

① CONNECTION TO EXISTING 12" WATER MAIN  
12" GATE VALVE IN 4' Ø VAULT  
STA 320+82, 70.5' RT  
N 1812883.68  
E 1115368.39  
INSTALL 50' OF 12" D.I.P.

③ 12"-45° BEND, MJ  
STA 321+00, 47.0' RT  
N 1812901.67  
E 1115345.29

⑥ PRESSURE CONNECTION (12"x12"x12")  
STA 324+72, 67.0' RT  
N 1813273.34  
E 1115366.91  
INSTALL 220' OF 12" D.I.P.

⑧ 12"-90° BEND, MJ  
STA 324+88, 67.0' RT  
N 1813289.78  
E 1115367.82

⑩ 12"-90° BEND, MJ  
STA 324+88, 84.0' LT  
N 1813290.61  
E 1115216.02

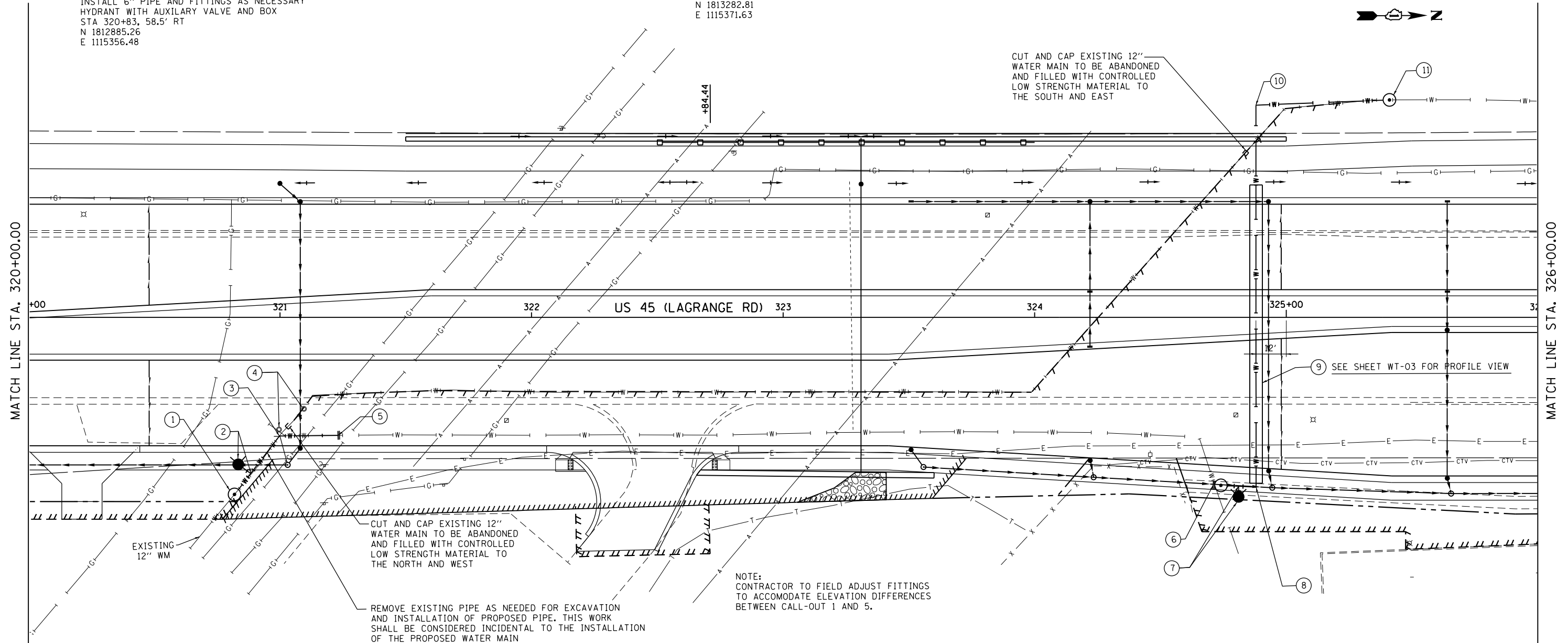
② 12"x6" TEE, MJ  
STA 320+88, 62.0' RT  
N 1812890.19  
E 1115360.12  
INSTALL 6" PIPE AND FITTINGS AS NECESSARY  
HYDRANT WITH AUXILIARY VALVE AND BOX  
STA 320+83, 58.5' RT  
N 1812885.26  
E 1115356.48

⑤ CONNECTION TO EXISTING 12" WATER MAIN  
STA 321+23, 47.0' RT  
N 1812924.96  
E 1115345.16

⑦ 12"x6" TEE, MJ  
STA 324+81, 67.0' RT  
N 1813282.85  
E 1115367.44  
INSTALL 6" PIPE AND FITTINGS AS NECESSARY  
HYDRANT WITH AUXILIARY VALVE AND BOX  
STA 324+81, 71.0' RT  
N 1813282.81  
E 1115371.63

⑨ 118.5' OF 20" STEEL CASING  
STA 324+88  
66.0' RT TO 52.5' LT

⑪ CONNECTION TO EXISTING 12" WATER MAIN  
12" GATE VALVE IN 4' Ø VAULT  
STA 325+41, 86.0' LT  
N 1813343.70  
E 1115214.26



CUT AND CAP EXISTING 12" WATER MAIN TO BE ABANDONED AND FILLED WITH CONTROLLED LOW STRENGTH MATERIAL TO THE SOUTH AND EAST

CUT AND CAP EXISTING 12" WATER MAIN TO BE ABANDONED AND FILLED WITH CONTROLLED LOW STRENGTH MATERIAL TO THE NORTH AND WEST

REMOVE EXISTING PIPE AS NEEDED FOR EXCAVATION AND INSTALLATION OF PROPOSED PIPE. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE INSTALLATION OF THE PROPOSED WATER MAIN

NOTE:  
CONTRACTOR TO FIELD ADJUST FITTINGS TO ACCOMMODATE ELEVATION DIFFERENCES BETWEEN CALL-OUT 1 AND 5.

⑨ SEE SHEET WT-03 FOR PROFILE VIEW

URS  
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FILE NAME = D160M62-SHT-WATER02.dgn	USER NAME = Frank.Stallone	DESIGNED - MDB	REVISED -
		DRAWN - MDB	REVISED -
		CHECKED - TDW	REVISED -
SHT.PLAN	PLOT DATE = 3/15/2013	DATE - 03/13/13	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATER MAIN - PROPOSED PLAN  
US 45 (LAGRANGE ROAD)  
SCALE: 1"=40' SHEET 2 OF 8 SHEETS STA. 320+00.00 TO STA. 326+00.00

F.A.P. RTE. 330	SECTION 103R-5	COUNTY COOK	TOTAL SHEETS 778	SHEET NO. 231
WT-02			CONTRACT NO. 60M62	
ILLINOIS FED. AID PROJECT				