



- MUELLER CENTURION FIRE HYDRANT, OPT-094 (5 ½" BARREL) WITH MUELLER
 VALVES/HARDWARE AND AUXILIARY VALVE 6" GATE VALVE NO. 2360-23-9020 MODIFIED WEDGE
- ullet WATEROUS WB-67-250 HYDRANT (5 $^1\!\!4$ " PACER) WITH SERIES 2500-1 RESILIENT WEDGE GATE VALVE
 - PROVIDE CLASS SI CONCRETE BASE AND BLOCKING AGAINST UNDISTURBED EARTH
 - 2 DRAIN SUMP TO BE 34 CUBIC YARD OF 34" WASHED STONE
 - (3) **CONCRETE SUPPORT**
 - CONCRETE BLOCK OR BRICK SUPPORT
 - PIPE AS REQUIRED TO MAINTAIN 24" SEPARATION AS SHOWN (DIRECT MECHANICAL JOINT CONNECTION IF APPROVED BY CITY)
 - (6) RUBBER VALVE BOX STABILIZER
 - USE "CORTEN" STEEL TIE RODS BETWEEN AUXILARY VALVE AND WATER MAIN (STAINLESS STEEL MAY BE REQUIRED BY THE CITY ENGINEER). ANY DISTANCE GREATER THAN 30" SHALL BE RODDED TO MEGA-LUG FLANGE. NO COUPLINGS ARE PERMITTED IN RODS.
 - CONCRETE BLOCKING CAST IN PLACE 3000 P.S.I.
 - 4 1/8" PORT TO FACE PAVEMENT OR AS DIRECTED BY CITY ENGINEER
 - ALL NEWLY INSTALLED HYDRANTS MUST BE TOP COATED WITH RUST-OLEUM FIRE HYDRANT ENAMEL (COLOR = FIRE HYDRANT RED)
 - MIN. 48" BETWEEN HYDRANT AND ANY VERTICAL OBSTRUCTIONS.
 - MIN. 72" BETWEEN HYDRANT AND ANY LANDSCAPING WITH A MATURE HEIGHT GREATER THAN 12".
 - ALL VALVE AND HYDRANT HARDWARE MUST BE STAINLESS STEEL INCLUDING NUTS, BOLTS, AND WASHERS.

Approved: City Engineer

Victor C. Ramirez, P.E.

Drawing Name

FIRE HYDRANT

Drawing Number

UW-06

Date: 11/2/2007

SCALE;

Drawn Checked JN EM

ILLINOIS **Engineering Division**

L-\ENGINEERING AND BUILDING\ENGINEERING\DETAILS AND STANDARDS\

Director of Engineering and Building

ENGINEERING CONSULTANT							
CG	CIOIDS GROUPS CONSULTING ENGINEERS 5507 North Cumberland Avenue, Suite 492 Chosee, Rinois 80556 Tel. 773-775-409 Fax 773-775-4014 Emgl chlosogicoltos, com	Inc					

REVISED DRAWN REVISED PLOT SCALE = 1,0000 1/ 10. CHECKED - MRJ REVISED - FEBRUARY 4, 2013 REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

CI	RYSTAL				ENUE DRANT	DETAIL	
	SHEET NO.	OF	SHEE	TS	STA,	TO S	TA.

ILLINGIS FED. AID PROJECT							
	UW-06	CONTRACT NO. 63806					
0	11-00115-00-RS	MCHENRY	62	43			
.υ. έ.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.			