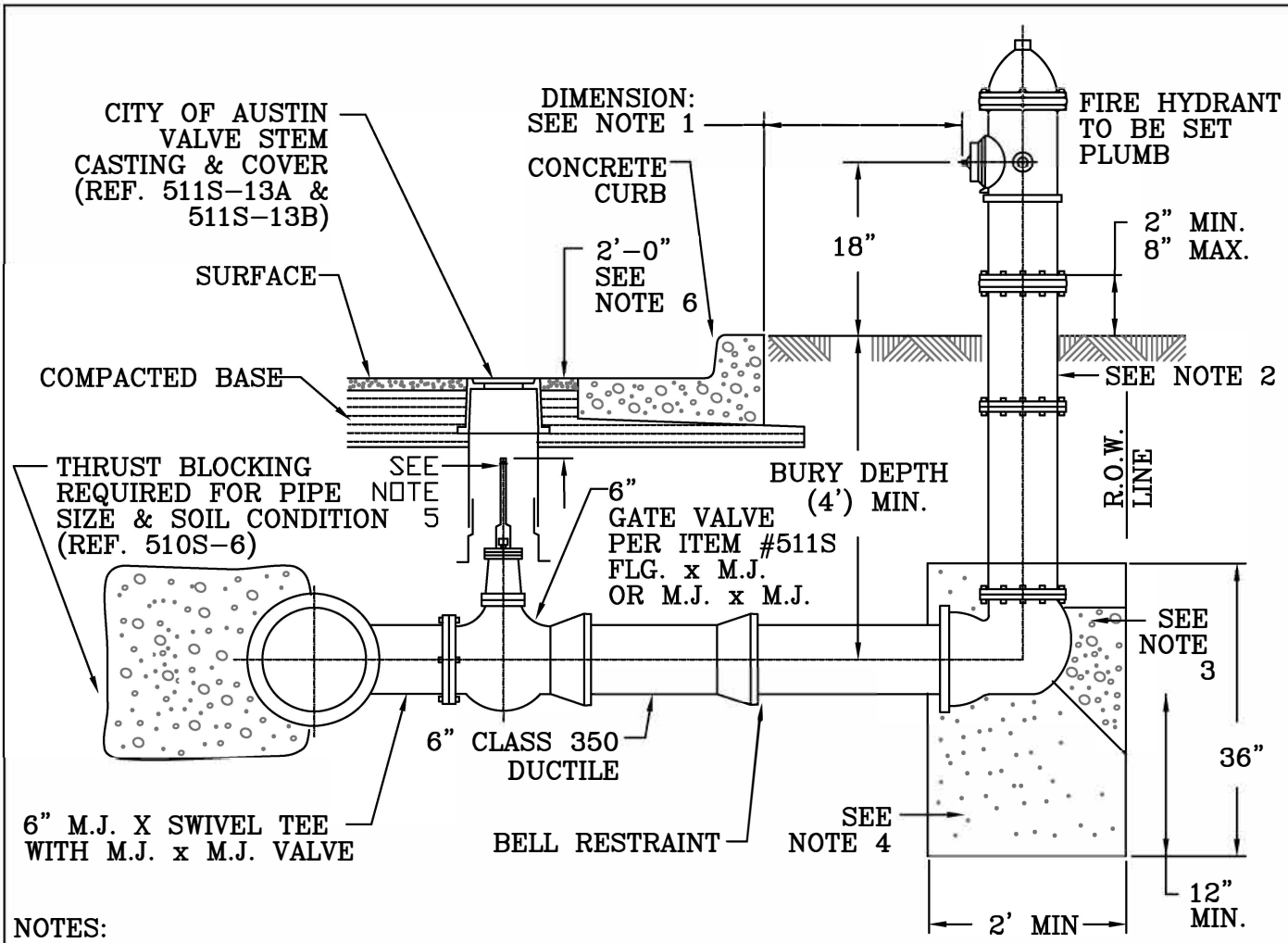

NOTES:

1. ONLY 4.5 INCH NST HYDRANTS ARE ALLOWED.
2. HYDRANTS MUST BE PLACED TO FACE THE FIRE LANE.
3. IN RIGHT OF WAY AREAS, PLACE HYDRANTS AT ROW LINE. HYDRANTS ARE NOT TO BE PLACED IN SIDEWALK AREAS. HYDRANTS SHOULD NOT BE PLACED CLOSER THAN 3 FEET OR FURTHER THAN 6 FEET FROM THE BACK OF CURB. WHERE POSSIBLE, PLACE VALVE IN PAVEMENT. IF NOT POSSIBLE, PLACE A VALVE BOX PAD (DETAIL FROM CEDAR PARK WEBSITE) AROUND VALVE. NO VALVES ARE TO BE PLACED IN CONFLICT WITH PROPOSED/ EXISTING CURBS OR GUTTERS.
4. FOR BURY DEPTHS GREATER THAN 5', ONE BARREL EXTENSION NOT EXCEEDING 2 FOOT IN LENGTH SHALL BE INSTALLED DIRECTLY BELOW THE FIRE HYDRANT.
5. ALL PIPE AND FITTINGS SHALL HAVE JOINT RESTRAINT FROM MAIN TO FIRE HYDRANT, ALL INCLUSIVE. THRUST BLOCKING SHALL BE CLASS A CONCRETE WITH A MINIMUM 1.5 SQUARE FOOT SURFACE AREA AGAINST PIPE. DO NOT BLOCK DRAIN HOLES.
6. CRUSHED STONE OR GRAVEL SHALL BE PLACED AROUND THE BOTTOM OF THE HYDRANT FOR A RADIUS OF AT LEAST 12" AND EXTEND AT LEAST 12" ABOVE THE OUTLET. DO NOT BLOCK DRAIN HOLES.
7. WELD SOCKET 2-½" X 2" DEEP TO 1" SCH. 40 ROUND STEM EXTENSION, FITTED ON OPERATING NUT, SCH. 80 FOR LENGTHS OVER 10'.
8. VALVE EXTENSIONS ARE REQUIRED ON ALL VALVES THAT EXCEED 3' DEEP FROM FINISHED GRADE. VALVE EXTENSIONS SHALL BE PLACED SUCH THAT THE EXTENSION NUT IS BETWEEN 18" AND 24" FROM FINISHED GRADE.
9. VALVE SPECIFICATION PER CITY OF AUSTIN STANDARD SPECIFICATION ITEM NO. 511.

CITY OF CEDAR PARK	STANDARD FIRE HYDRANT INSTALLATION	
ISSUED: JULY 8, 2014 REVISED: MARCH 11, 2022	THE ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	