

NOTES:

1. FIRE HYDRANT TO BE AS APPROVED BY SERVING AGENCY.
2. HYDRANTS WILL BE INSTALLED IN ACCORDANCE WITH ORDINANCE 460.
3. FIRE HYDRANT SHALL BE PLACED:
 - a) 7.5 FEET MIN FROM CURB FLOW LINE TO THE CENTERLINE OF THE FIRE HYDRANT WHEN THE SIDEWALK IS ADJACENT TO THE CURB AND 6 FEET WIDE FROM THE CURB FLOW LINE.
 - b) 2.5 FEET MIN FROM CURB FLOW LINE TO THE CENTERLINE OF THE FIRE HYDRANT WHEN THE SIDEWALK IS ADJACENT TO THE RIGHT OF WAY OR MEANDERING, AND WHEN NO SIDEWALK IS PROPOSED OR EXISTING, AND CURB AND GUTTER IS EXISTING. KEEP AN UNOBSTRUCTED DISTANCE OF 1.5 FEET FROM CURB FLOW LINE TO THE NEAREST PORTION OF THE FIRE HYDRANT.
4. FIRE HYDRANT SHALL NOT BE PLACED WITHIN THE CORNER CUT BACK AT ANY TIME.
5. FIRE HYDRANT ORIENTATION: (REV 1)
 - a) SINGLE OUTLET HYDRANTS SHALL BE INSTALLED WITH THE OUTLET FACING THE CURB AND AT RIGHT ANGLES TO THE CURB.
 - b) DOUBLE OUTLET HYDRANTS SHALL BE INSTALLED WITH THE OUTLETS FACING THE CURB AND AT FORTY-FIVE (45) DEGREES TO THE CURB.
 - c) TRIPLE OUTLET HYDRANTS SHALL BE INSTALLED WITH THE LARGEST OUTLET FACING AT RIGHT ANGLES TO THE CURB.
6. WHEN ABUTTING SOIL HAS A HIGH SULFATE CONTENT, USE A MODIFIED CONCRETE MIX AND PLACE 6" MIN CLASS 2 AGGREGATE BASE AND 6 MIL PLASTIC SHEETING UNDER AND AROUND ALL SIDES OF CONCRETE IMPROVEMENTS. FOR EXPANSIVE SOIL, PLACE 6" MIN CLASS 2 AGGREGATE BASE UNDER CONCRETE IMPROVEMENTS AS DIRECTED BY THE ENGINEER. SEE SPECIFICATIONS SECTIONS 16.03 & 16.04 AND STANDARD No. 401 FOR REFERENCE.

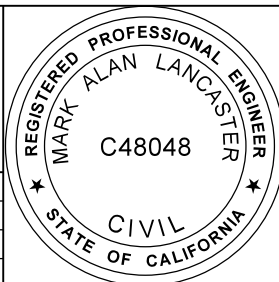
NOT TO SCALE

PREPARED UNDER THE SUPERVISION OF:

Mark Lancaster

11/30/22
DATE

DIRECTOR OF TRANSPORTATION
MARK LANCASTER, P.E.



COUNTY OF RIVERSIDE

**FIRE HYDRANT
INSTALLATION**

STANDARD No. 701

REVISION	DESCRIPTION	MARK	DATE	APPROVED