# SITE DEVELOPMENT PLANS POPEYS RESTAURANT - ROMEOVILLE

BLAIN'S FARM & FLEET - LOT 2 SOUTH WEBER ROAD, ROMEOVILLE, ILLINOIS 60446 JULY 2020

# HZ PROPS RE, LTD.

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#### DRAINAGE CERTIFICATION

I, THERESA HARTSFIELD, PE, HEREBY CERTIFY THAT ADEQUATE STORM WATER STORAGE AND DRAINAGE CAPACITY HAS BEEN PROVIDED FOR THIS DEVELOPMENT, SUCH THAT SURFACE WATER FROM THE DEVELOPMENT WILL NOT BE DIVERTED ONTO AND CAUSE DAMAGE TO ADJACENT PROPERTY FOR STORMS UP TO AND INCLUDING THE 100—YEAR EVENT, AND THAT THE DESIGN PLANS ARE IN COMPLIANCE WITH APPLICABLE STATE, COUNTY, AND VILLAGE ORDINANCES.

#### FLOOD ZONE INFORMATION:

ACCORDING TO THE FLOOD INSURANCE RATE MAP — MAP NUMBER 17197C0155G, PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY WITH A REVISION DATE OF FEBRUARY 15, 2019, WHICH IS THE MOST CURRENT FLOOD INSURANCE RATE MAP AVAILABLE ON FEMA'S WEBSITE, THIS SITE IS LOCATED IN ZONE " X " (NO SCREEN) — AREA OF MINIMAL FLOOD HAZARD

## BENCHMARK (♣):

THE BASIS OF ELEVATIONS HEREON IS NAVD 88 PER OBSERVATIONS OF SELECTED STATIONS IN THE NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATION (NGS CORS) NETWORK.

CROSS ON SE BONNET BOLT OF FIRE HYDRANT SET — SEE DRAWING FOR LOCATION.

#### ELEVATION = 648.73'

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY WOOLPERT, INC. AND DATED 06/25/20.



SITE PLAN	VICINITY MAP	SHEET INDEX	No. DATE	REVISION
PROPOSED POPEY'S RESTAURANT 2944	Goodwill Store & Airport Rd Donation Center  Airport Rd SITE LOCATION  Walmart Supercenter  BENCHMARK  BENCHMARK  We get Rd.  Checaga Tuble Dr Pet supply store	● 1       09/18/20       C000	1 09/18/20  PROJECT N 062-06222  062-06222  062-06222  062-06222  062-06222  062-06222  062-06222	080346  C000

#### **GENERAL NOTES**

- THE CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO THE START OF 1. WORK. ANY DISCREPANCIES FOUND SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ENGINEER.
- THE ACCURACY AND COMPLETE INCLUSION OF THE LOCATIONS OF EXISTING 2 THE ACCURACY AND COMPLETE INCLOSION OF THE LOCATIONS OF EXISTING UTILITIES IS NOT GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH HEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER, PROJECT OWNER AND UTILITY OWNER, BY THE CONTRACTOR AT HIS OWN EXPENSE.
- ALL LOT IRONS DAMAGED OR REMOVED DURING CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED BY THE ENGINEER AND SAID COST OF REPLACEMENT SHALL BE PAID BY THE CONTRACTOR.
- ALL SITE IMPROVEMENTS INCLUDING STORM WATER DRAINAGE (BUT NOT WATER MAIN AND SANITARY SEWER) SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION", ADOPTED APRIL 1, 2016 WITH ALL SUBSEQUENT SUPPLEMENTS, AND THE VILLAGE OF ROMEOVILLE. IN CASE OF CONFLICT, THE LATTER SHALL TAKE PRECEDENCE.
- SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, UNLESS OTHERWISE NOTED.
- ALL SEWERS AND WATER MAINS WHICH FALL WITHIN TWO FEET OF EXISTING OR PROPOSED PAVED AREAS SHALL BE BACKFILLED WITH AGGREGATE CA-6 OR OTHER APPROVED GRANULAR MATERIAL. THE GRAVEL SHALL EXTEND A DISTANCE OF 2'-0" BEYOND THE PAVEMENT AND EXTEND DOWN FROM THAT POINT AT A 1:1 SLOPE, AWAY FROM THE PAVEMENT.
- ALL NEW AND EXISTING STRUCTURES ON SITE AND IN AREAS TO BE ALL NEW AND EXISTING STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION OF THE WORK. ADJUSTMENTS UPWARD SHALL BE MADE USING PRECAST CONCRETE ADJUSTMENT RINGS. A MINIMUM OF 2 ADJUSTING RINGS, 6" MINIMUM ADJUSTING HEIGHT, AND MAXIMUM OF 3 RINGS, 10" MAXIMUM HEIGHT, NO 1" OR 2" RINGS ARE ALLOWED. UNDER PAVED AREAS, TOP RING SHALL BE RUBBER. USE ONE EJIW INFRA-RISER
- WHENEVER A SEWER CROSSES UNDER A WATER MAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATER MAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN ALL SEWERS AND SERVICES AND WATER MAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, KEEPING A MINIMUM 18" VERTICAL SEPARATION: OR THE SEWER IS LAID IN A TRENCH WITH THE WATER MAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF LINDISTLIBBED FARTH KEEPING A MINIMUM OPPOSITE SIDE ON A BENCH OF UNDISTRIBLE EARTH REEPING A MINIMOVE OF 18" VERTICAL SEPARATION. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATER MAIN, THEN WITHIN A DISTANCE OF 10 FEET ON EITHER SIDE OF THE WATER MAIN, THE SEWER PIPES SHALL BE CAST
- PERMITS AND LICENSES OF A TEMPORARY NATURE NECESSARY FOR THE PROSECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR. PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR SHALL CALL THE ATTENTION OF THE ENGINEER TO ANY MATERIAL OR EQUIPMENT HE DEEMS INADEQUATE AND TO ANY ITEM OF WORK OMITTED
- ALL EXISTING SEPTIC SYSTEMS ARE TO BE ABANDONED. ABANDONED TANKS ARE BE FILLED TO OR REMOVED BY A LICENSED SEPTIC SYSTEM CONTRACTOR. CERTIFICATES SHALL BE FURNISHED, SUBMITTED AND APPROVED BY THE APPROPRIATE HEALTH DEPARTMENT PRIOR TO ACCEPTANCE OF THE WORK.
- A LICENSED WELL DRILLER SHALL CAP ALL WELLS IN ACCORDANCE WITH STATE AND COUNTY REGULATIONS. CERTIFICATES SHALL BE FURNISHED, SUBMITTED AND APPROVED BY THE APPROPRIATE HEALTH DEPARTMENT PRIOR TO ACCEPTANCE OF THE WORK.

#### **PAVEMENT & CONCRETE CONSTRUCTION**

- ALL EXISTING PAVEMENT OR CONCRETE TO BE REMOVED SHALL BE SAWCUT 19. CONTRACTOR TO ENSURE POSITIVE DRAINAGE AROUND ISLANDS. ALONG LIMITS OF PROPOSED REMOVAL BEFORE REMOVAL OPERATION
- ALL CURBS CONSTRUCTED OR REPLACED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO #4 REBARS FOR A LENGTH OF 20 FEET CENTERED 21. OVER THE TRENCH. SIDEWALKS SHALL BE TREATED IN THE SAME MANNER USING THREE #6 REBARS.
- CONTRACTION JOINTS SHALL BE CONSTRUCTED AT TEN (10) FOOT MINIMUM INTERVALS. THE GRANULAR CURB BASE SHALL BE A MINIMUM OF THREE (3) 23. ALL STORM SEWER FRAMES AND GRATES/LIDS SHALL BE MARKED WITH INCHES OF 3/8" TO 3/4" OPEN GRADED GRANULAR MATERIAL TO ALLOW FOR PROPER SUBGRADE DRAINGUAGE. COMPACTED CURB SUBGRADE SHALL BE SHAPED PARALLEL TO THE CURB FLOW LINE AND POSITIVELY DRAINED TO THE INLETS AND CATCH BASINS. ALL PAVEMENTS SHALL BE CONSTRUCTED ON A SELECT COMPACTED SUBGRADE, GRADED PARALLEL TO REVERSAL OF SLOPE BETWEEN ANY TWO MARKED POINTS.
- JOINTS SHALL BE REQUIRED AT ALL POINTS OF CURVATURE, AT BOTH SIDES OF ALL DRAINAGE STRUCTURES AND ALL LOCATIONS WHERE THE SIDEWALK ABUTS THE CONCRETE CURB AND GUTTER.
- CURB AND GUTTER SHALL BE CONSTRUCTED AND TIED INTO EXISTING P.C.C. PAVEMENT IN ACCORDANCE WITH I.D.O.T. STANDARDS 606001 AND 420001
- ALL CONCRETE CURB AND GUTTER SHALL BE SEALED WITH W.R. MEADOWS T1A44 SEALANT OR APPROVED EQUAL, IMMEDIATELY AFTER SEVEN (7) DAYS OF CURING AT A RATE OF 300 S.F. PER GALLON UTILIZING A SPRAY APPLICATION. THE SURFACE MUST BE THOROUGHLY CLEAN AND DRY OF APPLICATION.

#### **GRADING NOTES**

- CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND 1. UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND THE OWNER, OR REPLACED.
- SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES
- CONTRACTOR TO PERFORM PAVEMENT RESTORATION FOR ALL UTILITY INSTALLATION AND RELOCATION WITHIN PAVEMENT LIMITS.
- THE GRADING AND CONSTRUCTION OF STREET AND PARKING LOT IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER. ALL AREAS ADJACENT TO THESE IMPROVEMENTS SHALL BE GRADED TO ALLOW POSITIVE
- STREET PAVING AND CURBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE, AND IF DAMAGED SHALL BE REPLACED TO MEET STATE AND LOCAL STANDARDS AND SPECIFICATIONS ON MATERIAL AND WORKMANSHIP.
- UNSUITABLE MATERIAL ENCOUNTERED IN EXCAVATION FOR STREETS, BUILDING PADS AND PARKING LOTS SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL.
- THE SOIL INVESTIGATION REPORT FOR THE SITE, AND ALL ADDENDA THERETO, ARE SUPPORTING DOCUMENTS TO THE PERMIT FOR THE PROJECT. THE RECOMMENDATIONS AS STATED IN THE REPORT SHALL BE FOLLOWED BY ALL CONTRACTORS
- CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS, ELEVATIONS, SIZES CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS, ELEVATIONS, SIZES, AND MATERIAL OF ALL EXISTING UTILITIES WHICH ARE TO BE TAPPED OR EXTENDED ON SITE. ANY DEVATIONS FROM PLAN INFORMATION SHALL BE PROVIDED TO THE ENGINEER IN WRITING WITHIN 24 HOURS AND PRIOR TO THE START OF CONSTRUCTION ON THAT IMPROVEMENT. SHOULD THE CONTRACTOR START WORK WITHOUT NOTIFICATION TO THE ENGINEER OF ANY DISCREPANCIES, HE WILL ASSUME ALL RESPONSIBILITY OF THE WORK NECESSARY TO COMPLETE THE PROJECT.
- ALL FIELD TILE ENCOUNTERED SHALL BE REPLACED AND/OR CONNECTED STORM SEWER SYSTEM AND LOCATED AND IDENTIFIED ON RECORD 10. PLANS BY THE CONTRACTOR.
- ALL STORM DRAINAGE CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE VILLAGE OF ROMEOVILLE AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

  1. ILLINOIS DEPARTMENT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
- CONSTRUCTION, LATEST EDITION.
- 11.2. STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION.
- 11.3 LOCAL MUNICIPAL REQUIREMENTS.
- ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
- PROPER TRANSITION TO BE PROVIDED FROM END OF PROPOSED STORM SEWERS, DITCHES, ROADWAY, ETC. TO EXISTING GRADE. RESTORATION OF DISTURBED AREAS OUTSIDE OF THE CONSTRUCTION LIMITS IS THE RESPONSIBILITY OF THE CONTRACTOR. AREAS FALL BE RESTORED TO PRECONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE OWNER.
- CONTRACTOR TO ADJUST ALL EXISTING UTILITY STRUCTURES TO PROPOSED
- INVERTS AT BOTTOM OF MANHOLES AND CATCH BASINS MUST BE
- ALL ROOF LATERALS OUT OF THE BUILDING SHALL BE 6" PVC SDR 35 UNLESS OTHERWISE NOTED.
- PROVIDE UNDERDRAINS FROM SEEPS OR SPRINGS ENCOUNTERED. EXTEND TO STORM SEWER SYSTEM OR DAYLIGHT AT THE BOTTOM OF THE FILL
- GRADES SHOWN ARE FINISHED GRADES. LANDSCAPED AREAS TO HAVE MINIMUM  $\,6\,$  INCHES OF TOPSOIL RESPREAD.
- 20. IN CASE OF ANY CONFLICT, MUNICIPAL SPECIFICATIONS, STANDARDS, AND DETAILS SHALL BE FOLLOWED.
- ALL DETENTION PONDS SHALL HAVE A TWO FOOT THICK CLAY LINER BETWEEN THE BOTTOM OF THE POND AND THE NORMAL WATER LEVEL.
- 22. ALL FLARED END SECTIONS SHALL HAVE A GRATE INSTALLED.
- "DUMP NO WASTE" AND "DRAINS TO CREEK".
- MUST BE UNIFORM, AND THERE SHALL NOT BE ANY CHANGE IN SLOPE OR REVERSAL OF SLOPE BETWEEN ANY TWO MARKED POINTS.
- 25. ALL OPEN LID GRATES IN GRASSY AREAS TO BE BEEHIVE STYLE GRATES, (IDOT TY. 8).
- 26. SPOT ELEVATIONS AT TIE IN TO EXISTING CURB OR PAVEMENT ARE APPROXIMATE, CONTRACTOR TO MATCH EXISTING ELEVATIONS

#### **WATER NOTES**

- ALL WATER MAIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, THE NOTES ON THE PLANS, AND IN ACCORDANCE WITH THE CODES AND ORDINANCES OF THE VILLAGE OF ROMEOVILLE ..
- ALL WATER SERVICES 2 INCHES AND SMALLER SHALL BE TYPE K-TYPE COPPER WITH NO COUPLINGS OTHER THAN FOR CURB STOPS TO BE INCLUDED IN THE INSTALLATION.
- ALL WATER MAINS 3 INCHES AND LARGER SHALL BE DUCTILE IRON PIPE CLASS 52 WITH EITHER MECHANICAL OR PUSH-ON JOINTS AND SHALL CONFORM TO ANSI A21.51, AWWA C151 AND ANSI A21.11, AWWA C111.
- ALL PIPE AND FITTINGS SHALL BE CEMENT LINED IN ACCORDANCE WITH
- ALL DIP WATER MAIN AND FITTINGS TO BE WRAPPED IN V-BIO
- ALL FIRE HYDRANTS, VALVE TEES, AND BENDS MUST BE BRACED BY THE USED OF THRUST BLOCKING. PIPE JOINTS SHALL BE IN CONFORMANCE TO ANSI A21.11 AND FITTINGS IN CONFORMANCE TO ANSI A21.10, A21.51 AN AWWA C-151. WHERE NECESSARY MECALUGS (EBAA IRON) SHOULD BE USED TO RESTRAIN THE JOINTS IN LIEU OF THRUST BLOCKING.
- ALL WATER MAIN IS REQUIRED TO HAVE A MINIMUM DEPTH OF  $5.5^{\prime}$  MEASURED FROM PROPOSED FINISHED GRADE TO TOP OF PIPE.
- ALL WATER MAIN MUST BE A MINIMUM OF 10' HORIZONTALLY FROM ANY SEWER LINES. IF THE NEW WATER MAIN IS PLACED WITHIN 10' OF AN EXISTING WATER SUPPLY, THE CONTRACTOR MUST FOLLOW ALL SPECIFICATIONS AND DETAILS FOUND IN "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS". THE SAME SEPARATION ALSO APPLIES TO ALL SEWER STRUCTURES.
- ALL WATER MAINS WILL BE STERILIZED AND BACTERIOLOGICAL TESTS ALL WATER MAINS WILL BE STEMILZED AND BACTERIOLOGICAL TESTS PERFORMED, IN ACCORDANCE WITH AWWA STANDARD C600, C601, AND C603 SPECIFICATION FOR DISINFECTING WATER MAINS, AND WILL NOT BE PUT IN SERVICE UNTIL A SATISFACTORY REPORT IS IN EVIDENCE. WHEN CHLORINATING WATER MAINS TERMINATING INTO BUILDINGS, NO WATER SAMPLES SHALL BE TAKEN FROM TEMPORARY OR UNCOMPLETED
- PRESSURE CONNECTIONS SHALL BE MADE WITH A SPLIT CASE TAPPING SLEEVE. THE VALVE ADJACENT TO THE PRESSURE TAP SHALL BE PLACED INSIDE A 5' VALVE VAULT.
- WATER VALVE VAULTS MUST BE A TYPE A STRUCTURE AND CONFORM TO THE SAME SPECIFICATIONS AS PREVIOUSLY DETAILED FOR SEWER CONSTRUCTION. ALL ADJUSTMENTS AND FRAMES SHALL BE SEALED TO PREVENT INFILITATION. ALL WATER VALVE VAULT LIDS, WHICH SHALL BE THE SAME HEAVY WEIGHT TYPE AS SPECIFIED FOR STORM SEWER, AND VALVE BOX LIDS SHALL BE IMPRINTED WITH THE WORD "WATER"
- 12. THE OPERATING NUT OF EACH VALVE SHALL BE LOCATED DIRECTLY BELOW THE MANHOLE OR VALVE ROW I IN
- VALVE BOX CONSTRUCTION AND MATERIALS SHALL CONFORM WITH ALL STANDARDS FOUND IN THE "STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF WATER AND SEWER MAIN IN ILLINOIS". VALVE BOXES SHALL BE SEALED AS TO NOT ALLOW THE ENTRANCE OF ANY LOOSE
- THE VALVE BOX SHALL BE PLACED VERTICAL WITH THE OPENING DIRECTLY ABOVE THE OPERATING NUT. ALL BOXES SHALL BE ADJUSTABLE WITH A MINIMUM OF  $6^{\prime\prime}$  OF ADJUSTMENT REMAINING, AFTER THE BOX HAS BEEN BROUGHT TO MATCH EXISTING GRADE.
- 15. A MINIMUM OF 18" MUST BE PRESENT BETWEEN THE CENTER OF THE AUXILIARY VALVE AND THE FRONT OF THE HYDRANT TO ENSURE PROPER WRENCH CLEARANCE. ALL HYDRANTS WILL BE BRACED USING POURED IN PLACE CONCRETE BEHIND THE HYDRANT. THE SOLE USE OF RODS FOR BRACING THE HYDRANT WITH CONCRETE SHALL COME IN CONTACT WITH THE WEEP HOLE OF THE HYDRANT. A MINIMUM OF 1/2 C.Y. OF WASHED STONE SHALL BE PLACED AROUND THE HYDRANT AT THE WEEP HOLE. THIS STONE SHALL THEN BE COVERED WITH FILTER FABRIC TO PREVENT SEDIMENT FROM CLOGGING TH
- 16. FIRE HYDRANTS SHALL EAST JORDAN WATER MASTER 5BR250 WITH 6" PLAIN END SHOE WITH ATTACHED 6" RESILIENT WEDGE MECHANICAL JOINT VALVE AND MUST INCLUDE STOREZ PUMPER CONNECTION ALONG WITH TWO 2-12" HOSE COSNNECTIONS.
- ALL VALVES MUST BE AMERICAN FLOW OR EAST JORDAN FLOW MASTER. ALL SIZES SHALL BE RESILIENT—SEALED GATE VALVES

#### **REQUIRED WATER TESTING**

ALL WATER MAIN AND SERVICE PIPE, FITTINGS, VALVES AND HYDRANTS SHALL BE SUBJECTED TO A HYDROSTATIC PRESSURE OF 150 PSI AFTER INSTALLATION. EACH SECTION OF WATER MAIN AND CONNECTIONS TO BE PRESSURE TESTED SHALL BE CAREFULLY FILLED WITH WATER TO EXPEL ALL TRAPPED AIR, AND THE TEST PRESSURE SHALL BE APPLIED BY USE OF A PUMP CONNECTED TO A TAP IN THE PIPE. THE TEST PRESSURE SHALL HOLD WITHOUT PRESSURE LOSS OR FURTHER PRESSURE APPLICATION FOR A DURATION OF TWO HOURS. IN THE EVENT OF A PRESSURE LOSS, THE CONTRACTOR SHALL LOCATE AND CORRECT ALL LEAKS, AND THEN REPEAT THE HYDROSTATIC PRESSURE TEST UNTIL SATISFACTORY TO THE VILLAGE OF ROMEOVILLE ENGINEER. THE DISTRIBUTED BE CONTACTED AT LEAST 24 HOURS PRIOR TO PRESSURE TESTING THE

#### DISINFECTION

AFTER THE WATER MAIN WORK HAS BEEN SATISFACTORILY COMPLETED, INCLUDING PRESSURE AND LEAKAGE TESTING, THE CONTRACTOR SHALL FURNISH EQUIPMENT AND CHEMICALS NECESSARY TO PROPERLY DISINFECT THE WORK IN ACCORDANCE WITH THE LATEST REVISION OF AWWA STANDARD C601, CHLORIN ACCORDANCE WITH THE LATEST REVISION OF AWMA STANDARD C601. CHLORINE WHICH MAY BE USED IN THE DISINFECTING SOLUTIONS IS CHLORINE GAS ONLY. DISINFECTING SOLUTIONS SHALL BE APPLIED BY CONTINUOUS FEED METHOD UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER, AND SHALL CONTAIN A MINIMUM OF 50 MILLIGRAMS PER LITER (mg/L) OF AVAILABLE CHLORINE. THE DISINFECTING SOLUTION SHALL BE RETAINED IN THE MAIN FOR A PERIOD OF NOT LESS THAN 24 HOURS AFTER WHICH THE WATER SHALL A PERIOD OF NOT LESS THAN 24 HOURS AFTER WHICH THE WALEN SHALL CONTAIN NO LESS THAN 25 mg/L CHLORINE THROUGHOUT THE NEW WORK. AFTER THE 24 HOUR RETENTION PERIOD, THE DISINFECTING SOLUTION SHALL BE FLUSHED FROM THE MAIN UNTIL THE CHLORINE CONCENTRATION IN THE WATER FLOWING FROM THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE OWNER'S SYSTEM, OR LESS THAN 1mg/L.

#### STORM SEWER

- ALL STORM SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, ADOPTED APRIL 1, 2016, AND REVISIONS THERETO, THE NOTES IN THE PLANS, AND IN ACCORDANCE WITH THE ORDINANCES OF THE VILLAGE OF ROMEOVILLE.
- ALL STORM SEWER SHALL BE CLASS IV REINFORCED CONCRETE PIPE CONFORMING TO ASTM C-361, PVC SDR-26, OR DUCTILE IRON PIPE CLASS 2. THE SANITARY SEWER SHALL BE TELEVISED BY THE CONTRACTOR AND A 52 AS CALLED OUT ON THE PLANS. TRENCH SHALL BE BACKFILLED WITH COMPACTED CA-7. RUBBER GASKETS SHALL BE USED.
- 3. ALL MANHOLES AND INLET STRUCTURES SHALL BE PRECAST REINFORCED CONCRETE MANUFACTURED TO A.S.T.M. DESIGNATION C-478
- 4. SEE DETAIL SHEET FOR MANHOLE FRAMES AND GRATES.
- AFTER THE STRUCTURE HAS PROPERLY SET AND PIPE HAS BEEN CONNECTED, ALL REMAINING OPENINGS TO THE STRUCTURE SHALL BE MORTARED. THIS INCLUDES BUT IS NOT LIMITED TO LIFT HOLES AND VOIDS AROUND CONNECTING PIPE. PRECAST ELEMENTS MUST BE SEALED WITH A BUTYL RUBBER JOINT SEALANT AND BE TUCKPOINTED WITH HYDRAULIC CEMENT. CONNECTING PIPE SHALL BE MORTARED ON BOTH THE INSIDE AND OUTSIDE OF THE STRUCTURE.
- ALL STRUCTURES SHALL HAVE THE ADJUSTMENT RINGS AND FRAME SEALED WITH A RUBBER GASKET. ADJUSTMENT RINGS SHALL BE RUBBER, EJIW INFRARISER OR APPROVED EQUAL.
- ALL STRUCTURES SHALL HAVE THE FRAME AND LID OR GRATE PARALLEL TO THE SURROUNDING GRADE LINE. CASTINGS SHALL NOT BE SET ON SLOPES IN LEVEL AREAS AND VICE VERSA. IF A CASTING IS TO BE PLACED ON A SLOPE (I.E. STEEP DRIVE APPROACH) IT SHALL BE PROPERLY SLOPED WITH THE USE OF CONCRETE MORTAR AND BRICKS. BITUMINOUS MASTIC IS PERMITTED WHEN COMBINED WITH THE USE OF CONCRETE OR MORTAR.
- 8. STORM SEWER JOINTS MUST BE FLEXIBLE GASKET O-RINGS PER ASTM C361.
- FOR CLOSED LID STRUCTURES, FRAME AND COVER SHALL BE EAST JORDAN 1022Z3 EMBOSSED WITH "STORM" AND "VILLAGE OF ROMEOVILLE".

#### SANITARY SEWER CONSTRUCTION

- ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, AND REVISIONS THERETO, THE NOTES AND ON HE PLANS, AND IN ACCORDANCE WITH CODES AND ORDINANCES OF THE VILLAGE OF ROMEOVILLE.
- THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY UNPOLLUTED WATER SUCH AS GROUND AND SURFACE WATER FROM ENTERING THE EXISTING SANITARY SEWERS.
- THE CONTRACTOR SHALL BE PROHIBITED FROM DISCHARGING ANY UNPOLLUTED WATER IN TO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OR FLOATING LINES FOR THE DEFLECTION TEST WITHOUT PRIOR APPROVAL.
- ALL SANITARY SEWERS 15" AND LESS IN DIAMETER SHALL BE PVC COMPOSITE SEWER PIPE, IN ACCORDANCE WITH A.S.T.M. D-2680, WITH PVC COMPOSITE SEWER PIPE I HAVING ELESTOMERIC SEALS, PER A.S.T.M. D-3112, OR EQUAL, OR PVC SEWER PIPE IN ACCORDANCE WITH A.S.T.M. D-3034 WITH ELASTOMERIC SEALS PER D-3212. SANITARY SEWER SERVICES SHALL BE PVC SDR 26 PIPE, IN CONFORMANCE WITH A.S.T.M. D-3034. PVC SHALL HAVE FLEXIBLE CONTACT. 866-639-ELASTOMERIC SEALS PER A.S.T.M. D-3212. WATER-MAIN-QUALITY SANITARY SEWERS TO COMPLY WITH ASTM D2241. SANITARY SEWER PIPES MUST BE PVC SDR 26 WHEN LESS THAN 15 FEET DEEP, PVC SDR 21 WHEN 15-20 FEET DEEP, AND PVC SDR 18 WHEN OVER 20 FEET DEEP.
- ALL MANHOLES SHALL BE PRECAST, REINFORCED CONCRETE SECTIONS, 48" INSIDE DIAMETER MINIMUM, WITH PRECAST, REINFORCED CONCRETE OFF-SET CONES, MANUFACTURED TO A.S.T.M. C-478. ALL SANITARY MANHOLES SHALL HAVE CRETEX OR APPROVED EQUAL INTERNAL GRADE ADJUSTMENT SKIRTS. ADJUSTMENT STO FINISHED GRADE SHALL BE ACCOMPLISHED USING EJIW INFRA-RISER OR APPROVED EQUAL, RUBBERIZED GRADE ADJUSTMENT SRINGS.
- WHEN UTILITY STRUCTURE ADJUSTMENT IS NECESSARY, A MINIMUM OF TWO AGENCY: ADJUSTING RINGS (MIN 6" ADJUSTING HEIGHT), AND MAXIMUM OF THREE RINGS (MAX 10" ADJUSTING HEIGHT), NO 1" OR 2" CONCRETE RINGS ARE ALLOWED, UNDER PAYED AREAS, TOP RING SHOULD BE RUBBER, USE ONE (1) EJIW INFRA-RISER RUBBER COMPOSITE.
- ALL STRUCTURES SHALL BE A TYPE A MANHOLE WITH A POURED BENCH AND TROUGH THE BENCH AND TROUGH OF THE STRUCTURE SHALL BE POURED CONCRETE, WITH A SMOOTH FINISH. THE BENCH SHALL BE A MINIMUM HEIGHT OF ONE—HALF OF THE DIAMETER OF THE CONNECTING PIPE AND EXTEND TO THE INSIDE WALLS OF THE MANHOLES. ANY CHANGE IN DIRECTION SHOULD BE MADE WITH THE USE OF ROUNDED TURNS. SHARP ANGLES WILL BE NOT BE PERMITTED IN THE REDIRECTION OF SEWER FLOW.
- SANITARY MANHOLE LIDS SHALL BE EAST JORDAN 102273 EMBOSSED WITH "SANITARY" AND "VILLAGE OF ROMEOVILLE". ALL SANITARY LIDS A REQUIRED TO BE SELF SEALING WITH A CONCEALED PICK HOLE.
- SANITARY SEWER MANHOLES WITH INTERNAL DROPS TWO FEET OR LESS SHALL HAVE A PRECAST CONCRETE TROUGH BUILT IN THE STRUCTURE TO OBTAIN A SMOOTH FLOW TRANSITION FROM THE UPSTREAM PIPE INVERT TO THE DOWNSTREAM PIPE INVERT.
- 10. BAND SEAL, OR SIMILAR COUPLINGS SHALL BE USED IN CONNECTING SEWER DISSIMILAR MATERIALS
- . WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN ENGINEERING EXISTING WYE, TEE OR AN EXISTING MANHOLE, ONE OF THE FOLLOWING METHODS SHALL BE USED:

  A. CIRCULAR SAW-CUT OF SEWER MAIN BY PROPER TOOL "SEWER TAP"

  HONG:
  ADDRESS:
- MACHINE (OR SIMILAR) AND PROPER INSTALLATION OF HUB—WYE SADDLE.

  REMOVE AN ENTIRE SECTION OF PIPE (BREAKING ONLY THE TOP OF ONE EMAIL:

  BELL) AND REPLACE WITH A WYE OR TEE BRANCH SECTION.

  WITH A PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT.
- C. WITH A PIPE CUTTER, NEATLY AND ACCURATELY CUT OUT DESIRED LENGTH OF PIPE FOR INSERTION OF PROPER FITTING USING "BAND SEAL" OR SIMILAR COUPLINGS TO HOLD IT FIRMLY IN PLACE.
- 12. WHERE A SEWER MAIN LATERAL OR BUILDING SERVICE SEWER CROSSES A WATERMAIN, A MINIMUM VERTICAL SEPARATION OF 18" SHALL BE PROVIDED BETWEEN THE TOP OF THE SEWER PIPE AND THE BOTTOM OF THE WATER PIPE. WHERE THE 18" VERTICAL SEPARATION IS NOT PROVIDED, THE SEWER SHALL BE CONSTRUCTED OF WATERMAIN QUALITY PIPE. ADDITIONALLY, THE SANITARY SEWER SHALL BE SUPPORTED AS INDICATED IN THE "STANDARD

#### REQUIRED SANITARY SEWER TESTING

- THE ENGINEER SHALL DETERMINE DURING CONSTRUCTION WHETHER INFILTRATION OR EXPILITATION TESTING SHALL BE REQUIRED. MAXIMUM ALLOWABLE INFILTRATION SHALL BE 100 CALLONS PER MILE PER INCH DIAMETER OF PIPE. THE USE OF A V—NOTCH WEIR OR A PLUG WITH TO MEASURE FLOWS SHALL BE DETERMINED BY THE ENGINEER PRIOR
- 3. ALL SANITARY SEWERS WILL BE AIR TESTED BY THE CONTRACTOR UNDER THE SUPERVISION OF THE VILLAGE OF ROMEOVILLE ENGINEER. ALL TESTOR WILL BE DONE IN CONFORMANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION.
- ALL SANITARY MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH ASTM C-1244-02 STANDARDS AND LEAKAGE TESTED IN ACCORDANCE WITH ASTM C-1969-94 & ASTM C-1244-93 STANDARDS.

#### **DEFLECTION TESTING FOR FLEXIBLE** THERMOPLASTIC PIPE

ALL PIPELINE SHALL BE TESTED FOR EXCESS DEFLECTION BY PULLING A "GO NO GO" MANDREL THROUGH THE PIPE FROM MANHOLE TO MANHOLE. THE MANDREL SHALL BE SIZED IN ACCORDANCE WITH THE TESTING LIMITS GIVEN BELOW, AND AS SPECIFIED IN THE SPECIAL PROVISIONS. A "DEFLECTOMETER" MAY ALSO BE USED TO CHECK AND RECORD DEFLECTION. WHEREVER POSSIBLE AND PRACTICAL, THE TESTING SHALL INITIATE AT THE DOWNSTREAM LINES AND PROCEED TOWARDS THE UPSTREAM LINES.

WHERE DEFLECTION IS FOUND TO BE IN EXCESS OF ALLOWABLE TESTING LIMITS WHERE DEFLECTION IS FOUND TO BE IN EXCESS OF ALLOWABLE LESTING LIMIT THE CONTRACTOR SHALL EXCAVATE TO THE POINT OF EXCESS DEFLECTION AND CAREFULLY COMPACT AROUND THE POINT WHERE EXCESS DEFLECTION WAS FOUND. THE LINE SHALL THEN BE RETESTED FOR DEFLECTION, HOWEVER, SHOULD AFTER THE INITIAL TESTING THE DEFLECTED PIPE FAIL TO RETURN TO THE ORIGINAL SIZE (INSIDE DIAMETER), THE LINE SHALL BE REPLACED.

SAMPLING SHALL BE PERFORMED ON ALL SEWER PIPELINE BY THE ENGINEER.

DEFLECTION LIMITS FOR FLEXIBLE THERMOPLASTIC PIPES:

DEFLECTION OF POLYVINYL CHLORIDE (PVC) PIPE SHALL NOT EXCEED 5.0% OF THE "BASE I.D." (INTEGRAL DIAMETER) OF THE PIPE. "BASE I.D." (INTEGRAL DIAMETER) OF THE PIPE. "BASE I.D." SHALL BE CALCULATED IN ACCORDANCE WITH THE FOLLOWING:

AVG ID = AVG OD - 2(1.06)T

TOLERANCE PACKAGE = (A2+B2+B2+C2)/2

A = OD TOLERANCE (ASTM D3034)
B = EXCESS WALL THICKNESS TOLERANCE = 0.06T
C = OUT OF ROUNDNESS TOLERANCE = 0.015 (AVERAGE OD) T = MINIMUM WALL THICKNESS (ASTM D3034)

BASE ID = AVG. ID - TOLERANCE PACKAGE

#### **UTILITY CONTACTS**

AGENCY: COMED NEW BUSINESS

AGENCY: NICOR ADDRESS: CONTACT: KIM BROWN

TELEPHONE SERVICE

AT&T ADDRESS: 630-573-5450

SANITARY SEWER SERVICE

VILLAGE OF ROMEOVILLE 615 ANDERSON DRIVE, ROMEOVILLE, IL 60446 815-886-1870 AGENCY EMAIL:

STORM SEWER SERVICE

VILLAGE OF ROMEOVILLE ADDRESS: 615 ANDERSON DRIVE, ROMEOVILLE, IL 60446 815-886-1870

WATER SERVICE

VILLAGE OF ROMEOVILLE 615 ANDERSON DRIVE, ROMEOVILLE, IL 60446 815-886-1870

ADDRESS:

VILLAGE OF ROMEOVILLE 615 ANDERSON DRIVE, ROMEOVILLE, IL 60446 JONATHON ZABROCKI, PE 815-886-1870

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#### VILLAGE OF ROMEOVILLE **MINIMUM CHLORINATION STANDARDS:**

- GAS CHIORINE MUST BE USED FOR DISINFECTION.
- THE CHLORINATION CONTRACTOR MUST CALL 815-886-1870 A MINIMUM OF 24-HOURS IN ADVANCE TO SCHEDULE CHLORINATION.
- ONLY VILLAGE OF ROMEOVILLE EMPLOYEES SHALL OPERATE WATER SYSTEM VALVES AND TURN ON/OFF SAMPLING WHIPS WHILE SAMPLES ARE BEING
- ALL CHLORINATION AND SAFETY EQUIPMENT MUST MEET OR EXCEED THE STANDARDS AND RECOMMENDATIONS SET BY THE CHLORINE INSTITUTE, INC.
- THE CHLORINATOR MUST BE A LICENSED PLUMBER OR CERTIFIED ILLINOIS WATER OPERATOR WITH A MINIMUM OF 5 YEARS EXPERIENCE WORKING WITH CHLORINE DISINFECTION OF WATER SUPPLY LINES.
- THE CHLORINATION CONTRACTOR MUST HAVE TWO PEOPLE PRESENT TO CHLORINATE. ONE TO MONITOR THE CYLINDER AND ONE TO MONITOR IN THE
- THE CHLORINATION CONTRACTOR MUST BE BONDED AND INSURED, AND HAVE PROOF OF BOTH ON FILE WITH THE VILLAGE.
- THE CHLORINATION CONTRACTOR MUST HAVE UPDATED 24-HOUR EMERGENCY PHONE NUMBERS ON FILE WITH THE VILLAGE.
- THE CHLORINATION CONTRACTOR MUST COMPLY WITH STATE AND FEDERAL REGULATIONS REGARDING TRANSPORTATION AND HANDLING OF CHLORINE CYLINDERS:
- SHIPPING AND EMERGENCY PAPERS FOR EVERY JOB LOCATION
- PROOF OF INSURANCE FOR HAULING AND HANDLING CHLORINE GAS
- COMMERCIAL DRIVER'S LICENSE WITH HAZMAT ENDORSEMENT AND MEDICAL CARD
- COPY OF EMERGENCY RESPONSE GUIDEBOOK IN VEHICLE HAZMAT CERTIFICATE OF REGISTRATION
- HAZARDOUS MATERIALS PLACARD DISPLAYED ON VEHICLE
- CYLINDER STRAPPED UPRIGHT IN TRUCK
- UNDER NO CIRCUMSTANCES WILL CHLORINE CONTRACTORS BE ALLOWED TO APPLY HEAT TO THE CHLORINE CYLINDER (I.E. HOT BATHS, PROPANE TORCHES, ETC.). WHILE THE CYLINDER IS BEING USED IT MUST BE IN A VERTICAL POSITION, AS WELL AS BEING AFFIXED TO A SOLID OBJECT.
- PRIOR TO CHLORINATION, THE CHLORINATION CONTRACTOR MUST PROVIDE A DETAILED WRITTEN CHLORINATION AND FLUSHING PLAN TO THE VILLAGE FOR REVIEW AND WRITTEN APPROVAL.
- AT ANY TIME, THE VILLAGE OR ITS AUTHORIZED REPRESENTATIVE MAY ASK FOR PROOF OF ANY OR ALL OF THE ABOVE INFORMATION. PLEASE CONTACT THE VILLAGE OF ROMEOVILLE PUBLIC WORKS DEPARTMENT (815-886-1870) WITH ANY QUESTIONS.

#### FINAL ACCEPTANCE AND **TESTING OF SANITARY SEWER**

BEFORE FINAL ACCEPTANCE, THE SANITARY SEWERS SHALL BE TESTED IN ACCORDANCE WITH SECTION 31–1.11 OF THE 'STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS'. SPECIFICALLY, ALL PIPELINES CONSTRUCTED OF FLEXIBLE MATERIALS SHALL BE SUBJECT TO AIR EXFLITATION TESTS, TELEVISING TEST, AND DEFLECTION TEST. THE DEFLECTION TEST SHALL BE PERFORMED NO SOONER THAN THIRTY (30) DAYS OF THE BACKFILLING OPERATION AND SHALL CONSIST OF MEASURING THE PIPE FOR VERTICAL RING DEFLECTION. MAXIMUM RING DEFLECTION OF THE PIPELINE UNDER LOAD SHALL BE LIMITED TO FOR (5) PERFORM OF THE THERMAL PIPELINE. VERTICAL RING DEFLECTION. MAXIMOM RING DEFLECTION OF THE MIPELINE UNDEL LOAD SHALL BE LIMITED TO FIVE (5) PERCENT OF THE INTERNAL PIPE DIAMETER. ALL PIPE EXCEEDING THIS DEFLECTION SHALL BE CONSIDERED TO HAVE REACHED THE LIMIT OF ITS SERVICEABILITY AND SHALL BE RE-LAID OR REPLACED BY THE DEVELOPER. DEFLECTION TESTING SHALL BE ACCOMPLISHED BY PULLING A MANDREL, SPHERE, OR PIN-TYPE "GO / NO-GO" DEVICE, WITH A DIAMETER EQUAL TO NINETY-FIVE (95) PERCENT OF THE UNDEFLECTED INSIDE DIAMETER OF THE FLEXIBLE PIPE, THROUGH THE PIPELINE. IN ADDITION, ALL DIAMETER OF THE FLESHEL PIPE, THROUGH THE FIFELINE. IN ADDITION, ALL SANITARY SEWER HAVING A DIAMETER OF EIGHT (8) INCHES OR GREATER SHALL BE TELEVISED. COPIES OF ALL VIDEO TAPES MUST BE SUBMITTED TO THE VILLAGE OF ROMEOVILLE.

#### **FINAL TESTING OF SANITARY SEWER MANHOLES**

VACUUM TESTING SHALL BE CARRIED OUT IMMEDIATELY AFTER ASSEMBLY AND VACUUM TESTING SHALL BE CARRIED OUT IMMEDIATELY AFTER ASSEMBLY AND PRIOR TO BACKFILLING OF MANHOLES THAT ARE UP TO SEVENTY—TWO (72) INCHES IN DIAMETER. ALL LIFT HOLES SHALL BE PLUGGED WITH A NON—SHRINK GROUT, OR RUBBER PLUG. THE MANHOLE FRAME AND ADJUSTING RINGS AND CHIMNEY SEALS SHALL BE IN PLACE BEFORE TESTING. NO GROUT SHALL BE PLACED IN THE HORIZONTAL JOINTS. ALL PIPES ENTERING THE MANHOLE SHALL BE PLUGGED, TAKING CARE TO SECURELY BRACE THE PLUGS FROM BEING DRAWN INTO THE MANHOLE SHALL BE PLUGGED. TAKING CARE TO SECURELY BRACE THE PLUGS FROM BEING DRAWN INTO THE MANHOLE FOR JETMICS AVAILABLE OF THE ADJUSTING SHALL TEST ALL MANHOLES FOR JETMICS AND THE STATEMENT OF THE ADJUSTING SHALL TEST ALL MANHOLES FOR JETMICS AND THE STATEMENT OF THE ADJUSTING SHALL TEST ALL MANHOLES FOR JETMICS AND THE STATEMENT OF THE ADJUSTING SHALL TEST ALL MANHOLES FOR JETMICS AND THE STATEMENT OF THE ADJUSTING SHALL TEST ALL MANHOLES FOR JETMICS AND THE STATEMENT OF THE ADJUSTING SHALL TEST ALL MANHOLES FOR JETMICS AND THE STATEMENT OF THE ADJUSTING SHALL THE ADJUSTING SHALL THE STATEMENT OF THE ADJUSTING SHALL THE ADJUSTING SHALL THE STATEMENT OF THE ADJUST OF T DRAWN INTO THE MANHOLES FOR LEAKAGE. A VACUUM TESTING, VALUUM TESTING SHALL TEST ALL MANHOLES FOR LEAKAGE. A VACUUM OF TEN (10) INCHES OF MERCURY SHALL BE PLACED ON THE MANHOLE AND THE TIME MEASURED FOR THE VACUUM TO BROP TO NINE (9) INCHES OF MERCURY. THE VACUUM DROP SHALL NOT EXCEED THE REQUIREMENTS SHOWN IN TABLE 1 OF ASTM C1244-O2. IT TESTING FAILS, DEVELOPER SHALL SEAL ALL LEAKS AND RETEST UNTIL ACCEPTABLE. THE TESTING SHALL BE COMPLETED PRIOR TO BACKFILLING (WHENEVER POSSIBLE) SO THAT ANY LEAKS CAN BE FOUND AND FIXED EXTERNALLY, AND TO GIVE THE HORIZONTAL MANHOLE JOINTS AN OPPORTUNITY

#### FLOW MONITORING PRIOR TO **ACCEPTANCE**

FOR A PERIOD OF TWO MONTHS (ENCOMPASSING AT LEAST TWO MAJOR STORM EVENTS) TO IDENTIFY ANY EXCESSIVE INFLOW/INFILITATION OCCURRING IN THE SYSTEM. THE DATA MUST BE SUBMITTED TO THE VILLAGE OF ROMEOVILLE PRIOR TO ACCEPTANCE OF THE PUBLIC IMPROVEMENTS.

#### VILLAGE OF ROMEOVILLE **WATER NOTES:**

#### VALVE VAULTS:

- · ALL VALVE VAULTS SHALL BE A MINIMUM OF 5' DIAMETER.
- FRAME AND COVER SHALL BE EAST JORDAN #1022Z3 EMBOSSED WITH 1020A HD "WATER" AND "VILLAGE OF ROMEOVILLE."
- -ALL JOINTS NEED TO BE EXTERNALLY WRAPPED WITH MACW RAP OR EQUAL.
- RUBBER GASKETED BOOTS ARE REQUIRED FOR ALL PENETRATIONS THROUGH THE MANHOLE WALL.
- · INTERNAL/EXTERNAL CHIMNEY SEALS ARE REQUIRED.
- MINIMUM OF TWO ADJUSTING RINGS (MIN 6" ADJUSTING HEIGHT) AND MAXIMUM OF THREE RINGS (MAX 10" ADJUSTING HEIGHT). NO 1" OR 2" CONCRETE RINGS ARE ALLOWED. UNDER PAVED AREAS, TOP RING SHOULD BE RUBBER. USE ONE (1) EJIW INFRA-RISER RUBBER COMPOSITE ADJUSTMENT RISERS (1" TO 3" MAX HT. OF STACKED RISERS).
- PRECAST CONCRETE MANHOLES FOR WATER VALVE INSTALLATIONS MUST BE INCLUDED ON THE ENGINEERING PLANS IF A VALVE VAULT IS REQUIRED. - MANHOLES MUST CONFORM TO THE LATEST REQUIREMENTS OF ASTM C478.
- NEVER TRANSPORT SECTIONS TO THE SITE UNTIL THEY HAVE CURED FOR AT LEAST TEN (10) DAYS.
- MARK EACH PIECE PLAINLY WITH MANHOLE NUMBERS AND DATE OF MANUFACTURE SO IT CAN BE INSTALLED IN THE PROPER LOCATION, AS SHOWN ON THE PLANS.
- MAKE SURE FACTORY—INSTALLED CUTOUTS IN THE BOTTOM SECTION ARE APPROPRIATE FOR THE PIPE BEING LAID.
- •PIPE CONNECTIONS AT MANHOLE CUTOUTS SHOULD BE EQUIPPED WITH RUBBER BOOTS TO ENSURE A WATERTIGHT CONNECTION. MATERIAL SHALL BE EQUAL TO KOR—N—SEAL CONNECTOR, AS MANUFACTURED BY NPC, INC.
- NPC, INC.

  JOINT SEALANT FLEXIBLE RUBBER SEALANT FOR JOINTS IN PRE—CAST MANHOLE SECTIONS SHALL PROVIDE PERMANENTLY FLEXIBLE WATERTICHT JOINTS, SHALL REMAIN WORKABLE OVER A WIDE TEMPERATURE RANGE AND SHALL NOT SHRINK, HARDEN OR OXIDIZE UPON AGING, MATERIAL SHALL BE EQUAL TO TYLOX SUPERSEAL AND SHALL MEET ASTM C 443 AND ASTM C 361 REQUIREMENTS.
- THE FRAME FOR THE LID SHALL BE INSTALLED WHEN CONE SECTION IS CAST.
- · HEAT-SHRINKABLE ENCAPSULATION FOR EXTERNAL WRAPPING OF ALL JOINTS: WRAPID SEAL AS MANUFACTURED BY CANUSA CPS, BIDCO EXTERNAL JOINT WRAP AS MANUFACTURED BY NPC, OR APPROVED EQUAL.

#### WATER SPECIFICATIONS:

- PLEASE BE CONSCIOUS OF DAMAGING THE PAINT ON THE HYDRANTS DURING INSTALLATION. THE VILLAGE OF ROMEOVILLE HAS FOUND THAT THE PAINT ON THE HYDRANTS CAN BEEN DAMAGED DURING BACKFILLING, IF REQUESTED BY THE VILLAGE OF ROMEOVILLE WATER SUPERINFROIDENT, ANY HYDRANTS EXHIBITING EXCESSIVE ROCK DAMAGE WILL BE SAND BILASTED AND REPAINTED BY AN APPROVED CONTRACTOR BRIDD TO ACCEPTANCE. PRIOR TO ACCEPTANCE.
- · A MINIMUM OF 48 HOURS PRIOR TO ANY WATER USAGES (I.E. FLUSHES, FILLS, ETC.), THE CONTRACTOR MUST CALL THE VILLAGE OF ROMEOVILLE'S WATER DEPARTMENT AT 815-886-1870 TO GET APPROVAL OF SAID USAGE. ANY UNAUTHORIZED USAGES WILL RESULT IN PENALTIES.
- ALL VALVES AND HYDRANTS SHALL BE SUBMITTED TO THE VILLAGE OF ROMEOVILLE WATER DEPARTMENT FOR WRITTEN APPROVAL PRIOR TO ORDERING.

#### VILLAGE OF ROMEOVILLE **SANITARY SEWER NOTES:**

ALL SANITARY SEWER MANHOLE CASTINGS, ADJUSTING RINGS AND MANHOLE SECTIONS SHALL BE SET IN BUTYL ROPE OR APPROVED EQUAL. EACH MANHOLE CONE AND BARREL SECTION JOINT SHALL ALSO BE EXTERNALLY SEALED WITH A 6" WIDE SEALING BAND OF RUBBER AND MASTIC. THE BAND SHALL HAVE AN OUTER LAYER OF RUBBER OR POLYETHYLENE WITH AN UNDERLAYER OF RUBBERIZED MASTIC MEETING THE REQUIREMENTS OF ASTM C-877-02 (STANDARD SPECIFICATION FOR EXTERNAL SEALING BANDS FOR CONCRETE, PIPE, MANHOLES, AND PRECAST BOX SECTIONS). PIPE CONNECTIONS TO NEW AND EXISTING MANHOLES THROUGH OPENINGS (CAST OR CORE-DRILLED) SHALL BE PROVIDED WITH A FLEXIBLE RUBBER WATERTIGHT CONNECTOR CONFORMING TO ASTM C-923 (STANDARD SPECIFICATIONS FOR RESILIENT CONNECTIONS BETWEEN REINFORCED CONCRETE MANHOLE STRUCTURES AND PIPES).

INTERNAL CHIMNEY SEALS SHALL BE RAVEN 581 BRUSH GRADE, A 100% SOLIDS, FLUID APPLIED POLYURIA ELASTOMER REPAIR MATERIAL AS APPLIED PER THE FOLLOWING: FOR SURFACE PREPARATION, SURFACES SHOULD BE THOROUGHLY CLEAN AND DRY. CONCRETE AND MORTAR MUST BE CURED AT LEAST 7 DAYS AND NO FROST OR WET CONDITIONS CAN BE PRESENT DURINIG INSTALLATION. REMOVE ALL LOOSE MORTAR AND FOREIGN MATERIAL. SURFACE MUST BE FREE OF LAITANCE, CONCRETE DUST, DIRT, FORM RELEASE AGENTS, MOISTURE CURING MEMBRANHS, LOOSE CEMENT AND HARDENERS, FILL BUG HOLES, AIR POCKETS AND OTHER VOIDS WITH STEEL—SEAM FT910. AFTER ENSURING THAT ALL SURFACES ARE CLEAN THE CHIMNEY SEAL COATING MATERIAL SHALL BE APPLIED EVENLY BY SPRAYING OVER THE ENTIRE CHIMNEY SEAL AREA INCLUDING THE FRAME JOINT AREA AND THE VERTICAL RISER OF THE MANHOLE CONE INCLUDING ALL EXTENSIONS TO THE CHIMNEY AREA. APPLICATION SHALL BE MADE IN ACCORDANCE WITH MANUFACTURERS'S RECOMMENDATIONS AND FILM SHALL BE ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND FILM SHALL BE APPLIED AT A WET MILS SPREADING RATE OF BETWEEN 100 TO 125 MILS. THE FINAL INTERNAL CHIMNEY SEAL SHALL PASS VISUAL INSPECTION AND BE COMPLETELY FREE OF PINHOLES OR VOIDS."

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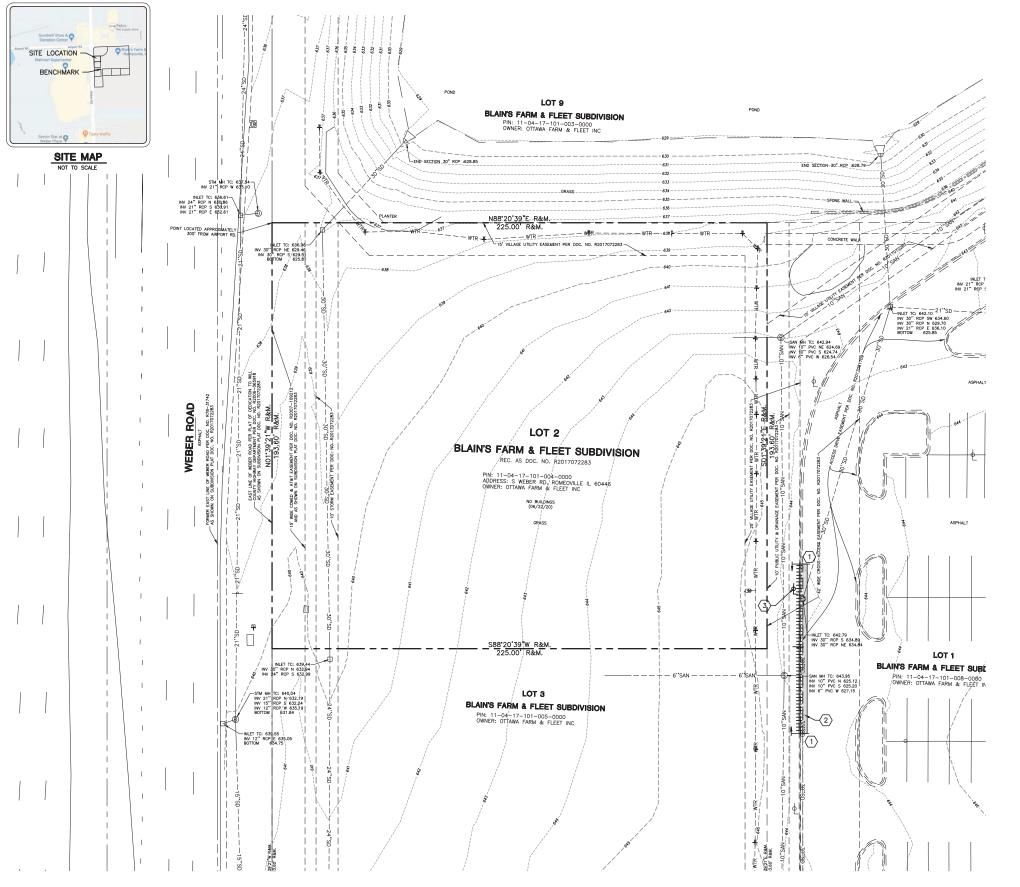
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THE DEVELOPER WILL BE REQUIRED TO MONITOR THE FLOWRATE FROM THE SITE



#### **EXISTING LEGEND**

UTILITY POLE

LIGHT POLE ← GUY WIRE

TELEPHONE PEDESTAL © STORM MANHOLE TRAFFIC SIGNAL PUL

S SANITARY MANHOLE TRAFFIC SIGNAL PULL BOX □ CURB INLET ☐ CATCH BASIN - SIGN A FIRE HYD. ⊗ WATER VALVE WATER MANHOLE
 SPRINKLER CONTROL VALVE ---- SD - STORM @ GAS METER ---- SAN - SANITARY ELEC. TRANSFORMER ---- wtr- water © ELECTRIC MANHOLE  $\underline{\underline{\phantom{A}}}\underline{\underline{$ ① TELEPHONE MANHOLE TO TOP OF CASTING ⊖ CLEANOUT

#### **DEMOLITION LEGEND**

THE THEFT THE THEFT TO SAWCUT AND REMOVE EXISTING CURB AND GUTTER

 $\fbox{2}$  REMOVE AND REPLACE PAVEMENT FOR SMOOTH TRANSITION

3 RELOCATE EXISTING LIGHT POLE, SEE SITE PLAN

#### **DEMOLITION NOTES**

- EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ACCORDING TO AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE PRESENCE AND LOCATION OF THE EXISTING UTILITIES AND REPAIRING ANY DAMAGE DONE TO THE UTILITIES DURING PROBING OR CONSTRUCTION.
- CALL J.U.L.I.E. (1-800-892-0123) FOR EXACT LOCATION OF UNDERGROUNDUTILITIES PRIOR TO CONSTRUCTION.
- 3. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR THE RELOCATION OF UTILITIES ON SITE OR CROSSING THE SITE TO SERVICE ADJACENT PROPERTIES. DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED AND USED BY OWNER OR OTHERS, DURING OCCUPIED HOURS, EXCEPT WHEN PERMITTED BY OTHERS.
- 4. DEMOLISH AND COMPLETELY REMOVE FROM SITE, EXISTING UNDERGROUND UTILITIES INDICATED TO BE REMOVED. COORDINATE WITH UTILITY COMPANIES FOR SHUT-OFF OF SERVICES, IF LINES ARE ACTIVE.
- 5. EXISTING PAVEMENT AND CONCRETE PAVEMENTS ARE TO BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER.
- 6. MATERIAL CREATED AS A RESULT OF BUILDING DEMOLITION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER.
- 7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL MUD, DIRT, GRAVEL, AND ANY OTHER MATERIALS TRACKED ONTO ANY PUBLIC OR PRIVATE STREETS OR SIDEWALKS. THE CONTRACTOR MUST USE WATER OR OTHER METHODS TO KEEP AIRBORNE DUST TO A REQUIRED MINIMUM.
- 8. PAVEMENT DAMAGED DUE TO THE REMOVAL OF EXISTING CURB SHALL BE SAWCUT, REMOVED AND REPLACED IN KIND.
- 9. A FULL DEPTH SAWCUT SHALL BE PROVIDED IN ALL AREAS WHERE PROPOSED PAVEMENT OR CURB AND GUTTER MEETS EXISTING PAVEMENT.
- 10. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF BENCHMARKS PRIOR TO THE START OF CONSTRUCTION.

THE BASIS OF LEVATIONS HEREON IS NAVD 88 PER OBSERVATIONS OF SELECTED STATIONS IN THE NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATION (NGS CORS) NETWORK.
BENCHMARK #1 - CROSS CUT ON SE BONNET BOLT OF FIRE HYDRANT SET - SEE DRAWING FOR LOCATION. ELEVATION = 648.73'

BENCHMARK #2 - CROSS CUT ON THE TOP OF THE BACK OF CONCRETE CURB - SEE DRAWING FOR LOCATION. ELEVATION = 644.75'

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY WOOLPERT, INC. AND DATED 06/25/20.

BENCHMARK ( @ ):



HEET NO.

SITE DEVELOPMENT PLANS
POPEYE'S RESTAURANT - ROMEOVILLE
LOT 2 - BLAIN'S FARM & FLEET, S WEBER ROAD

**EXISTING CONDITIONS - DEMO PLAN** 

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Simply Call 811

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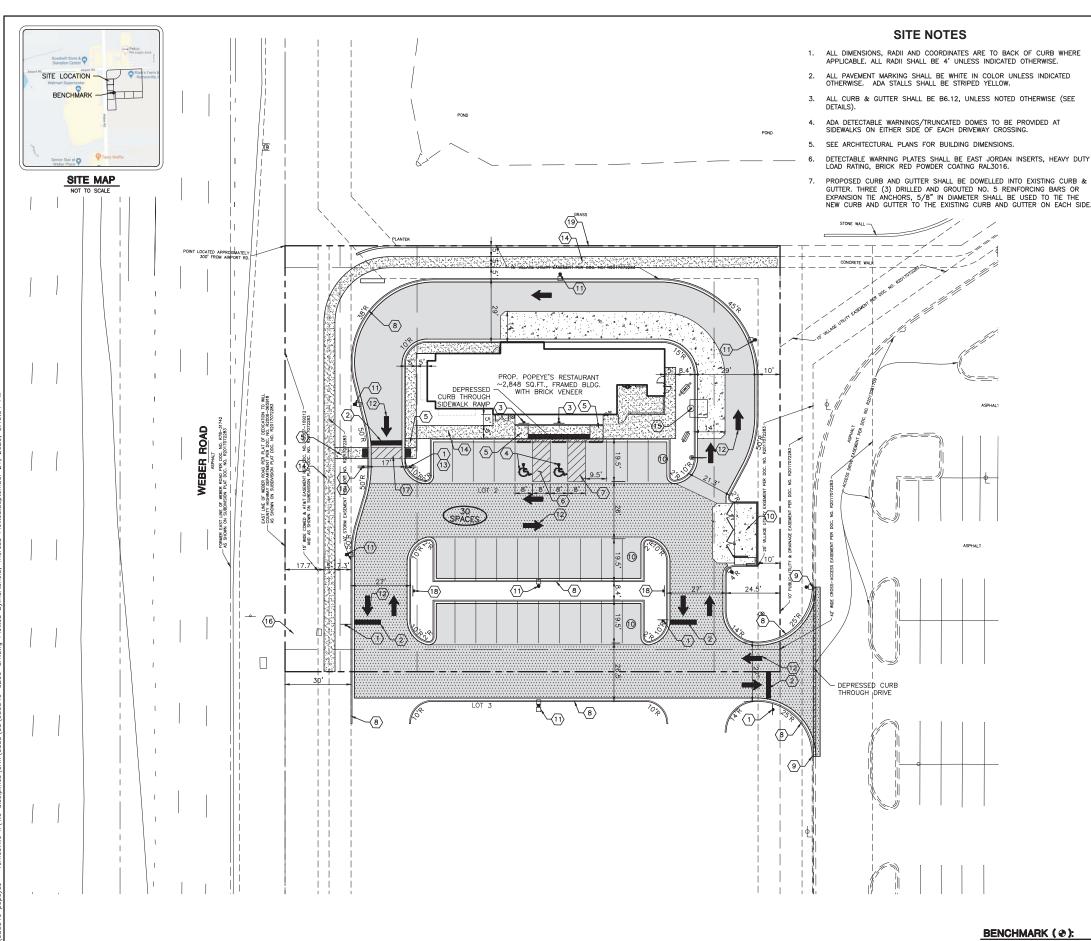
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#### SITE LEGEND

INDICATES LIGHT DUTY PAVEMENT—SEE DETAILS FOR PAVEMENT COMPOSITION

INDICATES HEAVY DUTY PAVEMENT—SEE DETAILS FOR PAVEMENT COMPOSITION

INDICATES NEW CONCRETE PAVEMENT/SIDEWALK-SEE DETAILS FOR PAVEMENT COMPOSITION

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====== EXISTING CURB AND GUTTER

PROPOSED CURB AND GUTTER, STANDARD PROPOSED CURB AND GUTTER, REVERSE PITCH INDICATES ROW PARKING COUNT



INDICATES PARKING TOTAL FOR SURROUNDING AREA

- - - PROPERTY BOUNDARY

SITE DATA				
PROPOSED SITE AREA	1.00 ACRES			
ZONING	B-3 HIGHWAY/REGIONAL SHOPPING DISTRICT			
PIN	1104171010050000			
BUILDING DATA:				
BUILDING AREA	2,848 SQ. FT.			
PROPOSED IMPERVIOUS AREA	0.70 AC			
PROPOSED GREEN SPACE	0.30 AC			
F.A.R.	0.06			
PARKING DATA:				
FLOOR AREA SERVING CUSTOMERS	±1,150 SF			
SPACES REQUIRED	23 (1 SPACE/50 SF FLOOF AREA)			
SPACES PROVIDED	30			
ACCESSIBLE SPACES REQUIRED	2			
ACCESSIBLE SPACES PROVIDED	2			

#### SITE KEY NOTES

DESCRIPTION

 $\langle 1 \rangle$ "STOP" SIGN, R1-1

2 24" WIDE STOP BAR, TRAFFIC WHITE PAINT

 $\langle 3 \rangle$ ACCESSIBLE PARKING SIGN

 $\langle 4 \rangle$ ACCESSIBLE PARKING SYMBOL

ACCESSIBLE RAMP WITH EJ DURALAST DETECTABLE WARNING PLATES, HEAVY DUTY, BRICK RED ACCESSIBLE PARKING SPACES & THEIR ACCESS AISLES SHALL BEE 2% MAX. SLOPE IN ALL DIRECTIONS (5)

 $\langle 6 \rangle$  $\langle 7 \rangle$ 

PAINT 4" WIDE STRIPES @ 2'-0" O.C. @ 45' ANGLE, TRAFFIC YELLOW PAINT

8 CURB AND GUTTER

BEGIN/END PROPOSED CURB AND GUTTER. SAWCUT EXISTING CURB TO PROVIDE CLEAN CONSTRUCTION JOINT. 9

(10) DUMPSTER ENCLOSURE (SEE ARCHITECTURAL PLANS)

(11) LIGHT POLE LOCATION

(12) DIRECTIONAL ARROW, TRAFFIC WHITE PAINT

(13) "DO NOT ENTER" SIGN

(14) CONCRETE SIDEWALK

(15) DRIVE THRU MENU BOARD AND SPEAKERS

(16)

CROSSWALK, PAINT 4" WIDE STRIPES AT 2' O.C. CENTERED ON ENTRY, TRAFFIC WHITE PAINT (17)

(18) "NO PARKING FIRE LANE" SIGN

(19) PROPOSED SHORT LANDSCAPE WALL

THE BASIS OF LEVATIONS HEREON IS NAVD 88 PER OBSERVATIONS OF SELECTED STATIONS IN THE NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATION (NGS CORS) NETWORK.
BENCHMARK #1 - CROSS CUT ON SE BONNET BOLT OF FIRE HYDRANT SET - SEE DRAWING FOR LOCATION. ELEVATION = 648.73'

BENCHMARK #2 - CROSS CUT ON THE TOP OF THE BACK OF CONCRETE CURB - SEE DRAWING FOR LOCATION. ELEVATION = 644.75'

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY WOOLPERT, INC. AND DATED 06/25/20.



SITE DEVELOPMENT PLANS
POPEYE'S RESTAURANT - ROMEOVILLE
LOT 2 - BLAIN'S FARM & FLEET, S WEBER ROAD HEET NO.

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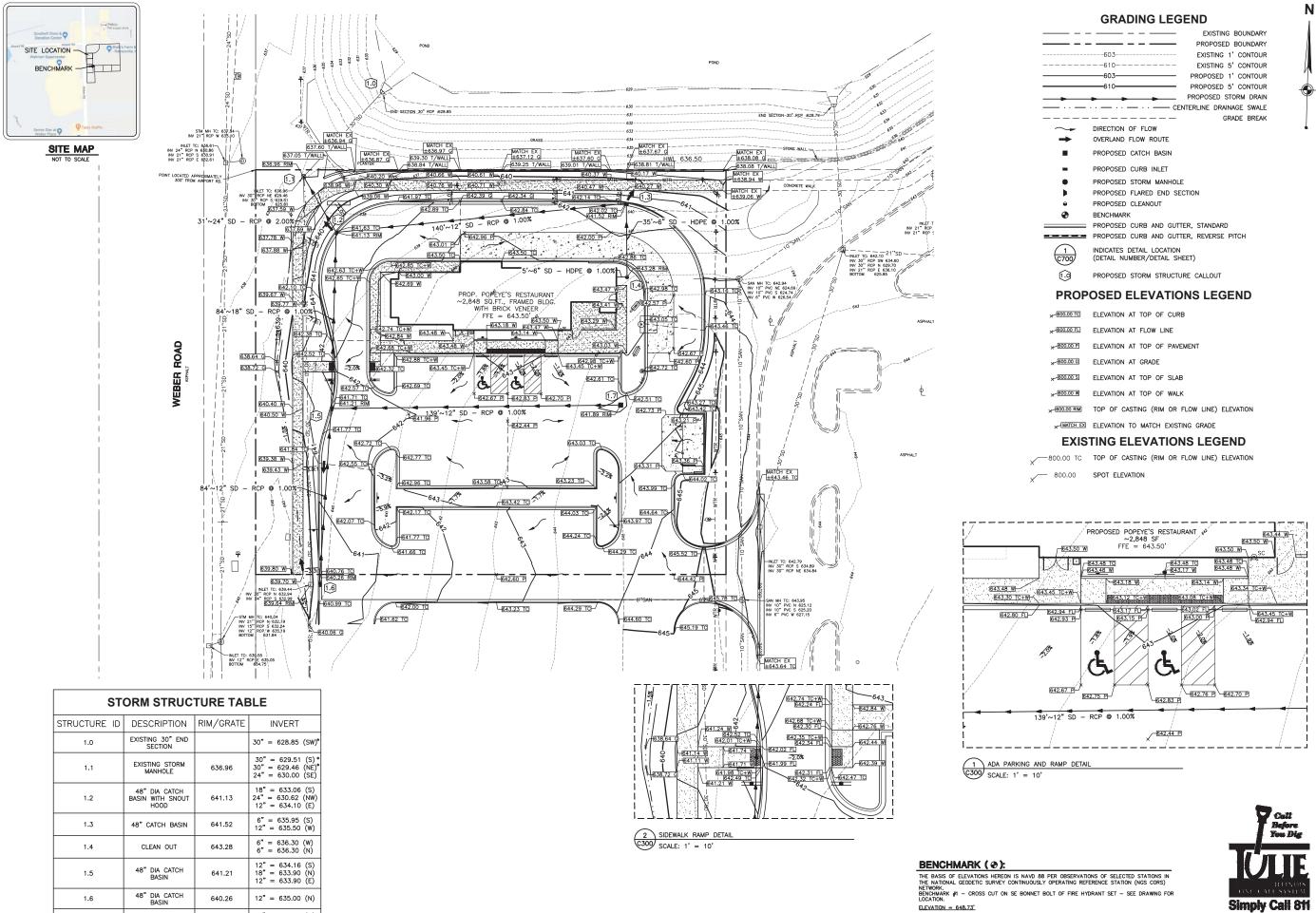
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IL 60181

1815 South Meyers R Suite 950 Oakbrook Terrace, IL 630.424.9080 FAX: 630.495.3731

WOOLPER

SITE PLAN



12" = 635.29 (W)

641.89

24" DIA INLET

\* VERIFY EXISTING INVERT PRIOR TO CONSTRUCTION. NOTIFY ENGINEER

1.7

BENCHMARK #2 - CROSS CUT ON THE TOP OF THE BACK OF CONCRETE CURB - SEE DRAWING FOR LOCATION.

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY WOOLPERT, INC. AND DATED 06/25/20.

ELEVATION = 644.75'

SITE I POPEYE'S F

HEET NO.

DEVELOPMENT PLANS
RESTAURANT - ROMEOVILLE
2- BLAIN'S FARM & FLEET, S WEBER ROAD

**GRADING PLAN** 

JECT No: 080346 E 07/31/20

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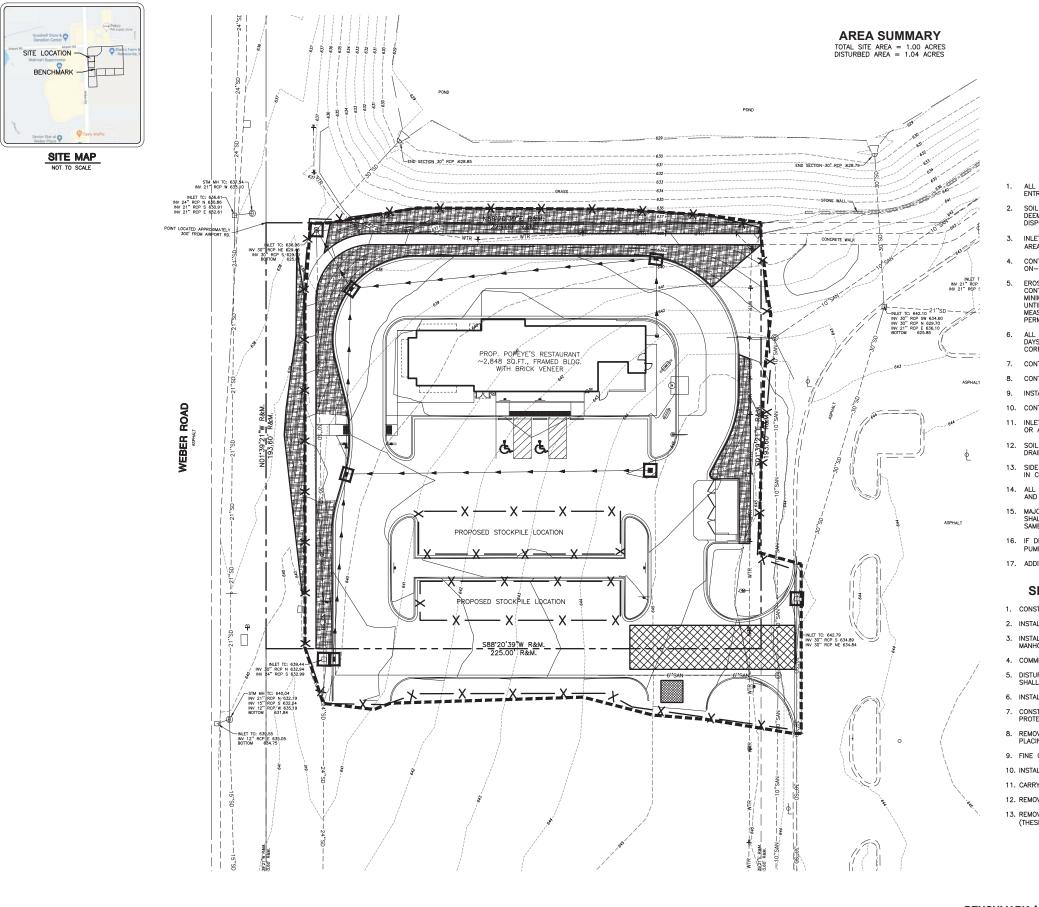
DR.

CKD.

IL 60181

1815 South Meyers F Suite 950 Oakbrook Terrace, IL 630.424.9080 FAX: 630.495.3731

M TOO



## **EROSION CONTROL LEGEND** — X — SILT FENCE STABILIZED CONSTRUCTION ENTRANCE TEMPORARY CONCRETE WASHOUT INLET PROTECTION

CURB INLET PROTECTION

CONSTRUCTION LIMITS EROSION CONTROL BLANKET

#### **EROSION CONTROL NOTES**

- ALL ACCESS TO AND FROM THE CONSTRUCTION SITE IS TO BE RESTRICTED TO THE CONSTRUCTION ENTRANCE.
- SOIL TRACKED OFF-SITE BY CONSTRUCTION VEHICLES SHALL BE REMOVED FROM THE PAVEMENTS AS DEEMED NECESSARY BY THE MUNICIPAL ENGINEER AND SHALL BE RETURNED TO THE SITE OR DISPOSED OF IN AN APPROVED MANNER.
- INLET PROTECTION SHALL BE REMOVED AFTER THE SITE HAS BEEN PAVED AND ALL ISLANDS/GRASS AREAS HAVE BEEN MULCHED/SEEDED.
- CONTRACTOR SHALL CLEAN ANY SEDIMENT THAT COLLECTS IN CHANNEL AND INLETS OR IS DEPOSITED ON-SITE PRIOR TO REMOVAL OF EROSION CONTROL MEASURES.
- EROSION CONTROL DEVICES AS SHOWN ARE THE MINIMUM PROTECTION REQUIREMENTS. THE CONTRACTOR IS REQUIRED TO INSTALL ADDITIONAL DEVICES FOR PROTECTION AT HIS EXPENSE TO MINIMIZE EROSION OF LOCAL REQUIREMENTS. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL THE SITE IS PERMANENTLY STABILIZED. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS OF FINAL SITE STABILIZATION IS ACHIEVED AND PERMANENT STABILIZATION IS INSTALLED.
- ALL EROSION CONTROL STRUCTURES SHALL BE INSPECTED AND MAINTAINED AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF A SIGNIFICANT RAINFALL. RECORDS OF THESE INSPECTIONS AND CORRECTIVE ACTIONS TAKEN SHALL BE MAINTAINED ON FILE IN THE CONSTRUCTION OFFICE.
- 7. CONTRACTOR SHALL PREVENT SEDIMENT FROM LEAVING THE SITE.
- 8. CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
- INSTALL ADDITIONAL CONTROL MEASURES IF DEEMED NECESSARY BY ONSITE INSPECTION.
- 10. CONTRACTOR SHALL ESTABLISH PERMANENT SOIL STABILIZATION.
- 11. INLET PROTECTION SHALL BE AN INLET PROTECTOR MANUFACTURED BY MAR-MAC OR IPP INLET FILTER OR APPROVED EQUAL.
- SOIL STOCKPILES GREATER THAN 10 CUBIC YARDS MUST BE LOCATED AT LEAST 25' FROM ROADWAYS, DRAINAGE CHANNELS, WETLANDS, ETC.
- 13. SIDE SLOPES 12% OR GREATER SHALL BE STABILIZED WITH SOD, MAT OR EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING BY THE SITE CONTRACTOR.
- 14. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE OF THEIR INTENDED FUNCTION.
- 15. MAJOR AMENDMENTS OF THE SITE DEVELOPMENT OR EROSION AND SEDIMENTATION CONTROL PLANS SHALL BE SUBMITTED TO THE DEPARTMENT OF COMMUNITY DEVELOPMENT TO BE APPROVED IN THE SAME MANNER AS THE ORIGINAL PLANS.
- 16. IF DEWATERING DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. ALL PUMPED DISCHARGES SHALL BE ROUTED THROUGH APPROPRIATELY DESIGNED SEDIMENT TRAPS/BASINS.
- 17. ADDITIONAL SILT FENCE SHALL BE PROVIDED AROUND SOIL STOCKPILES.

#### **SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES**

- 1. CONSTRUCT TEMPORARY CONSTRUCTION EXITS AT LOCATIONS SHOWN.
- 2. INSTALL PERIMETER SILT FENCES IN THE LOCATIONS SHOWN.
- 3. INSTALL INLET PROTECTION AT THE LOCATIONS OF ALL GRATE INLETS, CURB INLETS, AND OPEN LID MANHOLES
- 4. COMMENCE SITE CLEARING, GRADING, AND PAVEMENT SUBGRADE PREPARATION.
- 5. DISTURBED AREA OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED.
- 6. INSTALL WATER MAIN AND SANITARY SEWER PIPING.
- 7. CONSTRUCT ALL CURB AND GUTTER, GUTTER INLETS, AREA INLETS, AND STORM SEWER MANHOLES, INLET PROTECTION MAY BE REMOVED TEMPORARILY FOR THIS CONSTRUCTION.
- 8. REMOVE INLET PROTECTION AROUND INLETS AND MANHOLES NO MORE THAN 48 HOURS PRIOR TO PLACING STABILIZED BASE COURSE.
- 9. FINE GRADE PAVEMENT SUBGRADE.
- 10. INSTALL BASE MATERIAL AS REQUIRED FOR PAVEMENT.
- 11. CARRY OUT FINAL GRADING AND SEEDING AND PLANTING.
- 12. REMOVE SILT FENCING ONLY AFTER ALL PAVING IS COMPLETE AND EXPOSED SURFACES ARE STABILIZED.
- 13. REMOVE TEMPORARY CONSTRUCTION EXITS ONLY PRIOR TO PAVEMENT CONSTRUCTION IN THESE AREAS (THESE AREAS TO BE PAVED LAST).

# BENCHMARK (⊕):

THE BASIS OF ELEVATIONS HEREON IS NAVD 88 PER OBSERVATIONS OF SELECTED STATIONS IN THE NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATION (NGS CORS) NETWORK.
BENCHMARK #1 - CROSS CUT ON SE BONNET BOLT OF FIRE HYDRANT SET - SEE DRAWING FOR LOCATION. ELEVATION = 648.73'

BENCHMARK #2 - CROSS CUT ON THE TOP OF THE BACK OF CONCRETE CURB - SEE DRAWING FOR LOCATION. ELEVATION = 644.75'

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY WOOLPERT, INC. AND DATED 06/25/20.



DEVELOPMENT PLAN; RESTAURANT - ROME 2-BLAIN'S FARM & FLEET, S WEBER ROAD SITE E'S I SIEYE OP

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**CONTROL PLAN** 

EROSION

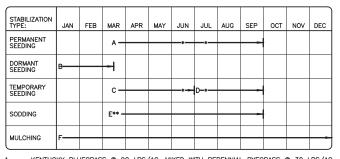
OWNER AND MAINTENANCE RESPONSIBILITY

HZ PROPS RE, LTD. 4415 HIGHWAY 6 SUGARLAND, TX 77478 CONTACT: AMIN DHANANI PHONE: 281.201.2700 **ENGINEERS CERTIFICATION** 

THIS EROSION CONTROL PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND COMPUES WITH, THE URBAN SOIL EROSION CONTROL AND STANDARDS IN ILLINOIS MANUAL (LATEST EDITION) AND THE CENERALLY RECOGNIZED METHODS IN USE IN THE AREA.

#### EROSION CONTROL REQUIREMENTS FOR COMPLIANCE WITH EPA'S GENERAL PERMIT FOR CONSTRUCTION

- 1. THE EROSION CONTROL MEASURES INCLUDED IN THE STORM WATER POLLUTION PREVENTION PLAN (GRADING/EROSION CONTROL PLAN AND EROSION CONTROL DETAILS) SHALL BE INSTALLED PRIOR TO INITIAL LAND DISTURBANCE ACTIVITIES OR AS SOON AS PRACTICAL SEDIMENT SHALL BE PREVENTED FROM DISCHARGING FROM THE PROJECT SITE BY INSTALLING AND MAINTAINING SILT FENCE, STRAW BALES, SEDIMENT BASINS, ETC. AS SHOWN ON THIS PLAN. IF SHOWN ON THESE PLANS, ENERGY-DISSIPATION DEVICES OR EROSION CONTROL AT THE OUTFALL OF THE STORM SEWER SYSTEM SHALL BE INSTALLED AT THE TIME OF THE CONSTRUCTION OF THE OUTFALL.
- THE CONTRACTOR SHALL CONTROL WASTES, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORM WATER RUNDFF, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIAL, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL IS REQUIRED. COMPLIANCE IS REQUIRED WITH ALL STATE OR LOCAL REGULATIONS REGARDING WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC SYSTEMS.
- 3. PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEARED OF ACCUMULATED SEDIMENT. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE POINT OF LIKELY ORIGIN OR OTHER SUITABLE LOCATION. SEDIMENT SHALL BE REMOVED AT THE END OF EACH WORKDAY.
- ALL ON-SITE STORM DRAIN INLETS SHALL BE PROTECTED AGAINST SEDIMENTATION WITH STRAW BALES, FILTER FABRIC, OR EQUIVALENT BARRIERS AS SHOWN ON THESE PLANS.
- EXCEPT AS PREVENTED BY INCLEMENT WEATHER CONDITIONS, ALL DISTURBED AREAS TO REMAIN INACTIVE FOR MORE THAN 14 DAYS SHALL BE STABILIZED BY SEEDING, SODDING, MULCHING, COVERING, OR BY OTHER EQUIVALENT EROSION CONTROL MEASURES WITHIN SEVEN (7) DAYS. PERMANENT SOIL STABILIZATION SHALL BE PROVIDED WITHIN 7 DAYS AFTER FINAL GRADE IS
- 6. THIS EROSION CONTROL PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL, AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED HEREIN.
- DURING THE PERIOD OF CONSTRUCTION ACTIVITY, ALL SEDIMENT BASINS AND OTHER EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR. AT COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE TRANSFER OF MAINTENANCE RESPONSIBILITIES, IF REQUIRED, WITH THE OWNER, MAINTENANCE SHALL BE IN ACCORDANCE WITH THE ILLINOSI ENVIRONMENTAL PROTECTION AGENCY STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, 1987, AND THE STORMWATER POLLUTION PREVENTION PLAN FOR THIS PROJECT
- 8. ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH ILLINOIS ENVIRONMENTAL PROTECTION AGENCY NPDES PERMIT FOR GENERAL CONSTRUCTION AND ALL PRACTICES WILL MEET OR EXCEED THOSE DETAILED IN THE ILLINOIS URBAN MANUAL.
- 9. EXISTING VEGETATION SHALL BE PROTECTED AS MUCH AS PRACTICAL.
- 10. ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED IN ACCORDANCE WITH THE CONDITIONS OF APPLICABLE NPDES PERMITS.
- 11. ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE REMOVED AND DISPOSED OF WITHIN THIRTY DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION.
- 12. THIS EROSION CONTROL PLAN MUST BE RETAINED ON-SITE AT ALL TIMES DURING THE PERIOD OF CONSTRUCTION.
- 13. STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH FROSION AND SEDIMENT CONTROL MEASURES (LE. PERIMETER SILT FENCE). STOCKPILES TO REMAIN IN PLACE FOR 21 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.
- 14. ACCESS TO THE CONSTRUCTION SITE SHALL BE LIMITED TO THE STABILIZED CONSTRUCTION ENTRANCE ONLY.
- 15. IF DEWATERING DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. ALL PUMPED DISCHARGES SHALL BE ROUTED THROUGH APPROPRIATELY DESIGNED SEDIMENT TRAPS OR BASINS.
- 16. ANY SEDIMENT REACHING THE STORM SEWER SYSTEM SHALL BE REMOVED FROM THE SEWER
- 17. ANY ERODED SEDIMENT CAPTURED IN DETENTION, RETENTION, OR DEPRESSION STORAGE AREAS SHALL BE REMOVED BY THE APPLICANT BEFORE PROJECT COMPLETION.
- 18. WIND EROSION AND CONTROLLING DUST ON THE PROJECT SITE SHALL BE ADDRESSED BY USING THE FOLLOWING METHODS (OR APPROVED EQUAL): FREQUENT WATERING OF EXCAVATION AND FILL AREAS.
- PROVIDE GRAVEL OR PAVING AT ENTRANCE/EXIT DRIVES, PARKING AREAS AND TRANSIT PATHS.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE OF THEIR INTENDED FUNCTION.
- 20. ALL STORM SEWER FRAMES AND GRATES/LIDS SHALL BE MARKED WITH "DUMP NO WASTE" AND
- 21. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING (NOT FLUSHING) BEFORE THE END OF EACH WORKDAY AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSÁL
- 22. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER THE FINAL SITE STABILIZATION IS ACHIEVED WITH PERMANENT SOIL STABILIZATION MEASURES.
- 23. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 7 CALENDAR DAYS FOLLOWING THE END OF ACTIVE DISTURBANCE OR REDISTURBANCE.



= KENTUCKY BLUEGRASS ® 90 LBS/AC. MIXED WITH PERENNIAL RYEGRASS ® 30 LBS/AC. = KENTUCKY BLUEGRASS ® 135 LBS/AC MIXED WITH PERENNIAL RYEGRASS ® 45

LBS/AC. PLUS 2 TON/AC. STRAW MULCH

SPRING OATS @ 100 LBS/AC.

WHEAT OR CEREAL RYE @ 150 LBS/AC

= STRAW MULCH @ 2 TONS/AC

= IRRIGATION NEEDED DURING JUNE AND JULY = IRRIGATION NEEDED FOR 2-3 WEEKS AFTER APPLYING SOD

SILT FENCE PLAN

FABRIC ANCHOR DETAIL

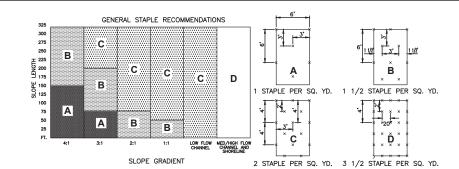
REF. = SCS "WATER MANAGEMENT AND SEDIMENT CONTROL FOR URBANIZING AREAS".

ENSURE 4" MINIMUM OF TOPSOIL FOR SEED BED PREPARATION. TYPE AND RATE OF LIME AND FERTILIZER APPLICATION SHALL MEET TYPICAL REQUIREMENTS FOR THE LOCAL SOILS.

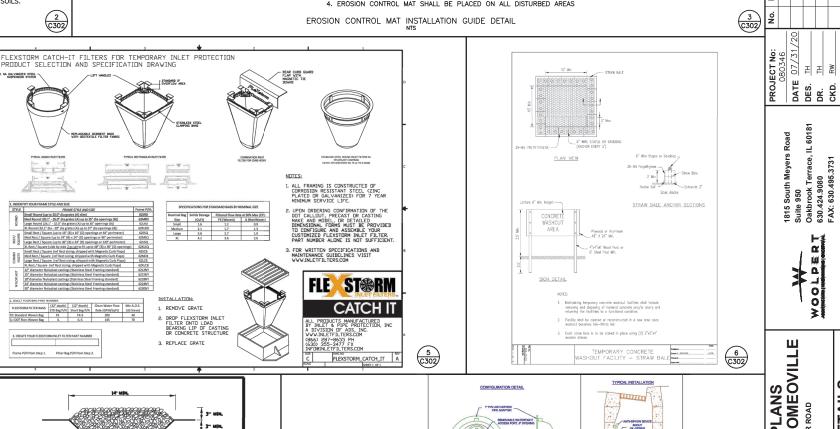
TYPICAL SOIL PROTECTION DETAIL NTS

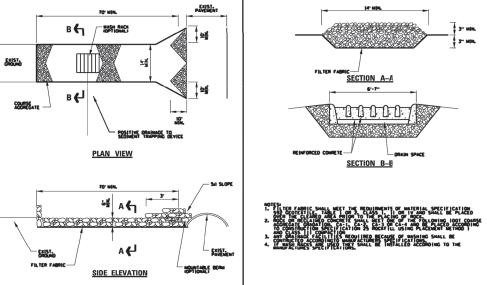
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(C302)



- CHANNEL LINING UTILIZE STAPLE PATTERN "C" WITH
   ADDITIONAL STAPLES ON SIDE SLOPES AT PROJECTED WATER
- 2. STAPLE PATTERNS APPLY TO ALL NORTH AMERICAN GREEN EROSION CONTROL BLANKETS. STAPLE PATTERNS MAY VERY DEPENDING UPON SOIL TYPE AND AVERAGE RAINFALL.
- 3. AT SLOPE LENGTHS GREATER THAN 300 FEET OR WHERE DRAINAGE OVER LARGE AREAS IS DIRECTED ONTO THE BLANKETS, STAPLE PATTERN "C" SHOULD BE UTILIZED.
- 4. EROSION CONTROL MAT SHALL BE PLACED ON ALL DISTURBED AREAS



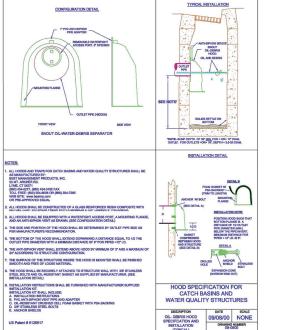


WILL COUNTY STORMWATER TECHNICAL MANUAL

STABILIZED CONSTRUCTION ENTRANCE

06/22/04

(7 (C302)



DEVELOPMENT PLAN: RESTAURANT - ROME: 2-BLAIN'S FARM & FLEET, S WEBER ROAD SITE E'S | LOT 2 SIN 0

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**DETAIL** 

CONTROL

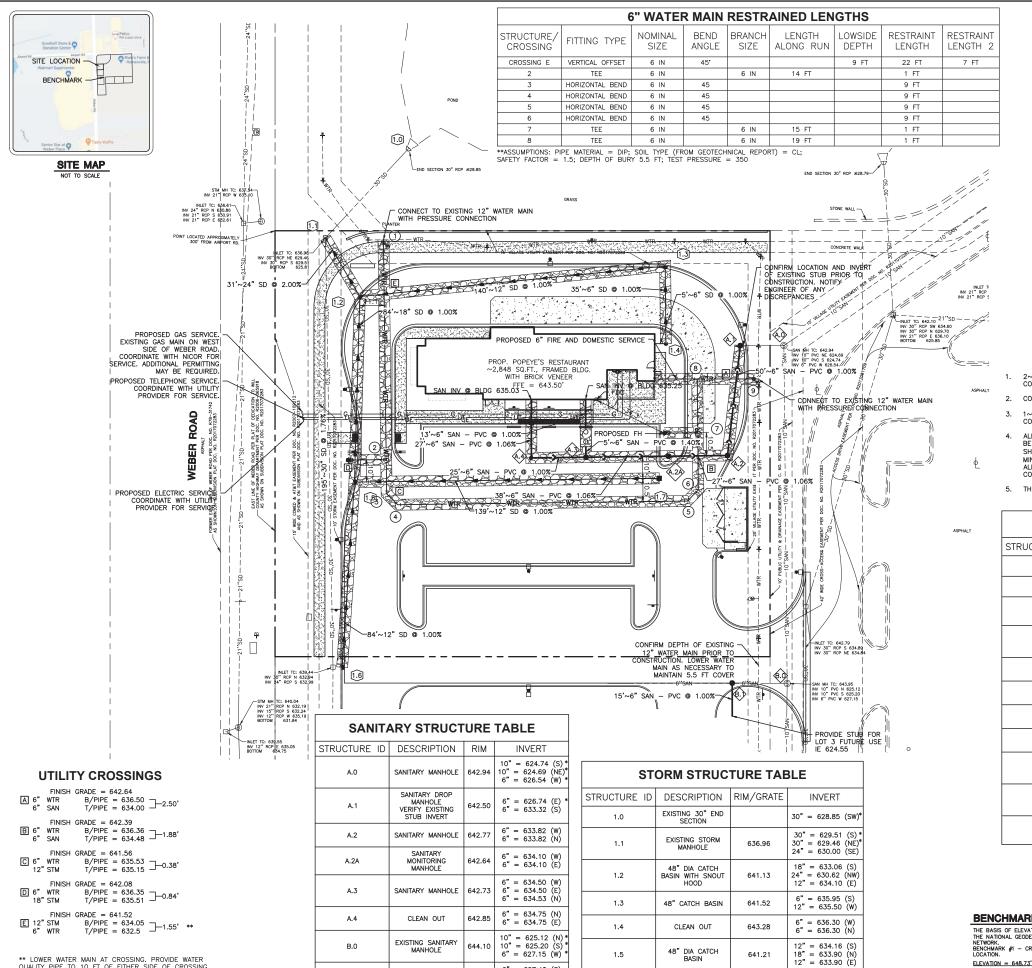
**EROSION** 

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(1) (C302)

C302 8 C302

HEET NO.



6" = 627.40 (S) 6" = 627.40 (E)

48" DIA CATCH BASIN

12" = 635.00 (N)

12" = 635.29 (W)

1.6

645.03

B.1

SANITARY MANHOLE

\* VERIFY EXISTING INVERT PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES

\*\* LOWER WATER MAIN AT CROSSING. PROVIDE WATER QUALITY PIPE TO 10 FT OF EITHER SIDE OF CROSSING

**UTILITY LEGEND** 

N

PROPOSED BOUNDARY - PROPOSED SANITARY SEWER PROPOSED STORM DRAIN PROPOSED WATER MAIN PROPOSED ELECTRIC PROPOSED GAS PROPOSED TELEPHONE

PROPOSED INLET

PROPOSED CURB INLET

PROPOSED CLEAN OUT

PROPOSED FIRE HYDRAN PROPOSED VALVE

PROPOSED VALVE VAULT

CA-6 BACKFILL

□ □ □ □ LIGHT POLES

(1) (2700) (DETAIL NUMBER/DETAIL SHEET)

PROPOSED SANITARY STRUCTURE CALLOUT

1.0 PROPOSED STORM STRUCTURE CALLOUT

PROPOSED WATER MAIN STRUCTURE CALLOUT PROPOSED UTILITY CROSSING CALLOUT

#### **UTILITY NOTES**

- 2. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR NATURAL GAS SERVICE.
- $1{\sim}4"$  Schedule 40 PVC conduit for locations under proposed pavement. Contractor to coordinate with utility provider for telephone service.
- ALL NEW AND EXISTING STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION OF THE WORK. ADJUSTMENTS UPWARD SHALL BE MADE USING PRECAST CONCRETE ADJUSTMENT RINGS. A MINIMUM OF 2 JUSTING RINGS, 6" MINIMUM ADJUSTING RINGS, 6" MINIMUM ADJUSTING HIGHT, AND MAXIMUM OF 3 RINGS, 10" MAXIMUM HEIGHT, NO 1" OR 2" RINGS ARE ALLOWED. UNDER PAVED AREAS, TOP RING SHALL BE RUBBER. USE ONE EJIW INFRA-RISER RUBBER COMPOSITE.
- 5. THE VILLAGE REQUIRES SUBMISSION OF RECORDED VIDEO INSPECTIONS OF ALL PUBLIC STORM SEWERS.

WATER STRUCTURE TABLE					
STRUCTURE ID	DESCRIPTION	RIM/RING	INVERT		
H1	FIRE HYDRANT ASSEMBLY	641.81	6" = 635.78 (E)		
H2	FIRE HYDRANT ASSEMBLY	642.92	6" = 638.89 (E)		
1	PRESSURE CONNECTION VALVE IN VAULT 5' DIA	638.78	6" = 632.66 (S)		
2	TEE		6" = 635.91 (N) 6" = 635.91 (S) 6" = 636.08 (W)		
3	45° BEND		6" = 635.58 (N) 6" = 635.58 (SE)		
4	45° BEND	·	6" = 635.80 (NW) 6" = 635.80 (E)		
5	45° BEND		6" = 636.64 (W) 6" = 636.64 (NE)		
6	45° BEND		6" = 636.61 (SW) 6" = 636.61 (N)		
7	TEE	****	6" = 636.39 (S) 6" = 636.39 (N) 6" = 636.39 (W)		
8	TEE		6" = 636.53 (S) 6" = 636.53 (E) 6" = 636.53 (W)		
9	PRESSURE CONNECTION VALVE IN VAULT 5' DIA	644.44	6" = 638.41 (W)		

### BENCHMARK (⊕):

THE BASIS OF ELEVATIONS HEREON IS NAVD 88 PER OBSERVATIONS OF SELECTED STATIONS IN THE NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATION (NGS CORS) NETWORK.
BENCHMARK #1 - CROSS CUT ON SE BONNET BOLT OF FIRE HYDRANT SET - SEE DRAWING FOR LOCATION. ELEVATION = 648.73'

BENCHMARK #2 - CROSS CUT ON THE TOP OF THE BACK OF CONCRETE CURB - SEE DRAWING FOR LOCATION. ELEVATION = 644.75'

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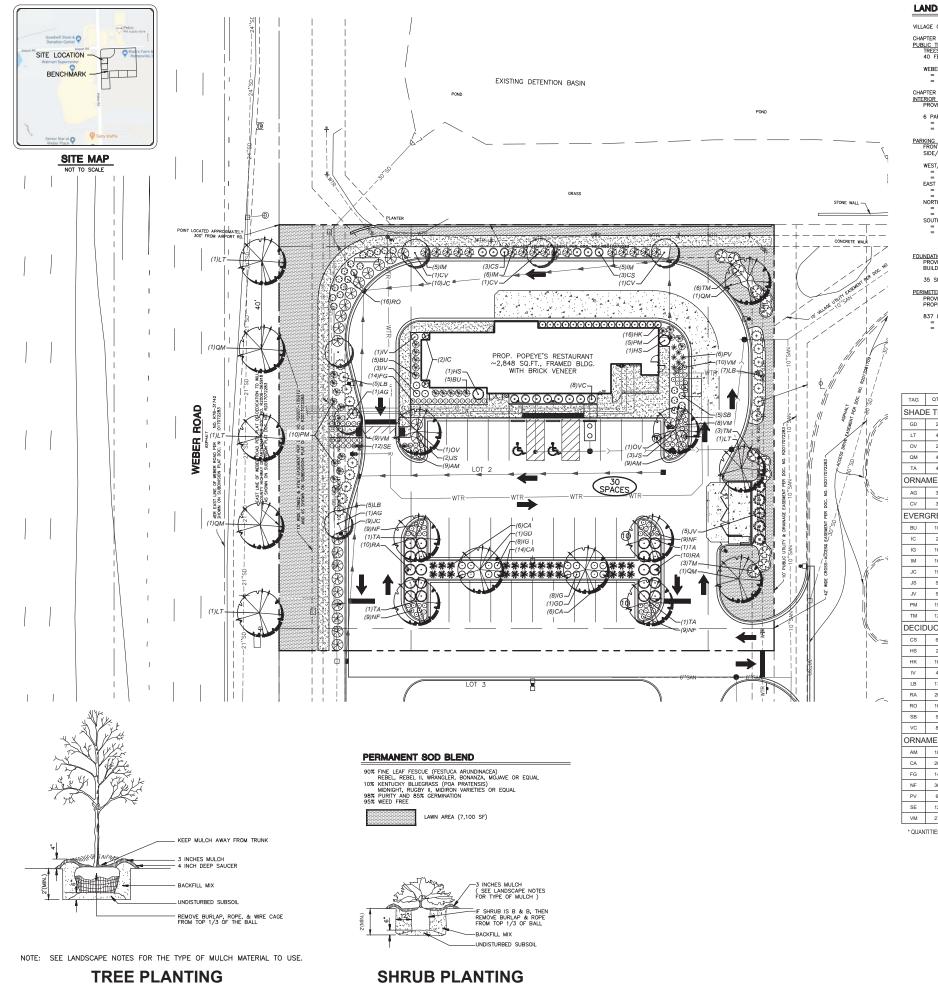
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DEVELOPMENT PLANS RESTAURANT - ROMEOVILL 2-BLAIN'S FARM & FLEET, S WEBER ROAD



#### LANDSCAPE CODE SUMMARY:

VILLAGE OF ROMEOVILLE, ILLINOIS CODE OF ORDINANCES

CHAPTER 158: DEVELOPMENT REGULATIONS

PUBLIC TREE PLANTING (158,034.D.2)
TREES SHALL BE PLANTED AT A MINIMUM OF 30 FEET AND MAXIMUM OF 40 FEET APART ALONG RIGHT-OF-WAYS

WEBER ROAD (193.6 LF)
= 4.8 TREES REQUIRED
= 5 SHADE TREES PROVIDED

CHAPTER 159: ZONING CODE INTERIOR PARKING LOT LANDSCAPING (159.030,D.6.b) PROVIDE ONE TREE AND GROUNDCOVER IN EACH ISLAND

6 PARKING LOT ISLANDS
= 6 TREES & GROUNDCOVER REQUIRED
= 6 SHADE TREES, 24 LOW SHRUBS, AND 54 PERENNIALS PROVIDED

PARKING LOT PERIMETER LANDSCAPING (159.030.D.6.c) FRONT YARD PROVIDE 60% SCREEN SIDE/REAR YARD PROVIDE 50% SCREEN

WEST/FRONT (178.1 LF)
106.8 LF OF SCREEN REQUIRED
= 31 SHRUBS PROVIDED
EAST (178.1 LF)
= 89.1 LF OF SCREEN REQUIRED
= 19 SHRUBS PROVIDED
NORTH (184 LF)
= 92 LF OF SCREEN REQUIRED
= 30 SHRUBS PROVIDED
SOUTH (184 LF)
= 92 LF OF SCREEN REQUIRED
= 30 SHRUBS PROVIDED
SOUTH (184 LF)
= 92 LF OF SCREEN REQUIRED
= 92 LF OF OF SCREEN REQUIRED
= 92 LF OF SCREEN REQUIRED
= WITHIN SHARED ACCESS

FOUNDATION LANDSCAPING (1.59.030.D.7)
PROVIDE 10 FT WIDE AREA OF LANDSCAPING AROUND PERIMETER OF BILLIDING

35 SHRUBS, 20 ORNAMENTAL GRASSES, & 18 PERENNIALS PROVIDED

PERIMETER LANDSCAPING (159.030.D.8)
PROVIDE ONE TREE FOR EVERY SEVENTY-FIVE (75) LINEAR FEET OF PROPERTY BOUNDARY

837 LF OF PROPERTY BOUNDARY
= 11.2 TREES REQUIRED
= 5 SHADE & 6 ORNAMENTAL TREES PROVIDED THROUGHOUT SITE

#### LANDSCAPE NOTES:

- 1. LOCATING AND PROTECTING ALL UNDERGROUND UTILITIES, PRIOR TO DIGGING, IS RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.

  2. PRIOR TO INSTALLATION. THE LANDSCAPE CONTRACTOR SHALL INSPECT THE SUB GRADE, GENERAL SITE CONDITIONS, VERIFY ELEVATIONS, UTILITY CONTRACTOR OF INSTALLATION. THE LANDSCAPE CONTRACTOR SHALL INSPECT THE SUB GRADE, GENERAL SITE CONDITIONS, VERIFY ELEVATIONS, UTILITY CONTRACTOR OF INSTALLATION. THE LANDSCAPE CONTRACTOR SHALL INSPECT THE SUB GRADE OF THE STATE OF INSTALLATION OF INSTALLATION OF ANY UNSATISFACTORY CONDITIONS. WORK SHALL NOT PROCEED UNTIL SUCH CONDITIONS HAVE BEEN CORRECTED AND ARE ACCEPTABLE TO THE LANDSCAPE CONTRACTOR AND/OR CONSTRUCTION MANAGER.

  3. GENERAL AND LANDSCAPE CONTRACTOR ARE RESPONSIBLE FOR CONTRACTOR AND/OR CONSTRUCTION MANAGER.

  5. GENERAL AND LANDSCAPE CONTRACTOR ARE RESPONSIBLE FOR THE LANDSCAPE CONTRACTOR AND AND AND AND STALL THEE PROTECTION FENCING PRIOR TO ANY SITE WORK.

  4. ALL SHRUB AND GROUNDCOVER BEES TO BE MULCHED WITH A MINIMUM OF 3 INCHES OF CLEAN SHREDDED HARDWOOD MULCH.

  5. PLANTING HOLES TO GE DUG A MINIMUM OF THE STATE OF THE STATE

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TAG	QTY	SCIENTIFIC NAME	COMMON NAME	COND.	SIZE	REMARKS	
SHAD	E TRE	E					II _
GD	2	Gymnocladus dioica 'Espresso'	Fruitless KY Coffeetree	B&B	2.5" cal. 14"ht. 7'wd	Full, well shaped	<u>2</u>
LT	4	Liriodendron tulipifera	Tuliptree	B&B	2.5" cal. 14"ht. 7'wd	Full, well shaped	🐉 🥳
OV	2	Ostrya virginiana	American Hophornbeam	B&B	2.5" cal. 14"ht. 7'wd	Full, well shaped	
QM	4	Quercus muhlenbergii	Chinkapin Oak	B&B	2.5" cal. 14"ht. 7'wd	Full, well shaped	ace ye
TA	4	Tilia americana 'Redmond'	Redmond American Linden	B&B	2.5" cal. 14"ht. 7'wd	Full, well shaped	
ORNA	MENT	AL TREE	•		•		1815 South Meyers Road Suite 950 Oakbrook Terrace, IL 60181
AG	3	Amelanchier x grandiflora 'Autumn Brilliance'	Apple Serviceberry	B&B	1.5" cal. 8'ht. 4'wd.	Full, well shaped, single-stem	Sour 950 prook
CV	3	Chionanthus virginicus	White Fringetree	B&B	6'ht. x 3'wd.	Full, well shaped, multi-stem	1815 South M Suite 950 Oakbrook Tei
EVER	GREE	N SHRUB	•			•	~ ~ ~ ~
BU	10	Buxus x 'Glencoe'	Chicagoland Green Boxwood	#3 cont.	18"ht. x 18"wd.	Full, vigorous	
IC	2	Ilex crenata 'Sky Pencil'	Sky Pencil Holly	#5 cont.	48"ht. x 18"wd.	Full, vigorous	ا ا
IG	16	Ilex glabra 'Shamrock'	Shamrock Inkberry Holly	#3 cont.	18"ht. x 18"wd.	Full, vigorous	1 1 1
IM	16	Ilex x meserveae 'Blue Prince'	Blue Prince Holly	#5 cont.	24"ht. x 24"wd.	Full, vigorous	ة 🏎 📗
JC	19	Juniperus chinensis 'Sea Green'	Sea Green Juniper	#5 cont.	24"ht. x 24"wd.	Full, vigorous	ıl ≸-
JS	5	Juniperus chinensis sargentii "Viridis"	Green Sargent Juniper	#3 cont.	12"ht. x 24"wd.	Full, vigorous	1 3
JV	5	Juniperus virginiana 'Cupressifolia'	Hillspire Juniper	#5 cont.	48"ht. x 24"wd.	Full, vigorous	' (
PM	15	Pinus mugo 'Slowmound'	Dwarf Mugo Pine	#3 cont.	18"ht. x 18"wd.	Full, vigorous	1 <b> </b> }
TM	12	Taxus x media 'Wardii'	Wards Yew	#5 cont.	24"ht. x 24"wd.	Full, vigorous	11
DECIE	DUOUS	SSHRUB					
CS	6	Cornus sericea 'Isanti'	Dwarf Redtwig Dogwood	#5 cont.	24"ht. x 24"wd.	Full, vigorous	н ш
HS	2	Hibiscus syriacus 'Blue Bird'	Blue Bird Rose of Sharon	#5 cont.	24"ht. x 24"wd.	Full, vigorous	ıı <b>∹</b>
НК	16	Hypericum kalmianum 'Blues Festival'	Blues Festival St Johns Wort	#3 cont.	18"ht. x 18"wd.	Full, vigorous	
IV	4	Itea virginica 'Little Henry'	Little Henry Sweetspire	#3 cont.	18"ht. x 18"wd.	Full, vigorous	LANS OMEOVIL
LB	17	Lindera benzoin	Spicebush	#5 cont.	24"ht. x 24"wd.	Full, vigorous	<u>ျ လ လ</u>
RA	20	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	#3 cont.	12"ht. x 24"wd.	Full, vigorous	IJ⋜Ш a
RO	16	Rosa 'Meicoublan'	White Meidiland Groundcover Rose	#3 cont.	12"ht. x 24"wd.	Full, vigorous	<b>₹</b>
SB	5	Spiraea betufolia 'Tor'	Tor Birchleaf Spirea	#3 cont.	18"ht. x 18"wd.	Full, vigorous	디즈오늘
VC	8	Viburnum carlesii 'Compacta'	Dwarf Koreanspice Viburnum	#5 cont.	24"ht. x 24"wd.	Full, vigorous	∐ºE ℃ ░
ORNA	MENT	AL GRASS / PERENNIAL / GROUNDO	OVER				IT PLAI - ROM
AM	18	Allium 'Millenium'	Ornamental Onion	#1 cont.			
CA	26	Calamagrostis x acutifolia 'Karl Foerster'	Feather Reed Grass	#2 cont.		Full, vigorous	II 별 목 Li
FG	14	Festuca glauca 'Elijah'	Elijah Blue Fescue	#2 cont.		Full, vigorous	PME
NF	36	Nepeta x faassenii 'Purrsian Blue'	Purrsian Blue Catmint	#1 cont.			Ⅱ
PV	6	Panicum virgatum 'Hot Rod'	Hot Rod Switchgrass	#2 cont.		Full, vigorous	IJY⊃∑
SE	12	Sedum 'Autumn Joy'	Autumn Joy Stonecrop	#1 cont.			୲୷⋖ୢ
VM	27	Vinca minor 'Bowles'	Periwinkle	#1 cont.			
* QUAN	TITIES AF	RE PROVIDED FOR CONVENIENCE ONLY, CONTRACTOR	S RESPONSIBLE FOR ALL QUANTITIES	OF PLANTS ON LA	NDSCAPE PLAN.		DEVELOPMEN RESTAURANT 2-BLAIN'S FARM & FLEET, S

### BENCHMARK (⊕):

THE BASIS OF ELEVATIONS HEREON IS NAVD 88 PER OBSERVATIONS OF SELECTED STATIONS IN THE NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATION (NGS CORS) NETWORK.
BENCHMARK #1 — CROSS CUT ON SE BONNET BOLT OF FIRE HYDRANT SET — SEE DRAWING FOR LOCATION. ELEVATION = 648.73'

BENCHMARK #2 - CROSS CUT ON THE TOP OF THE BACK OF CONCRETE CURB - SEE DRAWING FOR LOCATION. ELEVATION = 644.75'

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY WOOLPERT, INC. AND DATED 06/25/20.

Simply Call 811

HEET NO.

SITE EYE'S F

POP

C500

DATE DES. DR. CKD.

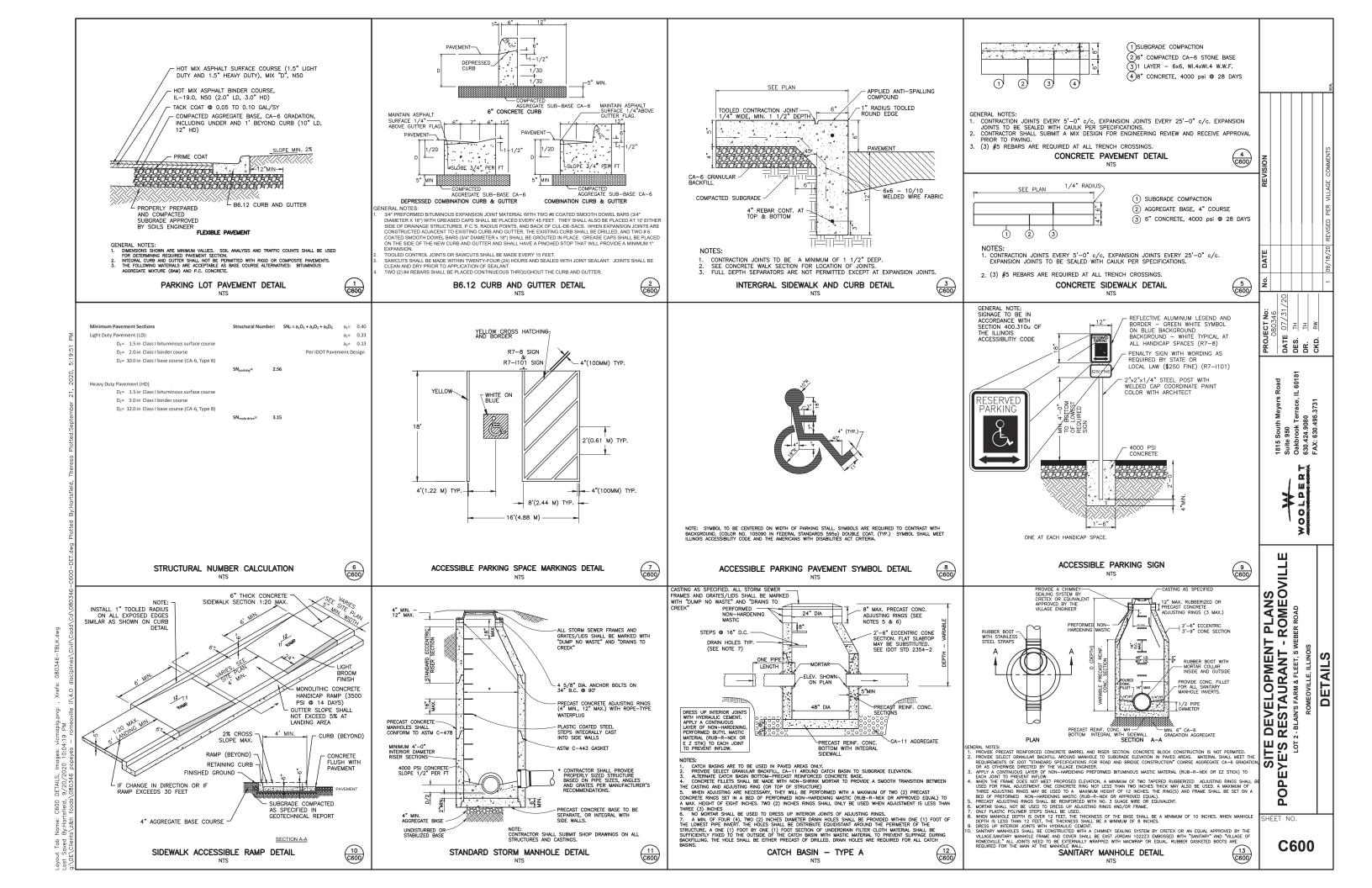
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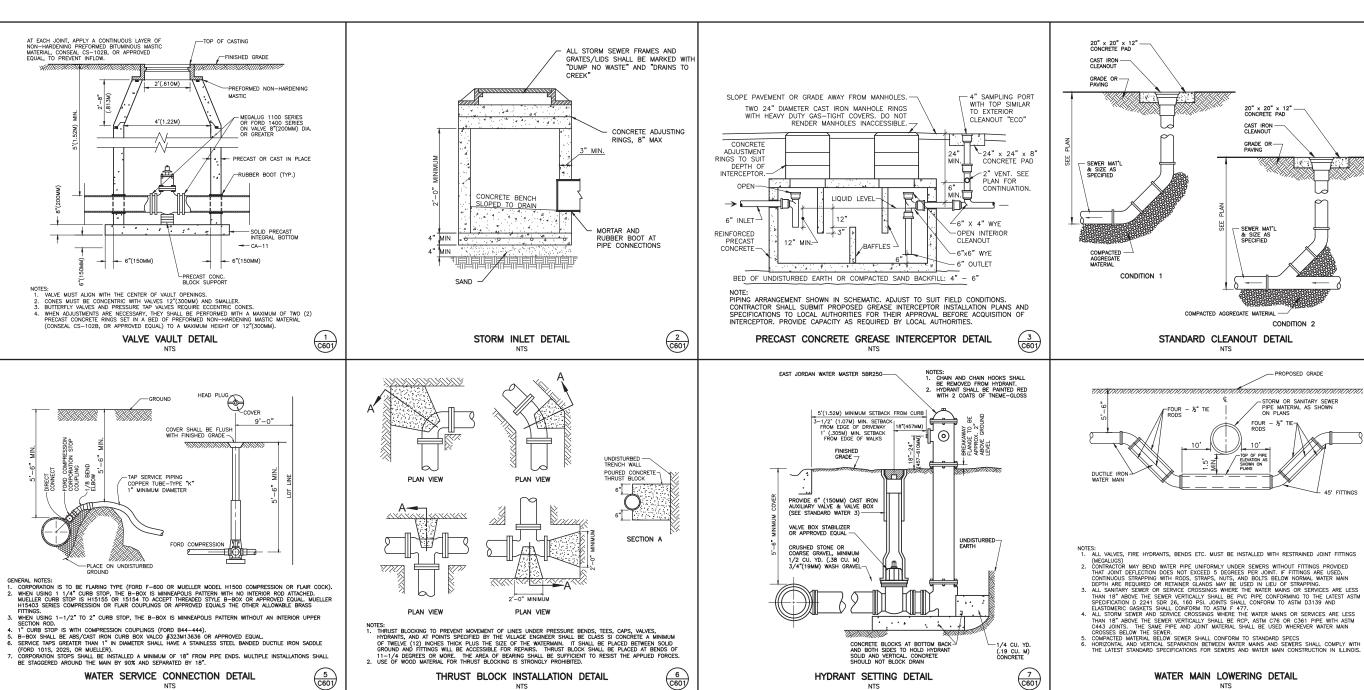
LANDSCPAE PLAN

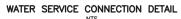
TREE PLANTING

N.T.S.

N.T.S.





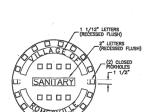


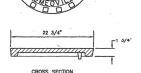
2" LETTERS (RECESSED, FLUSH

WATER

0000



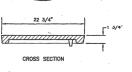




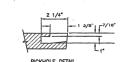
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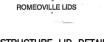
STORM

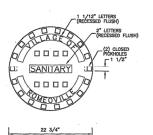
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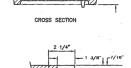


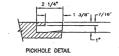
1 1/12" LETTERS (RECESSED FLUSH)







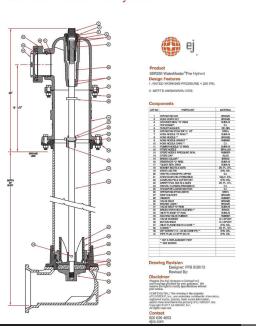




9 C601







WATER MAIN LOWERING DETAIL



(4 C601

**≯**1000 

PROJE

DATE

DES.

DR.

CKD.

1815 South Meyers F Suite 950 Oakbrook Terrace, II 630.424.9080 FAX: 630.495.3731

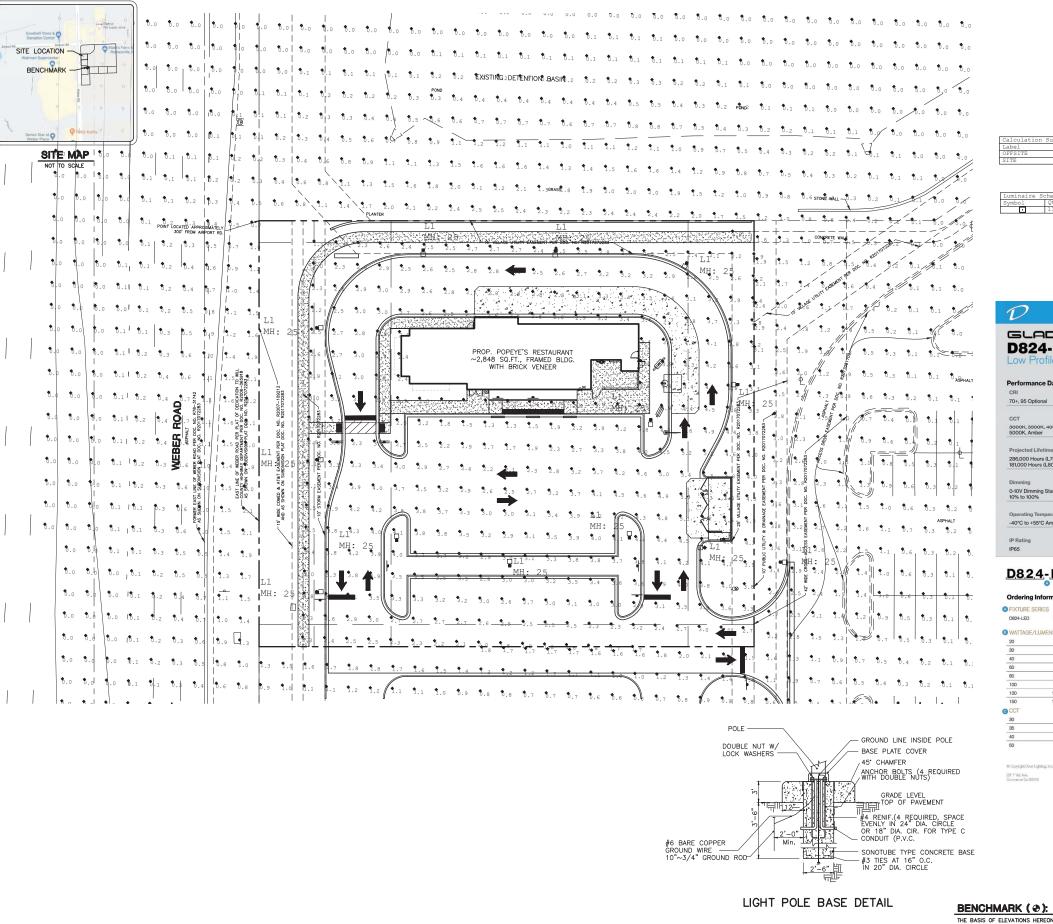
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DEVELOPMENT PLANS
RESTAURANT - ROMEOVILL
2- BLAIN'S FARM & FLEET, S WEBER ROAD SITE EYE'S F

**DETAIL** 

HEET NO.

OP



#### **LIGHTING NOTES**

- 1. MOUNTING HEIGHT (MH) VARIES. SEE FIXTURE LABEL ON PLAN.
- 2. HORIZONTAL MEASUREMENTS TAKEN ALONG A HORIZONTAL PLANE AT A HEIGHT OF ZERO (0) FEET ABOVE THE GROUND.



# D824-LED

## Ordering Information Motion Sensor (with Dimming)<sup>5,10</sup> 95 CRI Slip Fitter Stand-Alone Scheduled Dimming 3000K

Ν

**JECT No:**080346 **E** 07/31/20

PROJE

DATE

DES.

CKD.

1815 South Meyers Road Suite 950 Oakbrook Terrace, IL 60181 630.424.9080 FAX: 630.495.3731

**⊢**∦

WOOLPER

PLAN

**PHOTOMETRIC** 

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THE BASIS OF ELEVATIONS HEREON IS NAVD 88 PER OBSERVATIONS OF SELECTED STATIONS IN THE NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATION (NGS CORS) NETWORK.
BENCHMARK #1 - CROSS CUT ON SE BONNET BOLT OF FIRE HYDRANT SET - SEE DRAWING FOR LOCATION. ELEVATION = 648.73'

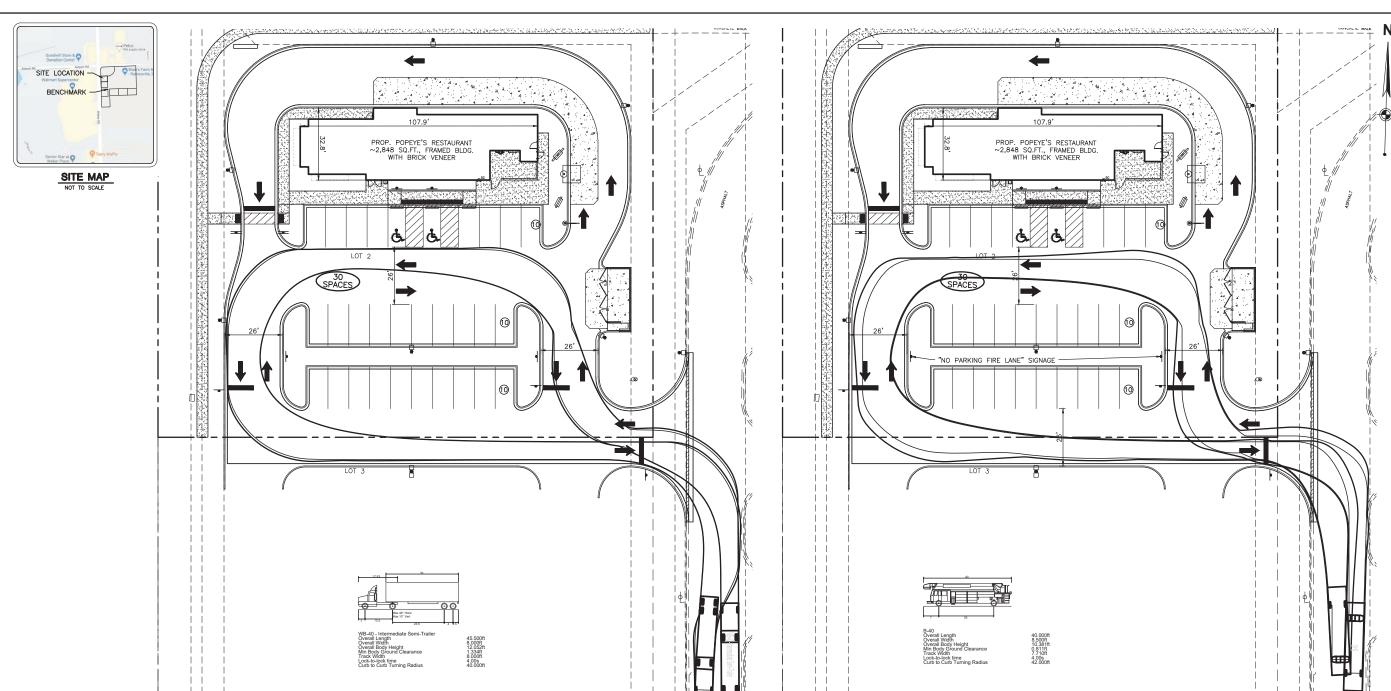
BENCHMARK #2 - CROSS CUT ON THE TOP OF THE BACK OF CONCRETE CURB - SEE DRAWING FOR LOCATION. ELEVATION = 644.75'

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY WOOLPERT, INC. AND DATED 06/25/20.

Simply Call 811

HEET NO.

SITE DEVELOPMENT PLANS POPEYE'S RESTAURANT - ROMEOVILL



THE BASIS OF ELEVATIONS HEREON IS NAVD 88 PER OBSERVATIONS OF SELECTED STATIONS IN THE NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATION (NGS CORS) NETWORK, BENCHMARK #1 - CROSS CUT ON SE BONNET BOLT OF FIRE HYDRANT SET - SEE DRAWING FOR LOCATION. ELEVATION = 648.73'

BENCHMARK #2 - Cross cut on the top of the back of concrete curb - see drawing for location. ELEVATION = 644.75'



SITE DEVELOPMENT PLANS
POPEYE'S RESTAURANT - ROMEOVILLE
LOT 2 - BLAIN'S FARM & FLEET, S WEBER ROAD HEET NO.

EXH-1

PROJECT No:
080346
DATE 07/31/20
DES. TH
DR. TH
CKD. RW

1815 South Meyers Road Suite 950 Oakbrook Terrace, IL 60181 630.424.9080 FAX: 630.495.3731

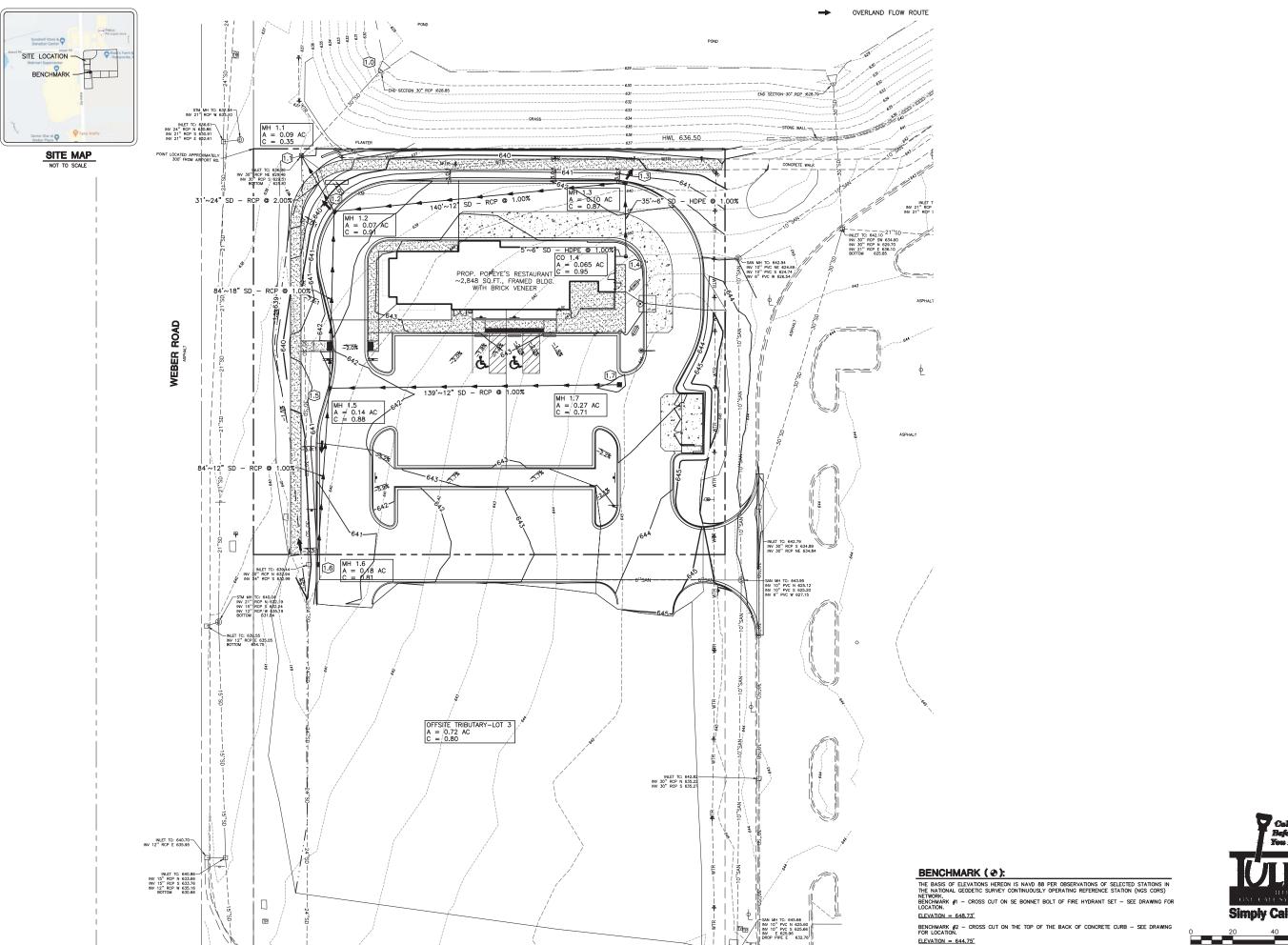
WOOLPERT

ROMEOVILLE, ILLINOIS

TRUCK TURNING EXHIBIT



THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY WOOLPERT, INC. AND DATED 06/25/20.



Simply Call 811

THE EXISTING CONDITIONS SHOWN ARE BASED UPON A SURVEY PREPARED BY WOOLPERT, INC. AND DATED 06/25/20.

SITE DEVELOPMENT PLANS
POPEYE'S RESTAURANT - ROMEOVILLE
LOT 2 - BLAIN'S FARM & FLEET, S WEBER ROAD HEET NO.

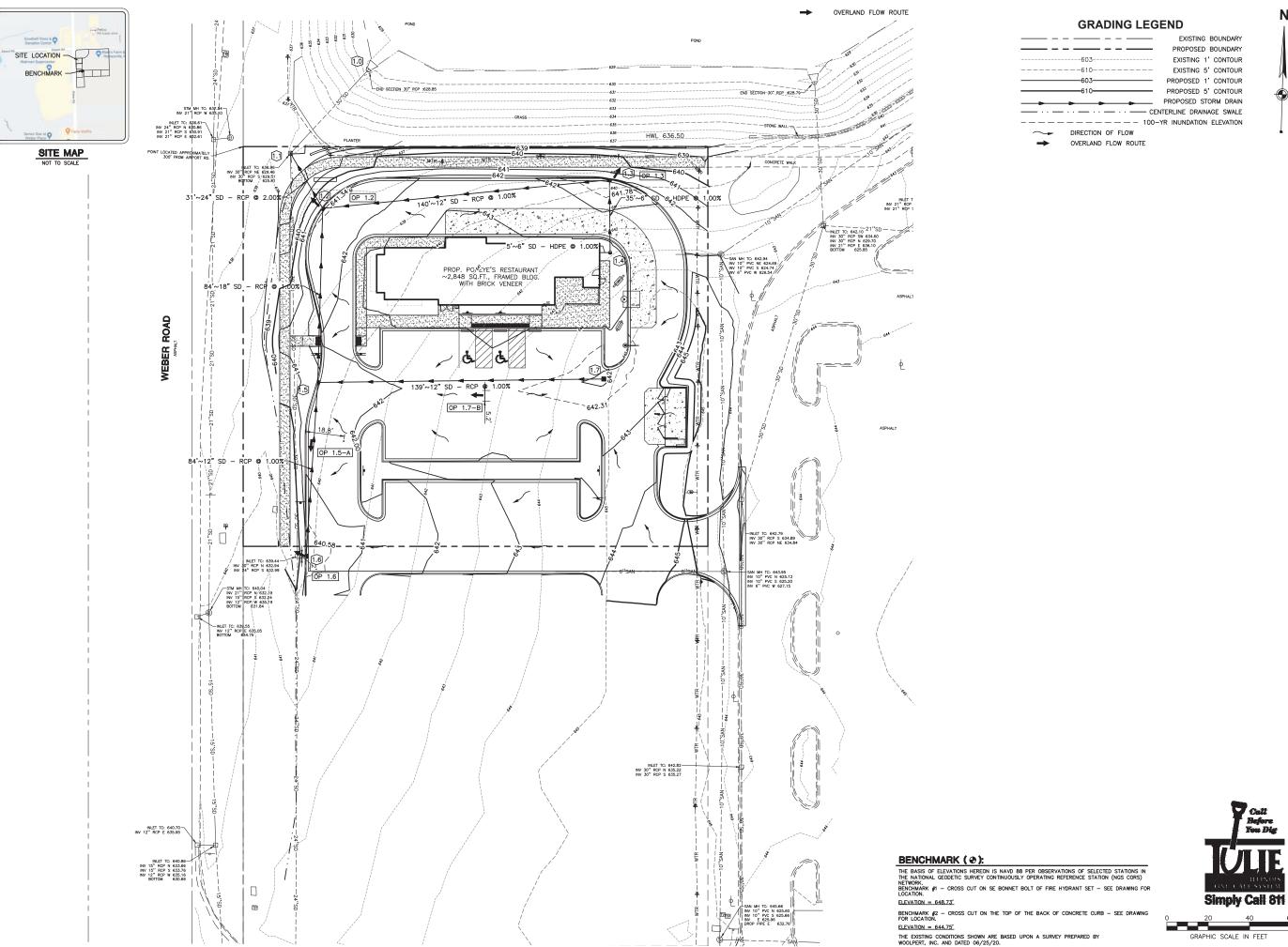
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PROJECT No:
080346
DATE 07/31/20
DES. TH
DR. TH
CKD. RW

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WOOLPERT

EXH-2



EXISTING BOUNDARY PROPOSED BOUNDARY EXISTING 1' CONTOUR EXISTING 5' CONTOUR PROPOSED 1' CONTOUR PROPOSED 5' CONTOUR PROPOSED STORM DRAIN ---- 100-YR INUNDATION ELEVATION



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PROJECT No:
080346
DATE 07/31/20
DES. TH
DR. TH
CKD. RW 1815 South Meyers Road Suite 950 Oakbrook Terrace, IL 60181 630.424.9080 FAX: 630.495.3731

WOOLPERT

INUNDATION EXHIBIT

SITE DEVELOPMENT PLANS
POPEYE'S RESTAURANT - ROMEOVILLE
LOT 2 - BLAIN'S FARM & FLEET, S WEBER ROAD

HEET NO.

EXH-3