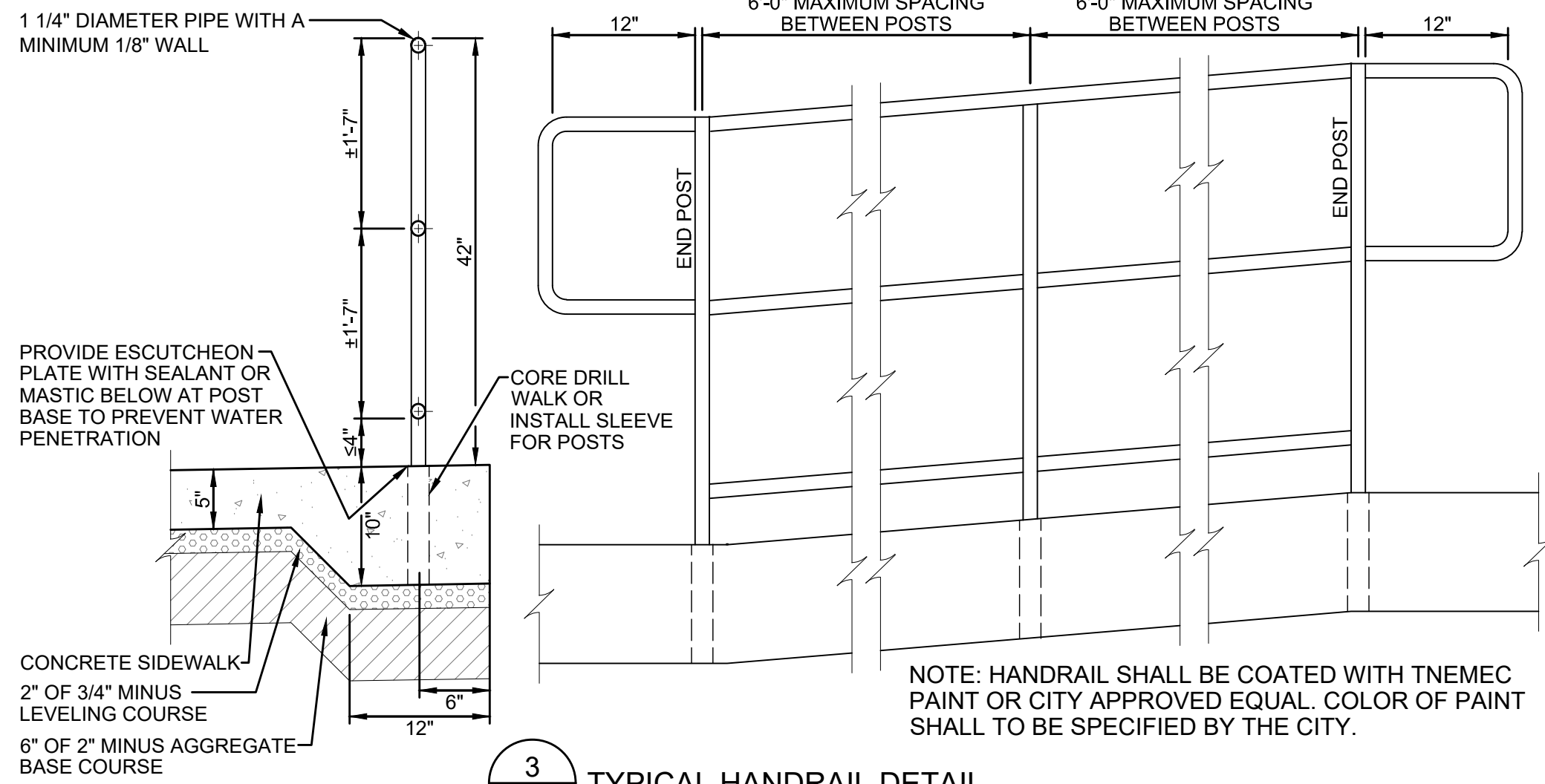
1 C0.3 TYPICAL TRENCH SECTION

N.T.S.



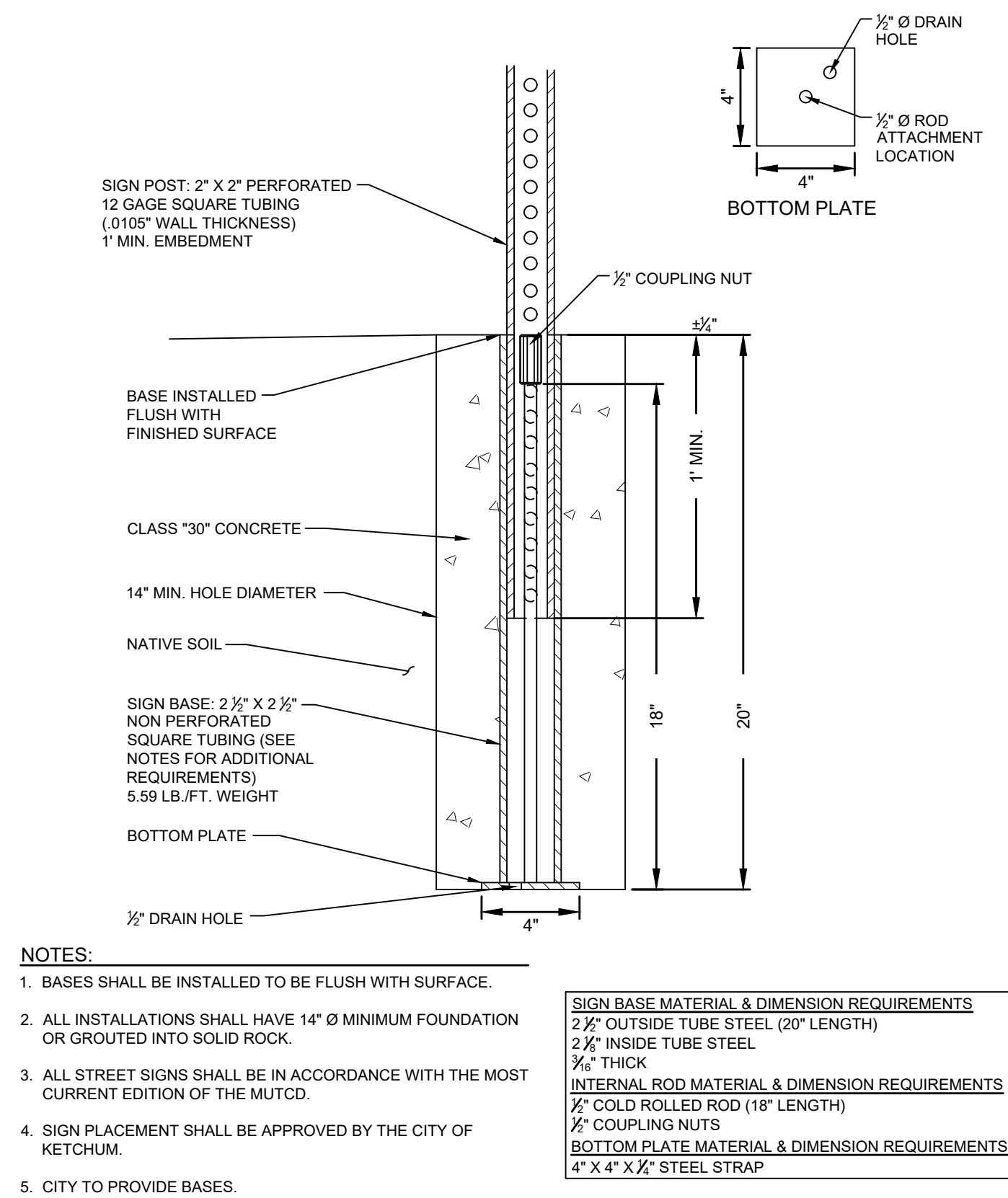
2 C0.3 POTABLE AND NON-POTABLE WATER LINE (NPWL) SEPARATION

N.T.S.



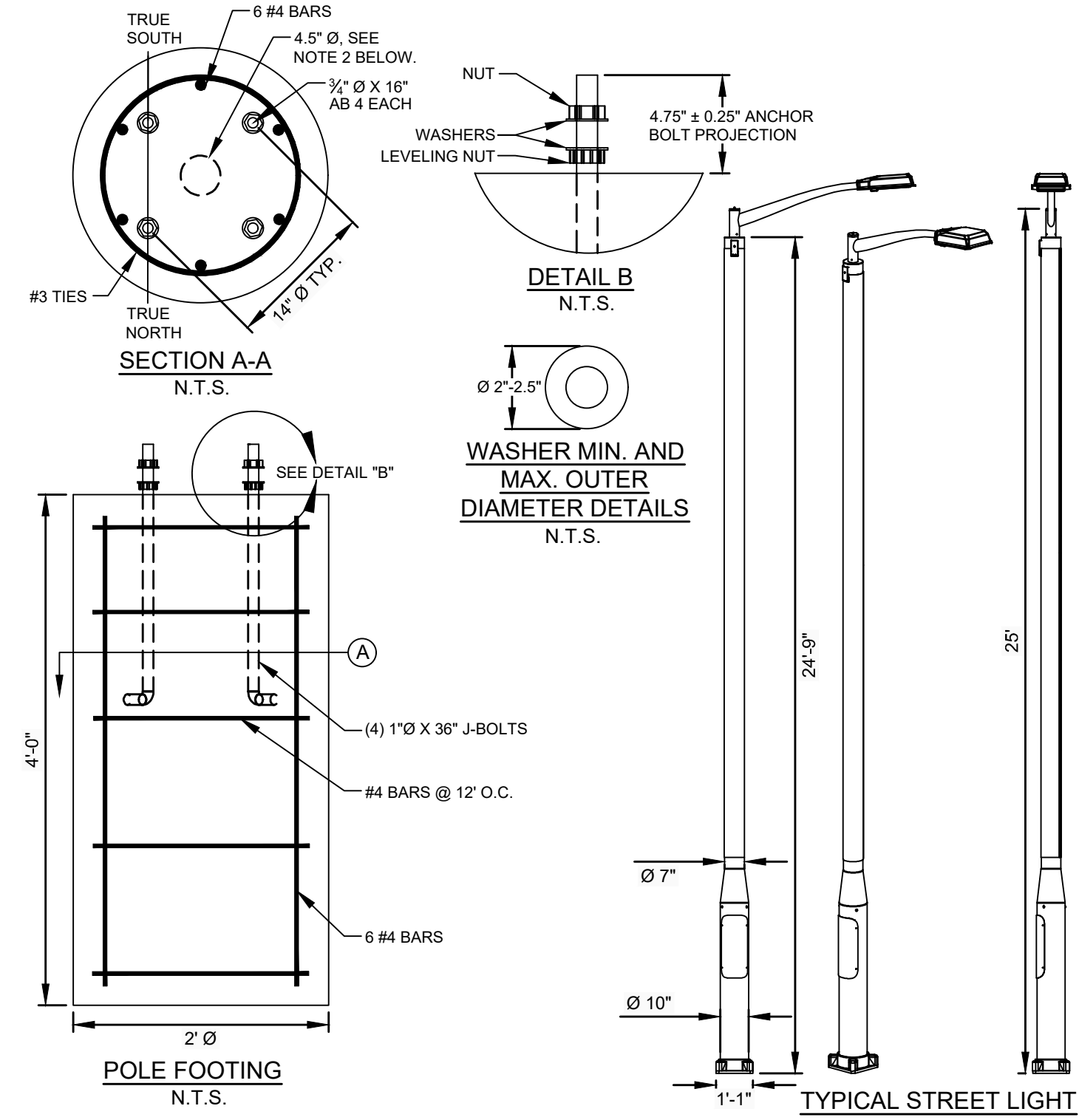
3 C0.3 TYPICAL HANDRAIL DETAIL

N.T.S.



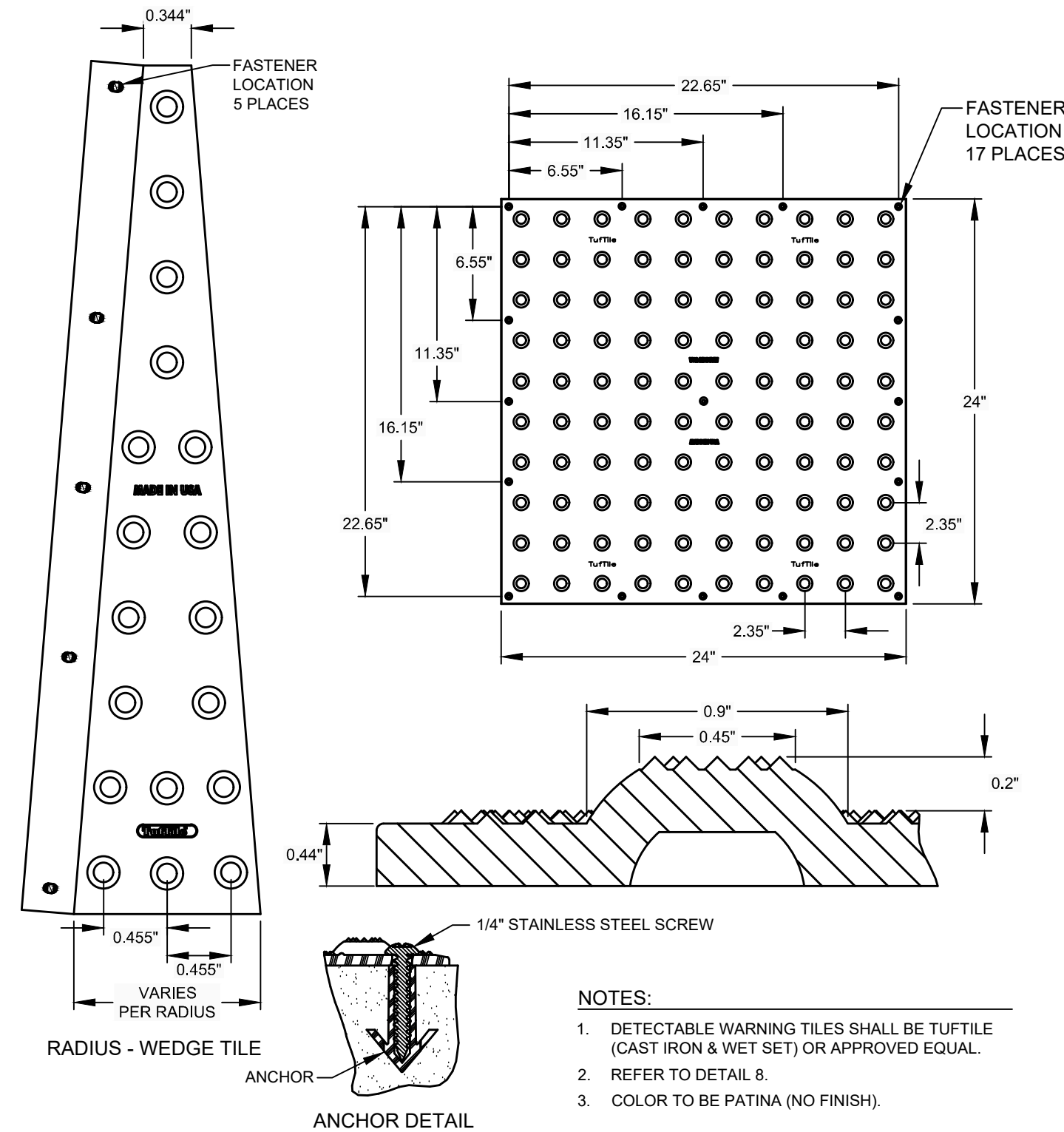
4 C0.3 TYPICAL SIGN BASE

N.T.S.



5 C0.3 TYPICAL STREET LIGHT

N.T.S.



6 C0.3 DETECTABLE WARNING PLATE

N.T.S.

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317 N. River Street
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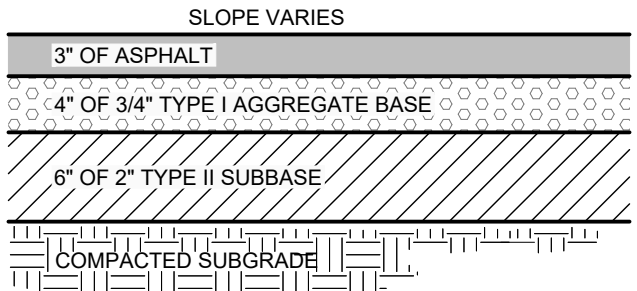
PURPOSE: ISSUE FOR REVIEW		REVISIONS	
NO.	DATE	BY	

C0.3

DETAIL SHEET
KETCHUM 2020 SIDEWALK INFILL

PROJECT INFORMATION
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PREPARED FOR CITY OF KETCHUM

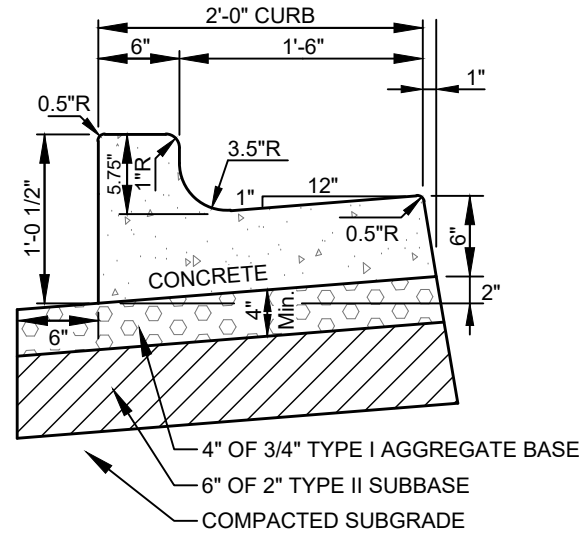
REUSE OF DRAWINGS: These drawings, or any portion thereof, shall not be used on any Project or extensions of this Project except by agreement in writing with Galena Engineering, Inc.



NOTES:

1. SUBBASE CAN BE 2" TYPE II OR 3/4" TYPE I CRUSHED AGGREGATE BASE COURSE.
2. MATERIALS SHALL CONFORM WITH CURRENT ISPMC 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.

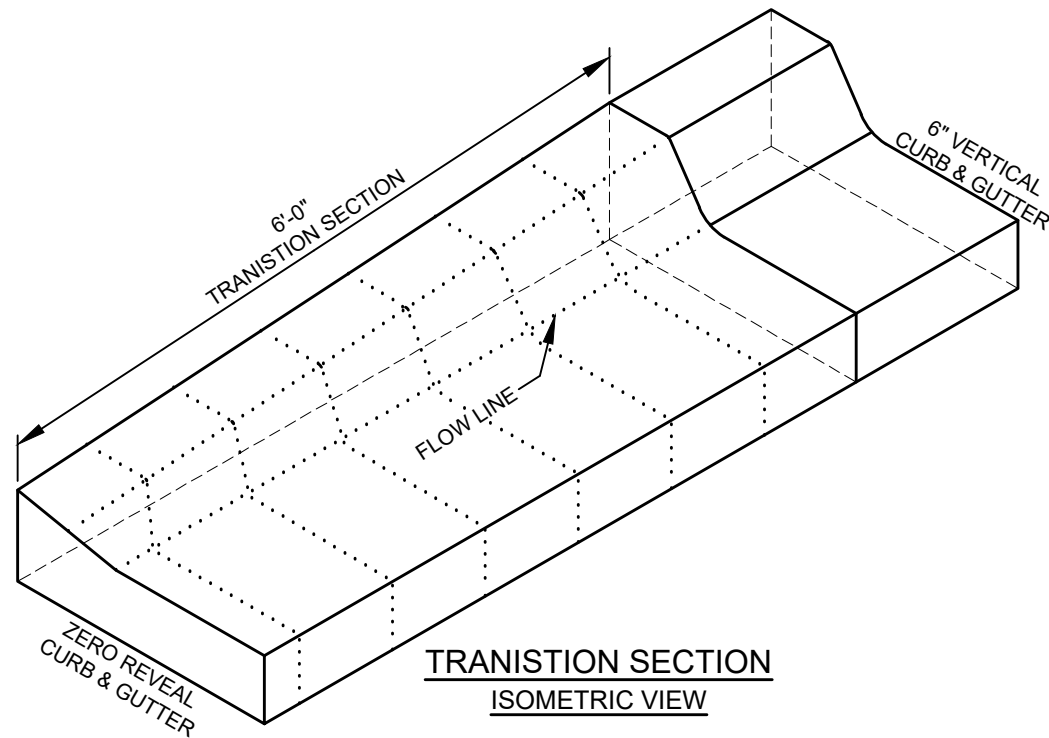
1
C0.2 **TYPICAL STREET ASPHALT SECTION**
N.T.S.



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3. PAVEMENT SECTION MAY BE MODIFIED IF A PROJECT SPECIFIC GEOTECHNICAL REPORT, STAMPED BY A LICENSED ENGINEER, IS PROVIDED.
4. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS OF RADI.
5. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET WISIDEWALK).

2a
C0.2 **6" CONCRETE VERTICAL CURB & GUTTER**
N.T.S.

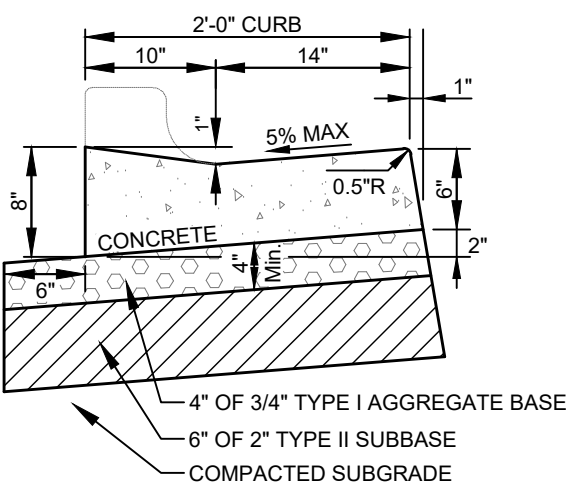


TRANSITION SECTION
ISOMETRIC VIEW

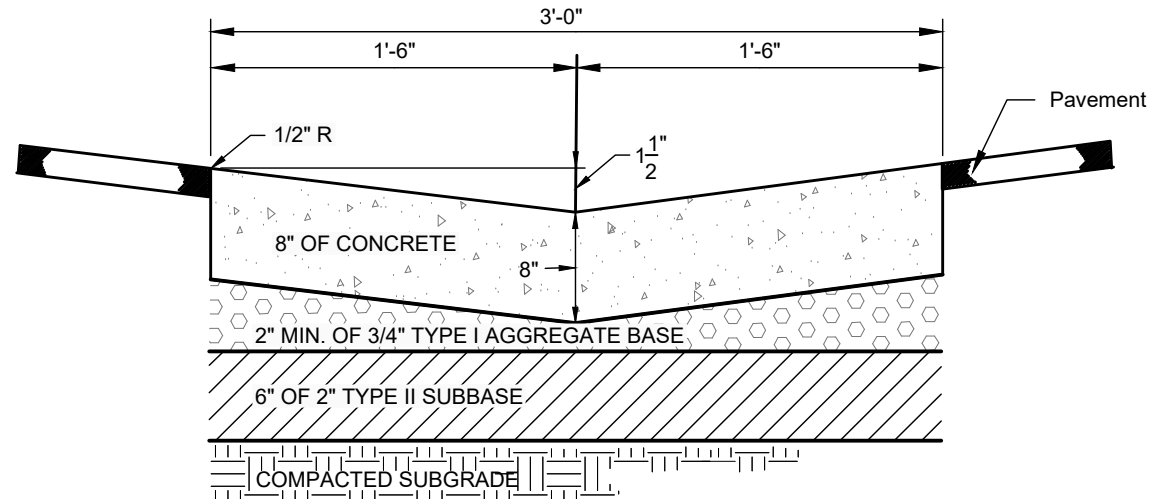
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3. PAVEMENT SECTION MAY BE MODIFIED IF A PROJECT SPECIFIC GEOTECHNICAL REPORT, STAMPED BY A LICENSED ENGINEER, IS PROVIDED.
4. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS OF RADI.
5. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET WISIDEWALK).

2b
C0.2 **TYPICAL CURB TRANSITION DETAIL**
N.T.S.



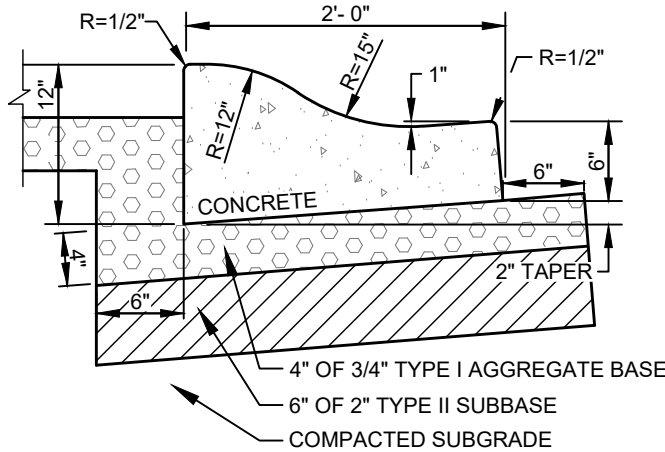
ZERO REVEAL CURB & GUTTER



NOTES:

1. SUBBASE CAN BE 2" TYPE II OR 3/4" TYPE I CRUSHED AGGREGATE BASE COURSE.
2. MATERIALS SHALL CONFORM WITH CURRENT ISPMC 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.
4. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS OF RADI.
5. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING.

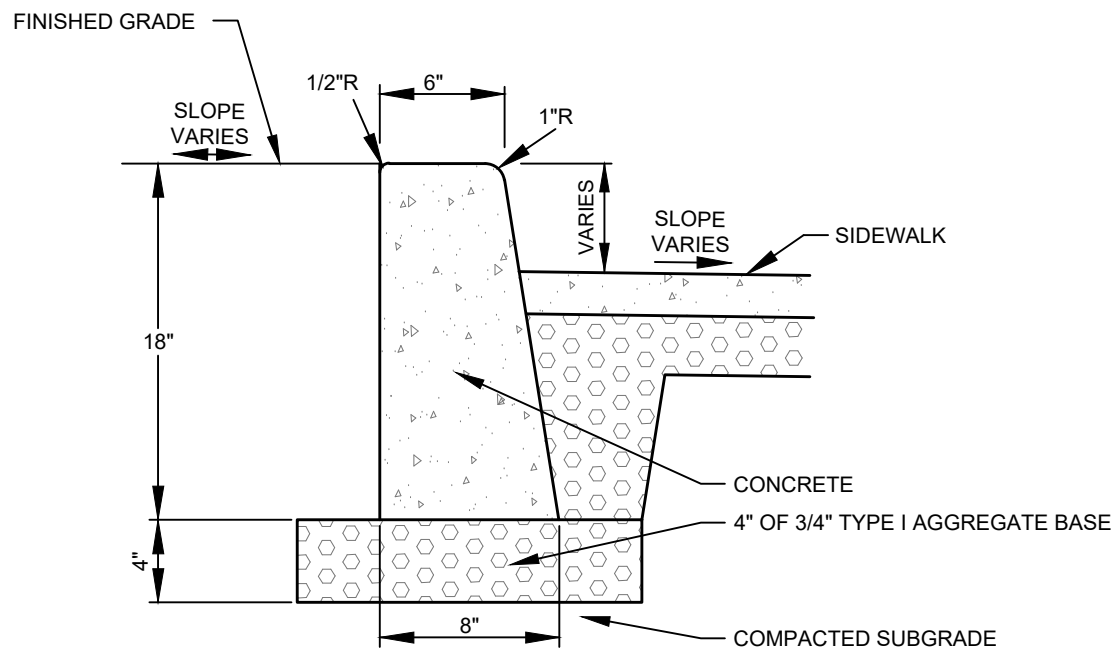
2c
C0.2 **36" CONCRETE VALLEY GUTTER**
N.T.S.



NOTES:

1. SUBBASE CAN BE 2" TYPE II OR 3/4" TYPE I CRUSHED AGGREGATE BASE COURSE.
2. MATERIALS SHALL CONFORM WITH CURRENT ISPMC 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.
4. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS OF RADI.
5. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET WISIDEWALK).

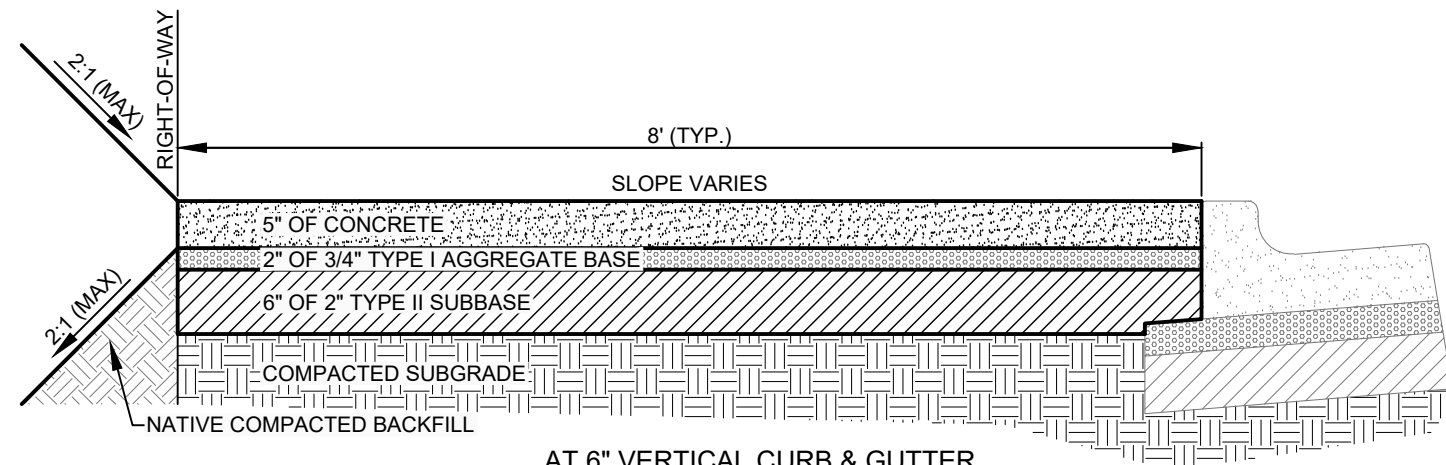
2d
C0.2 **6" CONCRETE ROLLED CURB & GUTTER**
N.T.S.



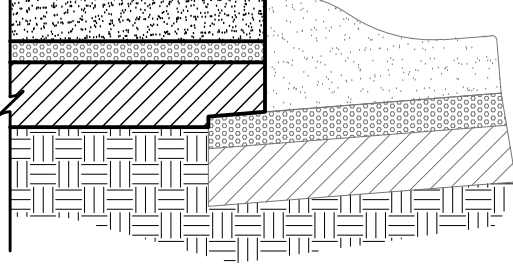
NOTES:

1. SUBBASE CAN BE 2" TYPE II OR 3/4" TYPE I CRUSHED AGGREGATE BASE COURSE.
2. MATERIALS SHALL CONFORM WITH CURRENT ISPMC 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.
4. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS OF RADI.
5. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET WISIDEWALK).

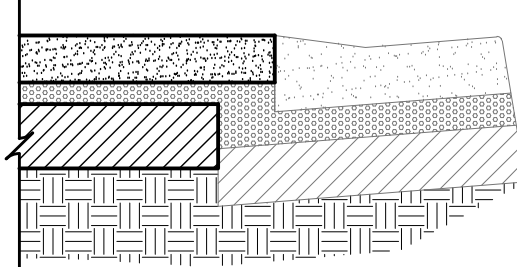
2e
C0.2 **CONCRETE VERTICAL CURB**
N.T.S.



AT 6" VERTICAL CURB & GUTTER



AT 6" ROLLED CURB & GUTTER

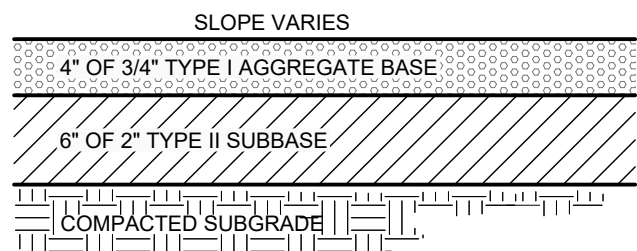


AT ZERO REVEAL CURB & GUTTER

NOTES:

1. SUBBASE CAN BE 2" TYPE II OR 3/4" TYPE I CRUSHED AGGREGATE BASE COURSE.
2. MATERIALS SHALL CONFORM WITH CURRENT ISPMC 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.
4. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS OF RADI.
5. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET WISIDEWALK).

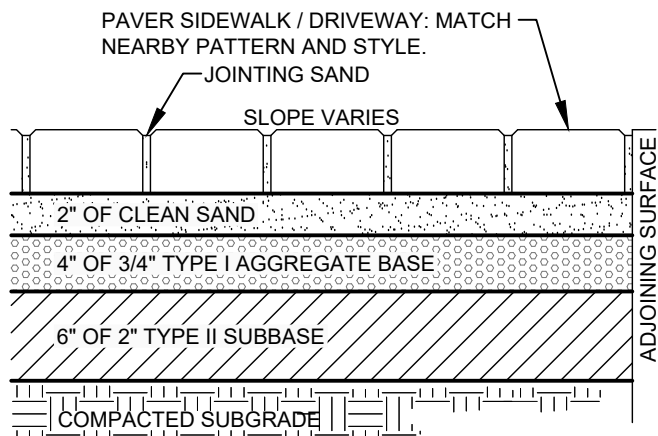
3
C0.2 **TYPICAL CONCRETE SIDEWALK SECTION**
N.T.S.



NOTES:

1. SUBBASE CAN BE 2" TYPE II OR 3/4" TYPE I CRUSHED AGGREGATE BASE COURSE.
2. MATERIALS SHALL CONFORM WITH CURRENT ISPMC 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.

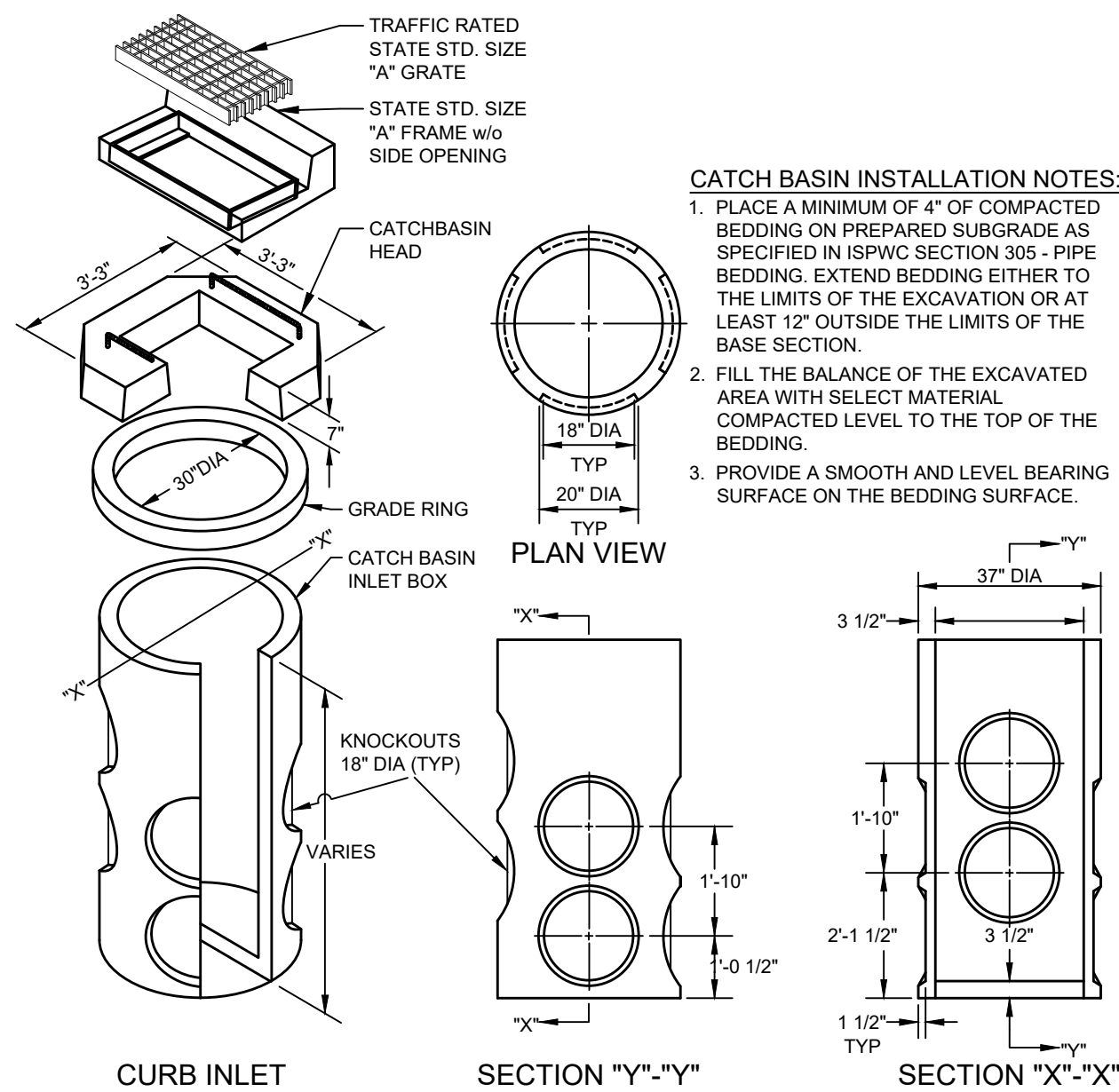
4
C0.2 **TYPICAL GRAVEL SECTION**
N.T.S.



NOTES:

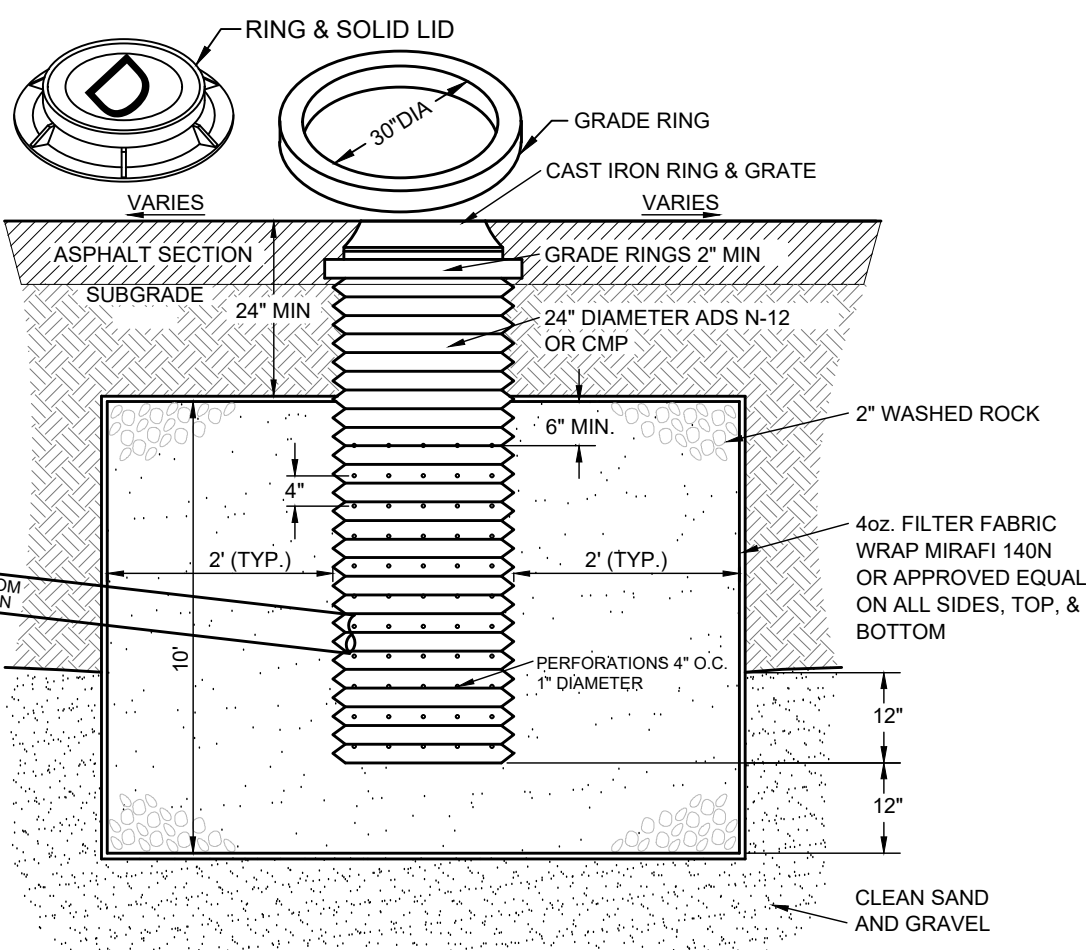
1. SUBBASE CAN BE 2" TYPE II OR 3/4" TYPE I CRUSHED AGGREGATE BASE COURSE.
2. MATERIALS SHALL CONFORM WITH CURRENT ISPMC STANDARDS, DIVISION 800 AGGREGATES AND ASPHALT.
3. PAVEMENT SECTION MAY BE MODIFIED IF A PROJECT SPECIFIC GEOTECHNICAL REPORT, STAMPED BY A LICENSED ENGINEER, IS PROVIDED.

5
C0.2 **PAVER DETAIL**
N.T.S.



CATCH BASIN INSTALLATION NOTES:

1. PLACE A MINIMUM OF 4" OF COMPACTED BEDDING ON PREPARED SUBGRADE AS SPECIFIED IN ISPMC SECTION 305 - PIPE BEDDING. EXTEND BEDDING EITHER TO THE LIMITS OF THE EXCAVATION OR AT LEAST 12" OUTSIDE THE LIMITS OF THE BASE SECTION.
2. FILL THE BALANCE OF THE EXCAVATED AREA WITH SELECT MATERIAL COMPACTED LEVEL TO THE TOP OF THE BEDDING.
3. PROVIDE A SMOOTH AND LEVEL BEARING SURFACE ON THE BEDDING SURFACE.



NOTES:

1. THE BED SHALL BE EXCAVATED A MINIMUM OF 24" INTO CLEAN SAND AND GRAVEL.
2. MAXIMUM DEPTH SHALL NOT EXCEED 12 FEET.
3. IF CLEAN SAND AND GRAVEL IS NOT ENCOUNTERED WITHIN 12 FEET, THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER.
4. GRATE OR SOLID LID AS APPROVED BY CITY OF KETCHUM.

9
C0.2 **DRYWELL DETAIL (6'X6')**
N.T.S.

DETAIL SHEET
KETCHUM 2020 SIDEWALK INFILL

PROJECT INFORMATION
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Halley, Idaho 83333
(208) 768-1705
email: galena@galena-engineering.com

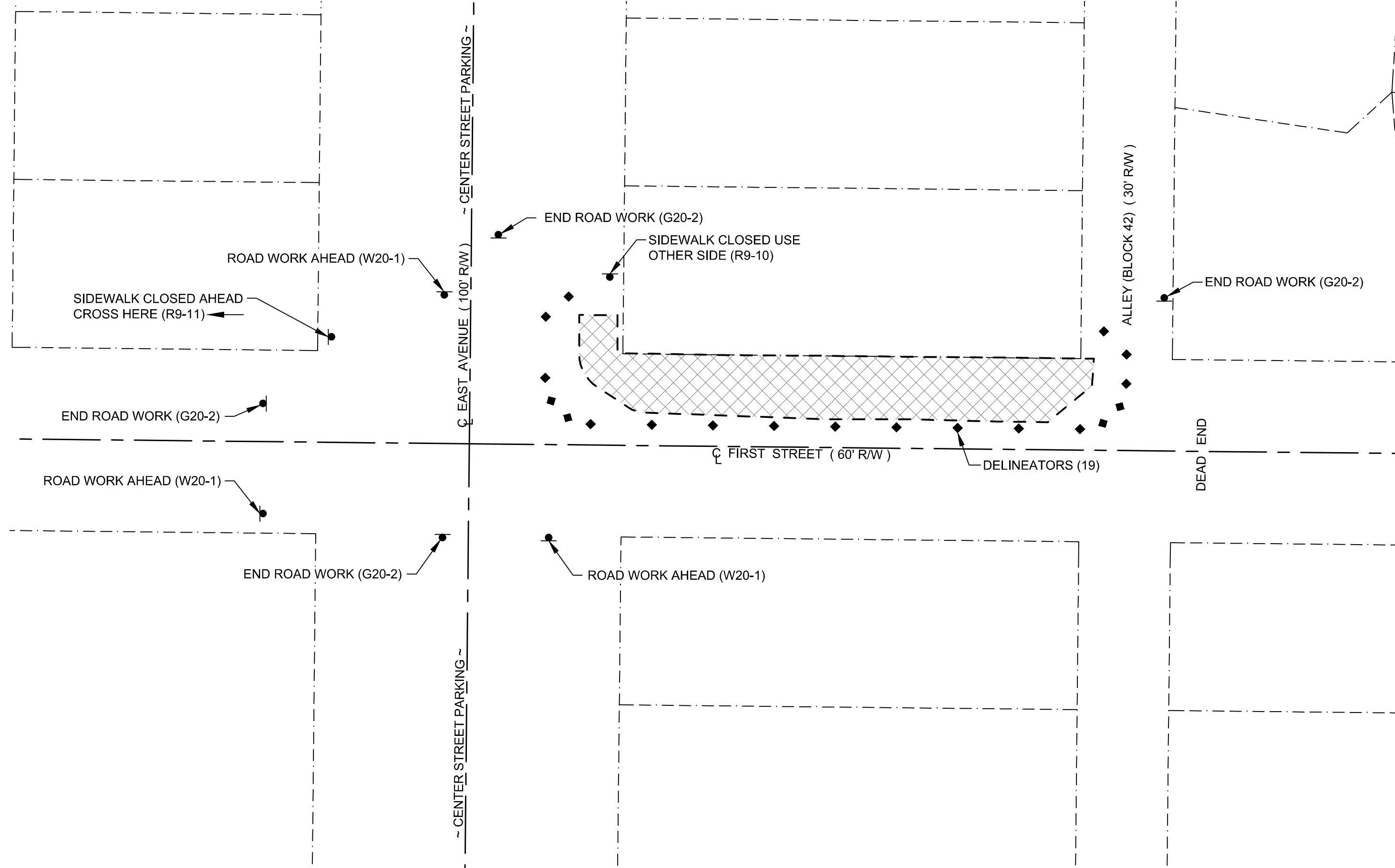
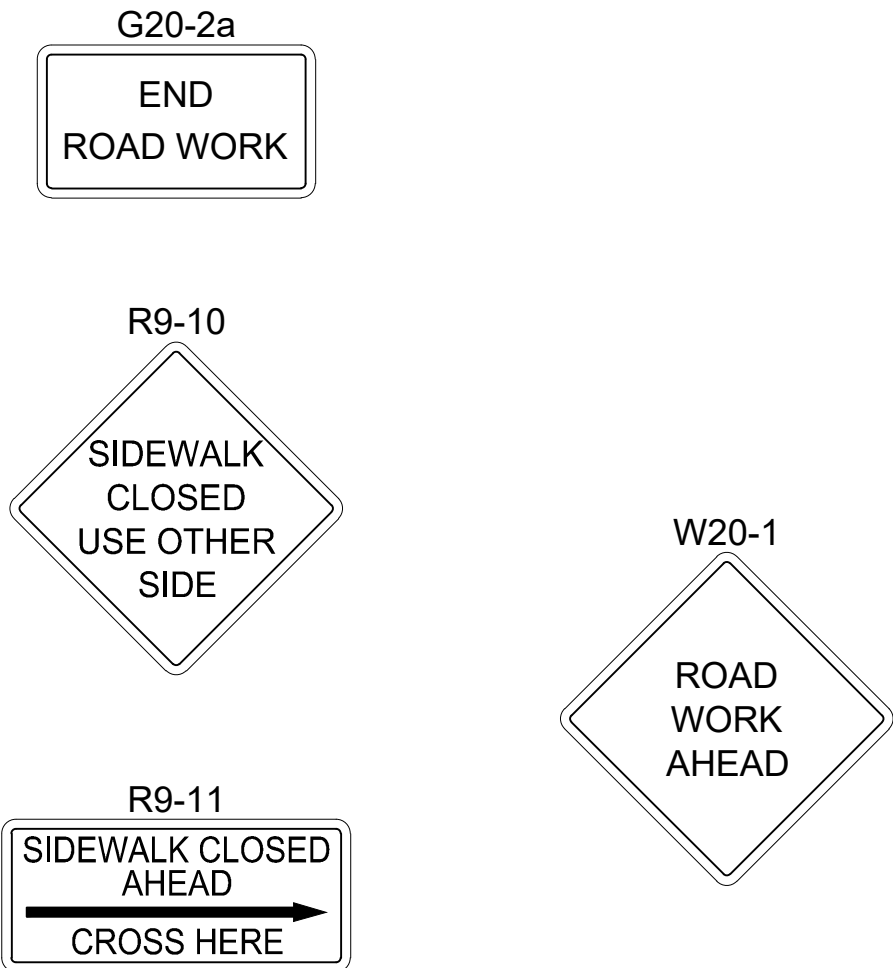
PURPOSE: ISSUE FOR REVIEW		REVISIONS	
NO.	DATE	BY	

C0.2

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NOTES

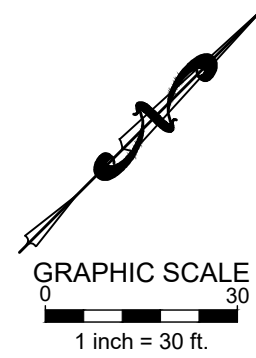
- ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT MUTCD. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE NUMBER OF BARRICADES, SIGNS, AND MANPOWER TO PREVENT ALL PUBLIC ACCESS TO THE CONSTRUCTION AREA.
- THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN ALL TRAFFIC CONTROL DEVICES AS REQUIRED BY THESE PROJECT DOCUMENTS. THE OVERALL EFFECTIVENESS UNDER BOTH DAY AND NIGHT CONDITIONS AND THE PLACEMENT OF THESE INSTALLATIONS SHALL BE MAINTAINED, AND ADJUSTMENTS AND CLEANING DONE TO ENSURE OPTIMUM PERFORMANCE OF THE TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL SUBMIT ANY CHANGES TO THE CONTROL PLAN FOR APPROVAL BY OWNER AND THE CITY ENGINEER. NO CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE IMPLEMENTED UNTIL APPROVAL OR CHANGES ARE RECEIVED IN WRITING.
- THE CONTRACTOR SHALL COVER EXISTING TRAFFIC CONTROL SIGNS IN CONSTRUCTION ZONE.
- THE CONTRACTOR SHALL COORDINATE CLOSURE OF DRIVEWAYS WITH OWNERS, IF NECESSARY.



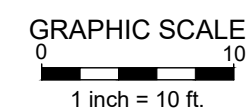
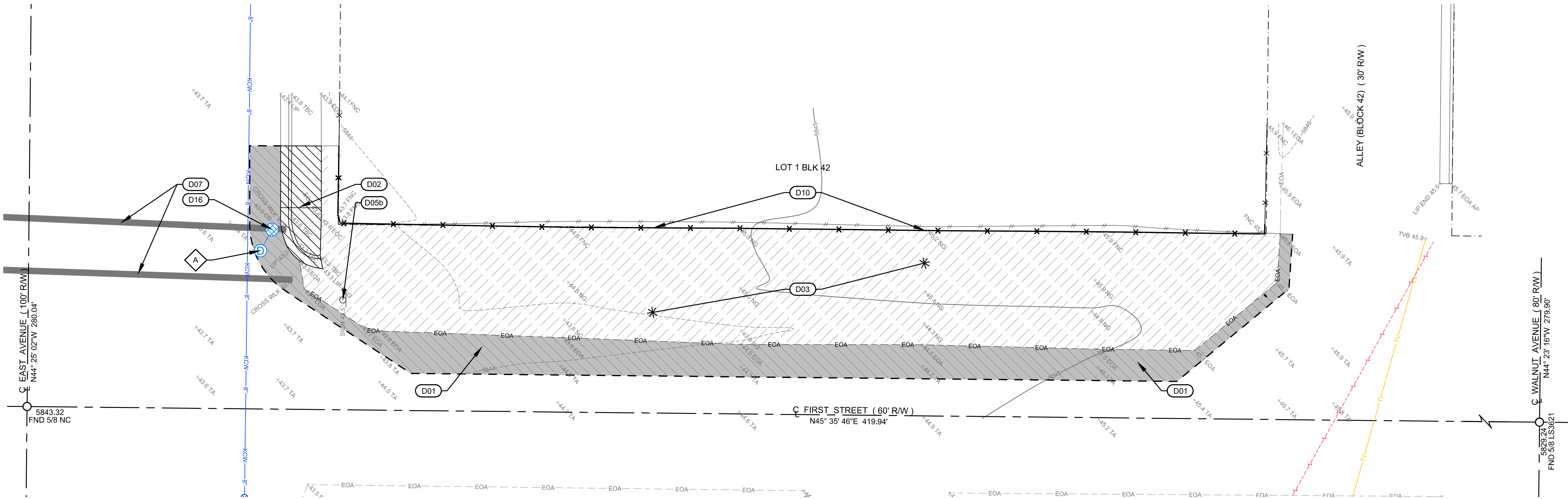
LEGEND

- PROPERTY LINE
- CENTERLINE OF RIGHT-OF-WAY
- TEMPORARY TRAFFIC CONTROL SIGN
- EXPECTED LIMITS OF PROJECT
- DELINEATORS
- TYPE III BARRICADE

SIGN SUMMARY		
TYPE	DESCRIPTION	QUANTITY
G20-2	END ROAD WORK	4
R9-10	SIDEWALK CLOSED USE OTHER SIDE	1
R9-11	SIDEWALK CLOSED AHEAD CROSS HERE	1
W20-1	ROAD WORK AHEAD	3
DELINEATORS		19



TRAFFIC CONTROL PLAN: SITE Q1-1 - 1ST STREET (FROM EAST AVE TO ALLEY BLOCK 42)



DEMOLITION PLAN: SITE Q1-1 - 1ST STREET (FROM EAST AVE TO ALLEY BLOCK 42)

DEMOLITION KEY NOTES

- D01** SAWCUT ASPHALT AS SHOWN TO PROVIDE CLEAN VERTICAL EDGE. REMOVE AND DISPOSE OF ASPHALT.
- D02** REMOVE AND DISPOSE OF CONCRETE CURB AND/OR SIDEWALK AND/OR RETAINING WALL. (UTILIZE EXISTING JOINTS WHERE POSSIBLE)
- D03** GRUB SITE
- D05** REMOVE SIGN:
 - a. RETAIN AND RETURN TO OWNER.
 - b. RETAIN SIGN. TO BE RELOCATED TO NEW SIDEWALK (SEE CORRESPONDING SIDEWALK DESIGN SHEET).
- D07** OBLITERATE PAVEMENT MARKINGS
- D10** REMOVE AND RETAIN FENCE.
- D16** REMOVE AND DISPOSE OF CATCH BASIN.
- A** LOCATE AND PROTECT DRYWELL IN-PLACE. LOCATION SHOWN HEREON WAS IDENTIFIED BY SURVEYOR AND LID IS DETERMINED TO BE UNDER ASPHALT

CT/JCL
DESIGNED BY
CT
DRAWN BY
JCL
CHECKED BY

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ENGINEERING, INC.
Civil Engineers & Land Surveyors
317 N. River Street
Halley, Idaho 83333
(208) 768-1705
email: galena@galena-engineering.com

PURPOSE: ISSUE FOR REVIEW

NO. DATE BY REVISIONS

Q1-1.0

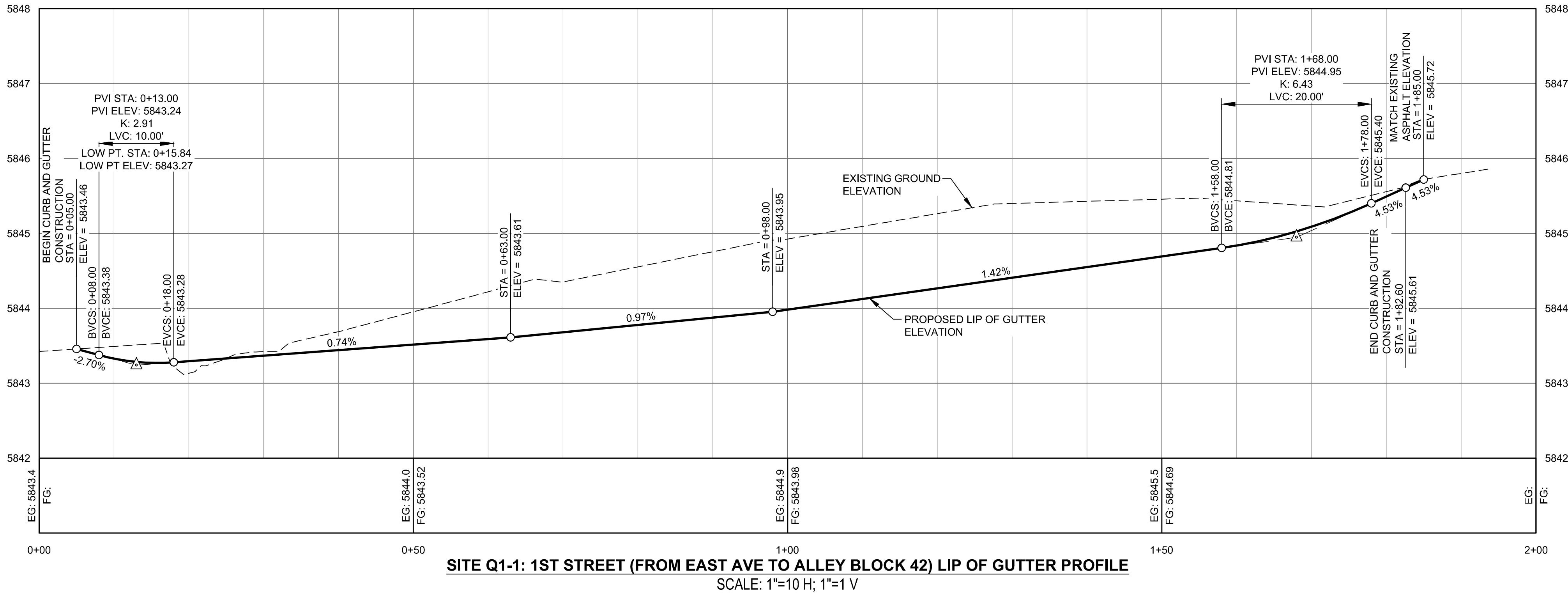
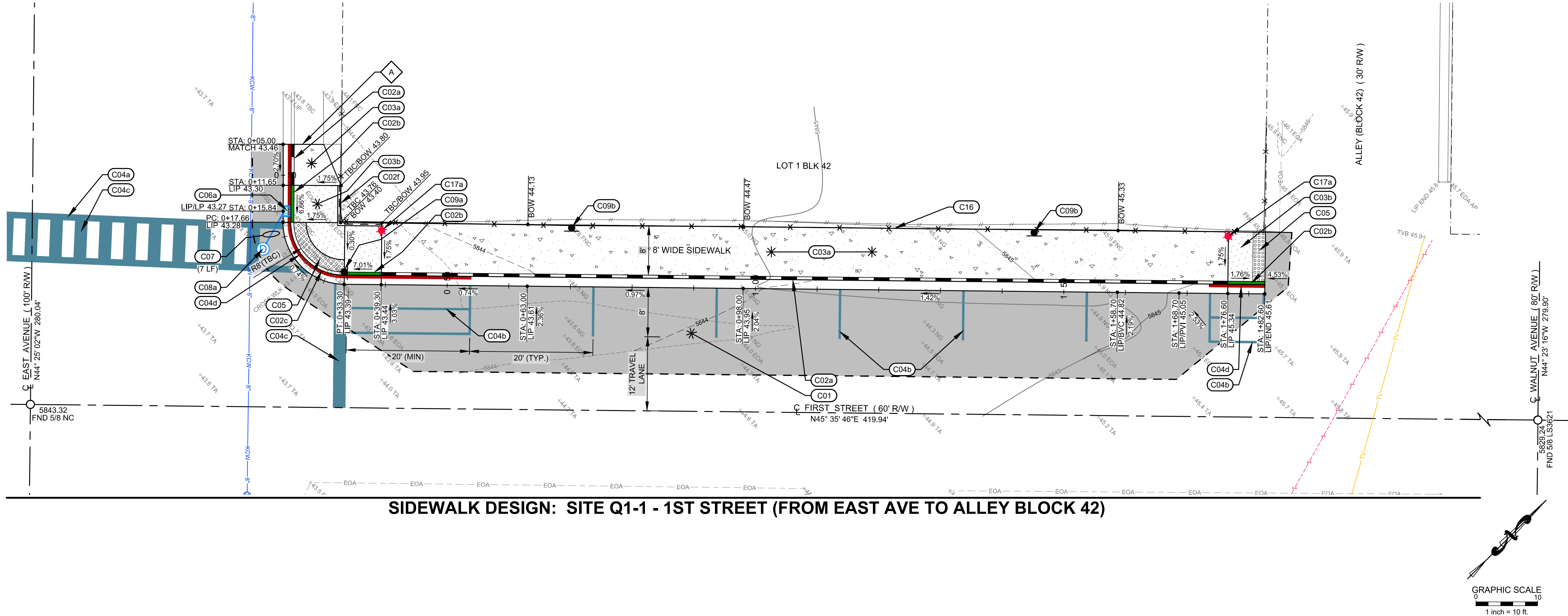
TRAFFIC CONTROL AND DEMOLITION PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q1-1
1ST STREET (FROM EAST AVE TO ALLEY BLOCK 42)

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CONSTRUCTION

PROJECT INFORMATION
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CONSTRUCTION KEY NOTES

- C01** CONSTRUCT ASPHALT ROADWAY / ASPHALT REPAIR. SEE DETAIL 1 / C0.2.
- C02** CONSTRUCT CONCRETE CURB AND GUTTER
- 6" VERTICAL C&G PER DETAIL 2a / C0.2.
 - CURB TRANSITION PER DETAIL 2b / C0.2.
 - ZERO REVEAL CURB AND GUTTER PER DETAIL 2b / C0.2.
 - 6" ROLLED C&G PER DETAIL 2d / C0.2.
 - 3" WIDE CONCRETE VALLEY GUTTER PER DETAIL 2c / C0.2.
 - CONCRETE VERTICAL CURB PER DETAIL 2e / C0.2.
 - ±5' OF CURB TRANSITION (BETWEEN 6" VERTICAL C&G AND 6" ROLLED C&G).
- C03** CONSTRUCT CONCRETE SIDEWALK. WIDTH AS SHOWN HEREON. SEE DETAIL 3 / C0.2.
- FLAT WORK.
 - ADA COMPLIANT RAMPS / LANDING.
 - NON - ADA COMPLIANT RAMP BECAUSE OF EXISTING GRADE.
- C04** INSTALL ROAD STRIPING / PAINT
- WHITE CROSSWALK STRIPING (12" WIDE).
 - YELLOW ASPHALT PARKING STRIPING (4" WIDE), MATCH CITY PATTERNS.
 - WHITE CROSSWALK / STOP BAR STRIPING (24" WIDE).
 - RED "NO PARKING" STRIPING ON CURB. MATCH CITY PATTERNS.
- C05** INSTALL CITY OF KETCHUM APPROVED CAST IRON TRUNCATED DOME DETECTABLE WARNING INSERT. SEE DETAIL 6 / C0.3.
- C06** INSTALL CATCH BASIN. SEE DETAIL 6 / C0.2.
- RIM = 5843.07
INV. OUT = 5840.07
- C07** INSTALL 12" ADS N-12 STORM DRAIN PIPE WITH A MINIMUM SLOPE OF 2.0%. SEE DETAIL 2 / C0.3 FOR POTABLE AND NON-POTABLE WATER LINE SEPARATION AND DETAIL 1 / C0.3 FOR TRENCHING.
- C08** DRYWELL. SEE DETAIL 9 / C0.2.
- CONNECT TO EXISTING DRYWELL
RIM = +5843.3
INV. IN = 5839.93
- C09** SIGNS:
- INSTALL STOP / STREET SIGN. USE PREVIOUSLY REMOVED SIGN. COORDINATE FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
 - INSTALL REGULATORY SIGN. COORDINATE TYPE AND FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
- C16** INSTALL FENCE WITH APPLICABLE GATES. USE PREVIOUSLY REMOVED FENCE / GATES OR MATCH STYLE AND HEIGHT.
- C17** STREET LIGHTS
- INSTALL STREET LIGHT: SOLAR (OFF-GRID) SEE DETAIL 5 / C0.3 FOR DETAILS.
- A** MATCH EXISTING LINES AND GRADES

GENERAL NOTE:

1. NOT ALL KEY NOTES MAY BE USED.

SITE IMPROVEMENT PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q1-1
1ST STREET (FROM EAST AVE TO ALLEY BLOCK 42)

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CT
DRAWN BY
JCL
CHECKED BY

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Civil Engineers & Land Surveyors
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email: galena@galena-engineering.com

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DATE

BY

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Q1-1.1

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G20-2a
END
ROAD WORK

R9-11
SIDEWALK CLOSED
AHEAD
CROSS HERE

R11-2
ROAD
CLOSED

W20-1
ROAD
WORK
AHEAD

NOTES

- ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT MUTCD. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE NUMBER OF BARRICADES, SIGNS, AND MANPOWER TO PREVENT ALL PUBLIC ACCESS TO THE CONSTRUCTION AREA.
- THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN ALL TRAFFIC CONTROL DEVICES AS REQUIRED BY THESE PROJECT DOCUMENTS. THE OVERALL EFFECTIVENESS UNDER BOTH DAY AND NIGHT CONDITIONS AND THE PLACEMENT OF THESE INSTALLATIONS SHALL BE MAINTAINED, AND ADJUSTMENTS AND CLEANING DONE TO ENSURE OPTIMUM PERFORMANCE OF THE TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL SUBMIT ANY CHANGES TO THE CONTROL PLAN FOR APPROVAL BY OWNER AND THE CITY ENGINEER. NO CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE IMPLEMENTED UNTIL APPROVAL OR CHANGES ARE RECEIVED IN WRITING.
- THE CONTRACTOR SHALL COVER EXISTING TRAFFIC CONTROL SIGNS IN CONSTRUCTION ZONE.
- THE CONTRACTOR SHALL COORDINATE CLOSURE OF DRIVEWAYS WITH OWNERS, IF NECESSARY.

TRAFFIC CONTROL PLAN: SITE Q1-3 - 2ND ST (FROM LEADVILLE AVE. TO ALLEY BLK 22)

LEGEND

- PROPERTY LINE
- CENTERLINE OF RIGHT-OF-WAY
- TEMPORARY TRAFFIC CONTROL SIGN
- EXPECTED LIMITS OF PROJECT
- DELINEATORS
- TYPE III BARRICADE

SIGN SUMMARY		
TYPE	DESCRIPTION	QUANTITY
G20-2	END ROAD WORK	4
R9-11	SIDEWALK CLOSED AHEAD CROSS HERE	2
R11-2	ROAD CLOSED	1
W20-1	ROAD WORK AHEAD	4
	DELINEATORS	15
	TYPE III BARRICADE	2

DEMOLITION KEY NOTES

- D01** SAWCUT ASPHALT AS SHOWN TO PROVIDE CLEAN VERTICAL EDGE. REMOVE AND DISPOSE OF ASPHALT.
- D03** GRUB SITE
- D04** REMOVE AND DISPOSE OF TREE AND ROOT BALL SYSTEM
- D05** REMOVE SIGN:
 - a. RETAIN AND RETURN TO OWNER.
 - b. RETAIN SIGN. TO BE RELOCATED TO NEW SIDEWALK (SEE CORRESPONDING SIDEWALK DESIGN SHEET).
- D06** REMOVE PAVERS. REUSE QUANTITY AS NECESSARY FOR REGRADING (SEE CORRESPONDING SIDEWALK DESIGN SHEET). RETURN REMAINING PAVERS TO OWNER.
- D07** OBLITERATE PAVEMENT MARKINGS
- D10** REMOVE AND RETAIN FENCE.
- D18** REMOVE AND DISPOSE OF WOOD CURB (HEADER).
- A** RETAIN AND PROTECT
 - 1. UTILITY BOX / VAULT

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DESIGNED BY
CT
DRAWN BY
JCL
CHECKED BY

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Civil Engineers & Land Surveyors
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Halley, Idaho 83333
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email: galena@galena-engineering.com

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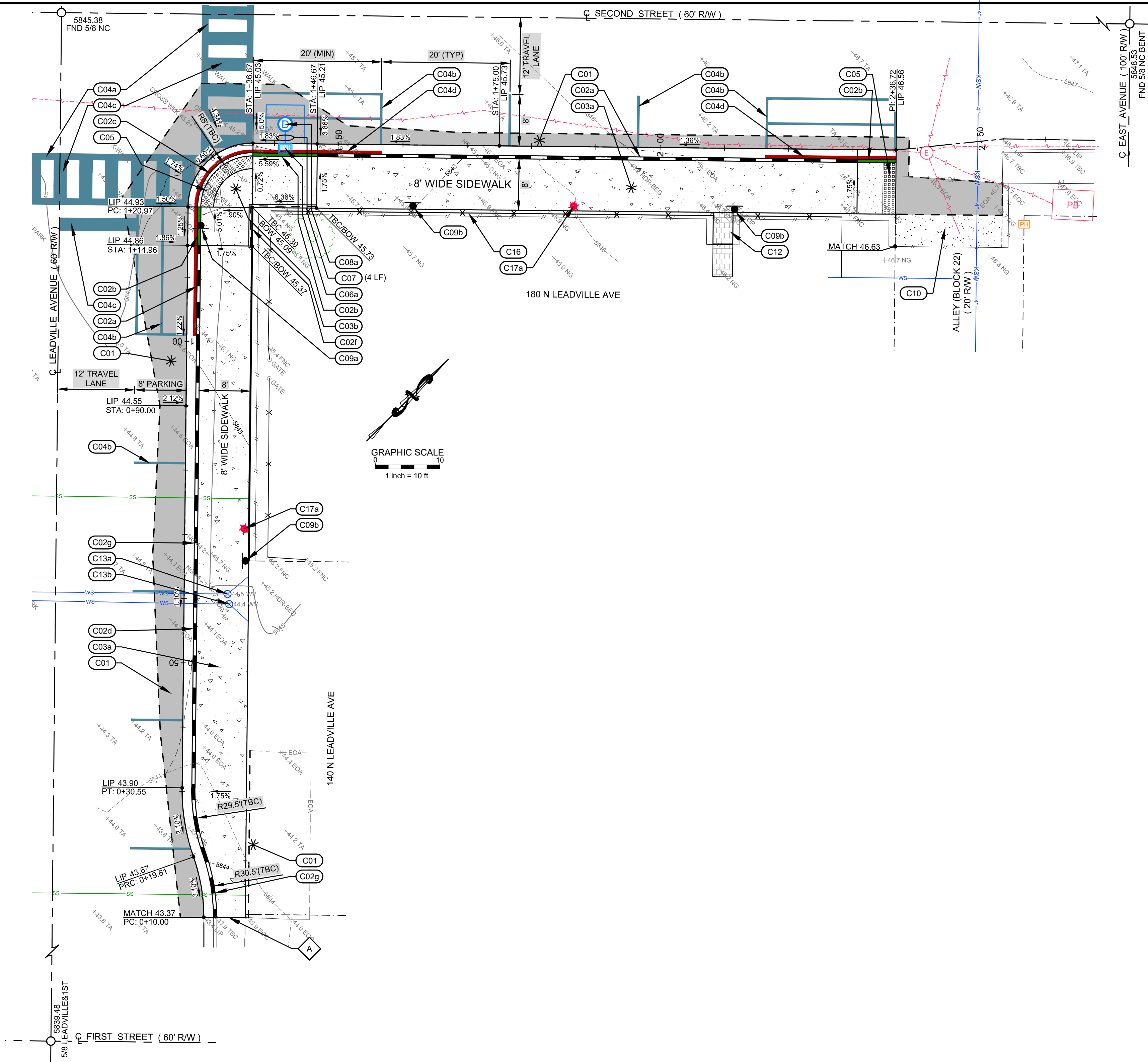
Q1-3.0

TRAFFIC CONTROL AND DEMOLITION PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q1-3
2ND ST (FROM LEADVILLE AVE. TO ALLEY BLOCK 22)

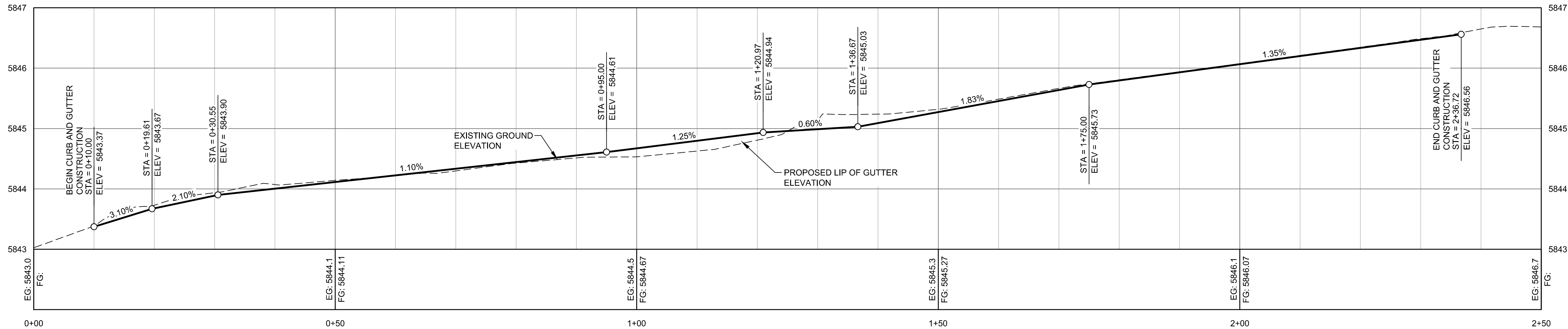
PROJECT INFORMATION
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SIDEWALK DESIGN: SITE Q1-3 - 2ND ST (FROM LEADVILLE AVE. TO ALLEY BLK 22)



SITE Q1-3: 2ND ST (FROM LEADVILLE AVE. TO ALLEY BLK 22) LIP OF GUTTER PROFILE
SCALE: 1"=10 H; 1"=1 V

CONSTRUCTION KEY NOTES

- C01 CONSTRUCT ASPHALT ROADWAY / ASPHALT REPAIR. SEE DETAIL 1 / C0.2.
- C02 CONSTRUCT CONCRETE CURB AND GUTTER
- 6" VERTICAL C&G PER DETAIL 2a / C0.2.
 - CURB TRANSITION PER DETAIL 2b / C0.2.
 - ZERO REVEAL CURB AND GUTTER PER DETAIL 2b / C0.2.
 - 6" ROLLED C&G PER DETAIL 2d / C0.2.
 - 3" WIDE CONCRETE VALLEY GUTTER PER DETAIL 2c / C0.2.
 - CONCRETE VERTICAL CURB PER DETAIL 2e / C0.2.
 - ±5' OF CURB TRANSITION (BETWEEN 6" VERTICAL C&G AND 6" ROLLED C&G).
- C03 CONSTRUCT CONCRETE SIDEWALK. WIDTH AS SHOWN HEREON. SEE DETAIL 3 / C0.2.
- FLAT WORK
 - ADA COMPLIANT RAMPS / LANDING.
 - NON - ADA COMPLIANT RAMP BECAUSE OF EXISTING GRADE
- C04 INSTALL ROAD STRIPING / PAINT
- WHITE CROSSWALK STRIPING (12" WIDE).
 - YELLOW ASPHALT PARKING STRIPING (4" WIDE). MATCH CITY PATTERNS.
 - WHITE CROSSWALK / STOP BAR STRIPING (24" WIDE).
 - RED "NO PARKING" STRIPING ON CURB. MATCH CITY PATTERNS.
- C05 INSTALL CITY OF KETCHUM APPROVED CAST IRON TRUNCATED DOME DETECTABLE WARNING INSERT. SEE DETAIL 6 / C0.3.
- C06 INSTALL CATCH BASIN. SEE DETAIL 6 / C0.2.
- RIM = 5844.98
INV. OUT = 5841.98
- C07 INSTALL 12" ADS N-12 STORM DRAIN PIPE WITH A MINIMUM SLOPE OF 2.0%. SEE DETAIL 2 / C0.3 FOR POTABLE AND NON-POTABLE WATER LINE SEPARATION AND DETAIL 1 / C0.3 FOR TRENCHING.
- C08 DRYWELL. SEE DETAIL 9 / C0.2.
- CONSTRUCT NEW DRYWELL
RIM = 5845.29
INV. IN = 5841.88
- C09 SIGNS:
- INSTALL STOP / STREET SIGN. USE PREVIOUSLY REMOVED SIGN. COORDINATE FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
 - INSTALL REGULATORY SIGN. COORDINATE TYPE AND FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
- C10 CONSTRUCT GRAVEL DRIVEWAY / PARKING AREA IMPROVEMENTS. REGRADE AREA TO PROVIDE FOR A SMOOTH TRANSITION. SEE DETAIL 4 / C0.2.
- C12 INSTALL PAVER SIDEWALK. USE PAVERS FROM CORRESPONDING DEMOLITION PLAN SHEET AND/OR MATCH EXISTING STYLE AND PATTERN. SEE DETAIL 5 / C0.2.
- C13 RESET UTILITY BOX LID ELEVATION.
- WATER SERVICE VALVE BOX
ORIGINAL RIM = 5844.46
NEW RIM = 5844.65
 - WATER SERVICE VALVE BOX
ORIGINAL RIM = 5844.41
NEW RIM = 5844.64
- C16 INSTALL FENCE WITH APPLICABLE GATES. USE PREVIOUSLY REMOVED FENCE / GATES OR MATCH STYLE AND HEIGHT.
- C17 STREET LIGHTS
- INSTALL STREET LIGHT: SOLAR (OFF-GRID) SEE DETAIL 5 / C0.3 FOR DETAILS.
- A MATCH EXISTING LINES AND GRADES

GENERAL NOTE:

1. NOT ALL KEY NOTES MAY BE USED.

SITE IMPROVEMENT PLAN

KETCHUM 2020 SIDEWALK INFILL - SITE Q1-3
2ND ST (FROM LEADVILLE AVE. TO ALLEY BLOCK 22)

PROJECT INFORMATION
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CT
DRAWN BY
JCL
CHECKED BY

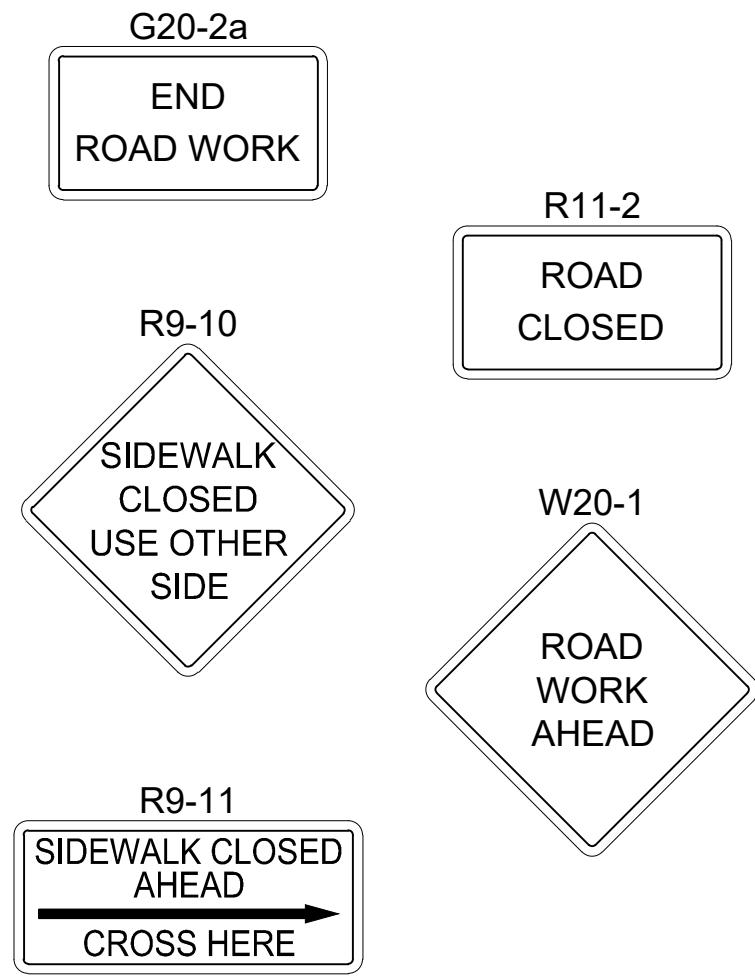
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email: galena@galena-engineering.com

PURPOSE: ISSUE FOR REVIEW

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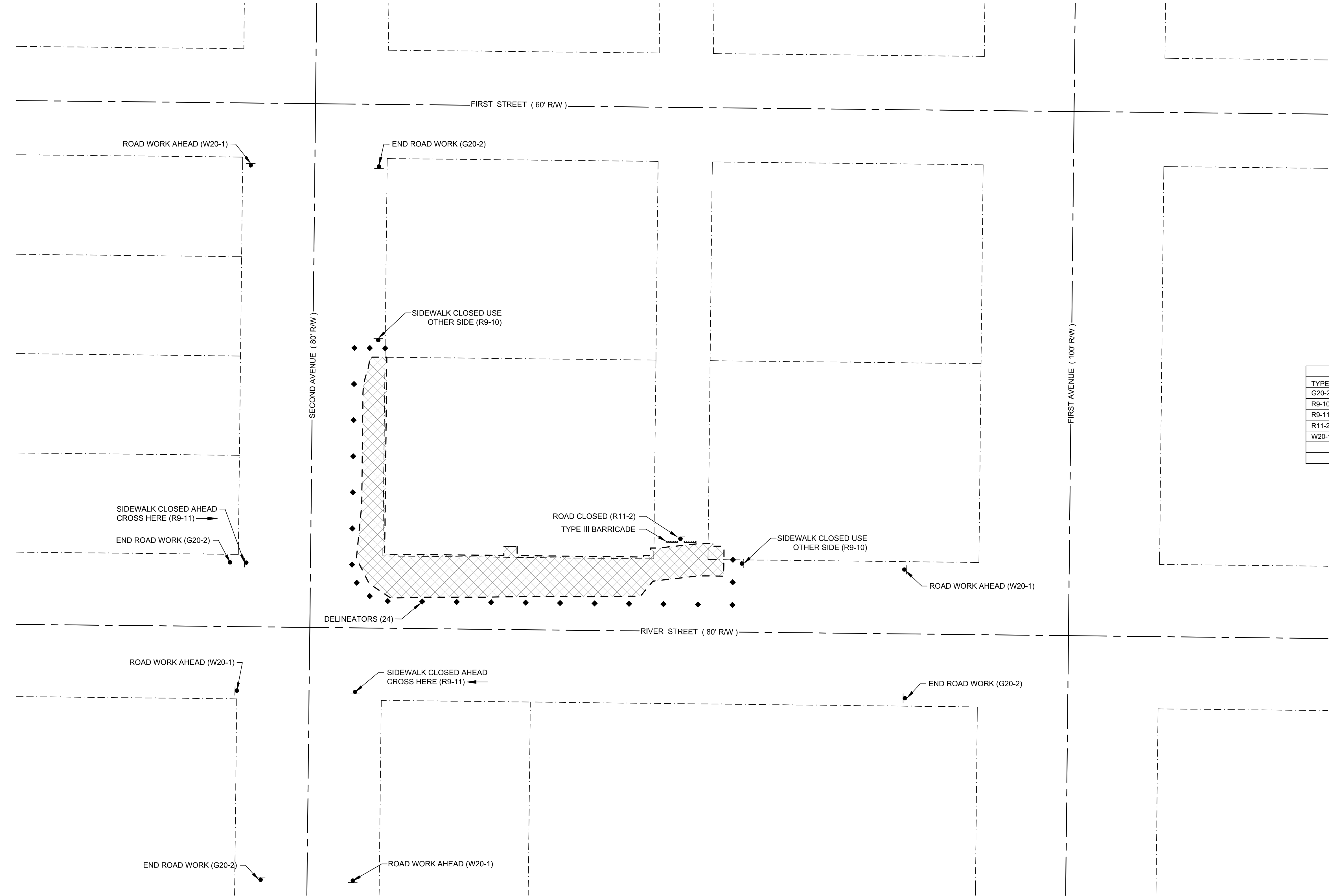
Q1-3.1

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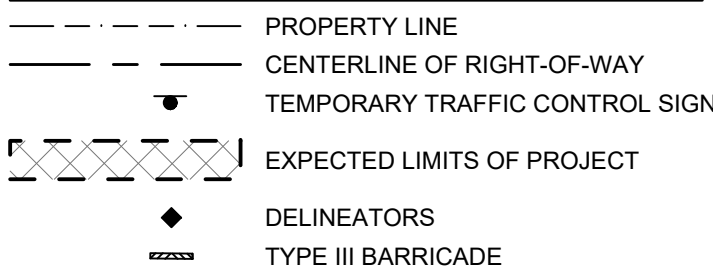


NOTES

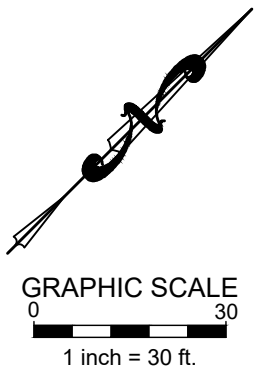
1. ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT MUTCD. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE NUMBER OF BARRICADES, SIGNS, AND MANPOWER TO PREVENT ALL PUBLIC ACCESS TO THE CONSTRUCTION AREA.
2. THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN ALL TRAFFIC CONTROL DEVICES AS REQUIRED BY THESE PROJECT DOCUMENTS. THE OVERALL EFFECTIVENESS UNDER BOTH DAY AND NIGHT CONDITIONS AND THE PLACEMENT OF THESE INSTALLATIONS SHALL BE MAINTAINED, AND ADJUSTMENTS AND CLEANING DONE TO ENSURE OPTIMUM PERFORMANCE OF THE TRAFFIC CONTROL DEVICES.
3. THE CONTRACTOR SHALL SUBMIT ANY CHANGES TO THE CONTROL PLAN FOR APPROVAL BY OWNER AND THE CITY ENGINEER. NO CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE IMPLEMENTED UNTIL APPROVAL OR CHANGES ARE RECEIVED IN WRITING.
4. THE CONTRACTOR SHALL COVER EXISTING TRAFFIC CONTROL SIGNS IN CONSTRUCTION ZONE.
5. THE CONTRACTOR SHALL COORDINATE CLOSURE OF DRIVEWAYS WITH OWNERS, IF NECESSARY.



LEGEND



SIGN SUMMARY		
TYPE	DESCRIPTION	QUANTITY
G20-2	END ROAD WORK	4
R9-10	SIDEWALK CLOSED USE OTHER SIDE	2
R9-11	SIDEWALK CLOSED AHEAD CROSS HERE	2
R11-2	ROAD CLOSED	1
W20-1	ROAD WORK AHEAD	4
	DELINEATORS	24
	TYPE III BARRICADE	2



TRAFFIC CONTROL PLAN: SITE Q2-1 - SOUTH CORNER OF BLOCK 60 (ALONG 2ND AVE AND RIVER STREET)

TRAFFIC CONTROL PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q2-1
SOUTH CORNER OF BLOCK 60 (ALONG 2ND AVE AND RIVER STREET)

PROJECT INFORMATION
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PREPARED FOR CITY OF KETCHUM

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CONSTRUCTION

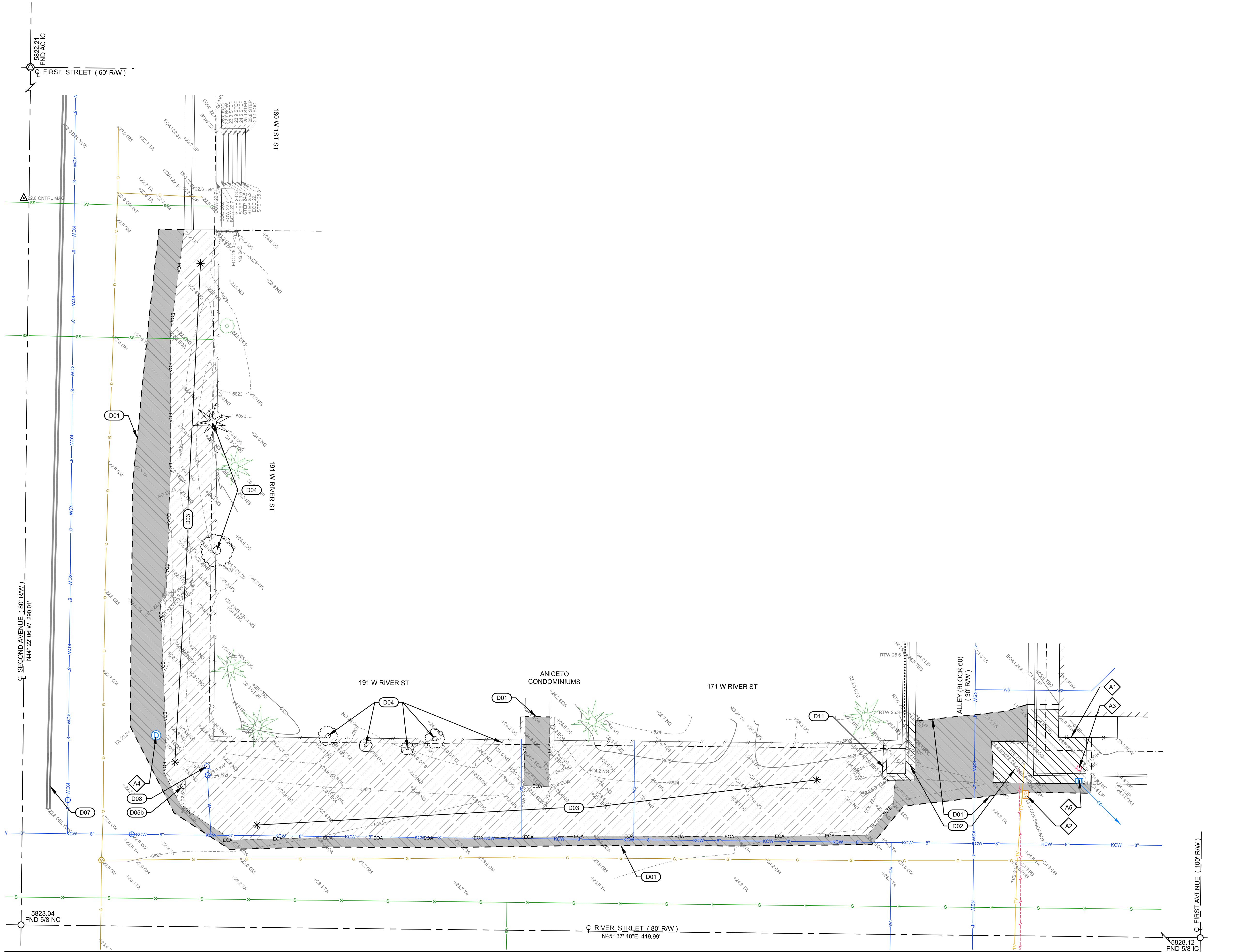
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CT
DRAWN BY
JCL
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GALENA
ENGINEERING, INC.
Civil Engineers & Land Surveyors
317 N. River Street
Halley, Idaho 83333
(208) 768-1705
email galena@galena-engineering.com

PURPOSE: ISSUE FOR REVIEW		REVISIONS	
NO.	DATE	BY	

Q2-1.0

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DEMOLITION PLAN: SITE Q2-1 - SOUTH CORNER OF BLOCK 60 (ALONG 2ND AVE AND RIVER STREET)

DEMOLITION KEY NOTES

- D01 SAWCUT ASPHALT AS SHOWN TO PROVIDE CLEAN VERTICAL EDGE. REMOVE AND DISPOSE OF ASPHALT.
- D02 REMOVE AND DISPOSE OF CONCRETE CURB AND/OR SIDEWALK AND/OR RETAINING WALL. (UTILIZE EXISTING JOINTS WHERE POSSIBLE)
- D03 GRUB SITE
- D04 REMOVE AND DISPOSE OF TREE AND ROOT BALL SYSTEM
- D05 REMOVE SIGN:
 - a. RETAIN AND RETURN TO OWNER.
 - b. RETAIN SIGN. TO BE RELOCATED TO NEW SIDEWALK (SEE CORRESPONDING SIDEWALK DESIGN SHEET).
- D07 OBLITERATE PAVEMENT MARKINGS
- D08 RELOCATE FIRE HYDRANT (SEE CORRESPONDING SIDEWALK DESIGN SHEET FOR NEW LOCATION).
- D11 REMOVE AND DISPOSE OF LANDSCAPE WALL.
- A RETAIN AND PROTECT
 - 1. FENCE
 - 2. UTILITY BOX / VAULT
 - 3. STREET LIGHT
 - 4. DRYWELL
 - 5. CATCH BASIN

DEMOLITION PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q2-1
SOUTH CORNER OF BLOCK 60 (ALONG 2ND AVE AND RIVER STREET)

PROJECT INFORMATION
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Site Plan Details:

- Intersecting Streets:** 2nd Avenue (80' R/W), River Street (80' R/W).
- Travel Lanes:** 12' TRAVEL LANE.
- Sidewalks:** 7' WIDE SIDEWALK.
- Parking:** 18' PARKING.
- Property Lines:** ANICETO CONDOMINIUMS, 171 W RIVER ST.
- Survey Points:** C01, C02a, C02b, C03a, C03b, C04a, C04b, C05, C06a, C06b, C07, C08a, C08b, C09a, C09b, C10a, C10b, C11, C12, C13a, C13b, C14a, C14b, C15a, C15b, C16a, C16b, C17a, C17b, C18a, C18b, C19a, C19b, C20a, C20b, C21a, C21b, C22a, C22b, C23a, C23b, C24a, C24b, C25a, C25b, C26a, C26b, C27a, C27b, C28a, C28b, C29a, C29b, C30a, C30b, C31a, C31b, C32a, C32b, C33a, C33b, C34a, C34b, C35a, C35b, C36a, C36b, C37a, C37b, C38a, C38b, C39a, C39b, C40a, C40b, C41a, C41b, C42a, C42b, C43a, C43b, C44a, C44b, C45a, C45b, C46a, C46b, C47a, C47b, C48a, C48b, C49a, C49b, C50a, C50b, C51a, C51b, C52a, C52b, C53a, C53b, C54a, C54b, C55a, C55b, C56a, C56b, C57a, C57b, C58a, C58b, C59a, C59b, C60a, C60b, C61a, C61b, C62a, C62b, C63a, C63b, C64a, C64b, C65a, C65b, C66a, C66b, C67a, C67b, C68a, C68b, C69a, C69b, C70a, C70b, C71a, C71b, C72a, C72b, C73a, C73b, C74a, C74b, C75a, C75b, C76a, C76b, C77a, C77b, C78a, C78b, C79a, C79b, C80a, C80b, C81a, C81b, C82a, C82b, C83a, C83b, C84a, C84b, C85a, C85b, C86a, C86b, C87a, C87b, C88a, C88b, C89a, C89b, C90a, C90b, C91a, C91b, C92a, C92b, C93a, C93b, C94a, C94b, C95a, C95b, C96a, C96b, C97a, C97b, C98a, C98b, C99a, C99b, C100a, C100b.
- Elevations:** 5823.04, 5823.11, 5823.16, 5823.21, 5823.26, 5823.31, 5823.36, 5823.41, 5823.46, 5823.51, 5823.56, 5823.61, 5823.66, 5823.71, 5823.76, 5823.81, 5823.86, 5823.91, 5823.96, 5824.01, 5824.06, 5824.11, 5824.16, 5824.21, 5824.26, 5824.31, 5824.36, 5824.41, 5824.46, 5824.51, 5824.56, 5824.61, 5824.66, 5824.71, 5824.76, 5824.81, 5824.86, 5824.91, 5824.96, 5825.01, 5825.06, 5825.11, 5825.16, 5825.21, 5825.26, 5825.31, 5825.36, 5825.41, 5825.46, 5825.51, 5825.56, 5825.61, 5825.66, 5825.71, 5825.76, 5825.81, 5825.86, 5825.91, 5825.96, 5826.01, 5826.06, 5826.11, 5826.16, 5826.21, 5826.26, 5826.31, 5826.36, 5826.41, 5826.46, 5826.51, 5826.56, 5826.61, 5826.66, 5826.71, 5826.76, 5826.81, 5826.86, 5826.91, 5826.96, 5827.01, 5827.06, 5827.11, 5827.16, 5827.21, 5827.26, 5827.31, 5827.36, 5827.41, 5827.46, 5827.51, 5827.56, 5827.61, 5827.66, 5827.71, 5827.76, 5827.81, 5827.86, 5827.91, 5827.96, 5828.01, 5828.06, 5828.11, 5828.16, 5828.21, 5828.26, 5828.31, 5828.36, 5828.41, 5828.46, 5828.51, 5828.56, 5828.61, 5828.66, 5828.71, 5828.76, 5828.81, 5828.86, 5828.91, 5828.96, 5829.01, 5829.06, 5829.11, 5829.16, 5829.21, 5829.26, 5829.31, 5829.36, 5829.41, 5829.46, 5829.51, 5829.56, 5829.61, 5829.66, 5829.71, 5829.76, 5829.81, 5829.86, 5829.91, 5829.96, 5830.01, 5830.06, 5830.11, 5830.16, 5830.21, 5830.26, 5830.31, 5830.36, 5830.41, 5830.46, 5830.51, 5830.56, 5830.61, 5830.66, 5830.71, 5830.76, 5830.81, 5830.86, 5830.91, 5830.96, 5831.01, 5831.06, 5831.11, 5831.16, 5831.21, 5831.26, 5831.31, 5831.36, 5831.41, 5831.46, 5831.51, 5831.56, 5831.61, 5831.66, 5831.71, 5831.76, 5831.81, 5831.86, 5831.91, 5831.96, 5832.01, 5832.06, 5832.11, 5832.16, 5832.21, 5832.26, 5832.31, 5832.36, 5832.41, 5832.46, 5832.51, 5832.56, 5832.61, 5832.66, 5832.71, 5832.76, 5832.81, 5832.86, 5832.91, 5832.96, 5833.01, 5833.06, 5833.11, 5833.16, 5833.21, 5833.26, 5833.31, 5833.36, 5833.41, 5833.46, 5833.51, 5833.56, 5833.61, 5833.66, 5833.71, 5833.76, 5833.81, 5833.86, 5833.91, 5833.96, 5834.01, 5834.06, 5834.11, 5834.16, 5834.21, 5834.26, 5834.31, 5834.36, 5834.41, 5834.46, 5834.51, 5834.56, 5834.61, 5834.66, 5834.71, 5834.76, 5834.81, 5834.86, 5834.91, 5834.96, 5835.01, 5835.06, 5835.11, 5835.16, 5835.21, 5835.26, 5835.31, 5835.36, 5835.41, 5835.46, 5835.51, 5835.56, 5835.61, 5835.66, 5835.71, 5835.76, 5835.81, 5835.86, 5835.91, 5835.96, 5836.01, 5836.06, 5836.11, 5836.16, 5836.21, 5836.26, 5836.31, 5836.36, 5836.41, 5836.46, 5836.51, 5836.56, 5836.61, 5836.66, 5836.71, 5836.76, 5836.81, 5836.86, 5836.91, 5836.96, 5837.01, 5837.06, 5837.11, 5837.16, 5837.21, 5837.26, 5837.31, 5837.36, 5837.41, 5837.46, 5837.51, 5837.56, 5837.61, 5837.66, 5837.71, 5837.76, 5837.81, 5837.86, 5837.91, 5837.96, 5838.01, 5838.06, 5838.11, 5838.16, 5838.21, 5838.26, 5838.31, 5838.36, 5838.41, 5838.46, 5838.51, 5838.56, 5838.61, 5838.66, 5838.71,

Profile view of a proposed gutter line showing elevation versus stationing. The graph includes a solid line for the proposed gutter elevation, a dashed line for the existing ground elevation, and a dotted line for the proposed gutter elevation. Key data points include STA 0+30.57 (Elev = 5822.41), STA 0+80.00 (Elev = 5822.11), STA 1+20.41 (Elev = 5822.26), STA 1+36.12 (Elev = 5822.35), STA 1+59.00 (Elev = 5822.74), and STA 1+80.00 (Elev = 5823.04). Slopes are indicated as 0.98%, -0.50%, 0.50%, 0.54%, 1.70%, and 1.41%. The matchline is at STA 1+80.00, with a note "MATCHLINE - SEE BELOW".

Profile view of a proposed gutter and gutter construction. The graph shows elevation (5822 to 5827) versus stationing (1+80.00 to 3+26.19). It includes a solid line for the proposed gutter elevation and a dashed line for the existing ground elevation. Key points include a matchline at STA 1+80.00, a proposed lip of gutter elevation at STA 2+75.00, and end curb and gutter construction at STA 3+26.19. Slopes of 0.97%, 0.50%, and 1.41% are indicated.

Station	Elevation (EG)	Elevation (FG)	Notes
1+80.00	5823.04	5823.04	Matchline, See Above
2+75.00	5823.96	5823.96	Proposed Lip of Gutter Elevation
3+05.00	5824.11	5824.11	
3+26.19	5824.41	5824.41	End Curb and Gutter Construction

Profile view of the proposed gutter elevation for the 10th Street Interchange. The graph shows the proposed gutter elevation (solid line) and existing ground elevation (dashed line) from station 2+00 to 3+50. The proposed gutter elevation starts at 5823.04 at station 2+00 and rises to 5824.41 at station 3+50. The existing ground elevation starts at 5823.23 at station 2+00 and rises to 5824.08 at station 3+50. The proposed gutter elevation has a 0.97% grade from station 2+00 to 2+75.00, a 0.50% grade from station 2+75.00 to 3+05.00, and a 1.41% grade from station 3+05.00 to 3+50. The existing ground elevation has a 0.97% grade from station 2+00 to 2+75.00, a 0.50% grade from station 2+75.00 to 3+05.00, and a 1.41% grade from station 3+05.00 to 3+50. The proposed gutter elevation is shown as a solid line with a 0.97% grade from station 2+00 to 2+75.00, a 0.50% grade from station 2+75.00 to 3+05.00, and a 1.41% grade from station 3+05.00 to 3+50. The existing ground elevation is shown as a dashed line with a 0.97% grade from station 2+00 to 2+75.00, a 0.50% grade from station 2+75.00 to 3+05.00, and a 1.41% grade from station 3+05.00 to 3+50.

Station	Proposed Gutter Elevation	Existing Ground Elevation
2+00	5823.04	5823.23
2+75.00	5823.96	5823.71
3+05.00	5824.11	5824.08
3+50	5824.41	5824.08

(C02) CONSTRUCT ASPHALT ROADWAY / ASPHALT REPAIR. SEE DETAIL 1 / C.0.2.

(C02) CONSTRUCT CONCRETE CURB AND GUTTER.

- 6" VERTICAL C&G PER DETAIL 2a / C.0.2.
- CURB TRANSITION PER DETAIL 2b / C.0.2.
- ZERO REVEAL CURB AND GUTTER PER DETAIL 2b / C.0.2.
- 6" ROLLED C&G PER DETAIL 2d / C.0.2.
- 3" WIDE CONCRETE VALLEY GUTTER PER DETAIL 2c / C.0.2.
- CONCRETE VERTICAL CURB PER DETAIL 2e / C.0.2.
- ±5" OF CURB TRANSITION (BETWEEN 6" VERTICAL C&G AND 6" ROLLED C&G).

(C03) CONSTRUCT CONCRETE SIDEWALK. WIDTH AS SHOWN HEREON. SEE DETAIL 3 / C.0.2.

- FLAT WORK
- ADA COMPLIANT RAMPS / LANDING.
- NON - ADA COMPLIANT RAMP BECAUSE OF EXISTING GRADE

(C04) INSTALL ROAD STRIPING / PAINT.

- WHITE CROSSWALK STRIPING (12" WIDE).
- YELLOW ASPHALT PARKING STRIPING (4" WIDE). MATCH CITY PATTERNS.
- WHITE CROSSWALK / STOP BAR STRIPING (24" WIDE).
- RED "NO PARKING" STRIPING ON CURB. MATCH CITY PATTERNS.

(C05) INSTALL CITY OF KETCHUM APPROVED CAST IRON TRUNCATED DOME DETECTABLE WARNING INSERT. SEE DETAIL 6 / C.0.3.

(C06) INSTALL CATCH BASIN. SEE DETAIL 6 / C.0.2.

- RIM = 5821.91
INV. OUT = 5818.19
- RIM = 5822.17
INV. OUT = 5819.17

(C07) INSTALL 12" ADS N-12 STORM DRAIN PIPE WITH A MINIMUM SLOPE OF 2.0%. SEE DETAIL 2 / C.0.3 FOR POTABLE AND NON-POTABLE WATER LINE SEPARATION AND DETAIL 1 / C.0.3 FOR TRENCING.

(C08) DRYWELL. SEE DETAIL 9 / C.0.2.

- CONNECTION TO EXISTING DRYWELL
RIM = 5822.30
INV. IN = 5818.33 (C06a)
INV. IN = 5818.85 (C06b)

(C09) SIGNS:

- INSTALL STOP / STREET SIGN. USE PREVIOUSLY REMOVED SIGN. COORDINATE FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C.0.3 FOR SIGN BASE DETAIL.
- INSTALL REGULATORY SIGN. COORDINATE TYPE AND FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C.0.3 FOR SIGN BASE DETAIL.

(C11) RELOCATE EXISTING FIRE HYDRANT AND GATE VALVE. SEE DEMOLITION PLAN FOR EXISTING LOCATION)

INSTALL 6" 11.25" D.I. BEND
W/ THRUST BLOCK
±6 L.F. OF 6" PVC WATER MAIN.

CITY TO PROVIDE MOUNTAIN EXTENSION CONTRACTOR TO COORDINATE WITH WATER AND FIRE DEPARTMENTS.

(C13) RESET UTILITY BOX ID ELEVATION.

- WATER VALVE
ORIGINAL RIM = 5822.97
NEW RIM = 5822.36

(C14) CONSTRUCT RETAINING WALL.

- DRYSTACK / KEYSTONE RETAINING WALL. SEE DETAIL THIS SHEET.

(C17) STREET LIGHTS:

- INSTALL STREET LIGHT: SOLAR (OFF-GRID) SEE DETAIL 5 / C.0.3 FOR DETAILS.

(A) RETAIN AND PROTECT

- FENCE
- UTILITY BOX / VAULT
- STREET LIGHT
- DRYWELL
- CATCH BASIN

(B) MATCH EXISTING LINES AND GRADES

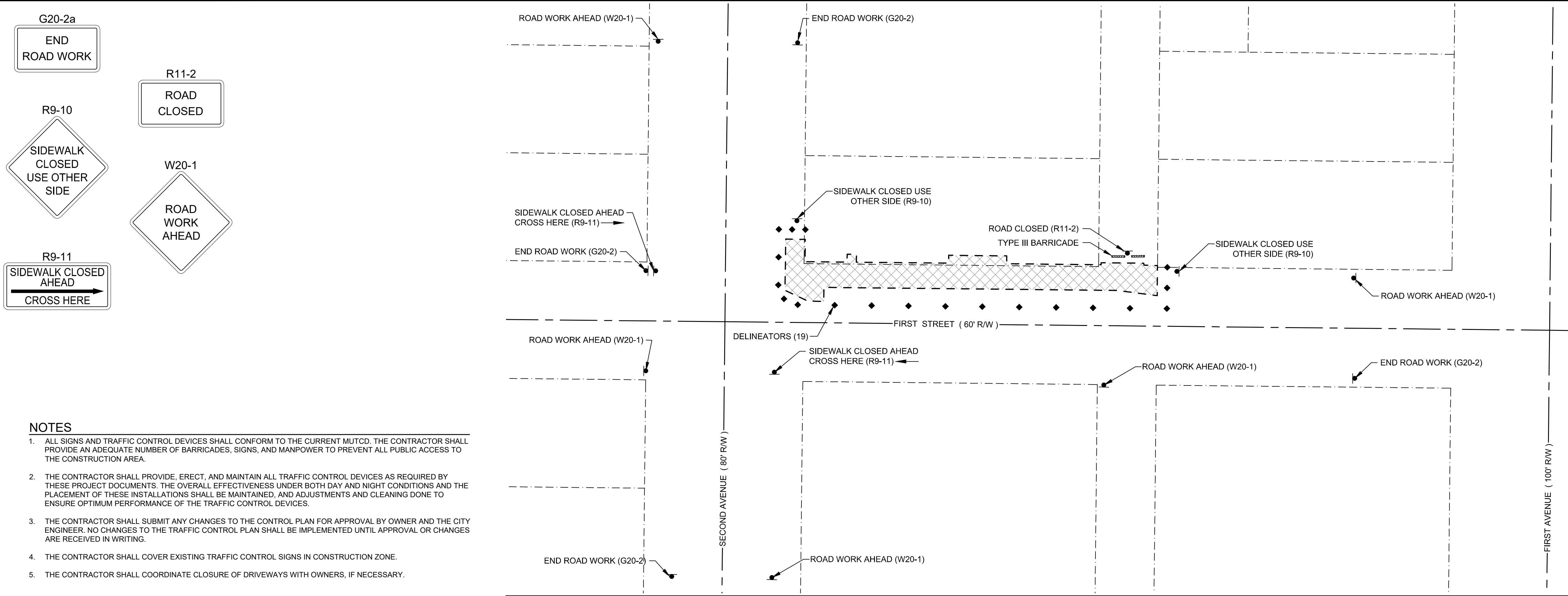
(C) REGRADE AREA TO PROVIDE FOR A SMOOTH TRANSITION. REPAIR IRRIGATION AND LANDSCAPING AS NECESSARY.

GENERAL NOTE:

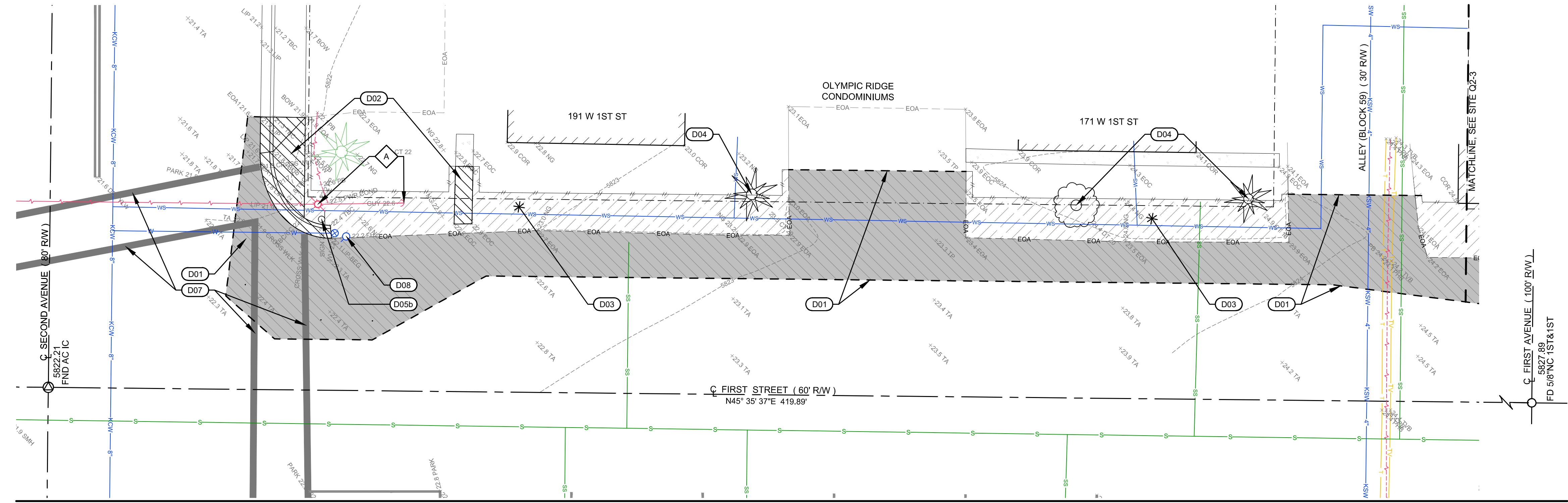
- NOT ALL NOTES MAY BE USED.

Q2-1.2	PURPOSE: ISSUE FOR REVIEW		GALENA ENGINEERING, INC. Civil Engineers & Land Surveyors 317 N. River Street Hailey, Idaho 83333 (208) 788-1705 email: galena@galena-engineering.com	PRELIMINARY NOT FOR CONSTRUCTION	SITE IMPROVEMENT PLAN KETCHUM 2020 SIDEWALK INFILL - SITE Q2-1 SOUTH CORNER OF BLOCK 60 (ALONG 2ND AVE AND RIVER STREET) PREPARED FOR CITY OF KETCHUM	PROJECT INFORMATION C:\Users\1318-174\Ketchum\SideWalk\1318-174_Constr_2020\01-102(Q2).dwg 01/02/20 2:37:05 PM
	NO.	DATE	BY	REVISIONS	CT/JCL DESIGNED BY	
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TRAFFIC CONTROL PLAN: SITE Q2-2 - 1ST STREET (2ND AVE. TO ALLEY BLOCK 59)



DEMOLITION PLAN: SITE Q2-2 - 1ST STREET (2ND AVE. TO ALLEY BLOCK 59)

DEMOLITION KEY NOTES

- D01 SAWCUT ASPHALT AS SHOWN TO PROVIDE CLEAN VERTICAL EDGE. REMOVE AND DISPOSE OF ASPHALT.
- D02 REMOVE AND DISPOSE OF CONCRETE CURB AND/OR SIDEWALK AND/OR RETAINING WALL. (UTILIZE EXISTING JOINTS WHERE POSSIBLE)
- D03 GRUB SITE
- D04 REMOVE AND DISPOSE OF TREE AND ROOT BALL SYSTEM
- D05 REMOVE SIGN:
 - a. RETAIN AND RETURN TO OWNER.
 - b. RETAIN SIGN. TO BE RELOCATED TO NEW SIDEWALK (SEE CORRESPONDING SIDEWALK DESIGN SHEET).
- D07 OBLITERATE PAVEMENT MARKINGS
- D08 RELOCATE FIRE HYDRANT (SEE CORRESPONDING SIDEWALK DESIGN SHEET FOR NEW LOCATION).
- A RETAIN AND PROTECT UTILITY POLE WITH LIGHT AND GUY WIRE.

PRELIMINARY
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CONSTRUCTION

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CT
DRAWN BY
JCL
CHECKED BY

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ENGINEERING, INC.
Civil Engineers & Land Surveyors
317 N. River Street
Halley, Idaho 83333
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PURPOSE: ISSUE FOR REVIEW

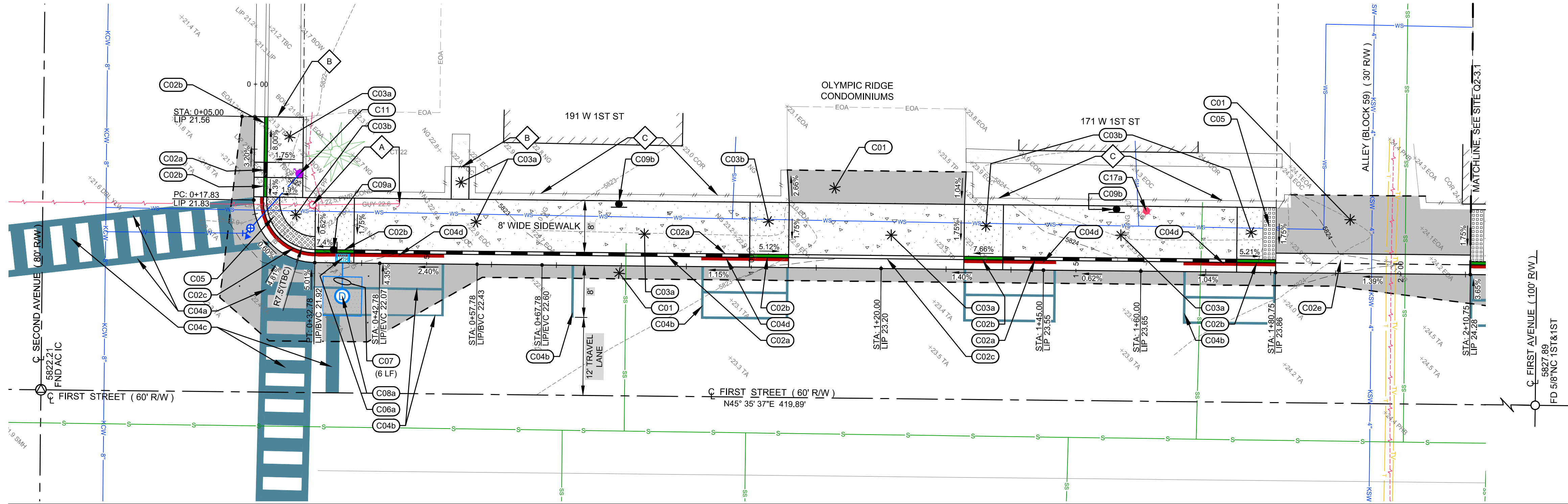
NO. DATE BY REVISIONS

Q2-2.0

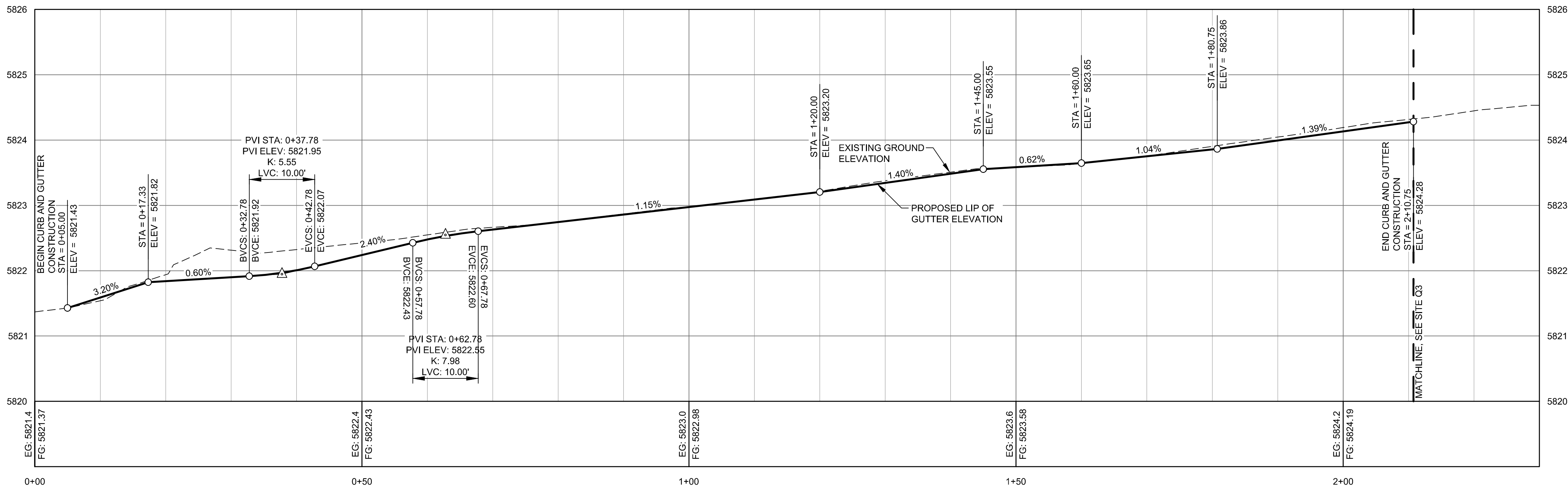
TRAFFIC CONTROL AND DEMOLITION PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q2-2
1ST STREET (2ND AVE. TO ALLEY BLOCK 59)

PROJECT INFORMATION
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SIDEWALK DESIGN: SITE Q2-2 - 1ST STREET (2ND AVE. TO ALLEY BLOCK 59)



SITE Q2-2: 1ST STREET (2ND AVE. TO ALLEY OF BLOCK 59) LIP OF GUTTER PROFILE

SCALE: 1"=10 H; 1"=1 V

CONSTRUCTION KEY NOTES

- (C01) CONSTRUCT ASPHALT ROADWAY / ASPHALT REPAIR. SEE DETAIL 1 / C0.2.
- (C02) CONSTRUCT CONCRETE CURB AND GUTTER
- 6" VERTICAL C&G PER DETAIL 2a / C0.2.
 - CURB TRANSITION PER DETAIL 2b / C0.2.
 - ZERO REVEAL CURB AND GUTTER PER DETAIL 2b / C0.2.
 - 6" ROLLED C&G PER DETAIL 2d / C0.2.
 - 3" WIDE CONCRETE VALLEY GUTTER PER DETAIL 2c / C0.2.
 - CONCRETE VERTICAL CURB PER DETAIL 2e / C0.2.
 - ±5' OF CURB TRANSITION (BETWEEN 6" VERTICAL C&G AND 6" ROLLED C&G).
- (C03) CONSTRUCT CONCRETE SIDEWALK. WIDTH AS SHOWN HEREON. SEE DETAIL 3 / C0.2.
- FLAT WORK.
 - ADA COMPLIANT RAMPS / LANDING.
 - NON - ADA COMPLIANT RAMP BECAUSE OF EXISTING GRADE.
- (C04) INSTALL ROAD STRIPING / PAINT
- WHITE CROSSWALK STRIPING (12" WIDE).
 - YELLOW ASPHALT PARKING STRIPING (4" WIDE). MATCH CITY PATTERNS.
 - WHITE CROSSWALK / STOP BAR STRIPING (24" WIDE).
 - RED "NO PARKING" STRIPING ON CURB. MATCH CITY PATTERNS.
- (C05) INSTALL CITY OF KETCHUM APPROVED CAST IRON TRUNCATED DOME DETECTABLE WARNING INSERT. SEE DETAIL 6 / C0.3.
- (C06) INSTALL CATCH BASIN. SEE DETAIL 6 / C0.2.
- RIM = 5821.96
INV. OUT = 5818.96
- (C07) INSTALL 12" ADS N-12 STORM DRAIN PIPE WITH A MINIMUM SLOPE OF 2.0%. SEE DETAIL 2 / C0.3 FOR POTABLE AND NON-POTABLE WATER LINE SEPARATION AND DETAIL 1 / C0.3 FOR TRENCHING.
- (C08) DRYWELL. SEE DETAIL 9 / C0.2.
- CONSTRUCT NEW DRYWELL
RIM = 5822.36
INV. IN = 5818.86
- (C09) SIGNS:
- INSTALL STOP / STREET SIGN. USE PREVIOUSLY REMOVED SIGN. COORDINATE FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
 - INSTALL REGULATORY SIGN. COORDINATE TYPE AND FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
- (C11) RELOCATE EXISTING FIRE HYDRANT AND GATE VALVE. (SEE DEMOLITION PLAN FOR EXISTING LOCATION)
- INSTALL 6" 45° D.I. BEND
W/ THRUST BLOCK
±12 L.F. OF 6" PVC WATER MAIN.
CITY TO PROVIDE MOUNTAIN EXTENSION. CONTRACTOR TO COORDINATE WITH WATER AND FIRE DEPARTMENTS.
- (C17) STREET LIGHTS
- INSTALL STREET LIGHT: SOLAR (OFF-GRID) SEE DETAIL 5 / C0.3 FOR DETAILS.
 - RELOCATE EXISTING STREET LIGHT SEE DETAIL 5 / C0.3 FOR FOOTING DETAIL.
- (A) RETAIN AND PROTECT UTILITY POLE WITH LIGHT AND GUY WIRE.
- (B) MATCH EXISTING LINES AND GRADES
- (C) REGRADE AREA TO PROVIDE FOR A SMOOTH TRANSITION. REPAIR IRRIGATION AND LANDSCAPING AS NECESSARY.

GENERAL NOTE:
1. NOT ALL KEY NOTES MAY BE USED.

SITE IMPROVEMENT PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q2-2
1ST STREET (2ND AVE. TO ALLEY BLOCK 59)

PROJECT INFORMATION
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DESIGNED BY
CT
DRAWN BY
JCL
CHECKED BY

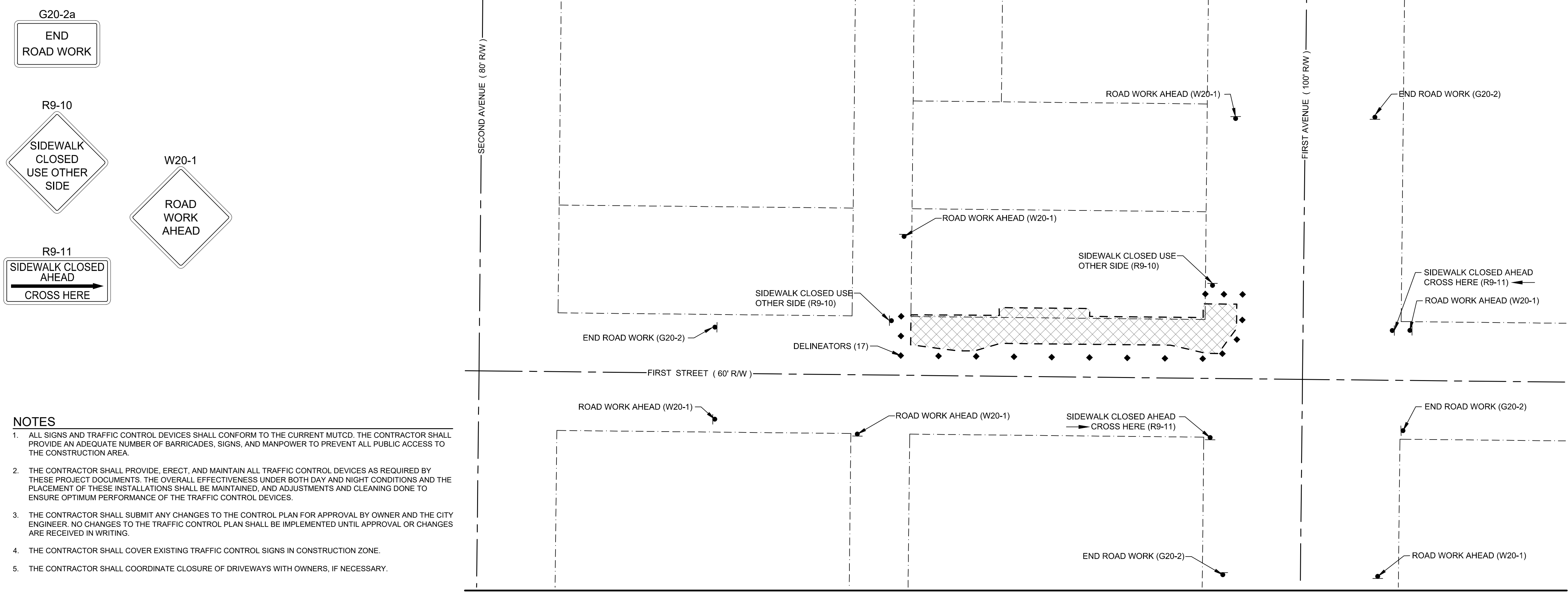
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Civil Engineers & Land Surveyors
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Halley, Idaho 83333
(208) 768-1705
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PURPOSE: ISSUE FOR REVIEW

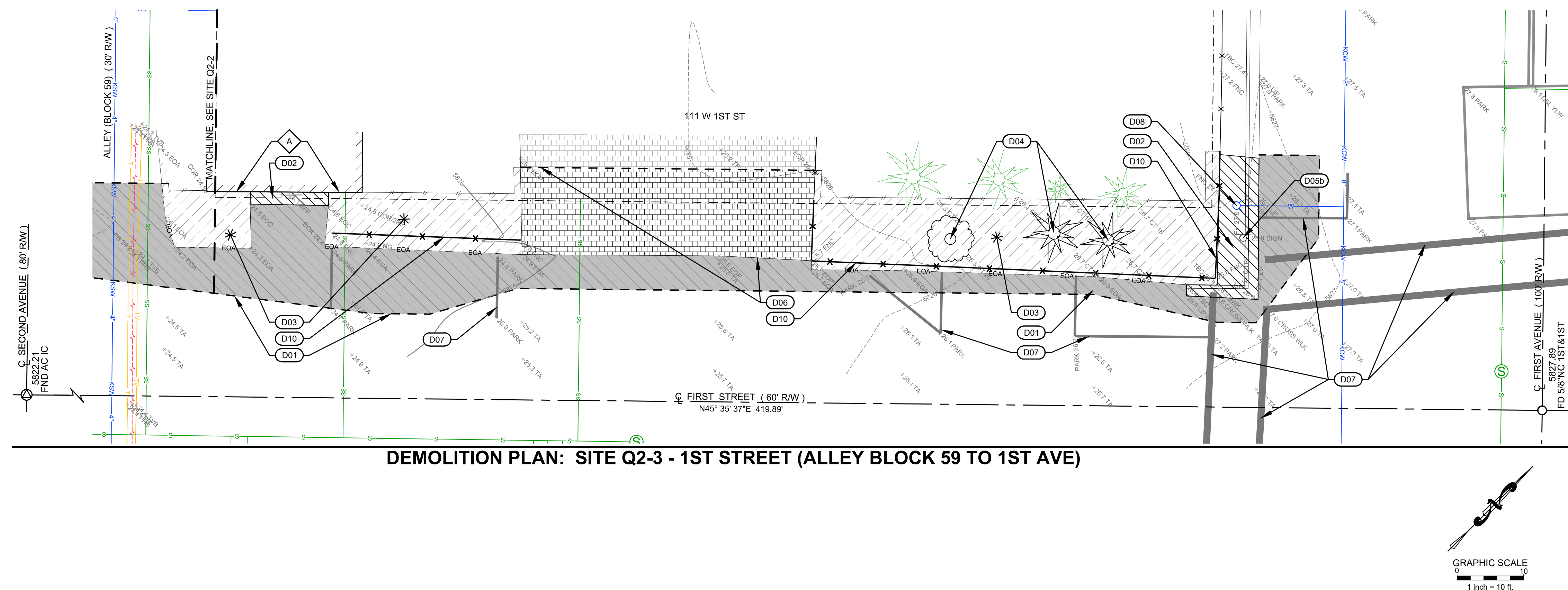
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Q2-2.1

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TRAFFIC CONTROL PLAN: SITE Q2-3 - 1ST STREET (ALLEY BLOCK 59 TO 1ST AVE)



DEMOLITION PLAN: SITE Q2-3 - 1ST STREET (ALLEY BLOCK 59 TO 1ST AVE)

LEGEND

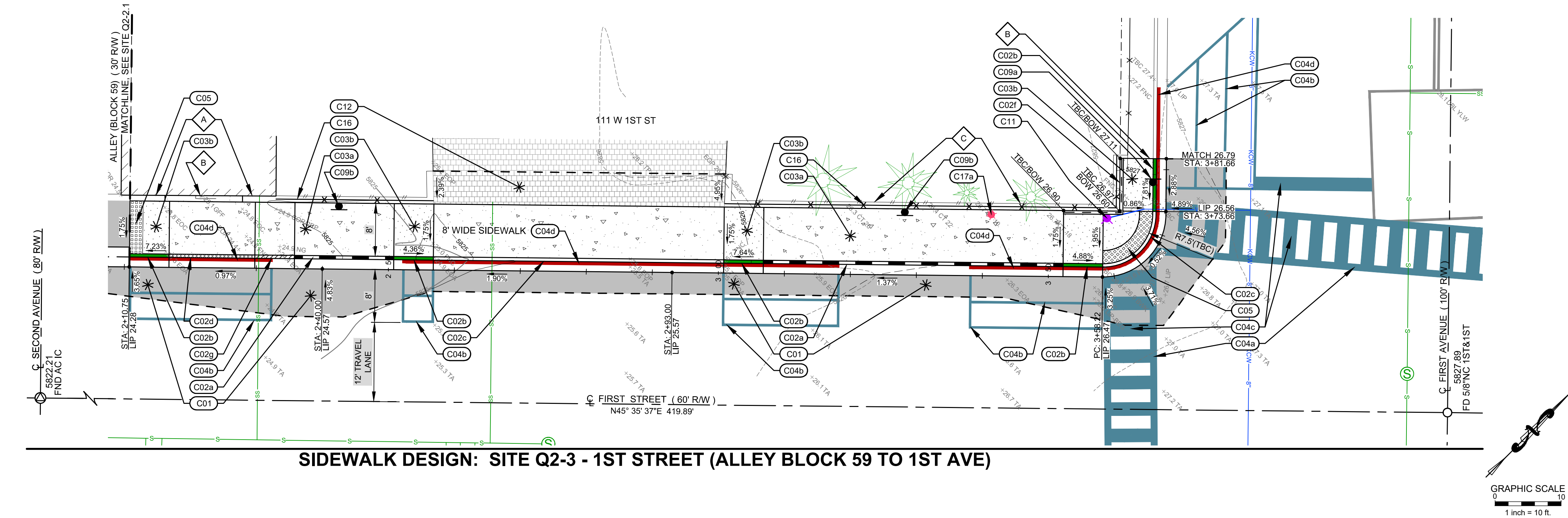
- PROPERTY LINE
- CENTERLINE OF RIGHT-OF-WAY
- TEMPORARY TRAFFIC CONTROL SIGN
- EXPECTED LIMITS OF PROJECT
- DELINEATORS

DEMOLITION KEY NOTES

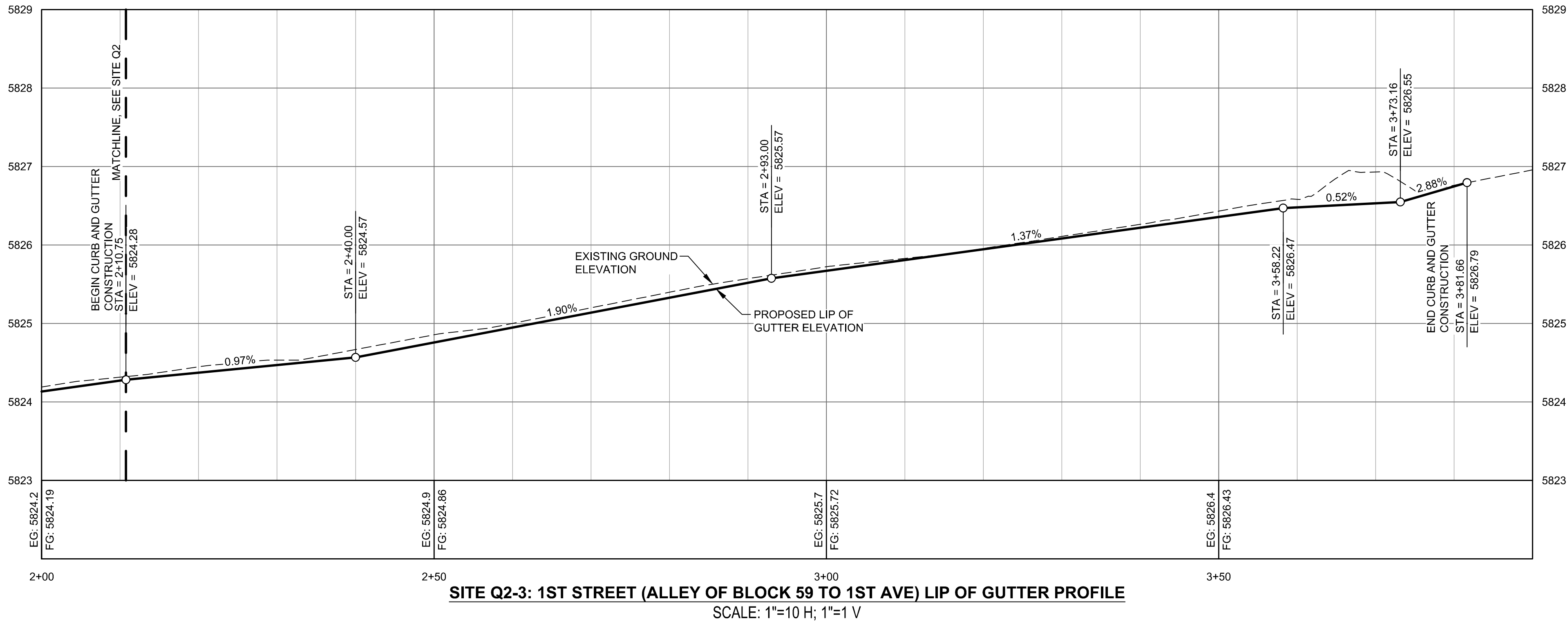
D01	SAW CUT ASPHALT AS SHOWN TO PROVIDE CLEAN VERTICAL EDGE. REMOVE AND DISPOSE OF ASPHALT.
D02	REMOVE AND DISPOSE OF CONCRETE CURB AND/OR SIDEWALK AND/OR RETAINING WALL. (UTILIZE EXISTING JOINTS WHERE POSSIBLE)
D03	GRUB SITE
D04	REMOVE AND DISPOSE OF TREE AND ROOT BALL SYSTEM
D05	REMOVE SIGN: a. RETAIN OR RETURN TO OWNER. b. RETAIN SIGN. TO BE RELOCATED TO NEW SIDEWALK (SEE CORRESPONDING SIDEWALK DESIGN SHEET).
D06	REMOVE PAVERS. REUSE QUANTITY AS NECESSARY FOR REGRADING (SEE CORRESPONDING SIDEWALK DESIGN SHEET). RETURN REMAINING PAVERS TO OWNER.
D07	OBLETERATE PAVEMENT MARKINGS
D08	RELOCATE FIRE HYDRANT (SEE CORRESPONDING SIDEWALK DESIGN SHEET FOR NEW LOCATION).
D10	REMOVE AND RETAIN FENCE.
A	RETAIN AND PROTECT STRUCTURE.

Q2-3.0		
PURPOSE: ISSUE FOR REVIEW		
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CT/JCL DESIGNED BY _____ CT DRAWN BY _____ JCL CHECKED BY _____		
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TRAFFIC CONTROL AND DEMOLITION PLAN KETCHUM 2020 SIDEWALK INFILL - SITE Q2-3 1ST STREET (ALLEY BLOCK 59 TO 1ST AVE) PROJECT INFORMATION C:\ubatti\1318-174 Ketchum Sidewalk\1318-174_Constr_2020-01-02\02.dwg 01/02/2020 2:37:06 PM PREPARED FOR CITY OF KETCHUM		

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SIDEWALK DESIGN: SITE Q2-3 - 1ST STREET (ALLEY BLOCK 59 TO 1ST AVE)



SITE Q2-3: 1ST STREET (ALLEY OF BLOCK 59 TO 1ST AVE) LIP OF GUTTER PROFILE
SCALE: 1"=10 H; 1"=1 V

CONSTRUCTION KEY NOTES

- C01** CONSTRUCT ASPHALT ROADWAY / ASPHALT REPAIR. SEE DETAIL 1 / C0.2.
- C02** CONSTRUCT CONCRETE CURB AND GUTTER
- a. 6" VERTICAL C&G PER DETAIL 2a / C0.2.
- b. CURB TRANSITION PER DETAIL 2b / C0.2.
- c. ZERO REVEAL CURB AND GUTTER PER DETAIL 2b / C0.2.
- d. 6" ROLLED C&G PER DETAIL 2d / C0.2.
- e. 3" WIDE CONCRETE VALLEY GUTTER PER DETAIL 2c / C0.2.
- f. CONCRETE VERTICAL CURB PER DETAIL 2e / C0.2.
- g. ±5' OF CURB TRANSITION (BETWEEN 6" VERTICAL C&G AND 6" ROLLED C&G).
- C03** CONSTRUCT CONCRETE SIDEWALK. WIDTH AS SHOWN HEREON. SEE DETAIL 3 / C0.2.
- a. FLAT WORK.
- b. ADA COMPLIANT RAMPS / LANDING.
- c. NON - ADA COMPLIANT RAMP BECAUSE OF EXISTING GRADE.
- C04** INSTALL ROAD STRIPING / PAINT
- a. WHITE CROSSWALK STRIPING (12" WIDE).
- b. YELLOW ASPHALT PARKING STRIPING (4" WIDE). MATCH CITY PATTERNS.
- c. WHITE CROSSWALK / STOP BAR STRIPING (24" WIDE).
- d. RED "NO PARKING" STRIPING ON CURB. MATCH CITY PATTERNS.
- C05** INSTALL CITY OF KETCHUM APPROVED CAST IRON TRUNCATED DOME DETECTABLE WARNING INSERT. SEE DETAIL 6 / C0.3.
- C09** SIGNS:
- a. INSTALL STOP / STREET SIGN. USE PREVIOUSLY REMOVED SIGN. COORDINATE FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
- b. INSTALL REGULATORY SIGN. COORDINATE TYPE AND FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
- C11** RELOCATE EXISTING FIRE HYDRANT AND GATE VALVE. (SEE DEMOLITION PLAN FOR EXISTING LOCATION)
- INSTALL 6" 22.5" D.I. BEND W/ THRUST BLOCK
- ±6 L.F. OF 6" PVC WATER MAIN.
- CITY TO PROVIDE MOUNTAIN EXTENSION. CONTRACTOR TO COORDINATE WITH WATER AND FIRE DEPARTMENTS.
- C12** INSTALL PAVER DRIVEWAY. USE PAVERS FROM CORRESPONDING DEMOLITION PLAN SHEET AND/OR MATCH EXISTING STYLE AND PATTERN. SEE DETAIL 5 / C0.2.
- C16** INSTALL FENCE WITH APPLICABLE GATES. USE PREVIOUSLY REMOVED FENCE / GATES OR MATCH STYLE AND HEIGHT.
- C17** STREET LIGHTS
- a. INSTALL STREET LIGHT: SOLAR (OFF-GRID) SEE DETAIL 5 / C0.3 FOR DETAILS.
- A** RETAIN AND PROTECT STRUCTURE.
- B** MATCH EXISTING LINES AND GRADES
- C** REGRADE AREA TO PROVIDE FOR A SMOOTH TRANSITION. REPAIR IRRIGATION AND LANDSCAPING AS NECESSARY.

GENERAL NOTE:
1. NOT ALL KEY NOTES MAY BE USED.

SITE IMPROVEMENT PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q2-3
1ST STREET (ALLEY BLOCK 59 TO 1ST AVE)

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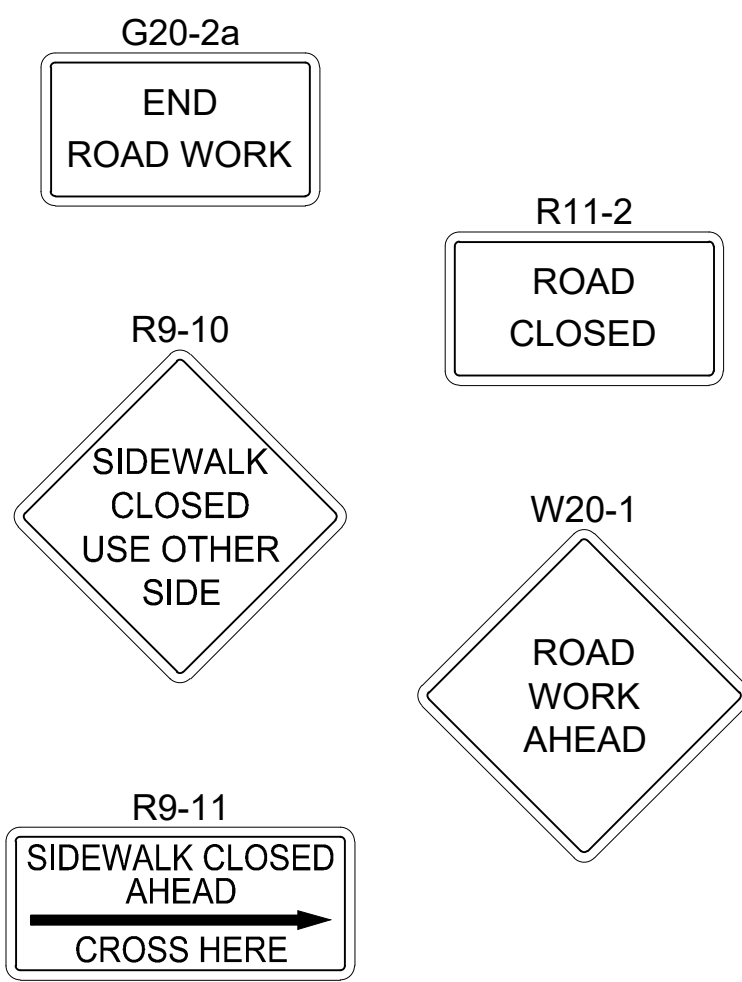
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PURPOSE: ISSUE FOR REVIEW

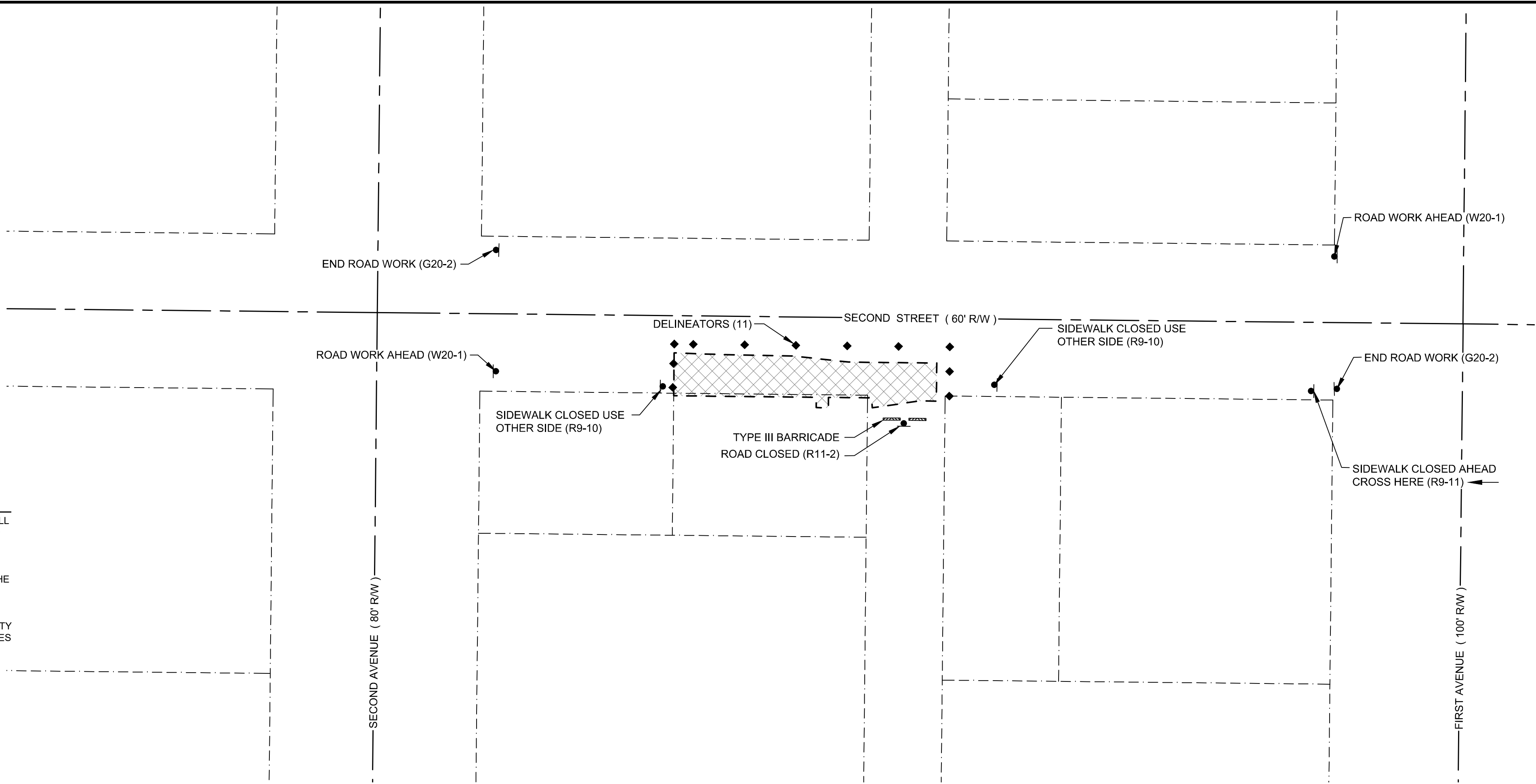
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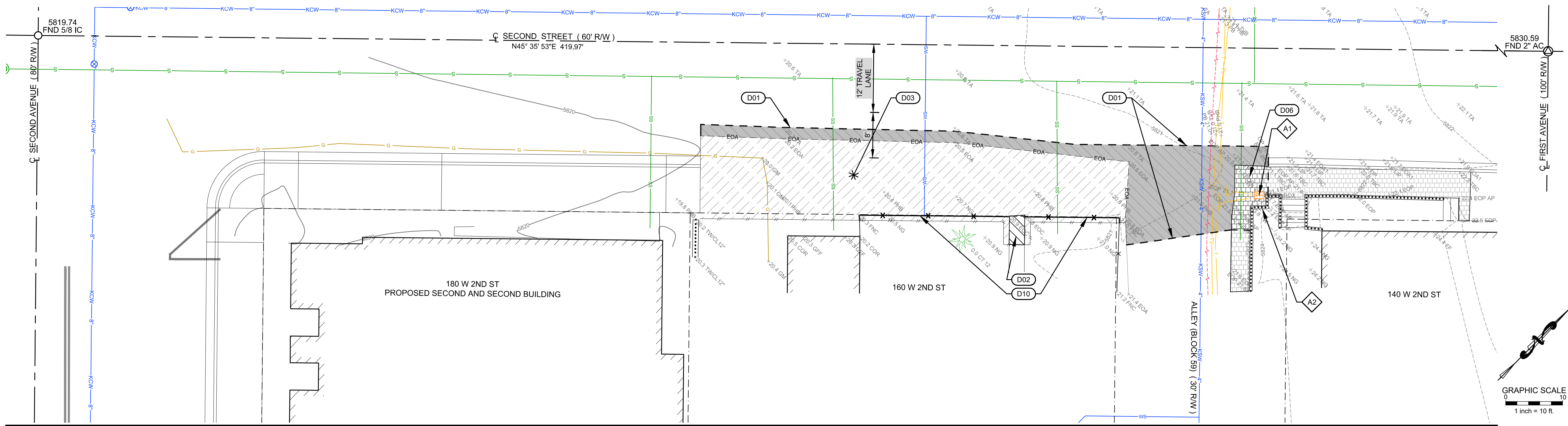
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- NOTES**
- ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT MUTCD. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE NUMBER OF BARRICADES, SIGNS, AND MANPOWER TO PREVENT ALL PUBLIC ACCESS TO THE CONSTRUCTION AREA.
 - THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN ALL TRAFFIC CONTROL DEVICES AS REQUIRED BY THESE PROJECT DOCUMENTS. THE OVERALL EFFECTIVENESS UNDER BOTH DAY AND NIGHT CONDITIONS AND THE PLACEMENT OF THESE INSTALLATIONS SHALL BE MAINTAINED, AND ADJUSTMENTS AND CLEANING DONE TO ENSURE OPTIMUM PERFORMANCE OF THE TRAFFIC CONTROL DEVICES.
 - THE CONTRACTOR SHALL SUBMIT ANY CHANGES TO THE CONTROL PLAN FOR APPROVAL BY OWNER AND THE CITY ENGINEER. NO CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE IMPLEMENTED UNTIL APPROVAL OR CHANGES ARE RECEIVED IN WRITING.
 - THE CONTRACTOR SHALL COVER EXISTING TRAFFIC CONTROL SIGNS IN CONSTRUCTION ZONE.
 - THE CONTRACTOR SHALL COORDINATE CLOSURE OF DRIVEWAYS WITH OWNERS, IF NECESSARY.



TRAFFIC CONTROL PLAN: SITE Q2-4 - 2ND STREET (AT 160 W. 2ND ST. AND ALLEY BLOCK 59)



DEMOLITION PLAN: SITE Q2-4 - 2ND STREET (AT 160 W. 2ND ST. AND ALLEY BLOCK 59)

- DEMOLITION KEY NOTES**
- D01 SAWCUT ASPHALT AS SHOWN TO PROVIDE CLEAN VERTICAL EDGE. REMOVE AND DISPOSE OF ASPHALT.
 - D02 REMOVE AND DISPOSE OF CONCRETE CURB AND/OR SIDEWALK AND/OR RETAINING WALL. (UTILIZE EXISTING JOINTS WHERE POSSIBLE)
 - D03 GRUB SITE
 - D06 REMOVE PAVERS. REUSE QUANTITY AS NECESSARY FOR REGRADING (SEE CORRESPONDING SIDEWALK DESIGN SHEET). RETURN REMAINING PAVERS TO OWNER.
 - D10 REMOVE AND RETAIN FENCE.
 - A RETAIN AND PROTECT
 - 1. TELEPHONE RISER
 - 2. RETAINING / LANDSCAPE WALL

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email: galena@galena-engineering.com

PURPOSE: ISSUE FOR REVIEW

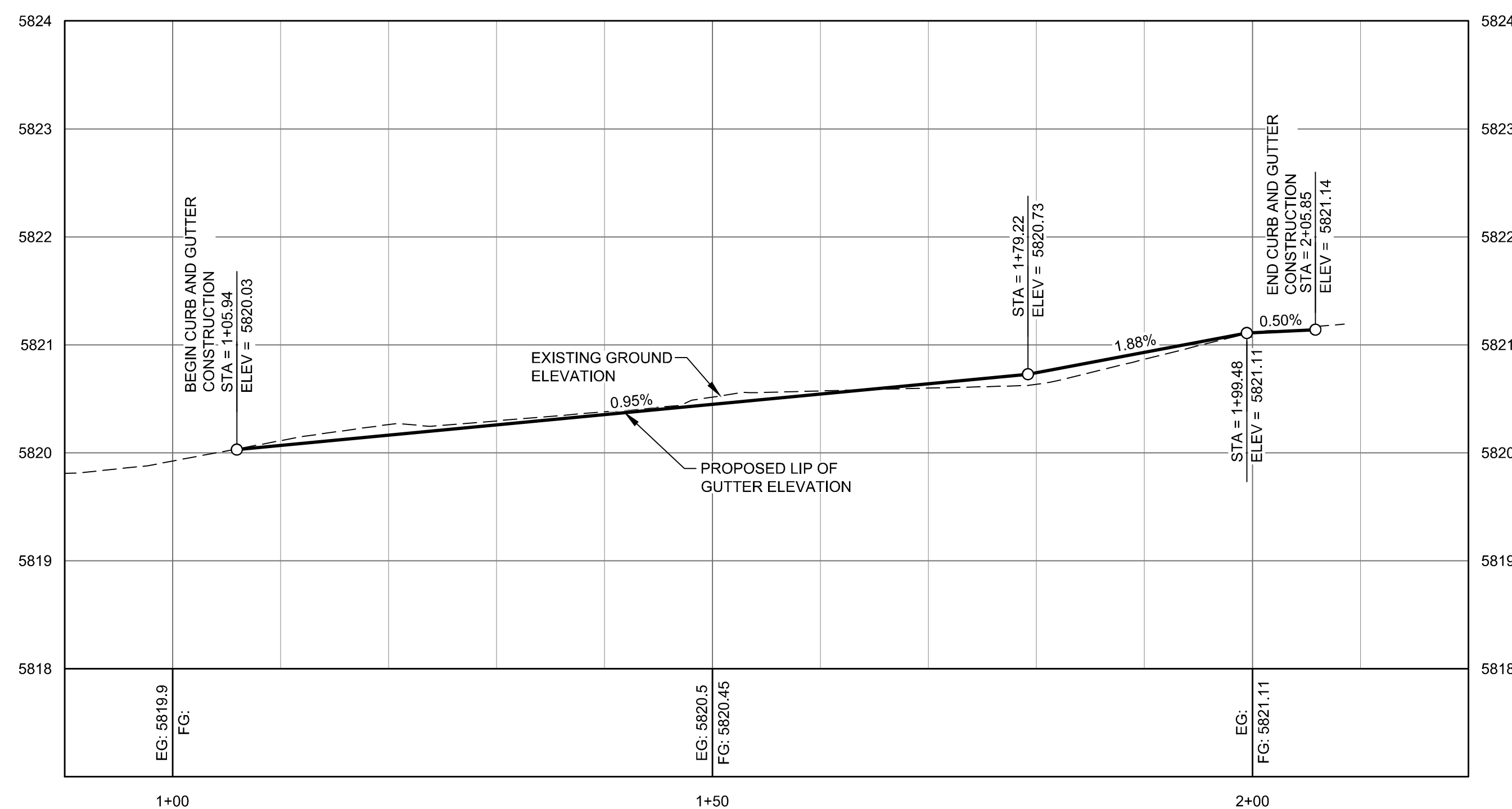
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TRAFFIC CONTROL AND DEMOLITION PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q2-4
2ND ST. (AT 160 W. 2ND ST. AND ALLEY BLOCK 59)

PROJECT INFORMATION
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PREPARED FOR CITY OF KETCHUM

GRAPHIC SCALE
0 10
1 inch = 10 ft.



SITE Q2-4: 2ND STREET (AT 160 W. 2ND ST. AND ALLEY BLOCK 59) PROFILE
SCALE: 1"=10 H; 1"=1 V

C01	CONSTRUCT ASPHALT ROADWAY / ASPHALT REPAIR. SEE DETAIL 1 / C0.2.
C02	CONSTRUCT CONCRETE CURB AND GUTTER a. 6" VERTICAL C&G PER DETAIL 2a / C0.2. b. CURB TRANSITION PER DETAIL 2b / C0.2. c. ZERO REVEAL CURB AND GUTTER PER DETAIL 2c / C0.2. d. 6" ROLLED C&G PER DETAIL 2d / C0.2. e. 3" WIDE CONCRETE VALLEY GUTTER PER DETAIL 2e / C0.2. f. CONSTRUCT VERTICAL CURB PER DETAIL 2e / C0.2. g. ±5' OF CURB TRANSITION (BETWEEN 6" VERTICAL C&G AND 6" ROLLED C&G).
C03	CONSTRUCT CONCRETE SIDEWALK. WIDTH AS SHOWN HEREON. SEE DETAIL 3 / C0.2. a. FLAT WORK b. ADA COMPLIANT RAMPS / LANDING. c. NON - ADA COMPLIANT RAMP BECAUSE OF EXISTING GRADE
C04	INSTALL ROAD STRIPING / PAINT a. WHITE CROSSWALK STRIPING (12" WIDE). b. YELLOW ASPHALT PARKING STRIPING (6" WIDE). MATCH CITY PATTERNS. c. WHITE CROSSWALK / STOP BAR STRIPING (24" WIDE). d. RED "NO PARKING" STRIPING ON CURB. MATCH CITY PATTERNS.
C05	INSTALL CITY OF KETCHUM APPROVED CAST IRON TRUNCATED DOME DETECTABLE WARNING INSERT. SEE DETAIL 6 / C0.3.
C09	SIGNS: a. INSTALL STOP / STREET SIGN. USE PREVIOUSLY REMOVED SIGN. COORDINATE FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL. b. INSTALL REGULATORY SIGN. COORDINATE TYPE AND FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR CITY OF KETCHUM DETAIL.
C12	INSTALL PAVEMENT SIDEWALK. USE PAVERS FROM CORRESPONDING DEMOLITION PLAN SHEET AND/OR MATCH EXISTING STYLE AND PATTERN. SEE DETAIL 5 / C0.2.
C16	INSTALL FENCE WITH APPLICABLE GATES. USE PREVIOUSLY REMOVED FENCE / GATES OR MATCH STYLE AND HEIGHT.
C17	STREET LIGHTS a. INSTALL STREET LIGHT. SOLAR (OFF-GRID) SEE DETAIL 5 / C0.3 FOR DETAILS.
A	RETAIN AND PROTECT 1. TELEPHONE RISER 2. RETAINING / LANDSCAPE WALL

GENERAL NOTE:
1. NOT ALL KEY NOTES MAY BE USED.

SITE IMPROVEMENT PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q2-4
22ND ST. (AT 160 W. 2ND ST. AND ALLEY BLOCK 59)

21 INFORMATION
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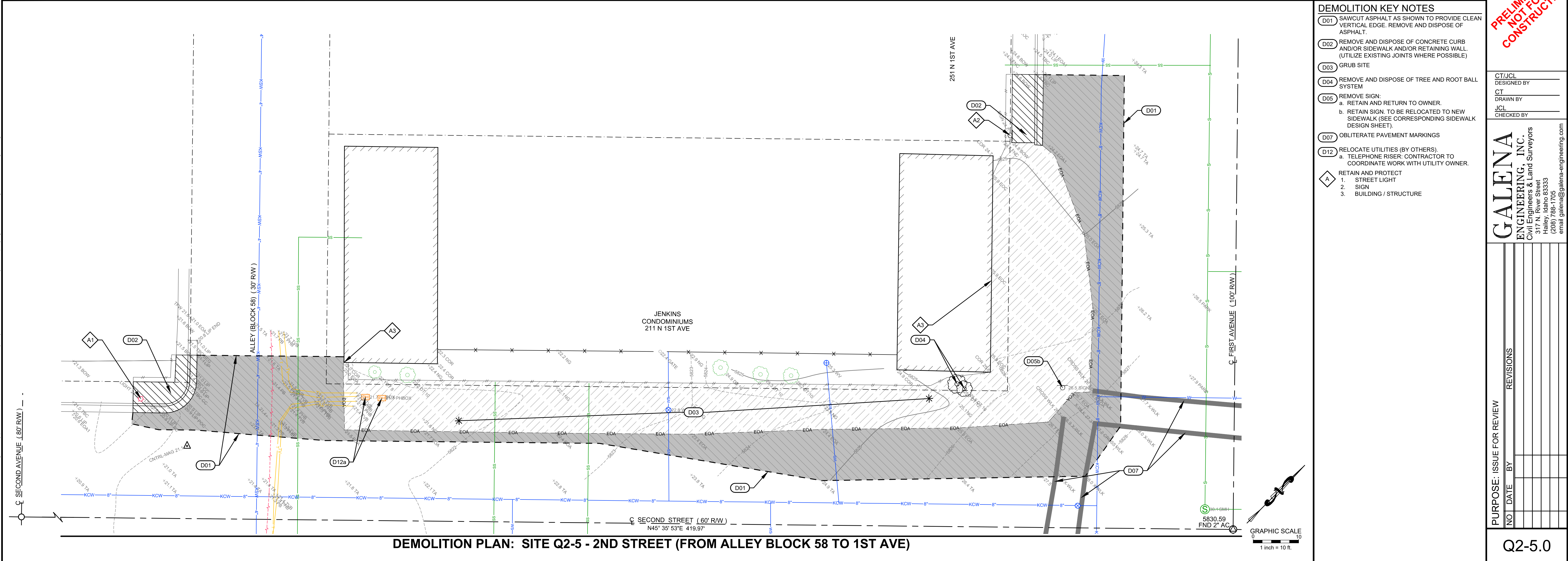
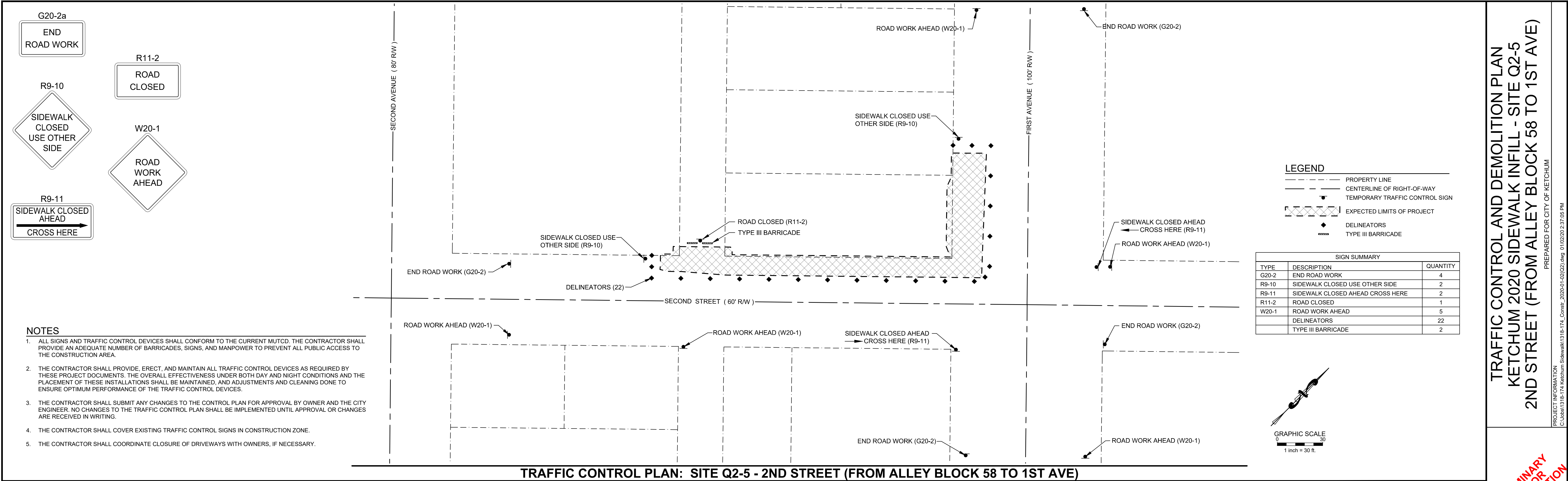
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PURPOSE: ISSUE FOR REVIEW		
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TRAFFIC CONTROL AND DEMOLITION PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q2-5
2ND STREET (FROM ALLEY BLOCK 58 TO 1ST AVE)

PROJECT INFORMATION
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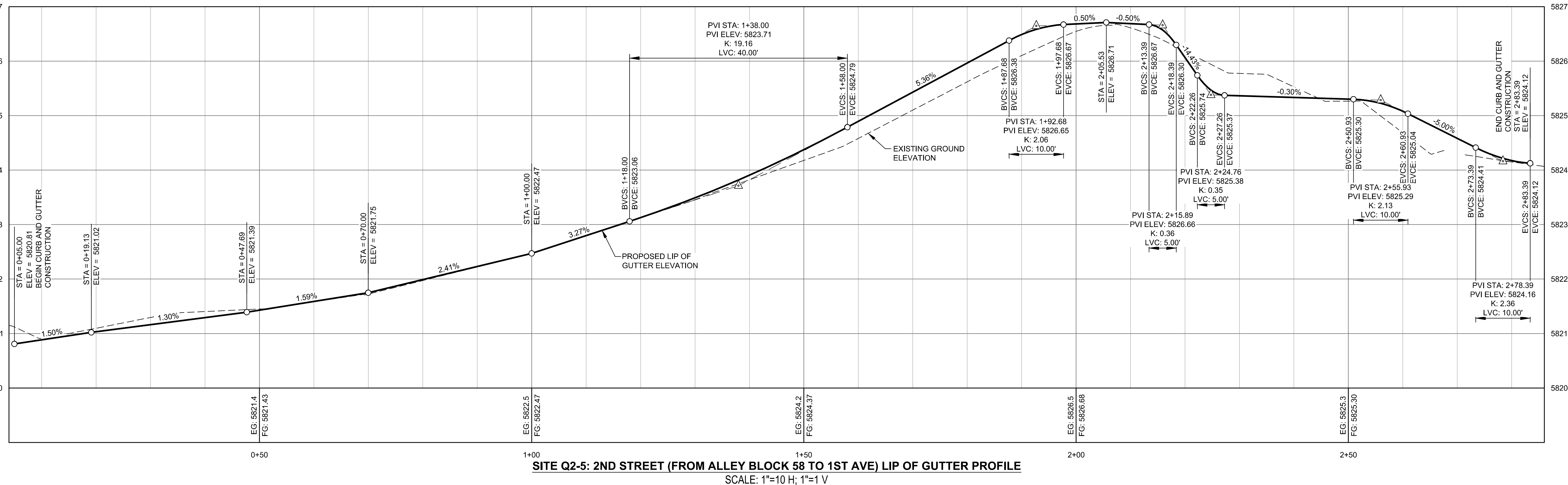
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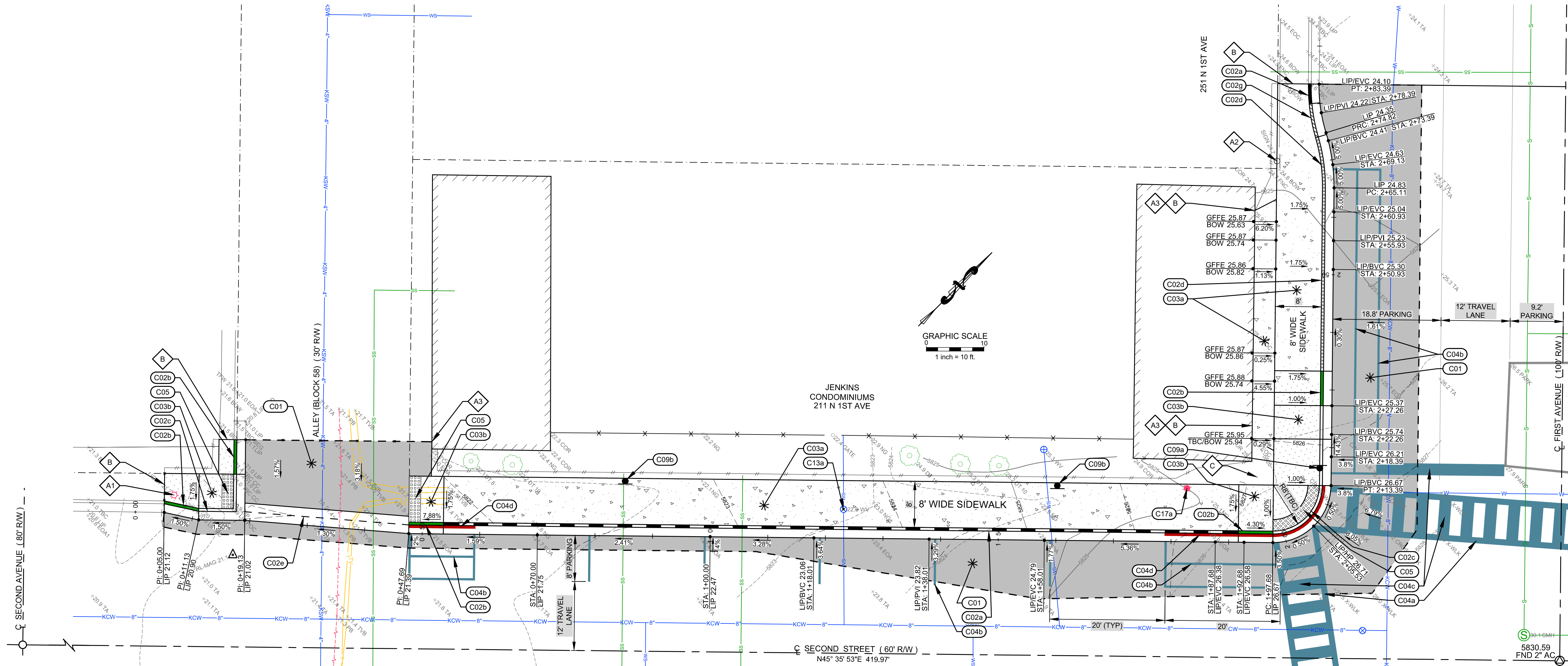
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NO.	DATE	BY	

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SITE Q2-5: 2ND STREET (FROM ALLEY BLOCK 58 TO 1ST AVE) LIP OF GUTTER PROFILE
SCALE: 1"=10 H; 1"=1 V



SIDEWALK DESIGN: SITE Q2-5 - 2ND STREET (FROM ALLEY BLOCK 58 TO 1ST AVE)

CONSTRUCTION KEY NOTES

- C01** CONSTRUCT ASPHALT ROADWAY / ASPHALT REPAIR. SEE DETAIL 1 / C0.2.
- C02** CONSTRUCT CONCRETE CURB AND GUTTER
- 6" VERTICAL C&G PER DETAIL 2a / C0.2.
 - CURB TRANSITION PER DETAIL 2b / C0.2.
 - ZERO REVEAL CURB AND GUTTER PER DETAIL 2b / C0.2.
 - 6" ROLLED C&G PER DETAIL 2d / C0.2.
 - 3" WIDE CONCRETE VALLEY GUTTER PER DETAIL 2c / C0.2.
 - CONCRETE VERTICAL CURB PER DETAIL 2e / C0.2.
 - ±5' OF CURB TRANSITION (BETWEEN 6" VERTICAL C&G AND 6" ROLLED C&G).
- C03** CONSTRUCT CONCRETE SIDEWALK. WIDTH AS SHOWN HEREON. SEE DETAIL 3 / C0.2.
- FLAT WORK.
 - ADA COMPLIANT RAMPS / LANDING.
 - NON - ADA COMPLIANT RAMP BECAUSE OF EXISTING GRADE.
- C04** INSTALL ROAD STRIPING / PAINT
- WHITE CROSSWALK STRIPING (12" WIDE).
 - YELLOW ASPHALT PARKING STRIPING (4" WIDE). MATCH CITY PATTERNS.
 - WHITE CROSSWALK / STOP BAR STRIPING (24" WIDE).
 - RED "NO PARKING" STRIPING ON CURB. MATCH CITY PATTERNS.
- C05** INSTALL CITY OF KETCHUM APPROVED CAST IRON TRUNCATED DOME DETECTABLE WARNING INSERT. SEE DETAIL 6 / C0.3.
- C09** SIGNS:
- INSTALL STOP / STREET SIGN. USE PREVIOUSLY REMOVED SIGN. COORDINATE FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
 - INSTALL REGULATORY SIGN. COORDINATE TYPE AND FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
- C13** RESET UTILITY BOX LID ELEVATION.
- WATER VALVE BOX ORIGINAL RIM = 5822.84 NEW RIM = 5823.66
- C17** STREET LIGHTS
- INSTALL STREET LIGHT: SOLAR (OFF-GRID) SEE DETAIL 5 / C0.3 FOR DETAILS.
- A** RETAIN AND PROTECT
- STREET LIGHT
 - SIGN
 - BUILDING / STRUCTURE
- B** MATCH EXISTING LINES AND GRADES
- C** REGRADE AREA TO PROVIDE FOR A SMOOTH TRANSITION. REPAIR IRRIGATION AND LANDSCAPING AS NECESSARY.

GENERAL NOTE:

1. NOT ALL KEY NOTES MAY BE USED.

SITE IMPROVEMENT PLAN KETCHUM 2020 SIDEWALK INFILL - SITE Q2-5 2ND STREET (FROM ALLEY BLOCK 58 TO 1ST AVE)

PROJECT INFORMATION
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PURPOSE: ISSUE FOR REVIEW

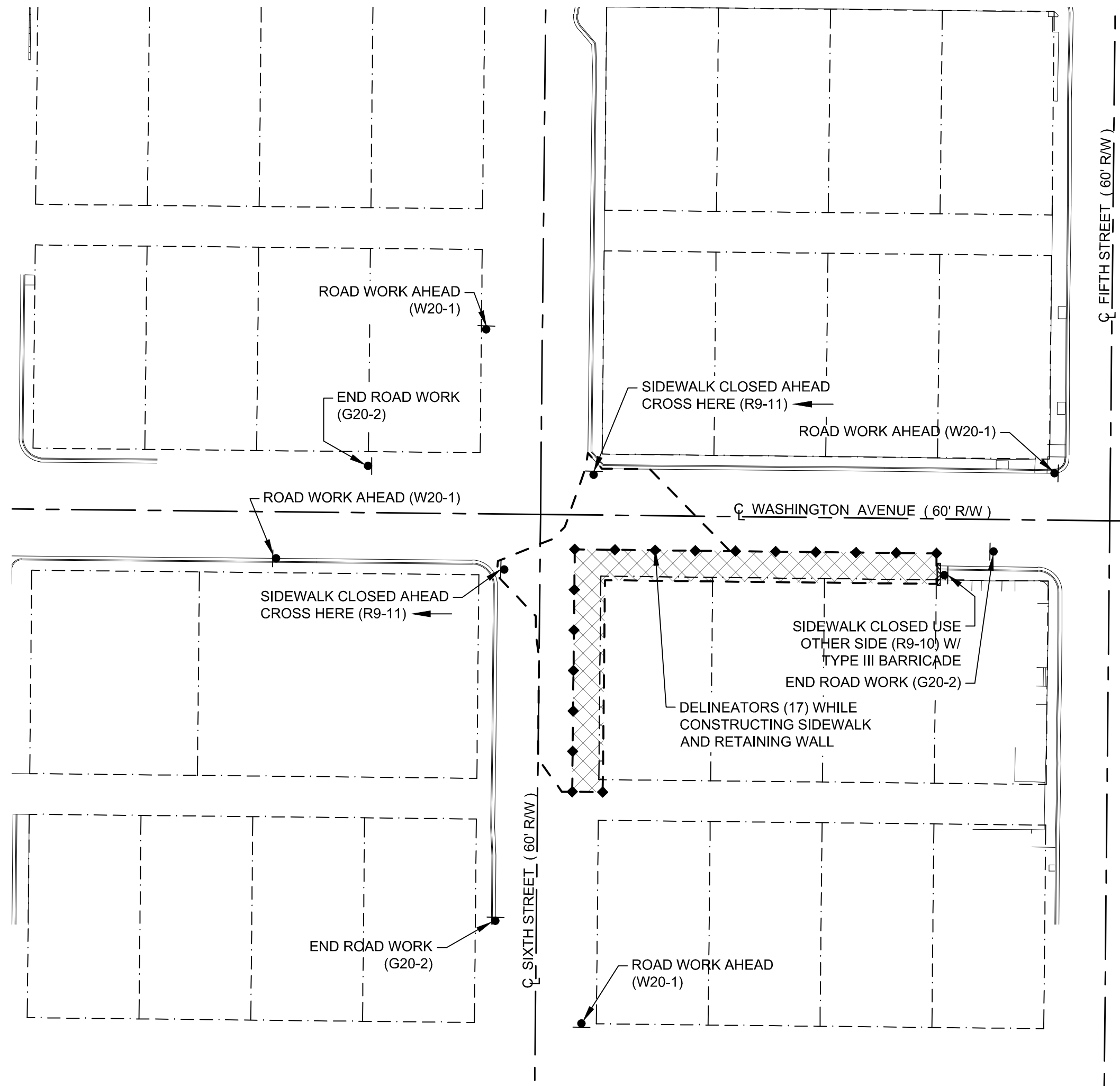
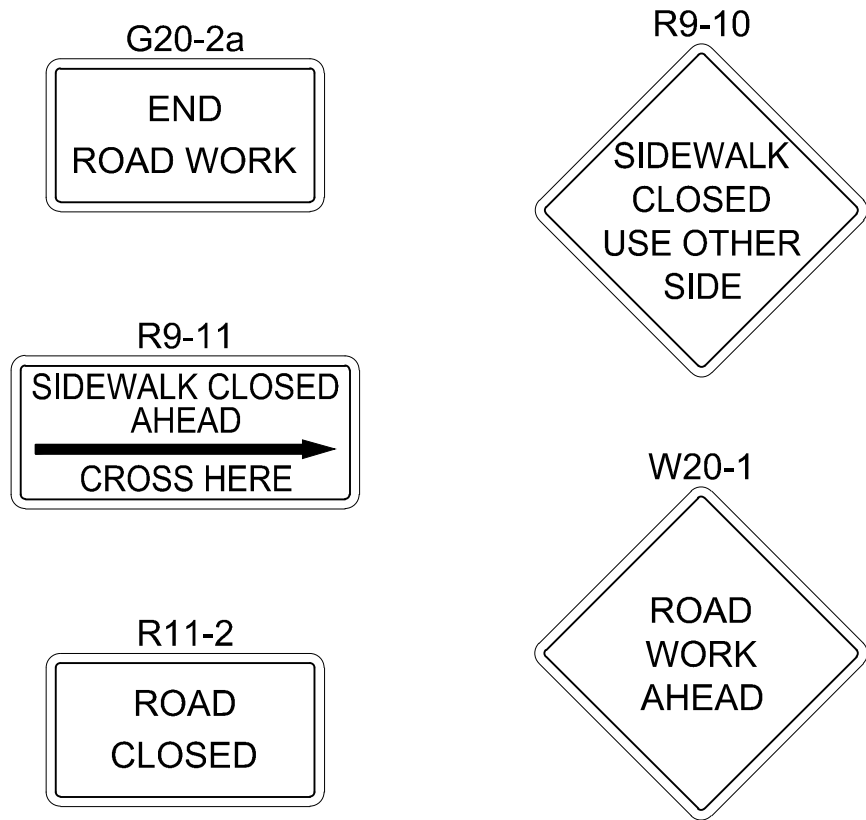
NO. DATE BY REVISIONS

Q2-5.1

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NOTES

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- THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN ALL TRAFFIC CONTROL DEVICES AS REQUIRED BY THESE PROJECT DOCUMENTS. THE OVERALL EFFECTIVENESS UNDER BOTH DAY AND NIGHT CONDITIONS AND THE PLACEMENT OF THESE INSTALLATIONS SHALL BE MAINTAINED, AND ADJUSTMENTS AND CLEANING DONE TO ENSURE OPTIMUM PERFORMANCE OF THE TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL SUBMIT ANY CHANGES TO THE CONTROL PLAN FOR APPROVAL BY OWNER AND THE CITY ENGINEER. NO CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE IMPLEMENTED UNTIL APPROVAL OR CHANGES ARE RECEIVED IN WRITING.
- THE CONTRACTOR SHALL COVER EXISTING TRAFFIC CONTROL SIGNS IN CONSTRUCTION ZONE.
- THE CONTRACTOR SHALL COORDINATE CLOSURE OF DRIVEWAYS WITH OWNERS, IF NECESSARY.
- THE CONTRACTOR SHALL COORDINATE CLOSURE OF STREET / INTERSECTION WITH THE STREET DEPARTMENT WHEN THE INTERSECTION IS RECONSTRUCTED.



TRAFFIC CONTROL PLAN: SITE Q3-2
SOUTH CORNER OF THE INTERSECTION OF 6TH ST. AND WASHINGTON AVE.

LEGEND

- PROPERTY LINE
- CENTERLINE OF RIGHT-OF-WAY
- TEMPORARY TRAFFIC CONTROL SIGN
- EXPECTED LIMITS OF PROJECT
- DELINEATORS
- TYPE III BARRICADE

SIGN SUMMARY		
TYPE	DESCRIPTION	QUANTITY
G20-2	END ROAD WORK	4
R9-10	SIDEWALK CLOSED USE OTHER SIDE	1
R9-11	SIDEWALK CLOSED AHEAD CROSS HERE	2
W20-1	ROAD WORK AHEAD	4
	DELINEATORS	17
	TYPE III BARRICADE	1

PURPOSE: ISSUE FOR REVIEW

NO. DATE BY REVISIONS

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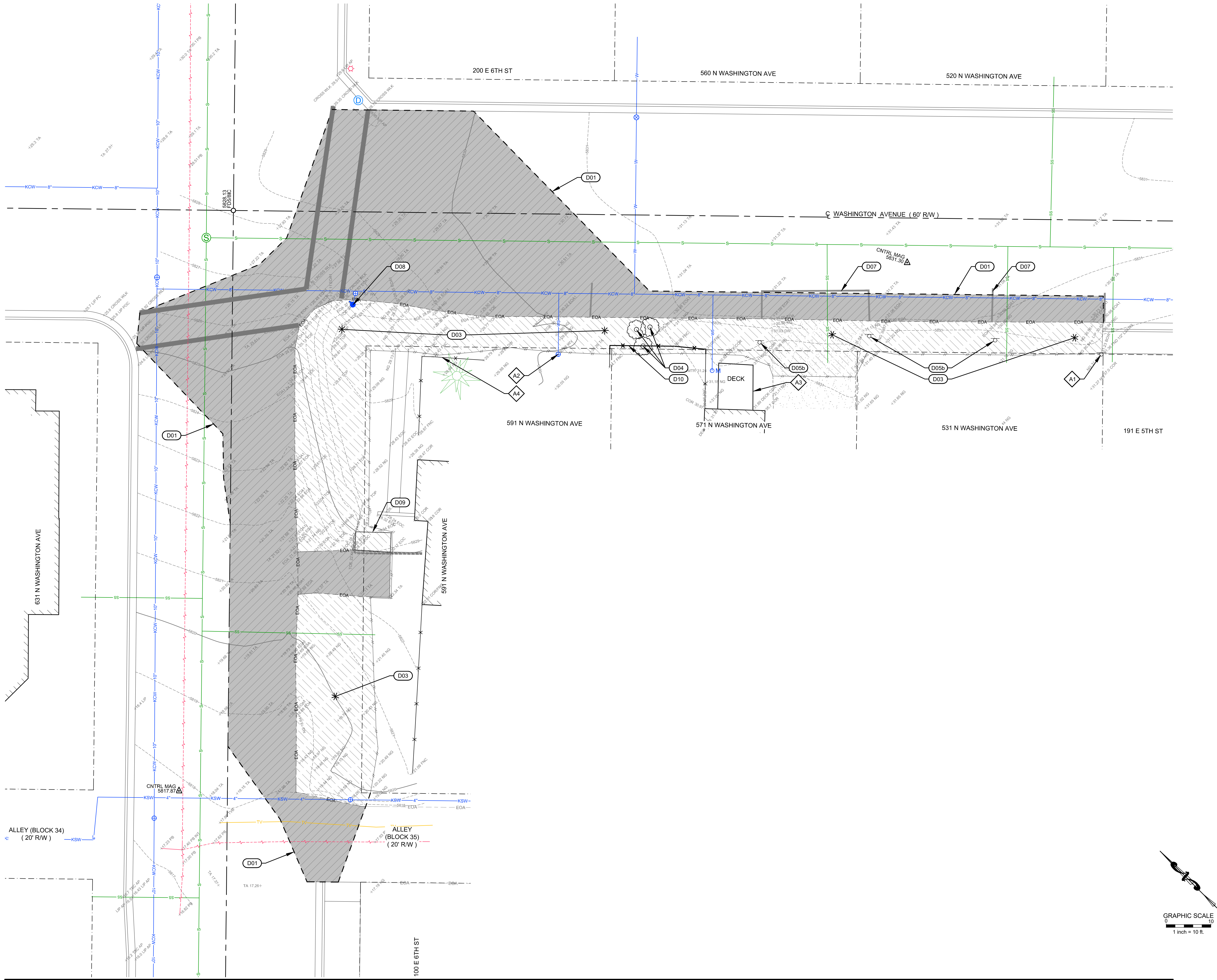
TRAFFIC CONTROL PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q3-2
SOUTH CORNER OF THE INTERSECTION OF 6TH ST. AND WASHINGTON AVE.

PROJECT INFORMATION
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PREPARED FOR CITY OF KETCHUM

Q3-2.0

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DEMOLITION PLAN: SITE Q3-2 - SOUTH CORNER OF THE INTERSECTION OF 6TH ST. AND WASHINGTON AVE.

DEMOLITION KEY NOTES

- (D01) SAWCUT ASPHALT AS SHOWN TO PROVIDE CLEAN VERTICAL EDGE. REMOVE AND DISPOSE OF ASPHALT.
- (D03) GRUB SITE
- (D04) REMOVE AND DISPOSE OF TREE AND ROOT BALL SYSTEM
- (D05) REMOVE SIGN:
 - a. RETAIN AND RETURN TO OWNER.
 - b. RETAIN SIGN TO BE RELOCATED TO NEW SIDEWALK (SEE CORRESPONDING SIDEWALK DESIGN SHEET).
- (D07) OBLITERATE PAVEMENT MARKINGS
- (D08) RELOCATE FIRE HYDRANT (SEE CORRESPONDING SIDEWALK DESIGN SHEET FOR NEW LOCATION).
- (D09) REMOVE AND DISPOSE OF STRUCTURE:
 - a. REMOVE AND DISPOSE OF ENCROACHING STRUCTURE. COORDINATE DEMOLITION OF STRUCTURE WITH OWNER.
- (D10) REMOVE AND RETAIN FENCE.
- (A) RETAIN AND PROTECT
 - 1. SIGN
 - 2. WATER VALVE
 - 3. WOOD DECK
 - 4. FENCE

DEMOLITION PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q3-2
SOUTH CORNER OF THE INTERSECTION OF 6TH ST. AND WASHINGTON AVE.

PROJECT INFORMATION
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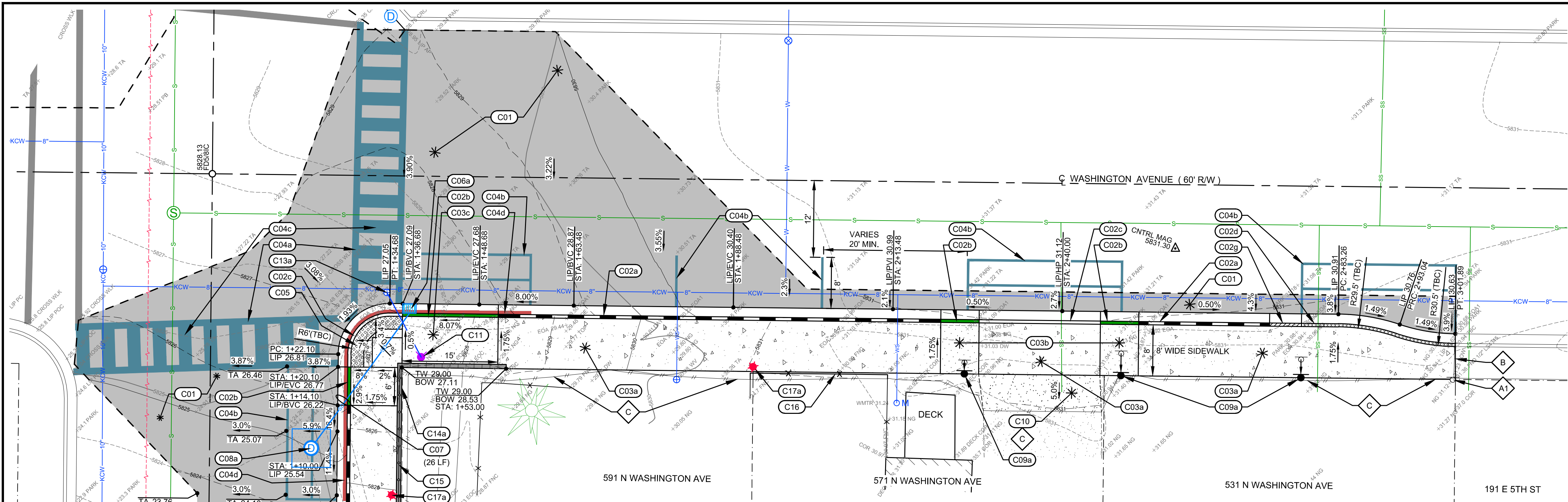
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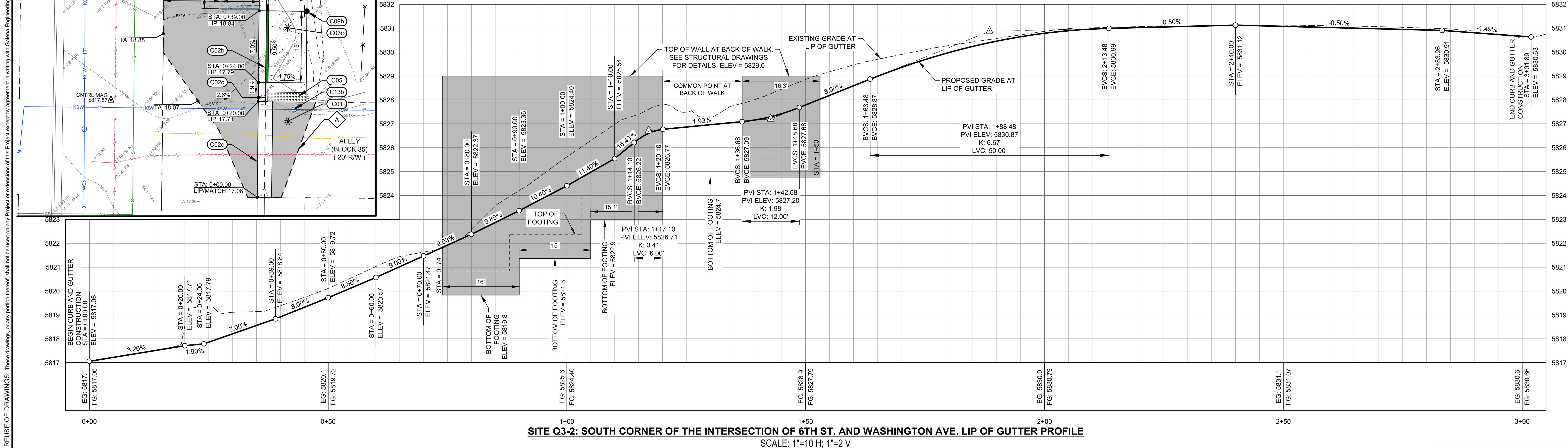
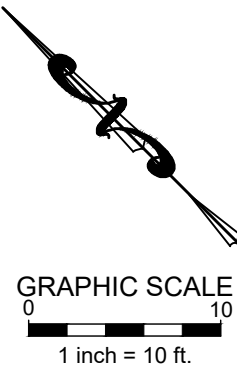
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SIDEWALK DESIGN: SITE Q3-2 - SOUTH CORNER OF THE INTERSECTION OF 6TH ST. AND WASHINGTON AVE.



SITE Q3-2: SOUTH CORNER OF THE INTERSECTION OF 6TH ST. AND WASHINGTON AVE. LIP OF GUTTER PROFILE
SCALE: 1"=10 H; 1"=2 V

CONSTRUCTION KEY NOTES

- C01 CONSTRUCT ASPHALT ROADWAY / ASPHALT REPAIR. SEE DETAIL 1 / C0.2.
- C02 CONSTRUCT CONCRETE CURB AND GUTTER
- a. 6" VERTICAL C&G PER DETAIL 2a / C0.2.
- b. CURB TRANSITION PER DETAIL 2b / C0.2.
- c. ZERO REVEAL CURB AND GUTTER PER DETAIL 2b / C0.2.
- d. 6" ROLLED C&G PER DETAIL 2d / C0.2.
- e. 3" WIDE CONCRETE VALLEY GUTTER PER DETAIL 2c / C0.2.
- f. CONCRETE VERTICAL CURB PER DETAIL 2e / C0.2.
- g. $\pm 5'$ OF CURB TRANSITION (BETWEEN 6" VERTICAL C&G AND 6" ROLLED C&G).
- C03 CONSTRUCT CONCRETE SIDEWALK. WIDTH AS SHOWN HEREON. SEE DETAIL 3 / C0.2.
- a. FLAT WORK.
- b. ADA COMPLIANT RAMPS / LANDING.
- c. NON - ADA COMPLIANT RAMP BECAUSE OF EXISTING GRADE.
- C04 INSTALL ROAD STRIPING / PAINT
- a. WHITE CROSSWALK STRIPING (12" WIDE).
- b. YELLOW ASPHALT PARKING STRIPING (4" WIDE). MATCH CITY PATTERNS.
- c. WHITE CROSSWALK / STOP BAR STRIPING (24" WIDE).
- d. RED "NO PARKING" STRIPING ON CURB. MATCH CITY PATTERNS.
- C05 INSTALL CITY OF KETCHUM APPROVED CAST IRON TRUNCATED DOME DETECTABLE WARNING INSERT. SEE DETAIL 6 / C0.3.
- C06 INSTALL CATCH BASIN. SEE DETAIL 6 / C0.2.
- a. RIM = 5826.89
INV. OUT = 5822.89
- b. RIM = 5817.77
INV. OUT = 5817.7
- C07 INSTALL 12" ADS N-12 STORM DRAIN PIPE WITH A MINIMUM SLOPE OF 2.0%. SEE DETAIL 2 / C0.3 FOR POTABLE AND NON-POTABLE WATER LINE SEPARATION AND DETAIL 1 / C0.3 FOR TRENCHING.
- C08 DRYWELL. SEE DETAIL 9 / C0.2.
- a. CONSTRUCT DRYWELL
RIM = 5825.00
INV. IN = 5822.00
- b. CONSTRUCT DRYWELL
RIM = 5818.50
INV. IN = 5815.50
- C09 SIGNS:
- a. INSTALL STOP / STREET SIGN. USE PREVIOUSLY REMOVED SIGN. COORDINATE FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
- b. INSTALL REGULATORY SIGN. COORDINATE TYPE AND FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.

CONSTRUCTION KEY NOTES

- C10 CONSTRUCT GRAVEL DRIVEWAY / PARKING AREA IMPROVEMENTS. REGRADE AREA TO PROVIDE FOR A SMOOTH TRANSITION. SEE DETAIL 4 / C0.2.
- C11 RELOCATE EXISTING FIRE HYDRANT AND GATE VALVE. (SEE DEMOLITION PLAN FOR EXISTING LOCATION)
- INSTALL 6" 22.5' D.I. BEND
W/ THRUST BLOCK
 ± 11 L.F. OF 6" PVC WATER MAIN.
CITY TO PROVIDE MOUNTAIN EXTENSION.
CONTRACTOR TO COORDINATE WITH WATER AND FIRE DEPARTMENTS.
- C12 INSTALL PAVER PATIO / SIDEWALK. USE PAVERS FROM CORRESPONDING DEMOLITION PLAN SHEET AND/OR MATCH EXISTING STYLE AND PATTERN. SEE DETAIL 5 / C0.2.
- C13 RESET UTILITY BOX LID ELEVATION.
- a. WATER VALVE
ORIGINAL RIM = 5827.67
NEW RIM = 5827.10
- b. WATER VALVE
ORIGINAL RIM = 5819.26
NEW RIM = 5817.94
- C14 CONSTRUCT RETAINING WALL
- a. POUR IN-PLACE CONCRETE RETAINING WALL. REFER TO STRUCTURAL DRAWINGS.
- C15 INSTALL ADA COMPLIANT HAND / GUARD RAIL PAINTED PER CITY SPECIFICATIONS. SEE DETAIL 3 / C0.3.
- C16 INSTALL FENCE WITH APPLICABLE GATES. USE PREVIOUSLY REMOVED FENCE / GATES OR MATCH STYLE AND HEIGHT.
- C17 STREET LIGHTS
- a. INSTALL STREET LIGHT: SOLAR (OFF-GRID) SEE DETAIL 5 / C0.3 FOR DETAILS.
- C18 RELOCATE GAVE VALVE OUT OF VALLEY GUTTER. COORDINATE WORK WITH CITY OF KETCHUM WATER DEPARTMENT.
- RETAIN AND PROTECT
1. SIGN
- MATCH EXISTING LINES AND GRADES
- REGRADE AREA TO PROVIDE FOR A SMOOTH TRANSITION.

GENERAL NOTE:
1. NOT ALL KEY NOTES MAY BE USED.

SITE IMPROVEMENT PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q3-2
SOUTH CORNER OF THE INTERSECTION OF 6TH ST. AND WASHINGTON AVE.

PROJECT INFORMATION
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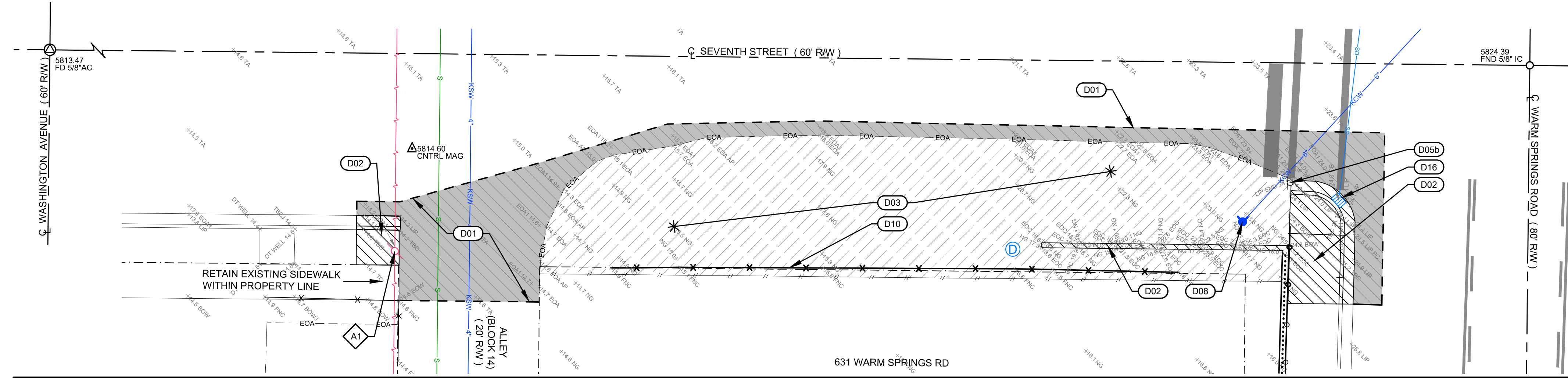
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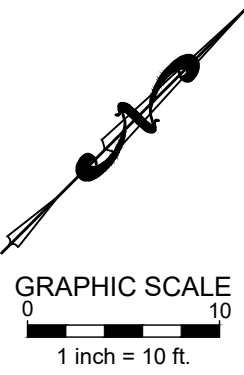
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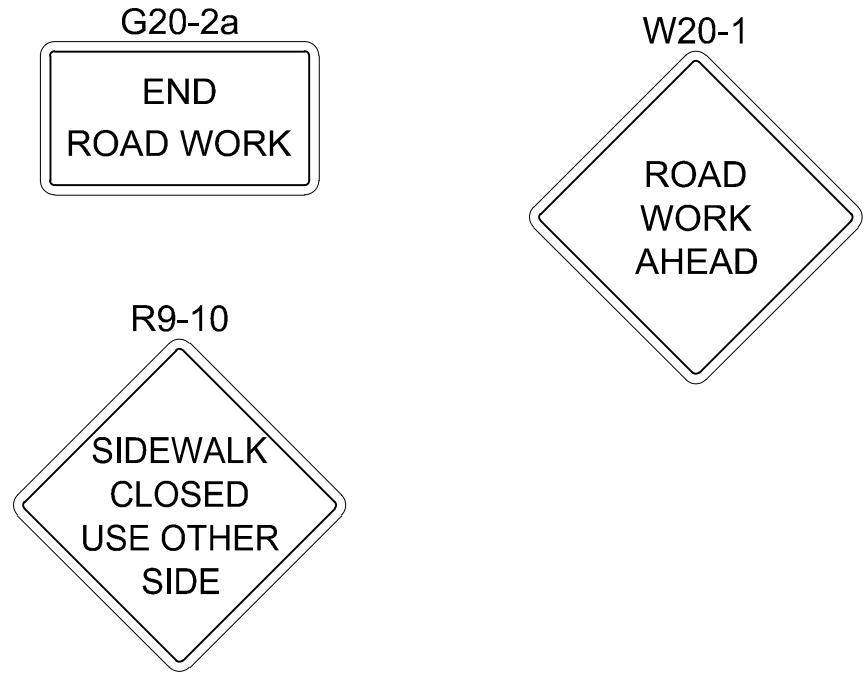
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DEMOLITION PLAN: SITE Q3-4 - 7TH ST (FROM ALLEY OF BLOCK 14 TO WARM SPRINGS RD)

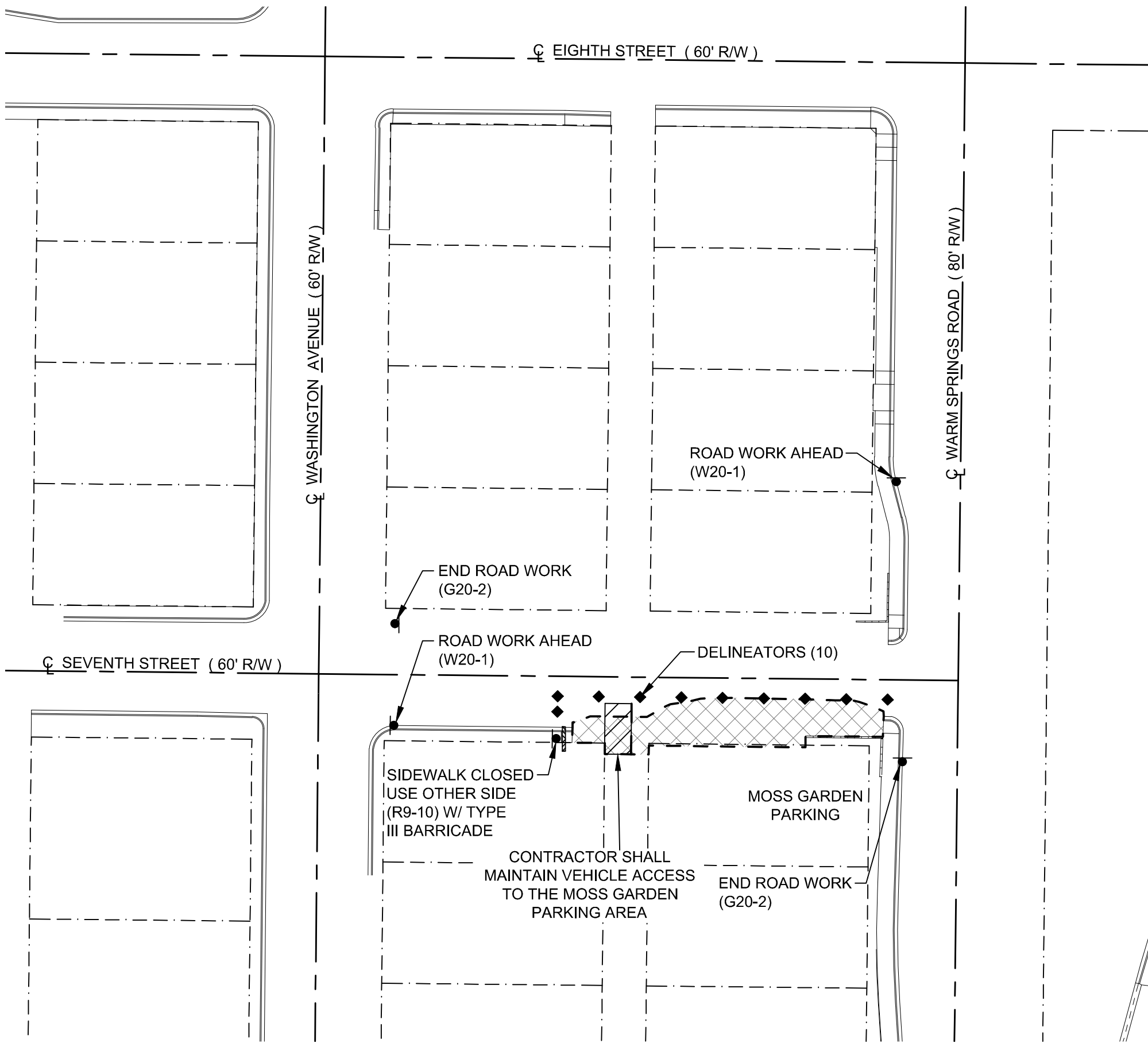


- DEMOLITION KEY NOTES**
- (D01) SAWCUT ASPHALT AS SHOWN TO PROVIDE CLEAN VERTICAL EDGE. REMOVE AND DISPOSE OF ASPHALT.
 - (D02) REMOVE AND DISPOSE OF CONCRETE CURB AND/OR SIDEWALK AND/OR RETAINING WALL. (UTILIZE EXISTING JOINTS WHERE POSSIBLE)
 - (D03) GRUB SITE
 - (D05) REMOVE SIGN:
 - a. RETAIN AND RETURN TO OWNER.
 - b. RETAIN SIGN. TO BE RELOCATED TO NEW SIDEWALK (SEE CORRESPONDING SIDEWALK DESIGN SHEET).
 - (D08) RELOCATE FIRE HYDRANT (SEE CORRESPONDING SIDEWALK DESIGN SHEET FOR NEW LOCATION).
 - (D10) REMOVE AND RETAIN FENCE.
 - (D16) REMOVE AND DISPOSE OF CATCH BASIN.
 - (A) RETAIN AND PROTECT
 - 1. POWER POLE



NOTES

- ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT MUTCD. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE NUMBER OF BARRICADES, SIGNS, AND MANPOWER TO PREVENT ALL PUBLIC ACCESS TO THE CONSTRUCTION AREA.
- THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN ALL TRAFFIC CONTROL DEVICES AS REQUIRED BY THESE PROJECT DOCUMENTS. THE OVERALL EFFECTIVENESS UNDER BOTH DAY AND NIGHT CONDITIONS AND THE PLACEMENT OF THESE INSTALLATIONS SHALL BE MAINTAINED, AND ADJUSTMENTS AND CLEANING DONE TO ENSURE OPTIMUM PERFORMANCE OF THE TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL SUBMIT ANY CHANGES TO THE CONTROL PLAN FOR APPROVAL BY OWNER AND THE CITY ENGINEER. NO CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE IMPLEMENTED UNTIL APPROVAL OR CHANGES ARE RECEIVED IN WRITING.
- THE CONTRACTOR SHALL COVER EXISTING TRAFFIC CONTROL SIGNS IN CONSTRUCTION ZONE.
- THE CONTRACTOR SHALL COORDINATE CLOSURE OF DRIVEWAYS WITH OWNERS, IF NECESSARY.



TRAFFIC CONTROL PLAN: SITE Q3-4 - 7TH ST (FROM ALLEY OF BLOCK 14 TO WARM SPRINGS RD)

- LEGEND**
- PROPERTY LINE
 - CENTERLINE OF RIGHT-OF-WAY
 - TEMPORARY TRAFFIC CONTROL SIGN
 - EXPECTED LIMITS OF PROJECT
 - DELINEATORS
 - TYPE III BARRICADE

SIGN SUMMARY		
TYPE	DESCRIPTION	QUANTITY
G20-2	END ROAD WORK	2
R9-10	SIDEWALK CLOSED USE OTHER SIDE	1
W20-1	ROAD WORK AHEAD	2
	DELINEATORS	10
	TYPE III BARRICADE	1

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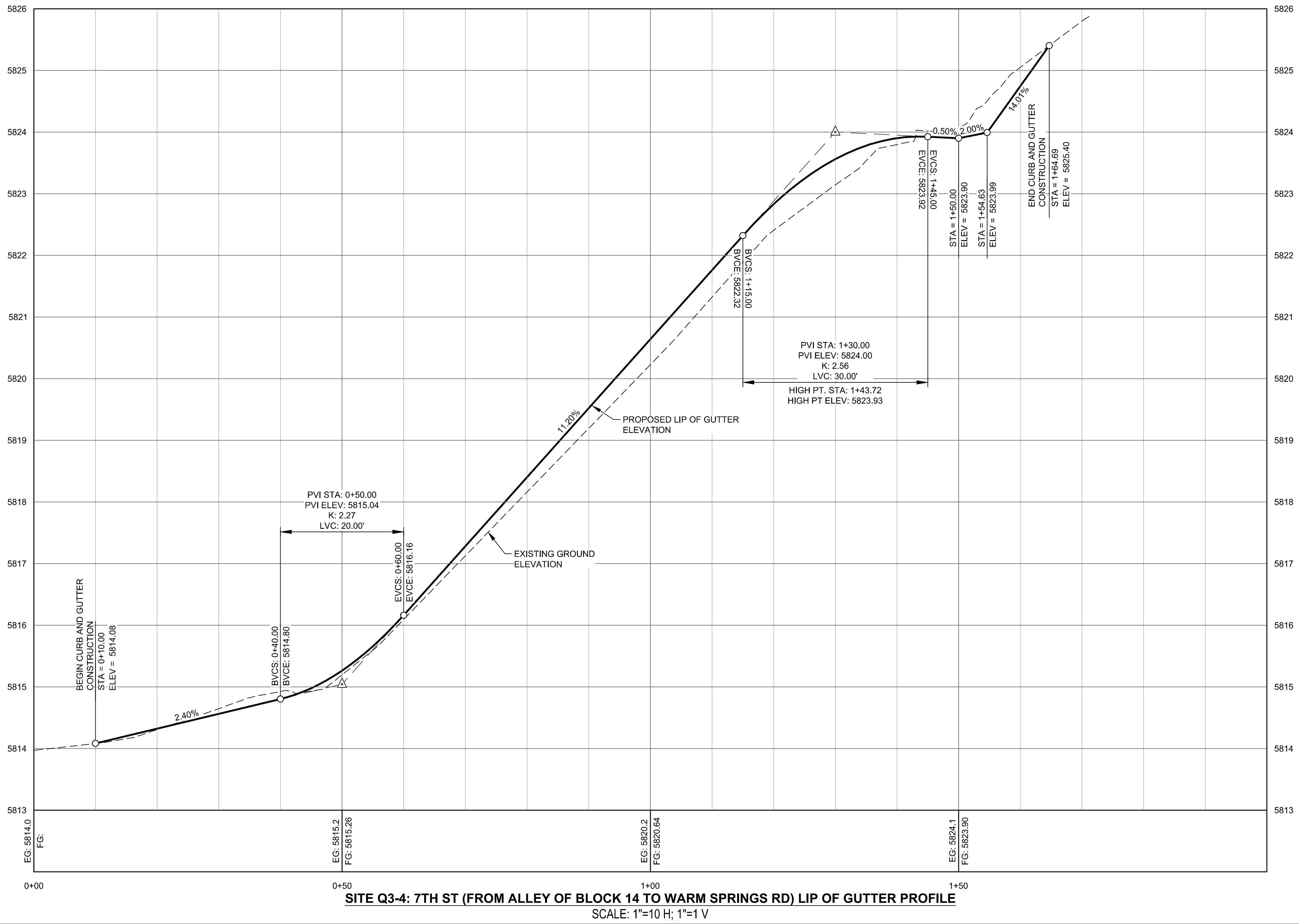
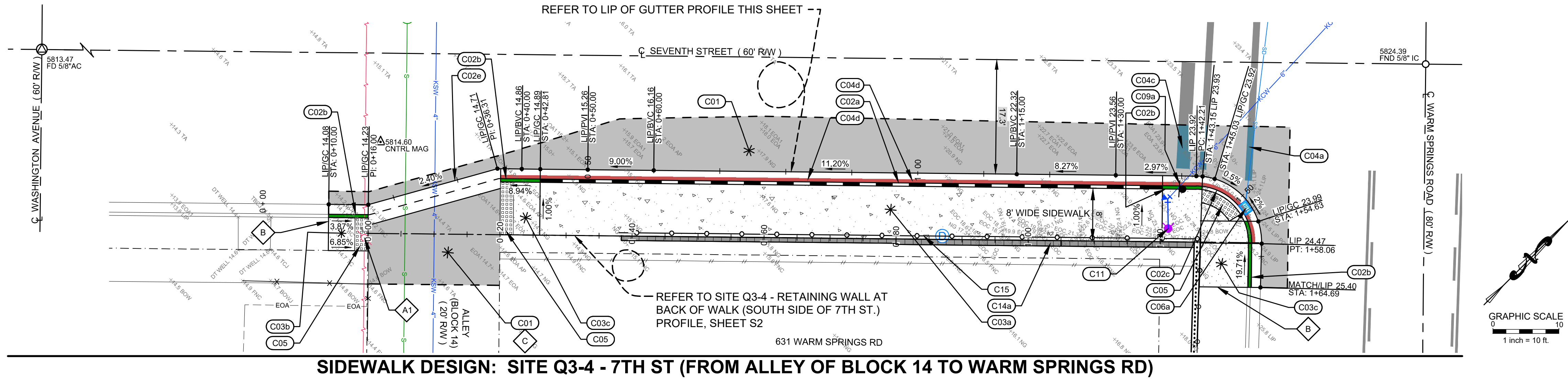
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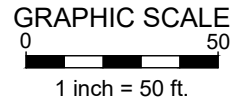
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TRAFFIC CONTROL AND DEMOLITION PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q3-4
7TH ST (FROM ALLEY OF BLOCK 14 TO WARM SPRINGS RD)

PROJECT INFORMATION
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	PROPERTY LINE
	CENTERLINE OF RIGHT-OF-WAY
	TEMPORARY TRAFFIC CONTROL SIGN
	EXPECTED LIMITS OF PROJECT
	DELINEATORS
	TYPE III BARRICADE

SIGN SUMMARY		
TYPE	DESCRIPTION	QUANTITY
G20-2	END ROAD WORK	5
R9-10	SIDEWALK CLOSED USE OTHER SIDE	2
R9-11	SIDEWALK CLOSED AHEAD CROSS HERE	2
W20-1	ROAD WORK AHEAD	6
	DELINEATORS	31
	TYPE III BARRICADE	2

1. ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT MUTCD. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE NUMBER OF BARRICADES, SIGNS, AND MANPOWER TO PREVENT ALL PUBLIC ACCESS TO THE CONSTRUCTION AREA.
2. THE CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN ALL TRAFFIC CONTROL DEVICES AS REQUIRED BY THESE PROJECT DOCUMENTS. THE OVERALL EFFECTIVENESS UNDER BOTH DAY AND NIGHT CONDITIONS AND THE PLACEMENT OF THESE INSTALLATIONS SHALL BE MAINTAINED, AND ADJUSTMENTS AND CLEANING DONE TO ENSURE OPTIMUM PERFORMANCE OF THE TRAFFIC CONTROL DEVICES.
3. THE CONTRACTOR SHALL SUBMIT ANY CHANGES TO THE CONTROL PLAN FOR APPROVAL BY OWNER AND THE CITY ENGINEER. NO CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE IMPLEMENTED UNTIL APPROVAL OR CHANGES ARE RECEIVED IN WRITING.
4. THE CONTRACTOR SHALL COVER EXISTING TRAFFIC CONTROL SIGNS IN CONSTRUCTION ZONE.
5. THE CONTRACTOR SHALL COORDINATE CLOSURE OF DRIVEWAYS WITH OWNERS, IF NECESSARY.

NO	DATE	BY	REVISIONS
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Q3-6.0

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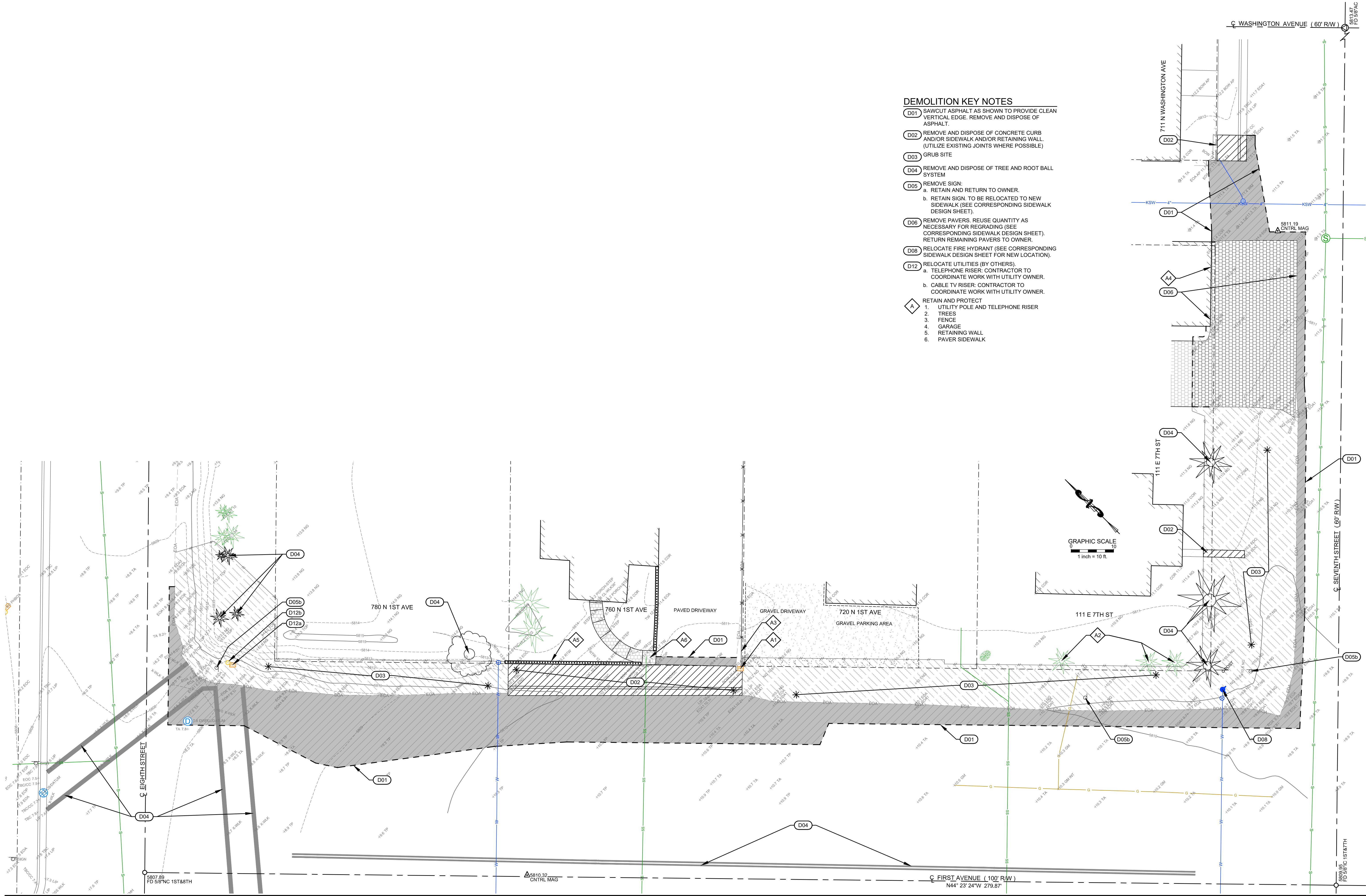
TRAFFIC CONTROL PLAN

KETCHUM 2020 SIDEWALK INFILL - SITE Q3-6
EAST SIDE OF 1ST AVE. (FROM 8TH ST. TO 7TH ST.)

PREPARED FOR CITY OF KETCHUM

PROJECT INFORMATION
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DEMOLITION KEY NOTES

- (D01) SAWCUT ASPHALT AS SHOWN TO PROVIDE CLEAN VERTICAL EDGE. REMOVE AND DISPOSE OF ASPHALT.
- (D02) REMOVE AND DISPOSE OF CONCRETE CURB AND/OR SIDEWALK AND/OR RETAINING WALL. (UTILIZE EXISTING JOINTS WHERE POSSIBLE)
- (D03) GRUB SITE
- (D04) REMOVE AND DISPOSE OF TREE AND ROOT BALL SYSTEM
- (D05) REMOVE SIGN:
a. RETAIN AND RETURN TO OWNER.
b. RETAIN SIGN. TO BE RELOCATED TO NEW SIDEWALK (SEE CORRESPONDING SIDEWALK DESIGN SHEET).
- (D06) REMOVE PAVERS. REUSE QUANTITY AS NECESSARY FOR REGRADING (SEE CORRESPONDING SIDEWALK DESIGN SHEET). RETURN REMAINING PAVERS TO OWNER.
- (D08) RELOCATE FIRE HYDRANT (SEE CORRESPONDING SIDEWALK DESIGN SHEET FOR NEW LOCATION).
- (D12) RELOCATE UTILITIES (BY OTHERS).
a. TELEPHONE RISER: CONTRACTOR TO COORDINATE WORK WITH UTILITY OWNER.
b. CABLE TV RISER: CONTRACTOR TO COORDINATE WORK WITH UTILITY OWNER.
- (A) RETAIN AND PROTECT
1. UTILITY POLE AND TELEPHONE RISER
2. TREES
3. FENCE
4. GARAGE
5. RETAINING WALL
6. PAVER SIDEWALK

DEMOLITION PLAN
KETCHUM 2020 SIDEWALK INFILL - SITE Q3-6
EAST SIDE OF 1ST AVE. (FROM 8TH ST. TO 7TH ST.)

PROJECT INFORMATION
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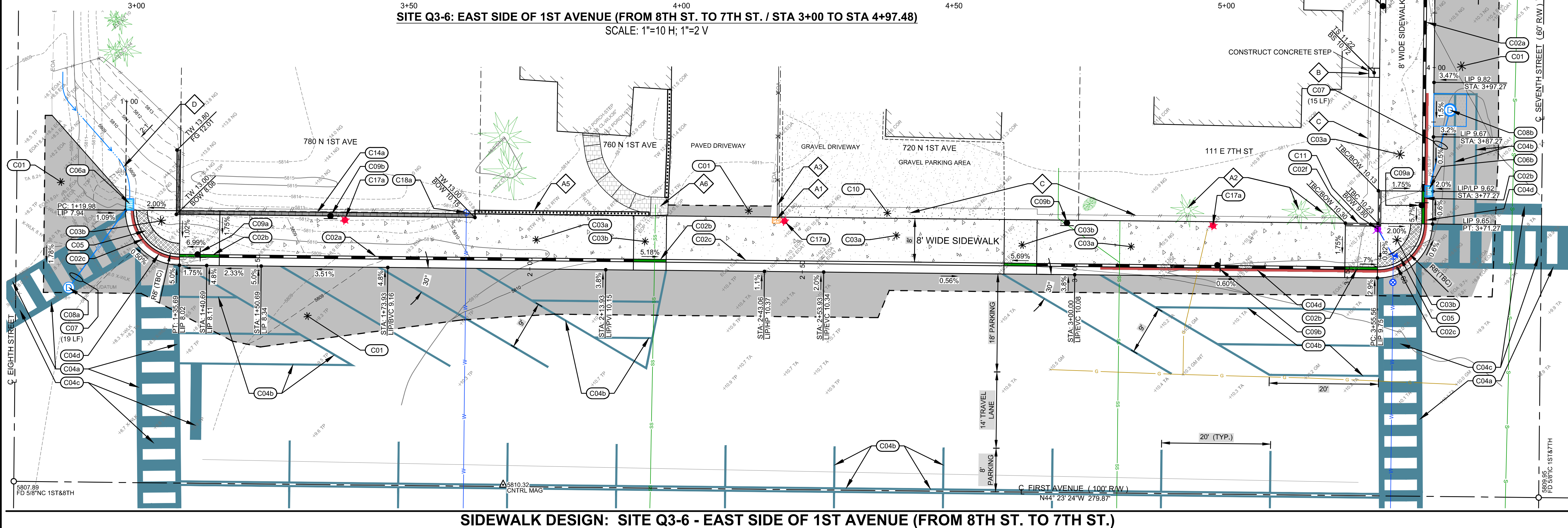
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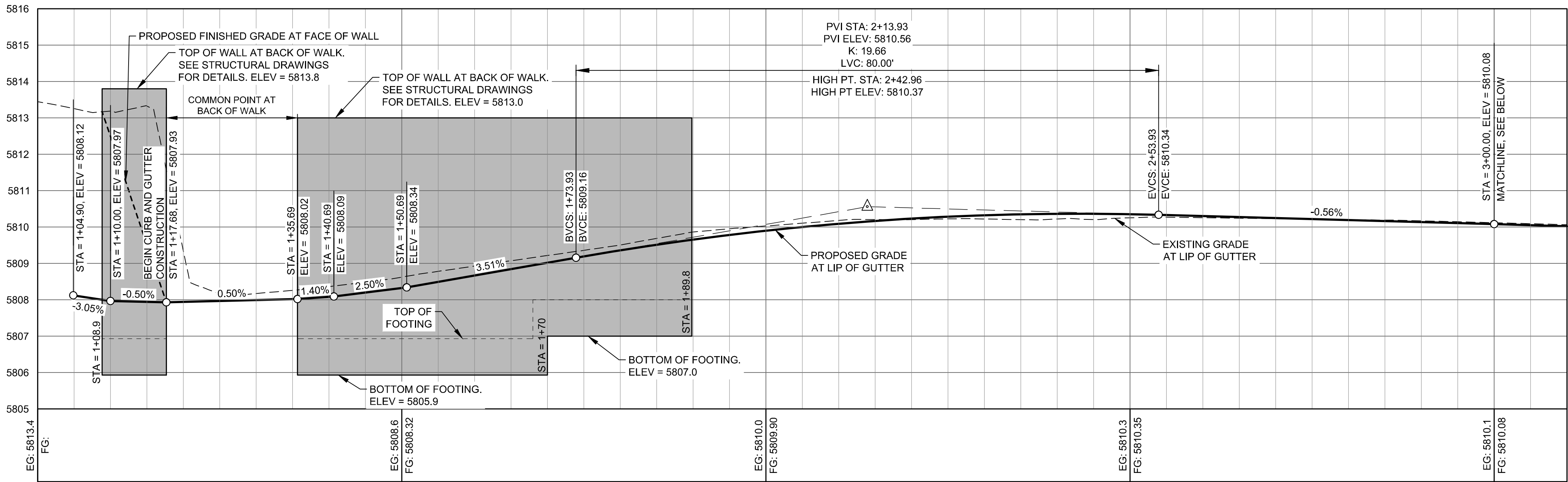
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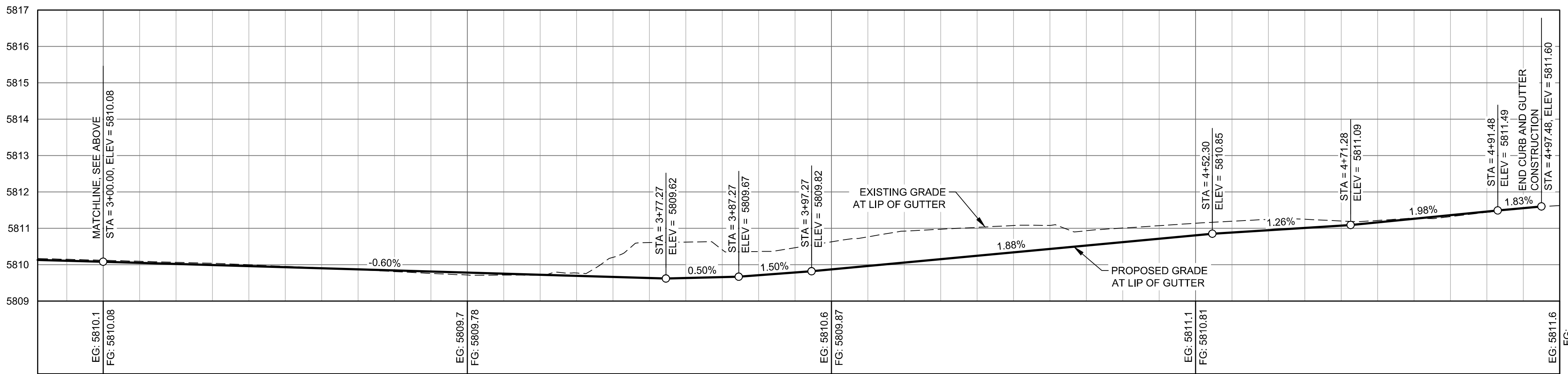
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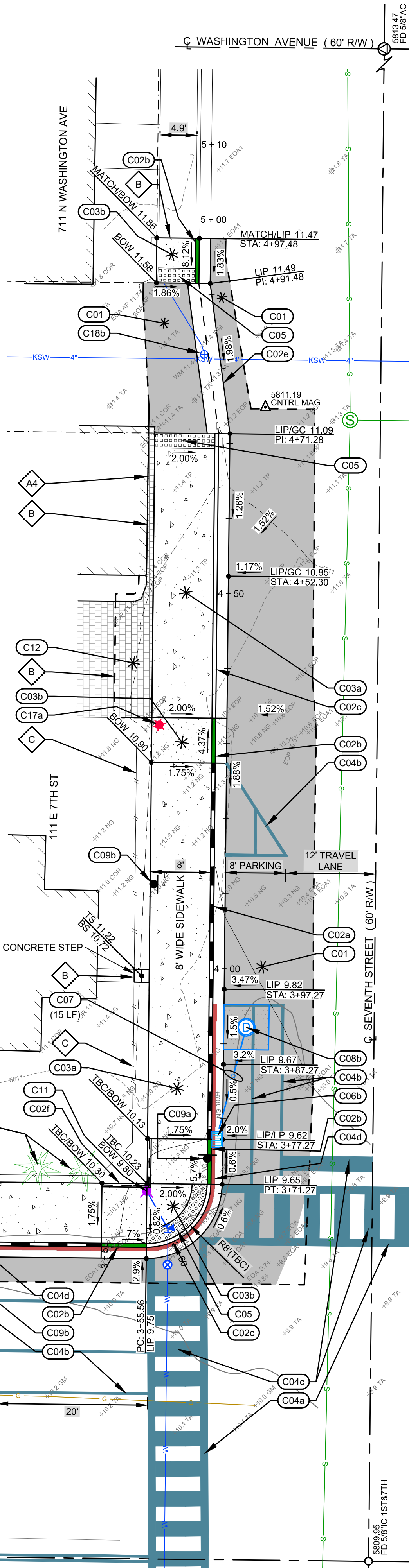
SIDEWALK DESIGN: SITE Q3-6 - EAST SIDE OF 1ST AVENUE (FROM 8TH ST. TO 7TH ST.)



SITE Q3-6: EAST SIDE OF 1ST AVENUE (FROM 8TH ST. TO 7TH ST. / STA 1+17.68 TO STA 3+00)
SCALE: 1"=10 H; 1"=2 V



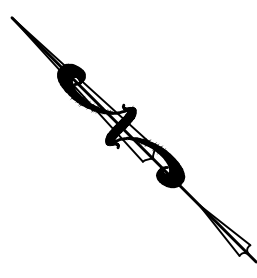
SITE Q3-6: EAST SIDE OF 1ST AVENUE (FROM 8TH ST. TO 7TH ST. / STA 3+00 TO STA 4+97.48)
SCALE: 1"=10 H; 1"=2 V



CONSTRUCTION KEY NOTES

- C01 CONSTRUCT ASPHALT ROADWAY / ASPHALT REPAIR. SEE DETAIL 1 / C0.2.
- C02 CONSTRUCT CONCRETE CURB AND GUTTER
 - a. 6" VERTICAL C&G PER DETAIL 2a / C0.2.
 - b. CURB TRANSITION PER DETAIL 2b / C0.2.
 - c. ZERO REVEAL CURB AND GUTTER PER DETAIL 2b / C0.2.
 - d. 6" ROLLED C&G PER DETAIL 2d / C0.2.
 - e. 3" WIDE CONCRETE VALLEY GUTTER PER DETAIL 2c / C0.2.
 - f. CONCRETE VERTICAL CURB PER DETAIL 2e / C0.2.
 - g. ±5' OF CURB TRANSITION (BETWEEN 6" VERTICAL C&G AND 6" ROLLED C&G).
- C03 CONSTRUCT CONCRETE SIDEWALK. WIDTH AS SHOWN HEREON. SEE DETAIL 3 / C0.2.
 - a. FLAT WORK.
 - b. ADA COMPLIANT RAMPS / LANDING.
 - c. NON - ADA COMPLIANT RAMP BECAUSE OF EXISTING GRADE.
- C04 INSTALL ROAD STRIPING / PAINT
 - a. WHITE CROSSWALK STRIPING (12" WIDE).
 - b. YELLOW ASPHALT PARKING STRIPING (4" WIDE). MATCH CITY PATTERNS.
 - c. WHITE CROSSWALK / STOP BAR STRIPING (24" WIDE).
 - d. RED "NO PARKING" STRIPING ON CURB. MATCH CITY PATTERNS.
- C05 INSTALL CITY OF KETCHUM APPROVED CAST IRON TRUNCATED DOME DETECTABLE WARNING INSERT. SEE DETAIL 6 / C0.3.
- C06 INSTALL CATCH BASIN. SEE DETAIL 6 / C0.2.
 - a. RIM = 5807.73
INV. OUT = 5804.7
 - b. RIM = 5809.42
INV. OUT = 5806.4
- C07 INSTALL 12" ADS N-12 STORM DRAIN PIPE WITH A MINIMUM SLOPE OF 2.0%. SEE DETAIL 2 / C0.3 FOR POTABLE AND NON-POTABLE WATER LINE SEPARATION AND DETAIL 1 / C0.3 FOR TRENCHING.
- C08 DRYWELL. SEE DETAIL 9 / C0.2.
 - a. CONNECT TO EXISTING DRYWELL
RIM = 5807.7
INV. IN = 5804.3
 - b. CONSTRUCT NEW DRYWELL
RIM = 5809.88
INV. IN = 5806.1
- C09 SIGNS:
 - a. INSTALL STOP / STREET SIGN. USE PREVIOUSLY REMOVED SIGN. COORDINATE FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
 - b. INSTALL REGULATORY SIGN. COORDINATE TYPE AND FINAL LOCATION WITH CITY OF KETCHUM. SEE DETAIL 4 / C0.3 FOR SIGN BASE DETAIL.
- C10 CONSTRUCT GRAVEL DRIVEWAY / PARKING AREA IMPROVEMENTS. REGRADE AREA TO PROVIDE FOR A SMOOTH TRANSITION. SEE DETAIL 4 / C0.2.
- C11 RELOCATE EXISTING FIRE HYDRANT AND GATE VALVE. (SEE DEMOLITION PLAN FOR EXISTING LOCATION)
 - INSTALL 6" 90° D.I. BEND
W/ THRUST BLOCK
±7' L.F. OF 6" PVC WATER MAIN.
- C12 INSTALL PAVER PATIO / SIDEWALK. USE PAVERS FROM CORRESPONDING DEMOLITION PLAN SHEET AND/OR MATCH EXISTING STYLE AND PATTERN. SEE DETAIL 5 / C0.2.
- C14 CONSTRUCT RETAINING WALL.
 - a. POUR IN-PLACE CONCRETE RETAINING WALL. REFER TO STRUCTURAL DRAWINGS.
- C17 STREET LIGHTS
 - a. INSTALL STREET LIGHT: SOLAR (OFF-GRID) SEE DETAIL 5 / C0.3 FOR DETAILS.
- C18 RELOCATE GATE VALVE:
 - a. RELOCATE GATE VALVE OUT OF RETAINING WALL. COORDINATE WORK AND NEW LOCATION OF VALVE WITH CITY OF KETCHUM WATER DEPARTMENT.
 - b. RELOCATE GATE VALVE OUT OF VALLEY GUTTER. COORDINATE WORK WITH CITY OF KETCHUM WATER DEPARTMENT.
- A RETAIN AND PROTECT
 - 1. UTILITY POLE AND TELEPHONE RISER
 - 2. TREES
 - 3. FENCE
 - 4. GARAGE
 - 5. RETAINING WALL
 - 6. PAVER SIDEWALK
- B MATCH EXISTING LINES AND GRADES
- C REGRADE AREA TO PROVIDE FOR A SMOOTH TRANSITION. REPAIR IRRIGATION AND LANDSCAPING AS NECESSARY.
- D REGRADE BORROW DITCH TO FLOW INTO CATCH BASIN.

GENERAL NOTE:
1. NOT ALL KEY NOTES MAY BE USED.



GRAPHIC SCALE
0 10
1 inch = 10 ft.

SITE IMPROVEMENT PLAN

KETCHUM 2020 SIDEWALK INFILL - SITE Q3-6
EAST SIDE OF 1ST AVE. (FROM 8TH ST. TO 7TH ST.)

PREPARED FOR CITY OF KETCHUM

PROJECT INFORMATION
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PRELIMINARY
NOT FOR
CONSTRUCTION

CT/JCL
DESIGNED BY
CT
DRAWN BY
JCL
CHECKED BY

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(208) 768-1705
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PURPOSE: ISSUE FOR REVIEW		REVISIONS	
NO.	DATE	BY	