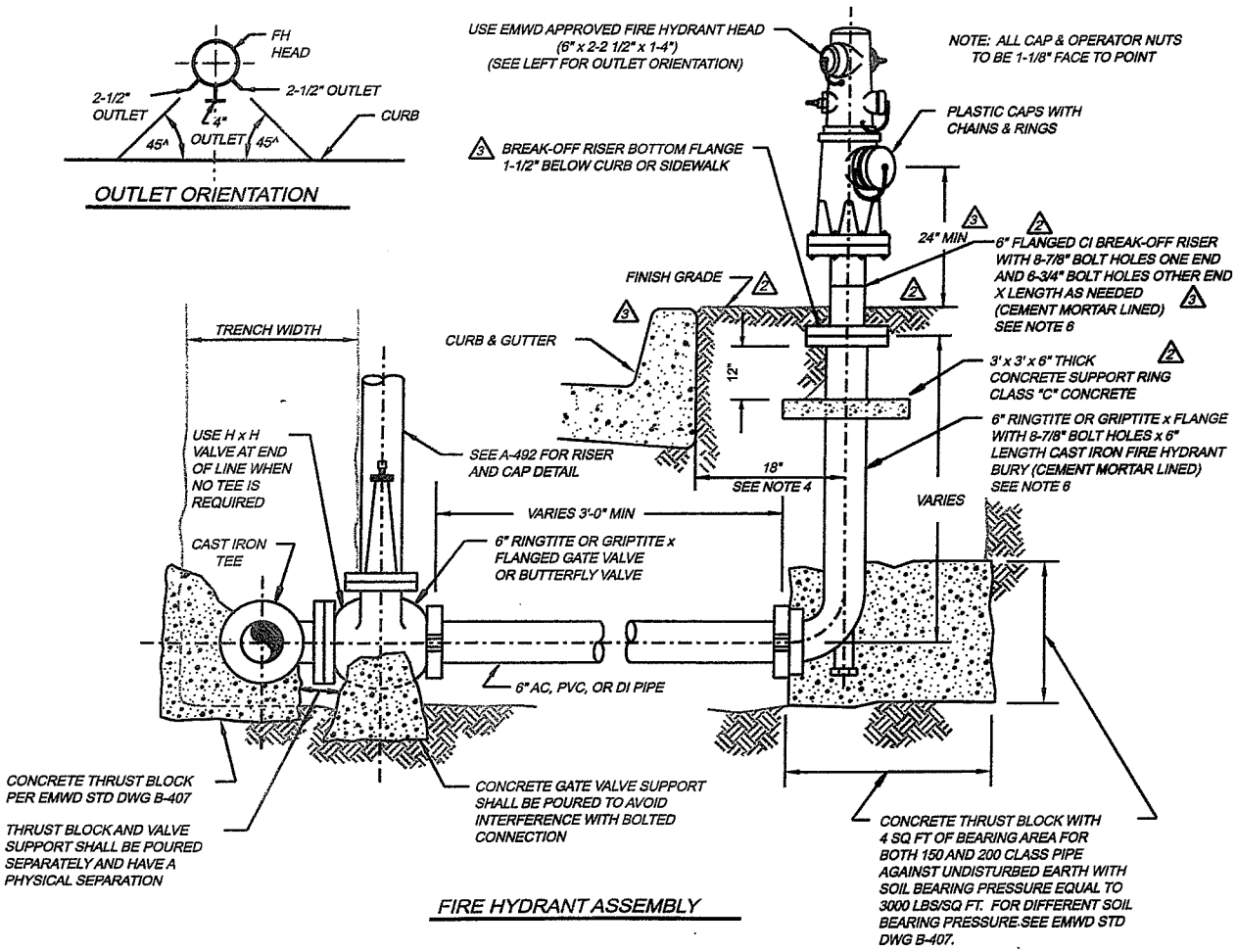
OUTLET ORIENTATION



FIRE HYDRANT ASSEMBLY

GENERAL NOTES

2 1. PAINTS:
HYDRANT TOPS AND NOZZLE CAPS, 1500 GPM OR GREATER, TO BE LIGHT BLUE.
HYDRANT TOPS AND NOZZLE CAPS, 1000 GPM TO 1499 GPM, TO BE GREEN.
HYDRANT TOPS AND NOZZLE CAPS, 500 GPM TO 999 GPM, TO BE ORANGE.
HYDRANT TOPS AND NOZZLE CAPS, LESS THAN 500 GPM, TO BE RED.

2 2. USE THRUST BLOCKS PER B-407 FOR ACP. USE RESTRAINED JOINTS PER B-663 FOR PVC AND DUCTILE IRON. CONCRETE FOR THRUST BLOCKS AND SUPPORTS TO BE CLASS "C" (2000 PSI) CONCRETE.

3. ALTERNATE MATERIALS MAY BE USED WHEN SPECIFIED.

4. FIRE HYDRANT LOCATIONS:
A. FIRE HYDRANT SHALL BE PLACED:
1. 1'6" BEHIND CURB FACE WHEN WIDTH OF SIDEWALK IS 8' OR WIDER.
2. 7'6" BEHIND CURB FACE WHEN WIDTH OF SIDEWALK IS 6' WIDE.
3. 7' 6" BEHIND CURB FACE WHEN THERE IS NO SIDEWALK.
2 4. 1'-6" WITHIN ROAD RIGHT-OF-WAY WHEN NO CURBS OR SIDEWALKS ARE PROPOSED.
B. FIRE HYDRANT TO BE 1 FT BACK FROM INTERSECTION OF SIDEWALK WITH CORNER APRON.
C. AT OTHER THAN STREET INTERSECTIONS FIRE HYDRANTS TO BE ON LOT LINES.

5. FIELD COATING FOR EXPOSED PIPE SHALL BE PER EMWD SPECIFICATIONS AND APPROVED MATERIALS.

2 6. LENGTH OF BREAK-OFF RISER TO BE DETERMINED BY THE DIFFERENCE IN ELEVATION BETWEEN THE CENTER GRADE OF THE PIPELINE OUTLET AND THE TOP OF THE CURB, LESS THE LENGTH FOR THE FIRE HYDRANT BURY. IF THE BREAK-OFF 3 RISER EXCEEDS 24", USE THE NEXT ONE FOOT LONGER BURY. UNDER NOTE 4B ABOVE, ADD 2" RISER TO ALLOW FOR SIDEWALK SLOPE.

2 7. A MINIMUM OF 3 FT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE FIRE HYDRANT.

RIVERSIDE COUNTY SUPER FIRE HYDRANT

REVISIONS					
NO.	DATE	INITIAL	DESCRIPTION	APP'D	DATE
1	3/30/93		REDRAWN W/CADD ON MYLAR	VJB	7/2/93
2	3/7/00	GR	REV NOTES 1,2,4,6,7,ADD CONC SUPPORT &DIMS	VJB	5/19/00
3	10/2/06	RE	REVISED F.H. DIMENSION, GRADE & BREAK-OFF NOTES	KM	10/10/06

APPROVALS		
	INITIAL	DATE
DESIGN		
CONSTRUCTION		
INSPECTION		
OPERATIONS	PR	5/18/93
SUBMITTED	VJB	5/19/93

EASTERN MUNICIPAL WATER DISTRICT

EASTERN MUNICIPAL WATER DISTRICT
STANDARD DRAWING

6" x 2-2 1/2" x 1-4" FIRE HYDRANT INSTALLATION-AC, PVC, DI PIPE

REFERENCES: ORIG DRAWN 8/75
FILE I.D.: KAUAI/ENGINEERING/STD/DWG

SCALE: NONE
DRAWN BY

RECOMMENDED Joseph D. Van Sickle 6/1/93
DIRECTOR OF ENGINEERING DATE

APPROVED G. Hoaite Rugge 7/2/93
CHIEF ENGINEER DATE

B-517 3