

CONNECTION DETAIL I
NOT TO SCALE

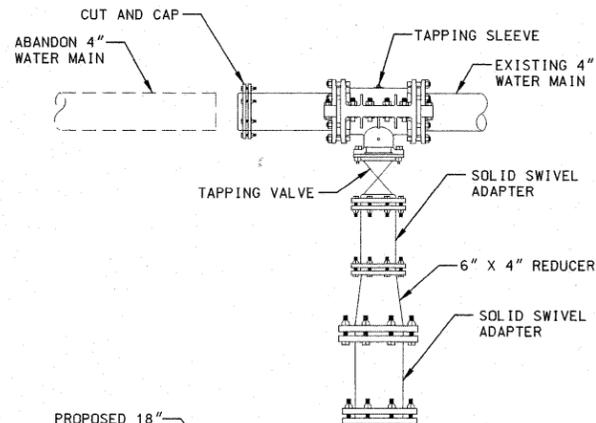
NOTES:

HYDRANTS ARE TO BE SET ON 6" LATERALS, ISOLATED BY A GATE VALVE WITH BOX, AND RESTRAINED WITH SET SCREW RETAINER GLANDS, AND CONCRETE THRUST BLOCKS.

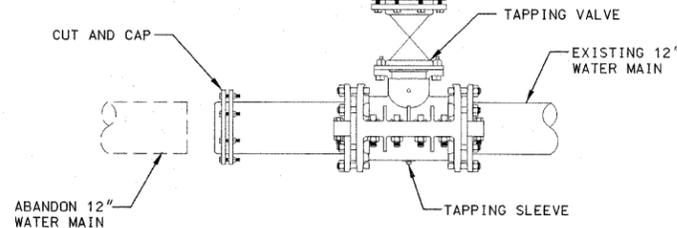
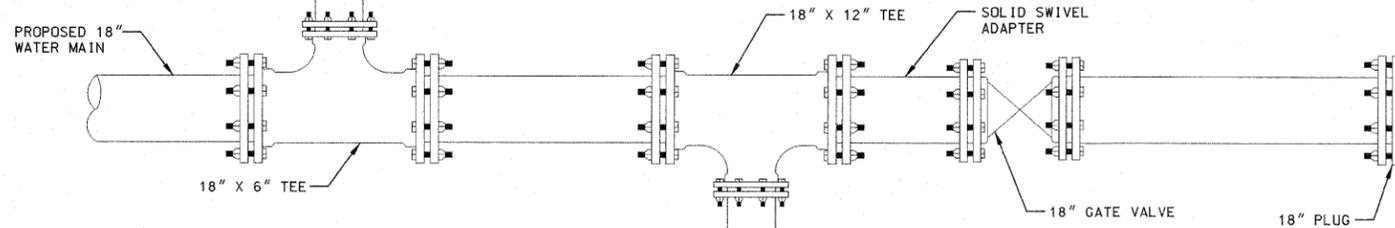
FIRE HYDRANT ASSEMBLY TO INCLUDE 6" GATE VALVE, VALVE BOX, 6" LEAD PIPE, AND 6" FIRE HYDRANT.

LINE ENDS ARE TO BE CAPPED WITH MECHANICAL JOINT CAP AND A SET SCREW RETAINER GLAND, NO GREATER THAN 5 FEET PAST THE GATE VALVE OR TAPPING SLEEVE.

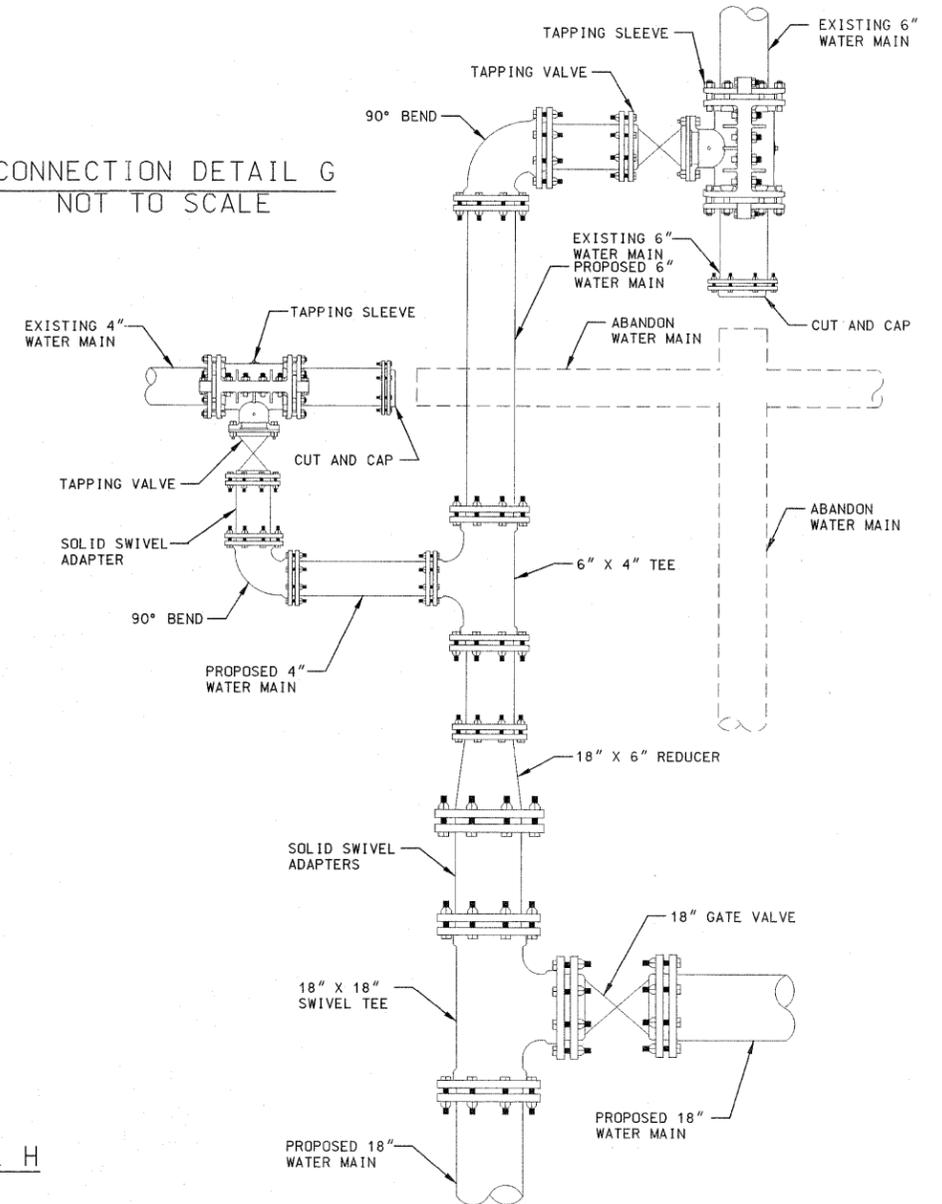
ALL VALVES AND FITTINGS SUCH AS TEES, CROSSES, REDUCERS, ELBOWS, CAPS, PLUGS, ETC., SHALL BE DUCTILE IRON WITH MECHANICAL JOINTS AND INCLUDE TRANSITION GASKETS, AND THEY SHALL BE RESTRAINED WITH SET SCREW RETAINER GLANDS AND CONCRETE THRUST BLOCKS.



CONNECTION DETAIL H
NOT TO SCALE



CONNECTION DETAIL G
NOT TO SCALE



FILE NAME =	USER NAME = default	DESIGNED -	REVISED -
P:\Projects\513501\CADD\DM\0876D54-shd	drawn-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20,0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 8/4/2010	DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
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WATER MAIN CONNECTION DETAILS			
SCALE: N/A	SHEET NO. 2 OF 5 SHEETS	STA N/A	TO STA N/A

F.A.P. RTE. 600	SECTION 60-(30,31,128)-N-1	COUNTY MADISON	TOTAL SHEETS 152	SHEET NO. 67
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76D54				