

TYPE 1 OFFSET – PLAN

NOTE:

FOR PVC WATER MAIN CONSTRUCTION ONLY– SEE NOTES 9, 10 AND 11 ON SHEET 4.

WATER MAIN OFFSET / SIPHON

CITY OF MONTEREY PARK

PUBLIC WORKS DEPARTMENT / WATER DIVISION

STANDARD NO.

W-170

DRAWN	BY AM	DATE 10/02/24
REVISED	DZ	10/02/24
CHANGED	XX	XX/XX/XX

APPROVED
WATER UTILITY MANAGER

[Signature]

DATE

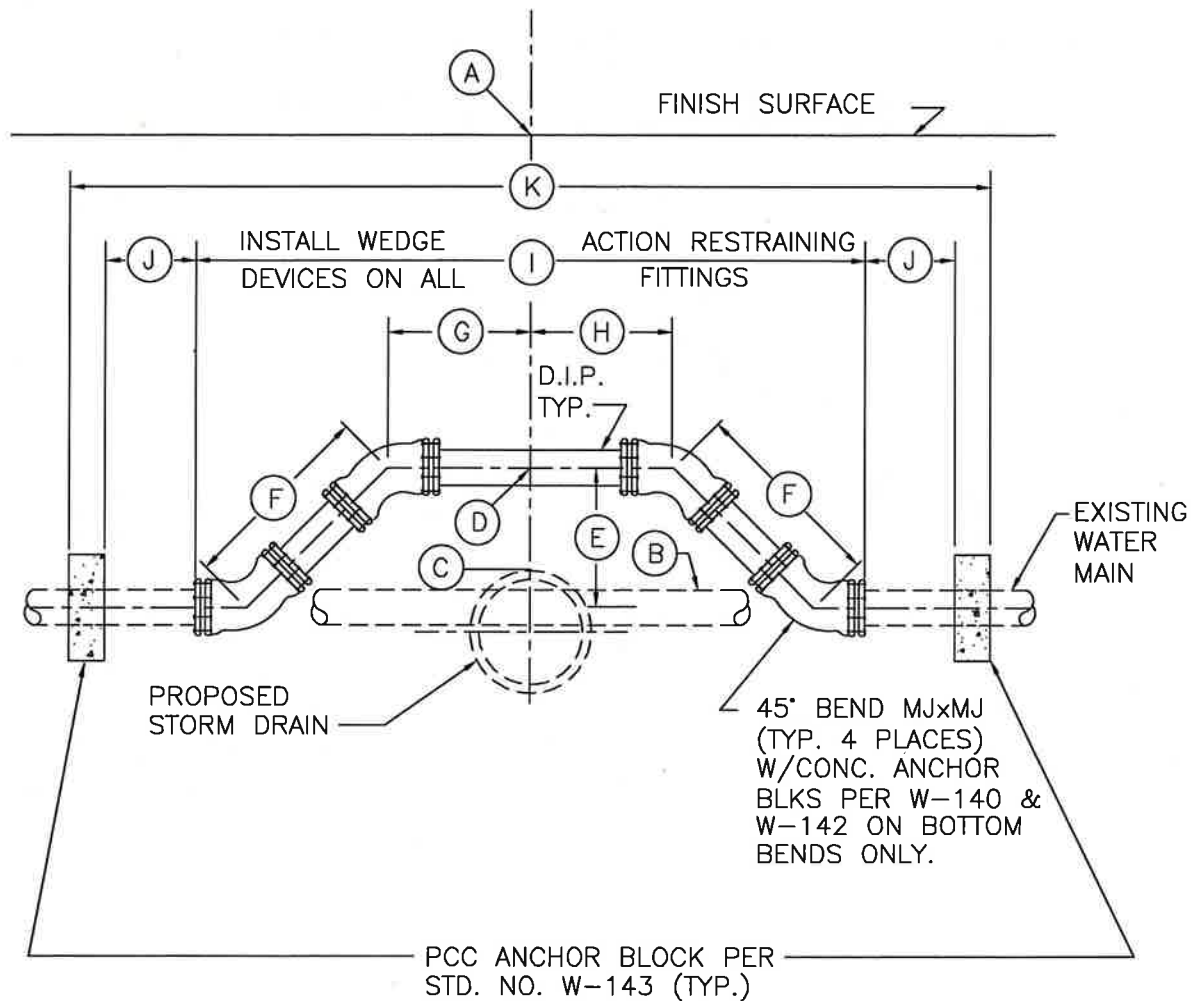
12/10/24

APPROVED
CITY ENGINEER

DATE

12/11/24

SHEET 1 OF 4



TYPE 2 SIPHON - ELEV.

NOTE:

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WATER MAIN OFFSET / SIPHON

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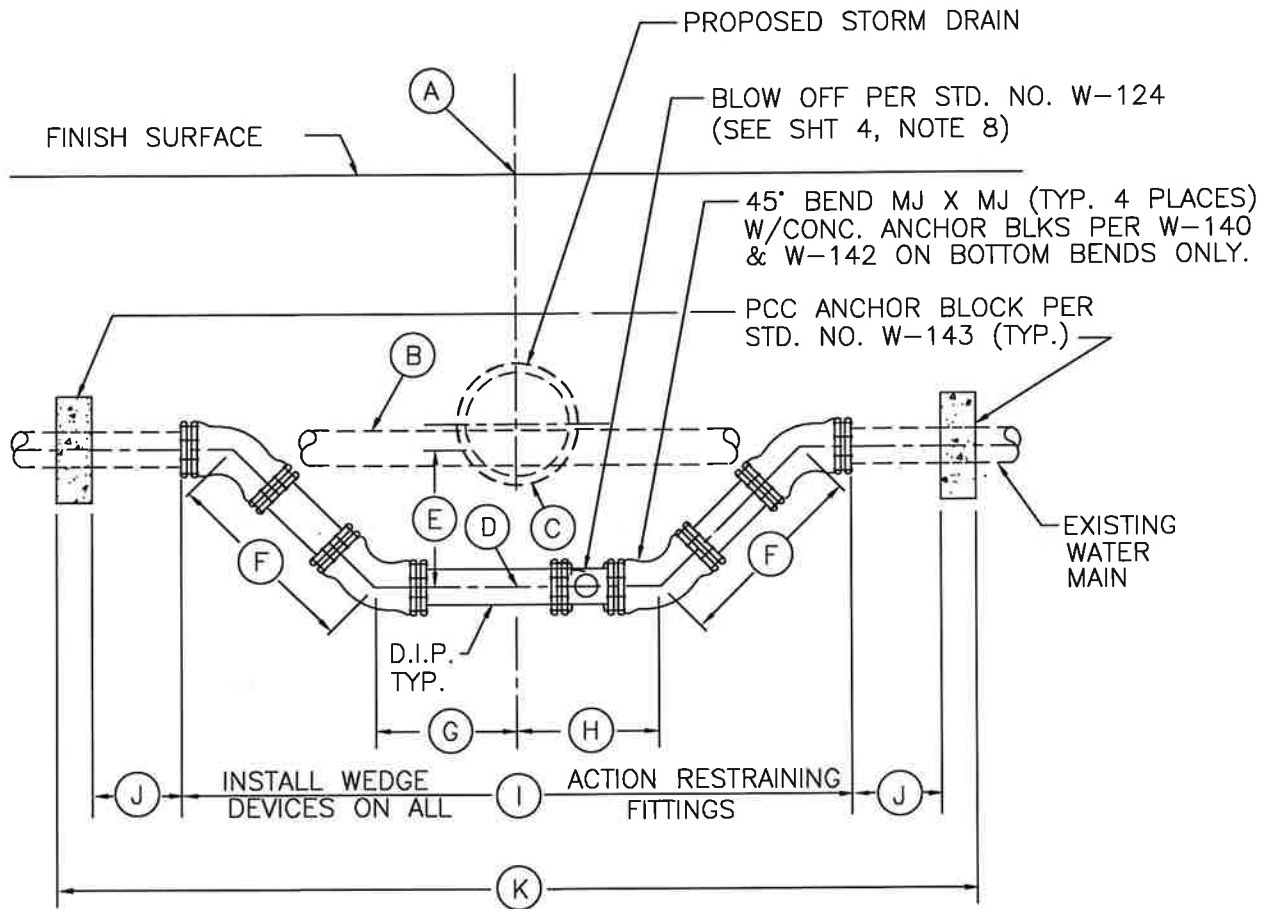
12/10/24

APPROVED
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SHEET 2 OF 4



TYPE 3 SIPHON - ELEV.

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SHEET 3 OF 4

DIMENSIONS

Siphon No.	LOCATION/REMARKS	S.D. Station	Prop. S.D. size	Water Main Size & Type (EX.)	Siphon Type	Exist. Fin. Sur. Elev.	Exist. Top of Wtr. Pipe	Top/BTM Elev. S.D.	Water Siphon Sta.	Water Main Offset	Length Pipe & Fit'g	Length Pipe & Fit'g	Length Pipe & Fit'g	Length Pipe & Fit'g Offset	Length Tie Rod to Anc. Blk.	Total length Offset
						(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)

NOTES

1. THIS STANDARD TO BE USED ONLY WHERE APPROVED BY UTILITY. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MONTEREY PARK WATER UTILITY STANDARD PLANS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL NOTIFY THE CITY IF MONTEREY PARK WATER UTILITY INSPECTOR TWO (2) WEEKS PRIOR TO BEGINNING OF THE CONSTRUCTION TO ARRANGE FOR INSPECTION. PHONE (626)705-7276.
3. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF THE EXISTING CAST IRON PIPE (C.I.P), ASBESTOS-CEMENT PIPE (A.C.P) OR DUCTILE IRON PIPE (D.I.P) WATER MAIN PRIOR TO CONSTRUCTION OF THE OFFSET / SIPHON.
4. THE CONTRACTOR SHALL COORDINATE W/ THE WATER INSPECTOR FOR NOTIFICATION OF ALL WATER CUSTOMERS A MINIMUM OF FOUR (4) WORKING DAYS PRIOR TO SERVICE INTERRUPTION.
5. CONTRACTOR IS NOT PERMITTED TO TURN (OR EXERCISE) WATER VALVES. THE CONTRACTOR SHALL CONTRACT THE CITY OF MONTEREY PARK WATER UTILITY INSPECTOR AT (626)705-7276. A MINIMUM OF ONE (1) WORKING DAYS PRIOR TO REQUIRING VALVE SHUT DOWN AT EACH LOCATION.
6. THE CITY OF MONTEREY PARK WATER SERVICES CANNOT GUARANTEE A COMPLETE SHUT DOWN OF EXISTING MAIN. THE UTILITY WILL ATTEMPT TO SHUT DOWN MAINS AS COMPLETELY AS POSSIBLE: HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND ISOLATION OF CONSTRUCTION FOR TESTING PURPOSES.
7. IF EXISTING MAIN IS A.C.P CONNECT D.I.P TO THE EXISTING A.C.P USING AN APPROVED SLEEVE TYPE COUPLING IN ACCORDANCE WITH THE SPECIFICATION. DO NOT TIE TO A.C.P. WITH RESTRAINING GLANDS.
8. BLOW-OFF ASSEMBLY SHALL BE INSTALLED ONLY IF APPROVED BY WATER ENGINEERING AND SPECIFICALLY CALLED FOR ON THE PROJECT PLANS.
9. PVC WATER MAIN CONSTRUCTION SHALL BE PER SECTION 2-02.
10. PVC PIPE SHALL BE AWWA C900, CLASS 305 (DR14), P.E.XP.E. (SEE NOTE 9)
11. MECHANICAL JOINT RESTRAINT FOR PVC PIPE SHALL BE 2000PV RESTRAINT BY EBBA IRON OR EQUAL AS PER SPECIFICATION SECTION 2-12.01 FOR PVC.

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REVISED	DZ	10/02/24			
CHANGED	XX	XX/XX/XX	APPROVED	<i>[Signature]</i>	DATE 12/11/24
			CITY ENGINEER		

SHEET 4 OF 4