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CITY OF SPOKANE STANDARD PLANS – SECTION A

X-###	=	Revised Standard Plan
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***X-### = New Standard Plan

<u>Plan No.</u>	<u>Plan Title</u>	Current Plan Date
A-1	Utility Trench Backfill – Pipe Zone (previously B-18C)	4/25
A-2	Utility Trench Backfill - Above Pipe Zone (previously B-18D)	4/12
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A-7	Underground Utility Location for New Developments (previously	<i>wW-113</i>)4/24
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A-10	Cut-Off Wall (previously B-19)	1/17
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A-15	Bike Rack Spacing	4/23
A-16	Bike Hitch	4/23





NOTES:

- 1. REPLACE HOT MIX ASPHALT (HMA) PAVEMENT & CRUSHED BASE PER STD PLANS W-108 & W-109.
- 2. SEE CITY OF SPOKANE (COS) PAVEMENT CUT POLICY IN THE COS DESIGN STDS, APPENDIX 'F' FOR ADD'NL REQ'MTS.
- 3. WATER LINES REQUIRE 6" MINUS MAT'L FOR THE ENTIRE BACKFILL. 12" MINUS MAT'L MAY BE USED FOR OTHER UTILITIES.
- 4. COMPACTION ABOVE THE PIPE ZONE SHALL BE MEASURED PER SEC 2-03.3(14)D. FOR ROADWAY & TRAVELED AREAS COMPACT TOP 2-FT IN 4" MAX LIFTS. COMPACT BELOW TOP 2-FT TO TOP OF PIPE ZONE IN 8" MAX LIFTS. FOR NON-TRAVELED AREAS COMPACT IN 8" MAX. LIFTS. ENGINEER MAY WAIVER THE 92% COMPACTION TO A LESSER VALUE FOR GRASS SWALES OR OTHER PLANTING AREAS.
- 5. FOR DEVIATION FROM LIFT THICKNESS, SEE SEC 7-08.3(3) FOR SEWER/STORM & SEC 7-09.3(11) FOR WATER UTILITIES.
- 6. TRENCH EXCAVATION MATERIALS SHALL BE USED FOR BACKFILL IF MATERIALS MEET GRADUATION REQ'MTS ABOVE. IMPORTED BACKFILL SHALL MEET THE REQ'MTS OF SEC 9-03.14(1), GRAVEL BORROW.
- 7. CONTROLLED DENSITY FILL (CDF) PER SEC 2-09.3(1)E, MAY BE USED IN LIEU OF NATIVE BACKFILL WHERE IT IS NOT PRACTICAL TO COMPACT BACKFILL TO THE REQ'D DENSITY. SUCH USE SHALL BE PRE-APPROVED BY THE ENGINEER. SEE STD PLAN A-3 FOR CDF BACKFILL REQ'MTS.

APPROVED BY	ADOPTED: <u>2/1990</u> REVISED: <u>09/2010</u> SUPERSEDES: 01/2008	UTILITY TRENCH BACKFII ABOVE PIPE ZONE	UTILITY TRENCH BACKFILL ABOVE PIPE ZONE	
DIRECTOR, ENGINEERING SERVICES P. MIKE TAYLOR, P.E.	CHECKED BY: JAG SCALE: NTS DWG/REV. BY: SRM/MBM	ENGINEERING SERVICES CITY OF SPOKANE, WASHINGTON	STANDARD PLAN No. A-2	



NOTES:

- 1. REPLACE HOT MIX ASPHALT (HMA) OR CONCRETE PAVEMENT PER CITY STANDARD PLANS W-102, W-108, & W-109.
- 2. SEE CITY OF SPOKANE (COS) PAVEMENT CUT POLICY IN THE COS DESIGN STANDARDS, APPENDIX 'F' FOR ADDITIONAL REQUIREMENTS.
- 3. BEDDING MATERIAL PER SEC 7-08.3(1)C MAY BE USED AS AN ALTERNATIVE TO CDF & CAPPED W/ CDF TO SERVE AS A LOCATION MARKER FOR THE UTILITY.
- 4. 30# TAR PAPER SHALL BE PLACED THE FULL LENGTH AND WIDTH OF A UTILITY TRENCH WHEN THE UTILITY IS ENCASED IN CDF OR CONCRETE AND THE REMAINDER OF THE TRENCH IS BACKFILLED WITH CDF OR CONCRETE.

APPROVED BY	ADOPTED:	04/2004				
	REVISED:	01/2017	UTILITY TRENCH BACKFILL REQUIREMENTS USING CDF OR CONCRETE			
	SUPERSEDES:	04/2012				
ENGINEERING OPERATIONS MANAGER KYLE, TWOHIG	CHECKED BY:	JAG	SPOKANE		STANDARD	
	SCALE:	NTS		ENGINEERING SERVICES	PLAN No.	
CITY ENGINEER DANIEL ALBERT BULLER, P.E.	DWG/REV. BY:	TSS/MLD	193333	CITY OF SPOKANE, WASHINGTON	A-3	











CHTY ENGINEER



DWG/REV. BY: TSS/MDH

DAN BULLER, P.E.

CITY OF SPOKANE, WASHINGTON









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