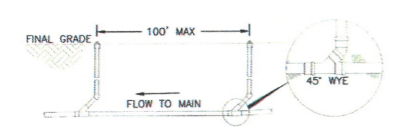
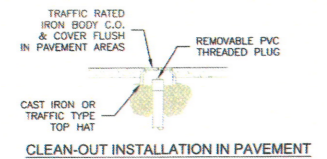


TWO-WAY CLEAN-OUT INSTALLATION



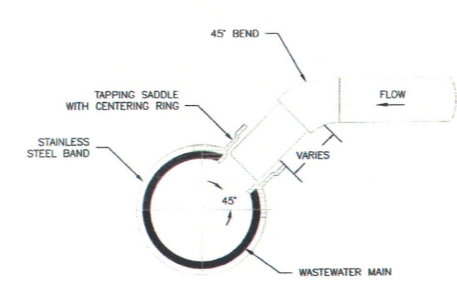
SINGLE CLEAN-OUT INSTALLATION



CLEAN-OUT INSTALLATION IN PAVEMENT

- NOTES:
- SINGLE CLEAN-OUT TO BE PLACED AT 100' INTERVALS, TWO-WAY CLEAN-OUTS AT 200' INTERVALS (100' EACH WAY CLEANING).
 - TRACER WIRE TO BE CONTINUOUSLY CONNECTED FROM THE MAIN LINE TO THE CLEAN-OUT LOCATED AT THE BUILDING.

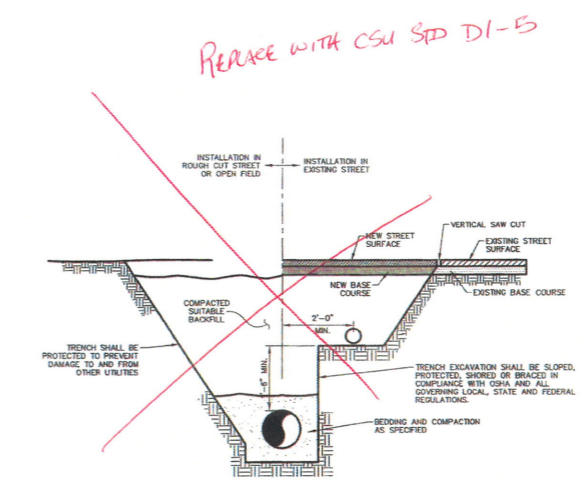
	TYPICAL WASTEWATER SERVICE LINE WITH TRACER WIRE AND CLEAN-OUTS	D1-4
<small>DATE: 5/1/2016</small>		



TYPICAL WASTEWATER SERVICE TAPPING SADDLE

- NOTES:
- WHEN THE WASTEWATER MAIN IS VCP, USE THE SDR 35 PVC SADDLE WITH A LARGER SKIRT. SADDLE SHALL BE ONE NOMINAL SIZE LARGER THAN THE WASTEWATER MAIN.
 - PIPE WILL BE CUT WITH AN O.D. HOLE SAW OR TAPPING MACHINE. A 4-1/2" O.D. HOLE SAW SHALL BE USED FOR 4" TAPS AND A 6-1/2" O.D. HOLE SAW SHALL BE USED FOR 6" TAPS.
 - ONLY 4" AND 6" TAP SIZES ARE ALLOWED.
 - WASTEWATER TAPPING SADDLES SHALL HAVE A CENTERING RING.
 - A GASKET SHALL BE USED TO ENSURE AN AIRTIGHT SEAL BETWEEN THE SADDLE AND THE PIPE.

	TYPICAL WASTEWATER SERVICE LINE TAPPING METHOD	D1-6
<small>DATE: 5/1/2016</small>		



- SPECIFIC CASE-BY-CASE APPROVAL BY THE DISTRICT SHALL BE REQUIRED PRIOR TO INSTALLATION OF WATER AND SEWER SERVICES IN A COMMON TRENCH.
- USE OF COMMON TRENCH FOR WATER AND SEWER SERVICES SHALL NOT BE PERMITTED IN PUBLIC RIGHT-OF-WAY AND BETWEEN THE WATER CORPORATION STOP AND CURB STOP.
- ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND ANY OTHER APPLICABLE CODE OR REGULATION.

	TYPICAL SERVICE LINE TRENCH-COMMON DITCH FOR WATER OR SEWER			
	CHEROKEE METROPOLITAN DISTRICT	DRAWN: TJM	REVISIONS:	W-38A
	DATE: MAY 2017	REVISIONS:		
	SCALE: NONE	REVISIONS:		



ENGINEER'S STATEMENT
 PREPARED UNDER MY DIRECT SUPERVISION AND ON BEHALF OF JR ENGINEERING

GLENN D. ELLIS, P.E.
 COLORADO P.E. 38861
 FOR AND ON BEHALF OF JR ENGINEERING, LLC

DATE

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE ENGINEERING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION. PREPARED FOR MDC HOLDINGS RICHMOND AMERICAN HOMES 4350 S. MONACO STREET DENVER, CO 80237 ATTN: JASON POCK 720-977-3827	J.R. ENGINEERING A Western Company Centennial 303-740-8666 • Colorado Springs 719-589-2688 Fort Collins 970-491-8888 • www.jrengineering.com	BY	DATE	No.	REVISION	H-SCALE	V-SCALE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY
URBAN COLLECTION AT PALMER VILLAGE DETAILS WASTEWATER CONSTRUCTION PLAN											
SHEET 8 OF 8 JOB NO. 25149.01											