

CONTRACTOR'S SUBMITTAL TRANSMITTAL

5ND LANTDIV 4-4355/3 (Rev. 6/76)

*File 40/8
D2*

CONTRACT NO. 81-C-1766	TRANSMITTAL NO. 36B	DATE Dec. 14, 83
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FROM CONTRACTOR TRADER CONSTRUCTION	PROJECT TITLE AND LOCATION Public Works & Helipad
TO Lockwood Greene/Six Associates	MCB Camp Lejeune, N.C.

<p align="center">CONTRACTOR USE ONLY</p> <p align="center"><i>*List only one specification division per form.</i></p> <p align="center"><i>List only one of the following categories on each transmittal form, and indicate which is being submitted</i></p> <p> <input checked="" type="checkbox"/> Contractor Approved <input type="checkbox"/> OICC Approval <input type="checkbox"/> Deviation/Substitution For OICC Approval </p>	<p align="center">REVIEWER USE ONLY</p> <p align="center">**ACTION CODES</p> <p> A-Approved D-Disapproved AN-Approved as noted RA-Receipt acknowledged. C-Comments R-Resubmit </p>
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ITEM NO.	PROJ. SPEC. SECT. & PARA. and/or PROJ. DWG. NO.	ITEM IDENTIFICATION (Type, size, model no., Mfg. name, dwg. or brochure number)	NO. OF COPIES	ACTION CODES **	REVIEWER'S INITIALS CODE AND DATE
116	02713/3.1	Exterior Water Distribution			
		Murdock Hydrants, compression type	7	A	CCM 12-20-83
		NO. NF.8 Non-removable with drain	7	A	CCM 12-20-83

CONTRACTOR'S COMMENTS

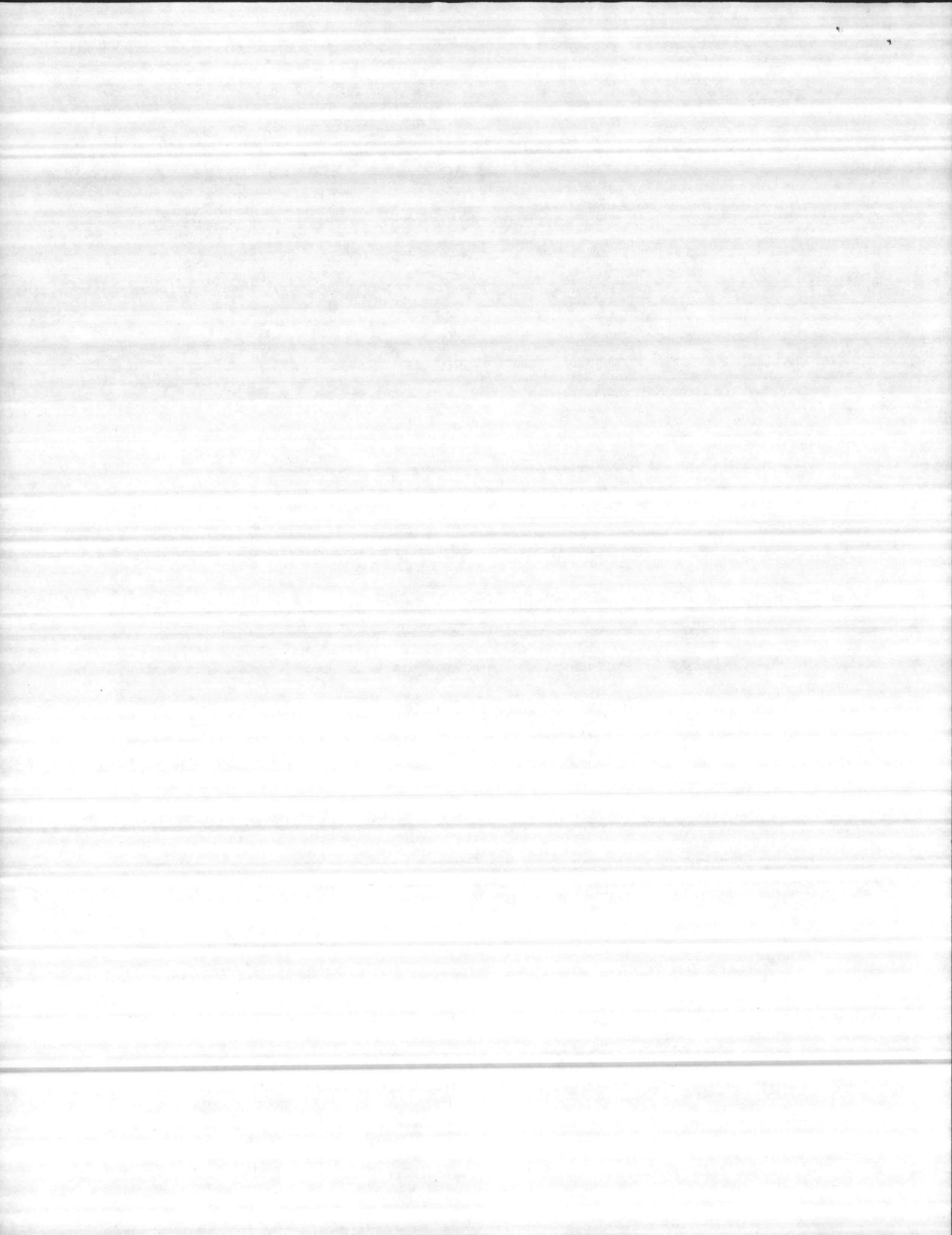
COPY OF TRANSMITTAL AND SUBMITTALS TO ROICC ROICC, CAMP LEJEUNE, N.C.		CONTRACTOR REPRESENTATIVE (Signature) <i>Ms. Dale Stallings</i>	
DATE RECEIVED BY REVIEWER 12/20/83	FROM (Reviewer) Six Associates, Inc.	TO Trader Construction Co.	

- Submittals are returned with action indicated. Approval of an item does not include approval of any deviation from the contract requirements unless the contractor calls attention to and supports the deviation.
- Submittals are forwarded to LANTDIV with A-E recommendations indicated in REVIEWER USE ONLY Section and in comments below on ONE COPY of the transmittal form.

REVIEWER'S COMMENTS

RECEIVED
 ROICC
 LANTDIV
 JAN 9 1 28 PM '84
Copied to Field 2-2-84

COPIES TO: ROICC (2) ✓ LANTDIV (1) A-E (1)	DATE <i>1/6/84</i> 12-20-83	SIGNATURE <i>Clay Rooney</i>
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MURDOCK, INC.

2488 RIVER RD., CINCINNATI, OHIO 45204

Phone (513) 471-7700

AUG 1 1983

Over 100 Years of Service

LETTER OF CERTIFICATION

Humphrey Htg. & Roofing, Inc.
P. O. Box 1268
Jacksonville, N.C. 28540

Attn: Brian Cox

Dear Sir:

"It is hereby certified that the (material) shown and marked in this submittal is that proposed to be incorporated into Contract No. 81-C-1766 is in compliance with the Contract drawings and specifications, and is submitted for Government approval.

Certified by Jue

Date 1 NOV 83

In reponse to a request from David Meter & Supply, we hereby certify that the M-75 3/4" Compression Hydrant will be furnished for the Public Works Building, Camp LeJeune, North Carolina according to enclosed blueprint and specification sheet.

Yours truly,

MURDOCK, INC.

Virginia L. Welsh

Virginia L. Welsh,
Mfg. Dept. Supv.

VLW:me
Enclosures (2)

ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NOFOLK, VIRGINIA 23511

APPROVED
APPROVED AS NOTED _____
DISAPPROVED _____

SUBJECT TO THE REQUIREMENTS OF
CONTRACT NO. 81-C-1766

APPROVAL OF A SUBMITTAL DOES NOT INCLUDE APPROVAL OF ANY DEVIATIONS FROM THE CONTRACT REQUIREMENTS UNLESS THE CONTRACTOR CALLS ATTENTION TO THEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROPER PHYSICAL DIMENSIONS & WEIGHTS, COORDINATION OF TRADES, ETC., AS REQUIRED.

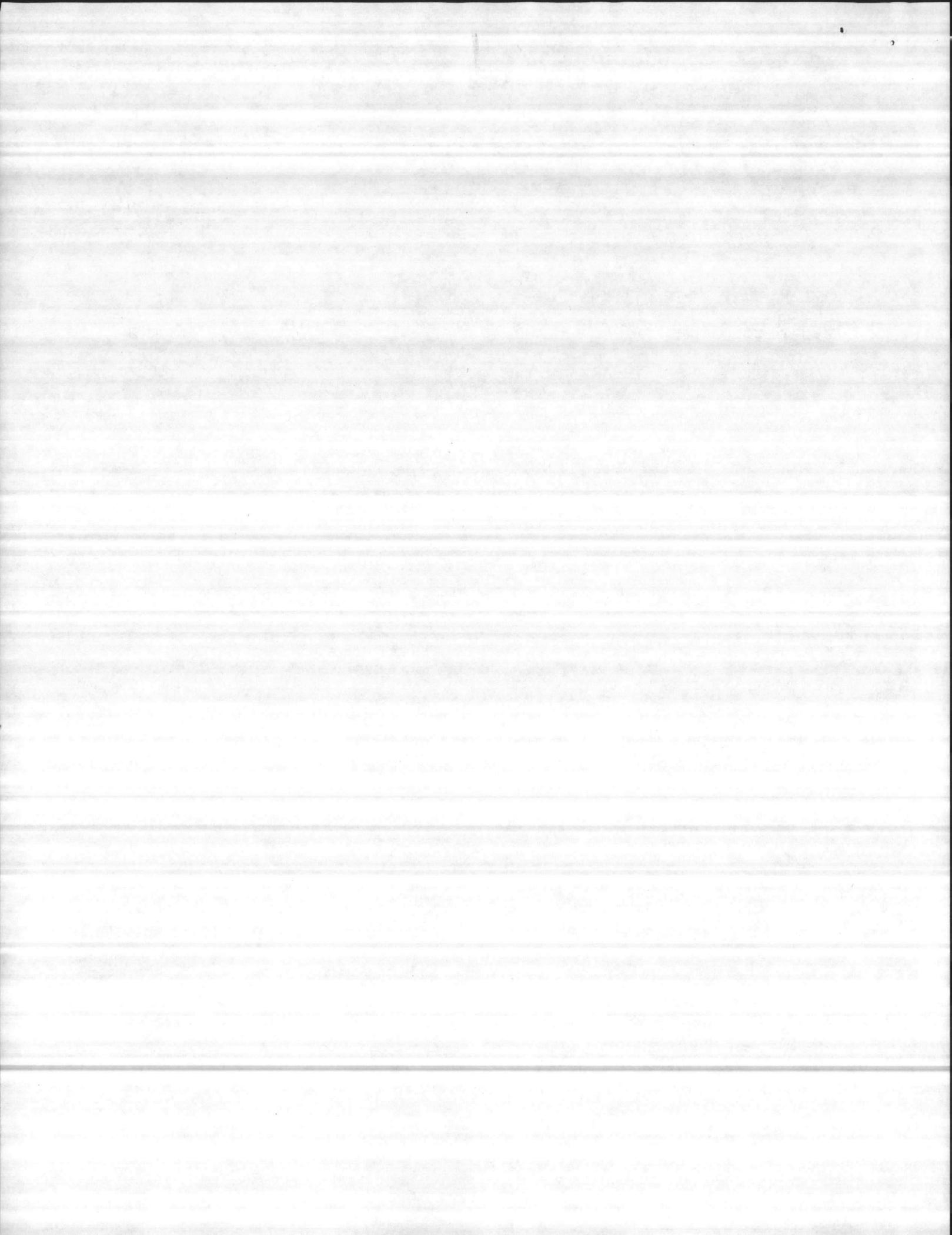
REVIEWER Clay Moorey DATE 12-20-83

FOR OFFICER IN CHARGE OF CONSTRUCTION PRODUCTS ARE NATIONALLY ADVERTISED

APPROVED SUBJECT TO APPROVAL BY ARCHITECT.
SUB-CONTRACTOR AND/OR SUPPLIER WILL BE
RESPONSIBLE FOR ALL DIMENSIONS AND QUANTITIES

HUMPHREY'S HEATING & ROOFING
2423 N. MARINE BLVD.
JACKSONVILLE, N. C.

DATE 12-9-83 BY BMC





"It is hereby certified that the equipment shown and marked in this submittal is that proposed to be incorporated into

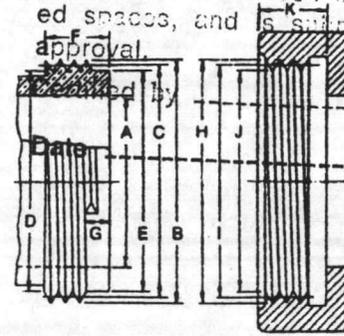
National Standard Hose Coupling Thread Specifications

All dimensional data and tolerances are in accord with ANSI B26.

	2½	3	3½	4	4½
A. Nominal inside diameter, inches	2½	3	3½	4	4½
Number of threads per inch	7½	6	6	4	4
B. Major diameter nozzle thread	Max. 3.0686	3.6239	4.2439	5.0109	5.7609
	Min. 3.0366	3.5879	4.2079	4.9609	5.7109
C. Pitch diameter nozzle thread	Max. 2.9820	3.5156	4.1356	4.8485	5.5985
	Min. 2.9660	3.4976	4.1176	4.8235	5.5735
D. Minor diameter nozzle thread	Max. 2.8954	3.4073	4.0273	4.6861	5.4361
E. Diameter pilot nozzle	2.850	3.354	3.973	4.610	5.357
F. Length of thread — nozzle, inches	1	1½	1½	1½	1½
G. Face to start of second turn, inches	¼	¾	¾	¾	¾
H. Major diameter coupling thread	Min. 3.0836	3.6389	4.2639	5.0359	5.7859
I. Pitch diameter coupling thread	Max. 3.0130	3.5486	4.1736	4.8985	5.6485
	Min. 2.9970	3.5306	4.1556	4.8735	5.6235
J. Minor diameter coupling thread	Max. 2.9424	3.4583	4.0833	4.7611	5.5111
	Min. 2.9104	3.4223	4.0473	4.7111	5.4611
K. Depth of coupling, inches	1½	1½	1½	1½	1½

*Manufacturer's Standard.

Contract Number 110470-81-C-1766 is in compliance with the Contract drawings and specifications, can be installed in the allocated spaces, and is submitted Government approval.



All dimensional data and tolerances are in accord with ANSI B26.

1 NOV 83

Mueller Accessories

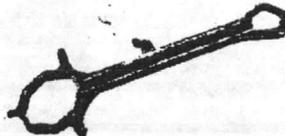
For Centurion Fire Hydrants and Modern Centurion Fire Hydrants



Safety Flange Repair Kit
A-300 for 4½", A-301 for 5½" Hydrants



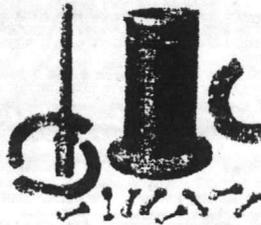
A-367 Brass Sleeve



A-311 Operating Wrench



A-51 Hydrant Lubrication Oil



Barrel Extension Sections
A-319 for 4½", A-320 for 5½" Hydrants

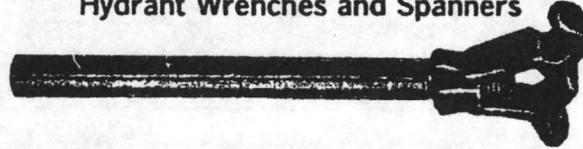


A-359 Sool Wrench



A-316 Nozzle Wrench

No. S-454 Elkhart Adjustable Combination Hydrant Wrenches and Spanners



Construction provides effective service on both pin lug and Slidewell couplings.

Head of high strength bronze; handle of tool steel.

Easy to adjust any size pentagon (maximum 1½ inch point to flat) or square nut (maximum 1½ inches), by a slight turn of the handle.

Murdock Hydrants

Compression Type: Anti-freezing. Operating valves are buried below the frost line, easily removable without digging up the hydrant. Constructed of heavy red brass castings, premium quality gray iron and steel. Ideal for year-round service outside or in unheated buildings. Inlet is male I.P.S. thread and outlet is I.P.S. hose threads.

All ¾ and 1-inch bottom connections can be furnished with I.P.S. tapping for connection to drain line.

Depths of bury are 2, 3, 4, 5, or 6-feet.

Self-Closing Type: Anti-Freezing. For year-round use where waste of water is a problem. All working parts removable without digging. Hydrant automatically shuts off when lever is released. Valve, bottom, and inlet connections are made of red brass, operating lever is steel and other parts are steel, malleable and gray iron. Base diameter is 5¼-inches. Available in intermediate ¾-foot and deeper buries. M-175; ¾-inch male I.P.S. inlet and ¾-inch hose outlet. M-1100; 1-inch male I.P.S. inlet and 1 or ¾-inch hose outlet.

Regular depths of bury are 2, 3, 4, 5, and 6-feet.

No. M75, ¾-in. ea.

No. M100, 1-in. ea.

No. M175, ¾-in. ea.

No. M1100, 1-in. ea.

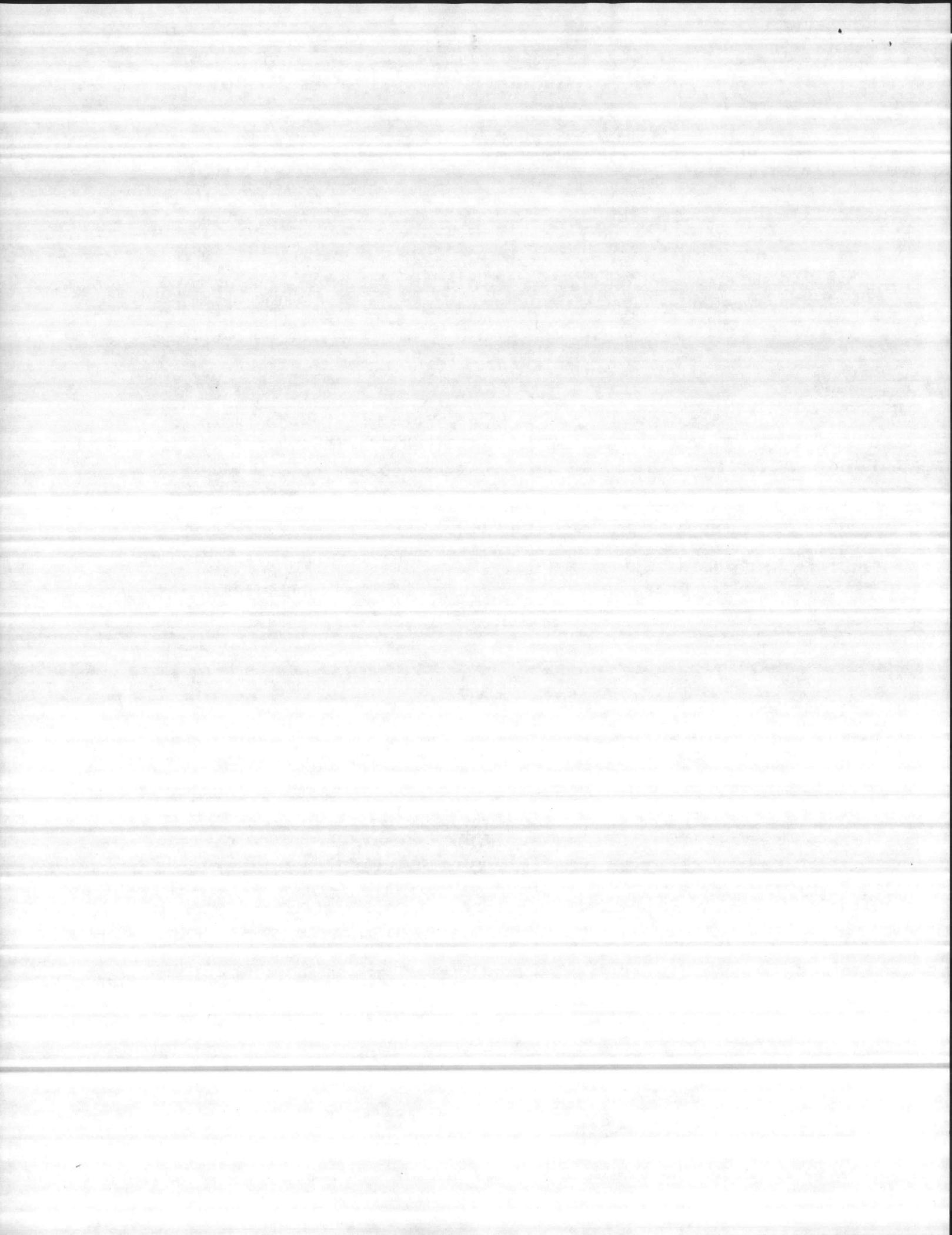
Note: In ordering be sure to give depth of bury.



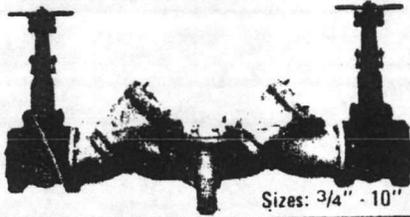
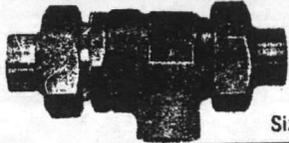
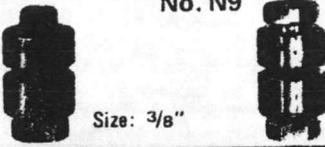
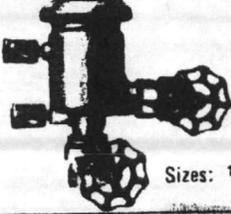
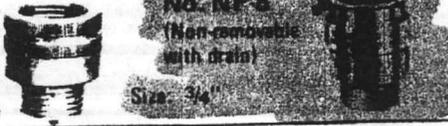
M-75 and M-100 Compression Type



M-175 and M-1100 Self-Closing Type



For Cross Connection Control in Potable Water Distribution Systems

APPLICABLE STANDARDS	WATTS PRODUCT No. AND SIZES	PRODUCT	PAGE NO.
A.S.S.E. No. 1013 A.W.W.A. C506 FCCCHR of USC CSA B. 64.4 Sizes 3/4" - 10"	No. 900 & No. 909 Series  Sizes: 3/4" - 10"	No. 900 No. 909	8, 9 4, 5, 6, 7
A.S.S.E. No. 1015 A.W.W.A. C506 FCCCHR of USC CSA B. 64.5 Sizes 3/4" - 10"	No. 709 Series  Sizes: 3/4" - 10"	No. 709	10, 11
A.S.S.E. No. 1024 Size 1/2" - 1"	No. 7  Sizes: 1/2", 3/4", 1"	No. 7	12, 13
A.S.S.E. No. 1012 CSA B. 64.3 Sizes 1/4" - 3/4"	No. 9D Series  Sizes: 1/2", 3/4"	No. 9D	14, 15
Special Approvals	No. 9BD  Size: 3/8" F.C.T.	No. 9BD	17
A.S.S.E. No. 1035 (N-LF9)	No. N-LF9 No. N9  Size: 3/8" Sizes: 1/4", 3/8"	No. N-LF9 No. N9	16 16
A.S.S.E. No. 1001 ANSI. A112.1.1 CSA B. 64.1.1 FCCCHR of USC Sizes 1/4" - 3"	No. 288A Series  Sizes: 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"	No. 288A	20, 21
A.S.S.E. No. 1020 CSA B64.1.2 FCCCHR of USC Sizes 1/2" - 2"	No. 800 Series  Sizes: 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	No. 800	18, 19
A.S.S.E. No. 1011 CSA B. 64.2 Size 3/4" Hose	No. 8 No. 8A (Non-removable)  Size: 3/4"	No. 8 No. 8A No. NF-8	22, 23 22, 23 22, 23

For additional Cross Connection Control Information, send for brochure "50 Questions and Answers".

