

NOTES:
1. ALL UTILITY TRENCHES BENEATH PROPOSED PAVEMENT, DRIVEWAYS, APRONS, & SIDEWALKS & FOR A DISTANCE OF 2- FEET ON EITHER SIDE OF SAME AND/OR WHEREVER ELSE SHOWN ON THE CONSTRUCTION PLANS SHALL BE BACKFILLED WITH CA-6 & THOROUGHLY COMPACTED IN ACCORDANCE WITH THE SPECS.
2. EXISTING UTILITIES HAVE BEEN SHOWN SCHEMATICALLY FOR THE CONTRACTOR'S GUIDANCE ONLY. ALL EXISTING UTILITIES MAY NOT BE SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND LOCATE ALL UTILITIES THAT MAY BE AFFECTED PRIOR TO CONSTRUCTION.

3. OPEN LIDS ARE INDICATED AS FRAME AND GRATE. CLOSED LIDS ARE INDICATED AS FRAME AND LID.
4. ALL RCP STORM SEWER SHALL BE CLASS III & CONFORM TO ASTM C-76 UNLESS OTHERWISE NOTED.
5. ALL WATERMAIN JOINTS WITHIN STEEL CASING MUST BE RESTRAINED WITH 'UNI-FLANGE SERIES 1450 WEDGE ACTION RESTRAINER' AND MUST BE SUPPORTED WITH 'CASCADE STAINLESS STEEL CASING SPACERS' PER MANUFACTURERS SPECIFICATIONS.

UTILITY CROSSING TABLE

#	T/P STORM	INV STORM	T/P SAN	INV SAN	T/P WATER	B/P WATER	SPECIAL
1	899.00	897.75	896.21	895.46	895.96	893.21	**
2	898.56	897.31	896.33	895.58	895.75	895.00	*
3	898.35	898.10	896.80	896.15			
4	899.15	897.90	896.96	896.21			
5	898.70	897.45	896.50	895.56			
6	899.17	898.00			896.33	895.58	***
7	900.43	899.26	898.09	897.57			

Denotes Utility Crossing
* CONSTRUCT RCP USING ASTM C-433 JOINTS FOR 10LF EITHER SIDE OF CROSSING
** INSTALL 16" STEEL CASING AROUND WM 10LF EITHER SIDE OF CROSSING
*** INSTALL O-RING STORM SEWER ALONG ENTIRE LENGTH BETWEEN STRUCTURES

GRAPHIC SCALE 1"=20'
0 5 10 20 40



CONGRESS PARKWAY

EXCHANGE DRIVE

CONTRACTOR TO VERIFY LOCATION OF ELECTRIC LINES PRIOR TO INSTALLATION OF PRESSURE CONNECTION

CONNECT TO EXISTING WATERMAIN W/ 8" PRESSURE CONNECTION

HWL=897.00
BOTTOM OF POND=893.00
PROPOSED VOLUME=1.50 AC-FT

UTILITY PLAN

AL & JOE'S RESTAURANT
PARTNERS IN DESIGN

CRYSTAL LAKE, IL

JACOB & HEFNER ASSOCIATES, INC.
ENGINEERS • SURVEYORS

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1"=20'
D605f
C3.0