



Please ensure this run is complete on a Saturday.

- STORM STRUCTURE LEGEND**
- STRUCTURE ABBREVIATION
 - STRUCTURE NUMBER
 - FRAME AND LID TYPE
 - DIAMETER & SIZE OF STRUCTURE
 - TYPE OF STRUCTURE
- STORM STRUCTURE ABBREVIATIONS**
- I = INLET
 - CB = CATCH BASIN
 - M = MANHOLE
 - E = FLARED END SECTION

- NOTES:**
- ALL STORM SEWERS SHALL BE RCP CL-IV WITH O-RING JOINTS UNLESS NOTED OTHERWISE.
 - ALL SANITARY SEWERS SHALL BE PVC SDR 26 UNLESS NOTED OTHERWISE.
 - ALL WATER MAINS SHALL BE D.I.P. - CLASS 52 OR PVC AWWA C900 OR UNLESS NOTED OTHERWISE. MEGLUGS AND THRUST BLOCKS ARE REQUIRED FOR ALL WATERMAIN FITTINGS. MINIMUM 5.5' COVER TO THE TOP OF WATERMAIN IS REQUIRED. ALL TEES TO BE XYLANE COATED.
 - ALL RESTRAINED WATER MAIN JOINTS SHALL BE U.S. PIPE "FIELD LOK" GASKET OR APPROVED EQUAL.
 - INDICATES TRENCH BACKFILL REQUIRED.
 - FRAME AND GRATE/LID FOR STORM SEWER STRUCTURES
 1C - MH-NEENAH R-1712 FRAME W/TYPE "B" CLOSED LID
 1P - INLET, CB-NEENAH R-2504 W/TYPE "D" GRATE
 2P - INLET, CB-NEENAH R-2504 W/TYPE "G" GRATE
 1G - NEENAH R-4340-B BEEHIVE GRATE FOR GRASS AREAS
 - FRENCH DRAIN: ALL LOW POINT STRUCTURES ARE TO HAVE FOUR 1" DIAMETER WEEP HOLES PROVIDED 24" BELOW THE TOP OF LID. THE HOLES SHALL BE COVERED WITH A GEOTEXTILE FABRIC CEMENTED IN PLACE WITH BITUMINOUS MASTIC. THE DRAIN SHALL BE BACKFILLED WITH BEDDING OR CA-7 CRUSHED STONE TO TOP OF SUBGRADE OR BOTTOM OF TOPSOIL.
 - IF ANY PROPOSED SANITARY SEWER CROSSES ABOVE A WATERMAIN, SANITARY SEWER SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE OR WM QUALITY PVC (ASTM D-2241) AT LEAST TEN FEET (10') ON EACH SIDE OF CROSSING.
 - ALL PROPOSED STORM SEWER CROSSINGS OVER EXISTING WATERMAINS TO INSTALL CASING PIPE ON WATERMAIN FOR AT LEAST TEN-FEET (10') ON BOTH SIDES OF THE EXISTING WATERMAIN.
 - CONTRACTOR TO VERIFY LOCATION OF ALL EX. UTILITIES PRIOR TO CONSTRUCTION TO VERIFY ANY CONFLICTS WITH THE EXISTING AND PR. WATERMAIN & SANITARY SEWERS. PIPE LOCATIONS WERE ESTIMATED FROM ORIGINAL DESIGN DRAWINGS AND THE FIELD SURVEY OBSERVATIONS AND IS MEANT AS A GUIDE ONLY. CONTRACTOR TO VERIFY BUILDING SERVICE LOCATION WITH ARCH. PLANS PREPARED BY OTHERS.
 - EXISTING & PROPOSED DRY UTILITIES ARE SHOWN FOR REFERENCE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF EXISTING DRY UTILITIES AND TO COORDINATE THE REMOVAL OR ABANDONMENT OF ALL DRY UTILITIES WITH THEIR CORRESPONDING OWNERS.
 - SEE MEP PLANS FOR ALL REQUIRED IMPROVEMENTS TO THE PUMP ROOM AND INTERNAL FIRE PROTECTION PREPARED BY OTHERS. SERVICE LOCATIONS ARE APPROXIMATE AND SHOWN BE VERIFIED WITH THE MEP DRAWINGS PRIOR TO CONSTRUCTION.
 - DESIGN OF PROPOSED LIGHT POLE TYPES, LOCATIONS, WIRING, AND CIRCUITRY OF LIGHTING WILL BE BY OTHERS.
 - ALL OPEN LIDS SHALL INCLUDE THE VERBAGE "DUMP NO WASTE, DRAINS TO CREEK"

NO	DATE	REMARKS

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4	03/23/21	PER VILLAGE & MEP COORDINATE
3	01/04/21	PER VILLAGE & MEP COORDINATE
2	10/20/20	PER VILLAGE & MEP COORDINATE
1	09/28/20	PER VILLAGE/OWNER

UTILITY PLAN
LOT 2 - 84 LUMBER SUBDIVISION
MINOOKA, ILLINOIS

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS

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FILENAME: 10942-UT
DATE: 07/22/20
JOB NO. 10942
SHEET UT 7 OF 14