

SITE DEVELOPMENT PLANS

POPEYE'S RESTAURANT - ROMEVILLE

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

HZ PROPS RE, LTD.

4415 HIGHWAY 6, SUGARLAND, TEXAS 77478

CONTACT: AMIN DHANANI
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1815 South Meyers Road
Suite 950
Oakbrook Terrace, IL 60181
630.424.9080
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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.

APPLICABLE STATE, COUNTY,

 THERESA HARTSFIELD, PE

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 (⊕):

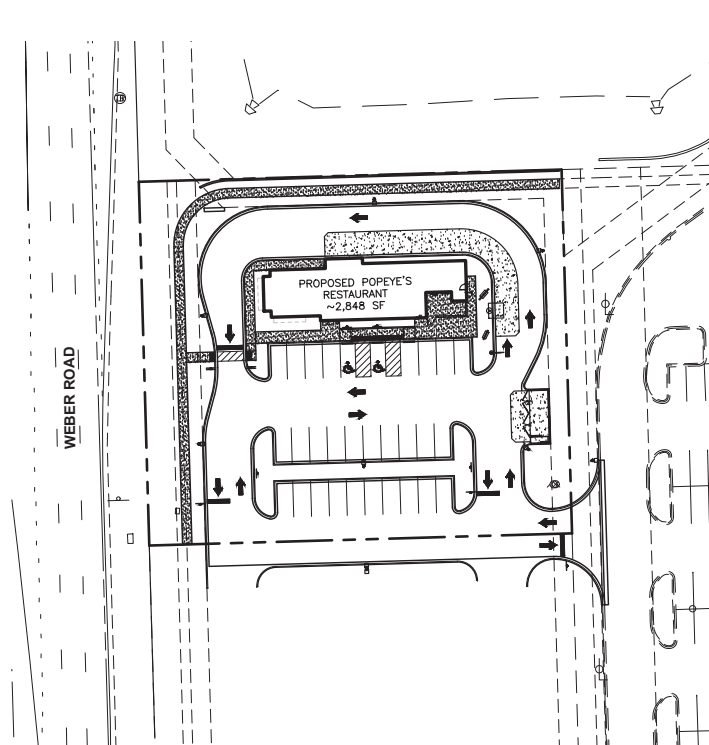
THE BASIS OF ELEVATIONS HEREON IS NAVD 88 PER OBSERVATIONS OF
SELECTED STATIONS IN THE NATIONAL GEODETIC SURVEY CONTINUOUSLY
OPERATING REFERENCE STATION (NGS CORS) NETWORK.
CROSS ON SE BONNET BOLT OF FIRE HYDRANT SET - SEE DRAWING FOR
LOCATION.

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

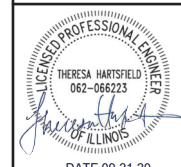


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[illegible]

PROJECT No.: 080346



C000

DATE 09-21-20

REQUIRED SANITARY SEWER TESTING

- | PAVEMENT & CONCRETE CONSTRUCTION | | | |
|---|--|-----|---|
| 1. | ALL EXISTING PAVEMENT OR CONCRETE TO BE REMOVED SHALL BE SAWCUT ALONG LIMITS OF PROPOSED REMOVAL BEFORE REMOVAL OPERATION BEGINS. | 18. | GRADES SHOWN ARE FINISHED GRADES. LANDSCAPED AREAS TO HAVE MINIMUM 6 INCHES OF TOPSOIL RESPIREAD. |
| 2. | ALL CURBS CONSTRUCTED OR REPLACED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO #4 REBARS FOR A LENGTH OF 20 FEET CENTERED OVER THE TRENCH. SIDEWALKS SHALL BE TREATED IN THE SAME MANNER USING THREE #6 REBARS. | 19. | CONTRACTOR TO ENSURE POSITIVE DRAINAGE AROUND ISLANDS. |
| 3. | CONTRACTION JOINTS SHALL BE CONSTRUCTED AT TEN (10) FOOT MINIMUM INTERVALS. THE GRANULAR CURB BASE SHALL BE A MINIMUM OF THREE (3) INCHES OF 3/8" TO 3/4" OPEN GRADED GRANULAR MATERIAL TO ALLOW FOR PROPER SUBGRADE DRAINAGE. 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 THE FINISH SURFACE. | 20. | IN CASE OF ANY CONFLICT, MUNICIPAL SPECIFICATIONS, STANDARDS, AND DETAILS SHALL BE FOLLOWED. |
| 4. | EXPANSION 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. | 21. | ALL DETENTION PONDS SHALL HAVE A TWO FOOT THICK CLAY LINER BETWEEN THE BOTTOM OF THE POND AND THE NORMAL WATER LEVEL. |
| 5. | 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 | 22. | ALL FLARED END SECTIONS SHALL HAVE A GRATE INSTALLED. |
| 6. | 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. | 23. | ALL STORM SEWER FRAMES AND GRATES/LIDS SHALL BE MARKED WITH "DUMP NO WASTE" AND "DRAINS TO CREEK". |
| | | 24. | THE SLOPE BETWEEN TWO ELEVATIONS SHOWN ON THE GRADING PLAN 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, (DOT TY. 8). |
| | | 26. | SPOT ELEVATIONS AT TIE IN TO EXISTING CURB OR PAVEMENT ARE APPROXIMATE, CONTRACTOR TO MATCH EXISTING ELEVATIONS. |
| | | | REQUIRED WATER TESTING |
| | | | ALL WATER MAIN AND SERVICE PIPE, FITTINGS, VALVES AND HYDRANTS SHALL BE SUBJECT 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 EXPUL AIR 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 DISTRICT MUST BE CONTACTED AT LEAST 24 HOURS PRIOR TO PRESSURE TESTING THE WATER MAIN. |
| | | | 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 ANWA STANDARD C601. CHLORINE |
| | | | WHEN UTILITY STRUCTURE ADJUSTMENT IS NECESSARY, A 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) EJW 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 102223 EMBOSSED WITH "SANITARY" AND "VILLAGE OF ROMEOVILLE". ALL SANITARY LIDS ARE 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. |
| | | | BAND SEAL, OR SIMILAR COUPLINGS SHALL BE USED IN CONNECTING SEWER PIPES OF DISSIMILAR MATERIALS |
| | | | WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN 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" MACHINE (OR SIMILAR) AND PROPER INSTALLATION OF HUB-WYE SADDLE OR HUB-TEE SADDLE. |

ELECTRICAL SERVICE

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PHONE:
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GAS SERVICE

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SANITARY SEWER SERVICE

AGENCY: VILLAGE OF ROMEOVILLE
ADDRESS: 615 ANDERSON DRIVE, ROMEOVILLE, IL 60446
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EMAIL:

STORM SEWER SERVICE

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PHONE: 815-886-1870
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WATER SERVICE

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PHONE: 815-886-1870
EMAIL:

ENGINEERING

PHONE: VILLAGE OF ROMEVILLE
ADDRESS: 615 ANDERSON DRIVE, ROMEVILLE, IL 60446
CONTACT: JONATHON ZABROCKI, PE
PHONE: 815-886-1870
EMAIL:

<div>SITE DEVELOPMENT PLANS</div> <div>POPEYE'S RESTAURANT - ROMEIOVILLE</div> <div>LOT 2 - BLAIN'S FARM & FLEET, S WEBER ROAD</div> <div>ROMEIOVILLE, ILLINOIS</div>	<div><div><div>W</div><div>WOOLPERT</div><div>ARCHITECTURAL FIRM, INC.</div></div><div>1815 South Meyers Road Suite 950 Oakbrook Terrace, IL 60181 630.424.9080 FAX: 630.495.3731</div></div>	PROJECT No:	080346		
		DATE	07/31/20		
		DES.	TH		
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		CKD.	RW		
GENERAL NOTES					
SHEET NO.	C001				

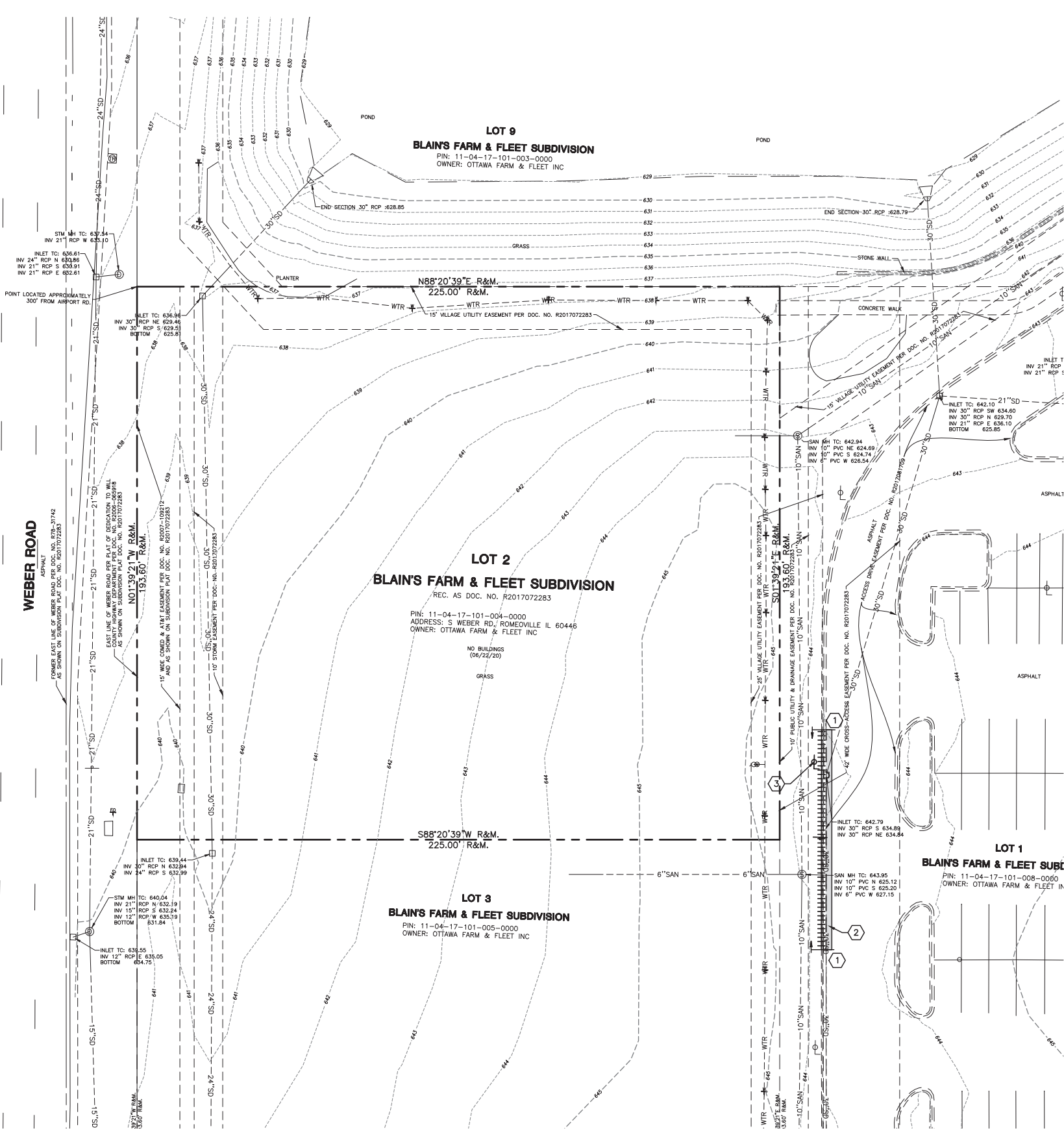
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VILLAGE OF ROMEOVILLE MINIMUM CHLORINATION STANDARDS:		VILLAGE OF ROMEOVILLE WATER NOTES:	
<p>A. GAS CHLORINE MUST BE USED FOR DISINFECTION.</p> <p>B. THE CHLORINATION CONTRACTOR MUST CALL 815-886-1870 A MINIMUM OF 24-HOURS IN ADVANCE TO SCHEDULE CHLORINATION.</p> <p>C. ONLY VILLAGE OF ROMEOVILLE EMPLOYEES SHALL OPERATE WATER SYSTEM VALVES AND TURN ON/OFF SAMPLING WHIPS WHILE SAMPLES ARE BEING COLLECTED.</p> <p>D. ALL CHLORINATION AND SAFETY EQUIPMENT MUST MEET OR EXCEED THE STANDARDS AND RECOMMENDATIONS SET BY THE CHLORINE INSTITUTE, INC.</p> <p>E. 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.</p> <p>F. THE CHLORINATION CONTRACTOR MUST HAVE TWO PEOPLE PRESENT TO CHLORINATE. ONE TO MONITOR THE CYLINDER AND ONE TO MONITOR IN THE FIELD.</p> <p>G. THE CHLORINATION CONTRACTOR MUST BE BONDED AND INSURED, AND HAVE PROOF OF BOTH ON FILE WITH THE VILLAGE.</p> <p>H. THE CHLORINATION CONTRACTOR MUST HAVE UPDATED 24-HOUR EMERGENCY PHONE NUMBERS ON FILE WITH THE VILLAGE.</p> <p>I. THE CHLORINATION CONTRACTOR MUST COMPLY WITH STATE AND FEDERAL REGULATIONS REGARDING TRANSPORTATION AND HANDLING OF CHLORINE CYLINDERS:</p> <p>I.A. SHIPPING AND EMERGENCY PAPERS FOR EVERY JOB LOCATION</p> <p>I.B. PROOF OF INSURANCE FOR HAULING AND HANDLING CHLORINE GAS</p> <p>I.C. COMMERCIAL DRIVER'S LICENSE WITH HAZMAT ENDORSEMENT AND MEDICAL CARD</p> <p>I.D. COPY OF EMERGENCY RESPONSE GUIDEBOOK IN VEHICLE</p> <p>I.E. HAZMAT CERTIFICATE OF REGISTRATION</p> <p>I.F. HAZARDOUS MATERIALS PLACARD DISPLAYED ON VEHICLE</p> <p>I.G. CYLINDER STRAPPED UPRIGHT IN TRUCK</p> <p>J. 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.</p> <p>K. PRIOR TO CHLORINATION, THE CHLORINATION CONTRACTOR MUST PROVIDE A DETAILED WRITTEN CHLORINATION AND FLUSHING PLAN TO THE VILLAGE FOR REVIEW AND WRITTEN APPROVAL.</p> <p>L. 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.</p>		<p>VALVE VAULTS:</p> <ul style="list-style-type: none">• 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). <p>PRECAST CONCRETE MANHOLES FOR WATER VALVE INSTALLATIONS MUST BE INCLUDED ON THE ENGINEERING PLANS IF A VALVE VAULT IS REQUIRED.</p> <ul style="list-style-type: none">• 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.• JOINT SEALANT - FLEXIBLE RUBBER SEALANT FOR JOINTS IN PRE-CAST MANHOLE SECTIONS SHALL PROVIDE PERMANENTLY FLEXIBLE WATERTIGHT 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. <p>WATER SPECIFICATIONS:</p> <ul style="list-style-type: none">• 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 SUPERINTENDENT, ANY HYDRANTS EXHIBITING EXCESSIVE ROCK DAMAGE WILL BE SAND BLASTED AND REPAINTED BY AN APPROVED CONTRACTOR 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. <p>VILLAGE OF ROMEOVILLE SANITARY SEWER NOTES:</p> <p>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).</p> <p>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 DURING INSTALLATION. REMOVE ALL LOOSE MORTAR AND FOREIGN MATERIAL. SURFACE MUST BE FREE OF LAITANCE, CONCRETE DUST, DIRT, FORM RELEASE AGENTS, MOISTURE CURING MEMBRANES, 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 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."</p>	
<div>FINAL ACCEPTANCE AND TESTING OF SANITARY SEWER</div> <p>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 EXFILTRATION TESTS, TELEVISION 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 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 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.</p>		<div>VILLAGE OF ROMEOVILLE SANITARY SEWER NOTES:</div> <p>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).</p> <p>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 DURING INSTALLATION. REMOVE ALL LOOSE MORTAR AND FOREIGN MATERIAL. SURFACE MUST BE FREE OF LAITANCE, CONCRETE DUST, DIRT, FORM RELEASE AGENTS, MOISTURE CURING MEMBRANES, 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 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."</p>	
<div>FINAL TESTING OF SANITARY SEWER MANHOLES</div> <p>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 WITH THE VACUUM TESTING. VACUUM 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 DROP TO NINE (9) INCHES OF MERCURY. THE VACUUM DROP SHALL NOT EXCEED THE REQUIREMENTS SHOWN IN TABLE 1 OF ASTM C1244-02. IF 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 TO TIGHTEN.</p>		<div>VILLAGE OF ROMEOVILLE SANITARY SEWER NOTES:</div> <p>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).</p> <p>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 DURING INSTALLATION. REMOVE ALL LOOSE MORTAR AND FOREIGN MATERIAL. SURFACE MUST BE FREE OF LAITANCE, CONCRETE DUST, DIRT, FORM RELEASE AGENTS, MOISTURE CURING MEMBRANES, 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 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."</p>	
<div>FLOW MONITORING PRIOR TO ACCEPTANCE</div> <p>THE DEVELOPER WILL BE REQUIRED TO MONITOR THE FLOWRATE FROM THE SITE FOR A PERIOD OF TWO MONTHS (ENCOMPASSING AT LEAST TWO MAJOR STORM EVENTS) TO IDENTIFY ANY EXCESSIVE INFLOW/INFILTRATION OCCURRING IN THE SYSTEM. THE DATA MUST BE SUBMITTED TO THE VILLAGE OF ROMEOVILLE PRIOR TO ACCEPTANCE OF THE PUBLIC IMPROVEMENTS.</p>		<div>VILLAGE OF ROMEOVILLE SANITARY SEWER NOTES:</div> <p>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).</p> <p>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 DURING INSTALLATION. REMOVE ALL LOOSE MORTAR AND FOREIGN MATERIAL. SURFACE MUST BE FREE OF LAITANCE, CONCRETE DUST, DIRT, FORM RELEASE AGENTS, MOISTURE CURING MEMBRANES, 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 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."</p>	
PROJECT No: 060346 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	
REVISION		DATE	
No.		No.	
09/18/20		REVISED PER VILLAGE COMMENTS	
SEA		SEA	
SHEET NO.		SHEET NO.	
C002		C002	



SITE MAP
NOT TO SCALE



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 = 648.75'
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.

EXISTING LEGEND

- | | |
|---------------------------|---------------------------------|
| ⊕ STORM MANHOLE | ☐ TELEPHONE PEDESTAL |
| ☐ CURB INLET | ☐ TRAFFIC SIGNAL PULL BOX |
| ☐ CATCH BASIN | ⊕ SANITARY MANHOLE |
| ⊕ FIRE HYD. | — SIGN |
| ⊕ WATER VALVE | --- UE --- UNDERGROUND ELECTRIC |
| ⊕ WATER MANHOLE | --- G --- UNDERGROUND GAS |
| ⊕ SPRINKLER CONTROL VALVE | --- SD --- STORM |
| ⊕ GAS METER | --- SAN --- SANITARY |
| ⊕ ELEC. TRANSFORMER | --- WTR --- WATER |
| ⊕ ELECTRIC MANHOLE | === EXISTING CURB (AND GUTTER) |
| ⊕ TELEPHONE MANHOLE | TC TOP OF CASTING |
| ⊕ CLEANOUT | |
| ⊕ UTILITY POLE | |
| ⊕ LIGHT POLE | |
| ⊕ GUY WIRE | |



DEMOLITION LEGEND

- | | |
|---|---|
| | 1 SAWCUT AND REMOVE EXISTING CURB AND GUTTER |
| ■ | 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 UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- 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.
- 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.
- EXISTING PAVEMENT AND CONCRETE PAVEMENTS ARE TO BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER.
- MATERIAL CREATED AS A RESULT OF BUILDING DEMOLITION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER.
- 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.
- PAVEMENT DAMAGED DUE TO THE REMOVAL OF EXISTING CURB SHALL BE SAWCUT, REMOVED AND REPLACED IN KIND.
- A FULL DEPTH SAWCUT SHALL BE PROVIDED IN ALL AREAS WHERE PROPOSED PAVEMENT OR CURB AND GUTTER MEETS EXISTING PAVEMENT.
- CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF BENCHMARKS PRIOR TO THE START OF CONSTRUCTION.

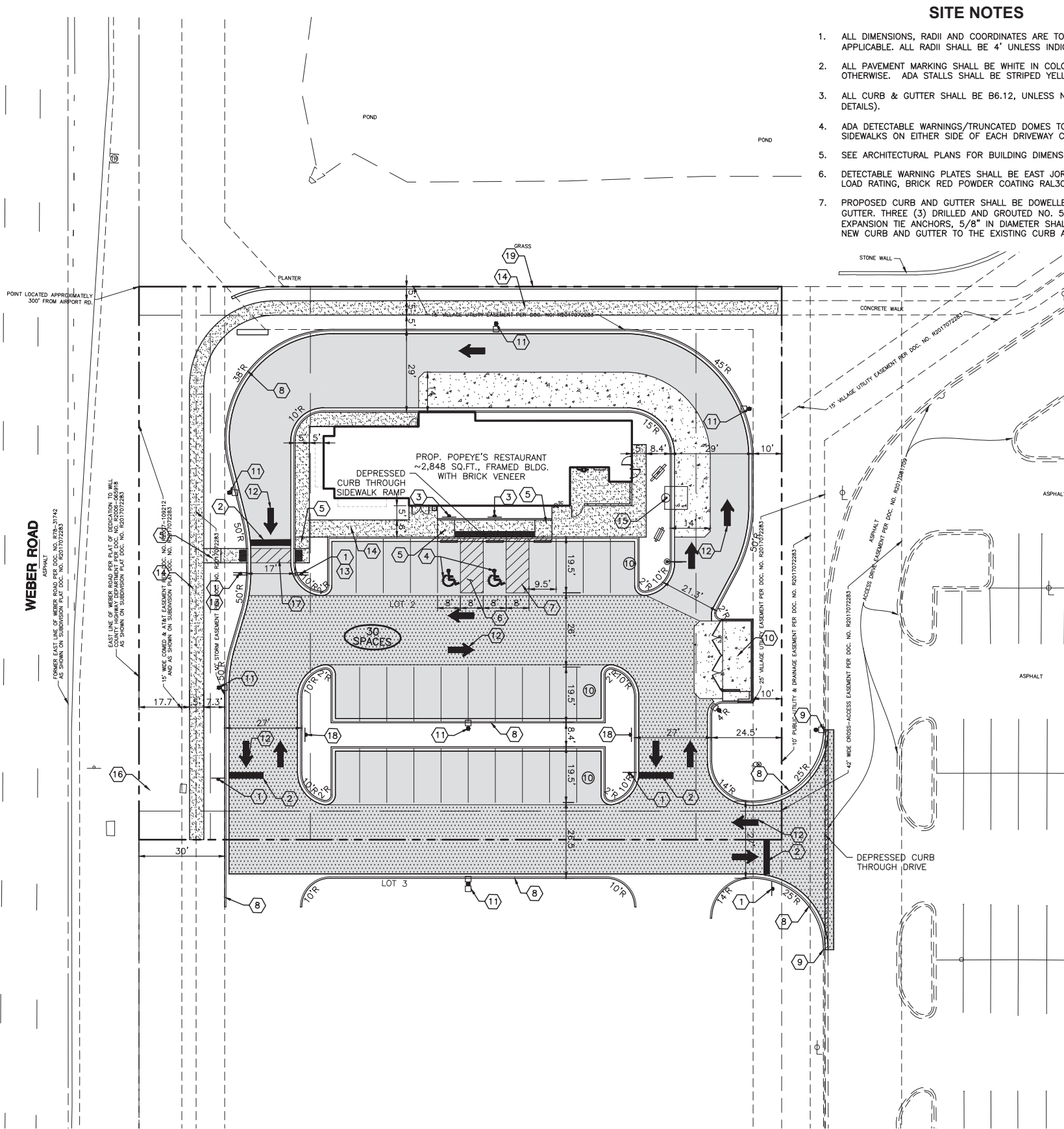


<div></div>	<div><div>SHEET NO.</div><div>C100</div></div>		<div><div>SITE DEVELOPMENT PLANS</div><div>POPEYE'S RESTAURANT - ROMEOVILLE</div><div>LOT 2 - BLAIN'S FARM & FLEET, S WEBER ROAD</div><div>ROMEOVILLE, ILLINOIS</div></div>		<div><div>1815 South Meyers Road</div><div>Suite 950</div><div>Oakbrook Terrace, IL 60181</div><div>630.424.9080</div><div>FAX: 630.495.3731</div></div> <div><div>WOOLPERT</div><div><small>ARCHITECTURAL • INTERIOR • EXTERIOR</small></div></div>		PROJECT No: 080346		<div>SEAL</div>	
							DATE 07/31/20			
							DES.			
							DR.			
							CKD.			
No.		DATE		REVISION						

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SITE MAP
NOT TO SCALE



SITE NOTES

1. ALL DIMENSIONS, RADII AND COORDINATES ARE TO BACK OF CURB WHERE APPLICABLE. ALL RADII SHALL BE 4' UNLESS INDICATED OTHERWISE.
2. ALL PAVEMENT MARKING SHALL BE WHITE IN COLOR UNLESS INDICATED OTHERWISE. ADA STALLS SHALL BE STRIPED YELLOW.
3. ALL CURB & GUTTER SHALL BE B6.12, UNLESS NOTED OTHERWISE (SEE DETAILS).
4. ADA DETECTABLE WARNINGS/TRUNCATED DOMES TO BE PROVIDED AT SIDEWALKS ON EITHER SIDE OF EACH DRIVEWAY CROSSING.
5. SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
6. DETECTABLE WARNING PLATES SHALL BE EAST JORDAN INSERTS, HEAVY DUTY LOAD RATING, BRICK RED POWDER COATING RAL3016.
7. PROPOSED CURB AND GUTTER SHALL BE DOWELED INTO EXISTING CURB & GUTTER. THREE (3) DRILLED AND GROUTED NO. 5 REINFORCING BARS OR EXPANSION TIE ANCHORS, 5/8" IN DIAMETER SHALL BE USED TO TIE THE NEW CURB AND GUTTER TO THE EXISTING CURB AND GUTTER ON EACH SIDE.

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
- LIGHT POLES
- 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

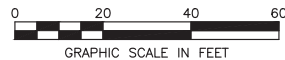
PROPOSED SITE AREA	1.00	ACRES
ZONING	B-3	HIGHWAY/REGIONAL SHOPPING DISTRICT
PIN	1104171010050000	
BUILDING DATA:		
BUILDING AREA	2,848	SQ. FT.
PROPOSED IMPERVIOUS AREA	0.70	AC
PROPOSED GREEN SPACE	0.30	AC
F.A.R.	0.06	
PARKING DATA:		
FLOOR AREA SERVING CUSTOMERS	±1,150	SF
SPACES REQUIRED	23	(1 SPACE/50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

SITE KEY NOTES

- | NO. | DESCRIPTION |
|-----|---|
| 1 | "STOP" SIGN, R1-1 |
| 2 | 24" WIDE STOP BAR, TRAFFIC WHITE PAINT |
| 3 | ACCESSIBLE PARKING SIGN |
| 4 | ACCESSIBLE PARKING SYMBOL |
| 5 | ACCESSIBLE RAMP WITH EJ DURALAST DETECTABLE WARNING PLATES, HEAVY DUTY, BRICK RED |
| 6 | ACCESSIBLE PARKING SPACES & THEIR ACCESS AISLES SHALL BE 2% MAX. SLOPE IN ALL DIRECTIONS |
| 7 | PAINT 4" WIDE STRIPES @ 2'-0" O.C. @ 45° ANGLE, TRAFFIC YELLOW PAINT |
| 8 | CURB AND GUTTER |
| 9 | BEGIN/END PROPOSED CURB AND GUTTER. SAWCUT EXISTING CURB TO PROVIDE CLEAN CONSTRUCTION JOINT. |
| 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 | PROPOSED MONUMENT SIGN |
| 17 | CROSSWALK, PAINT 4" WIDE STRIPES AT 2' O.C. CENTERED ON ENTRY, TRAFFIC WHITE PAINT |
| 18 | "NO PARKING FIRE LANE" SIGN |
| 19 | PROPOSED SHORT LANDSCAPE WALL |

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'
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SITE DEVELOPMENT PLANS

POPEYE'S RESTAURANT - ROMEOVILLE

LOT 2 - BLAIN'S FARM & FLEET, S WEBER ROAD
ROMEOVILLE, ILLINOIS

SITE PLAN

SHEET NO.

C200

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



REVISION

DATE

PROJECT No:

DATE

DES.

DR.

CKD.

NO.

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09/18/20

REVISED PER VILLAGE COMMENTS

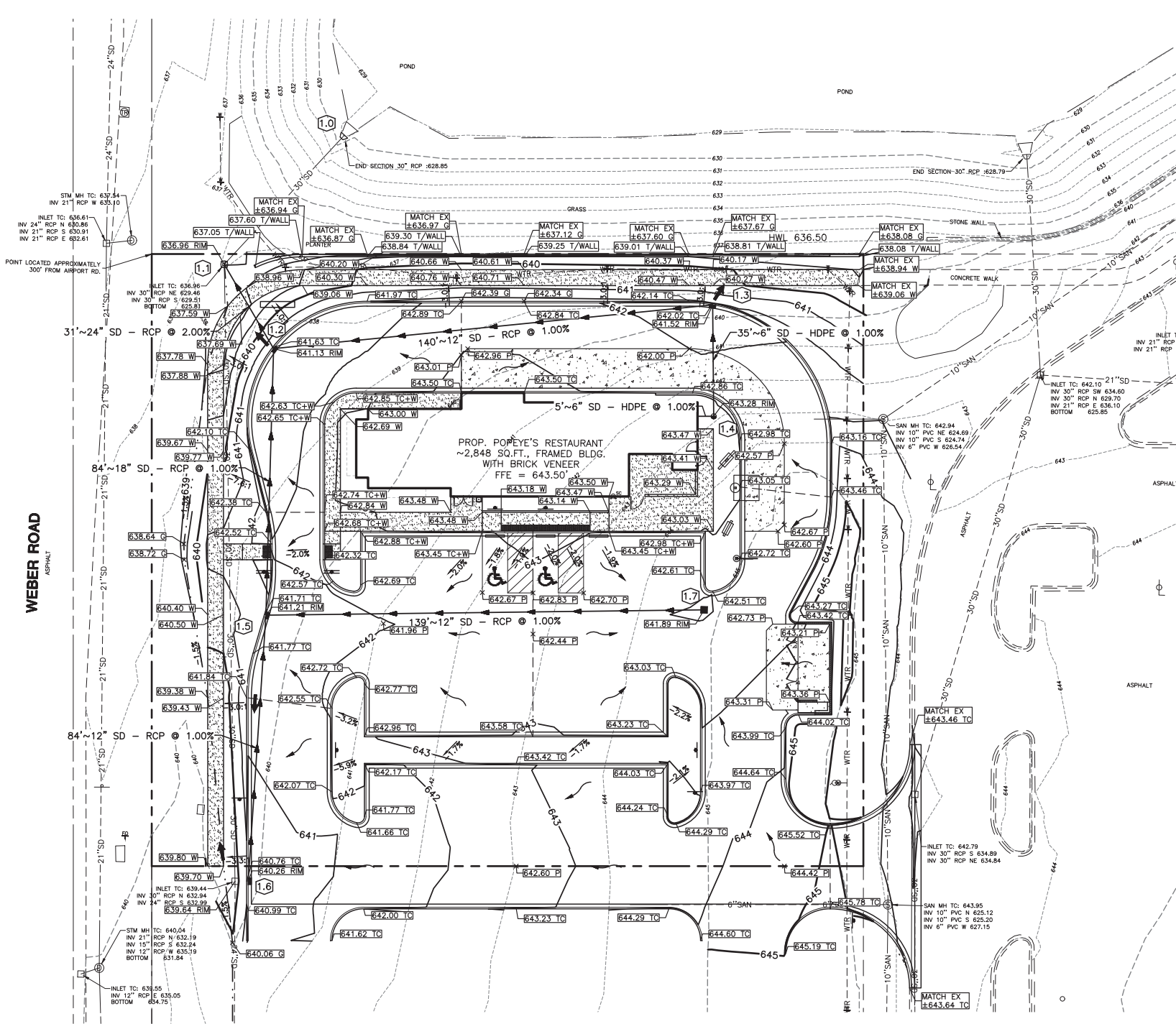
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SITE MAP
NOT TO SCALE

WEBER ROAD
ASPHALT



GRADING LEGEND

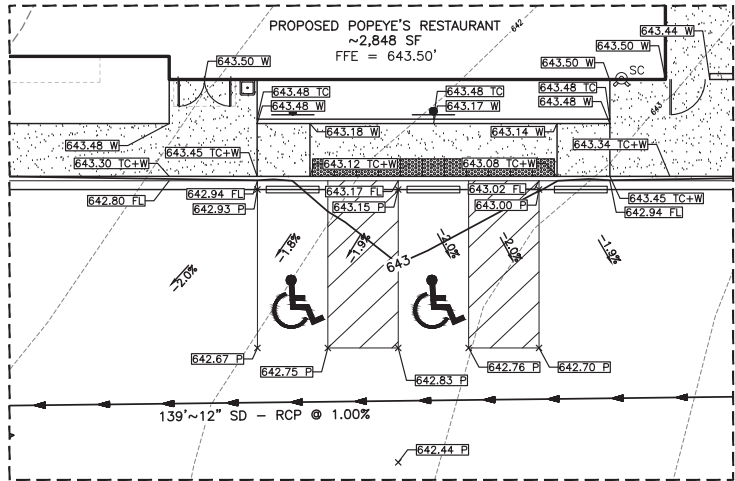
- EXISTING BOUNDARY
 - PROPOSED BOUNDARY
 - EXISTING 1' CONTOUR
 - EXISTING 5' CONTOUR
 - PROPOSED 1' CONTOUR
 - PROPOSED 5' CONTOUR
 - PROPOSED STORM DRAIN
 - CENTERLINE DRAINAGE SWALE
 - GRADE BREAK
- DIRECTION OF FLOW
OVERLAND FLOW ROUTE
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- PROPOSED STORM MANHOLE
- PROPOSED FLARED END SECTION
- PROPOSED CLEANOUT
- BENCHMARK
- PROPOSED CURB AND GUTTER, STANDARD
- PROPOSED CURB AND GUTTER, REVERSE PITCH
- INDICATES DETAIL LOCATION (DETAIL NUMBER/DETAIL SHEET)
- PROPOSED STORM STRUCTURE CALLOUT

PROPOSED ELEVATIONS LEGEND

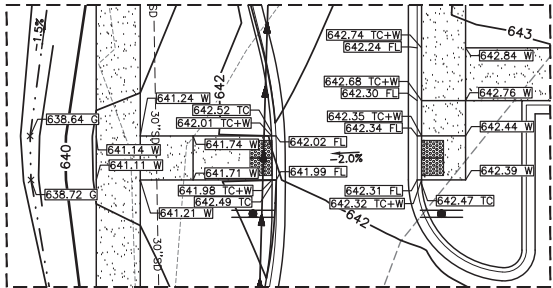
- ELEVATION AT TOP OF CURB
- ELEVATION AT FLOW LINE
- ELEVATION AT TOP OF PAVEMENT
- ELEVATION AT GRADE
- ELEVATION AT TOP OF SLAB
- ELEVATION AT TOP OF WALK
- TOP OF CASTING (RIM OR FLOW LINE) ELEVATION
- ELEVATION TO MATCH EXISTING GRADE

EXISTING ELEVATIONS LEGEND

- TOP OF CASTING (RIM OR FLOW LINE) ELEVATION
- SPOT ELEVATION



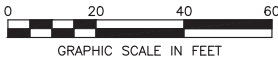
1 ADA PARKING AND RAMP DETAIL
SCALE: 1' = 10'



2 SIDEWALK RAMP DETAIL
SCALE: 1' = 10'

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STORM STRUCTURE TABLE			
STRUCTURE ID	DESCRIPTION	RIM/GRATE	INVERT
1.0	EXISTING 30" END SECTION		30" = 628.85 (SW)*
1.1	EXISTING STORM MANHOLE	636.96	30" = 629.51 (S)* 30" = 629.46 (NE)* 24" = 630.00 (SE)
1.2	48" DIA CATCH BASIN WITH SNOUT HOOD	641.13	18" = 633.06 (S) 24" = 630.62 (NW) 12" = 634.10 (E)
1.3	48" CATCH BASIN	641.52	6" = 635.95 (S) 12" = 635.50 (W)
1.4	CLEAN OUT	643.28	6" = 636.30 (W) 6" = 636.30 (N)
1.5	48" DIA CATCH BASIN	641.21	12" = 634.16 (S) 18" = 633.90 (N) 12" = 633.90 (E)
1.6	48" DIA CATCH BASIN	640.26	12" = 635.00 (N)
1.7	24" DIA INLET	641.89	12" = 635.29 (W)

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

REVISION

DATE

PROJECT No: 080346

DATE 07/31/20

DES.

DR.

CKD. RW

1815 South Meyers Road
Suite 950
Oakbrook Terrace, IL 60181
630.424.9080
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SITE DEVELOPMENT PLANS
POPEYE'S RESTAURANT - ROMEOVILLE
LOT 2 - BLAIN'S FARM & FLEET, S WEBER ROAD
ROMEOVILLE, ILLINOIS

GRADING PLAN

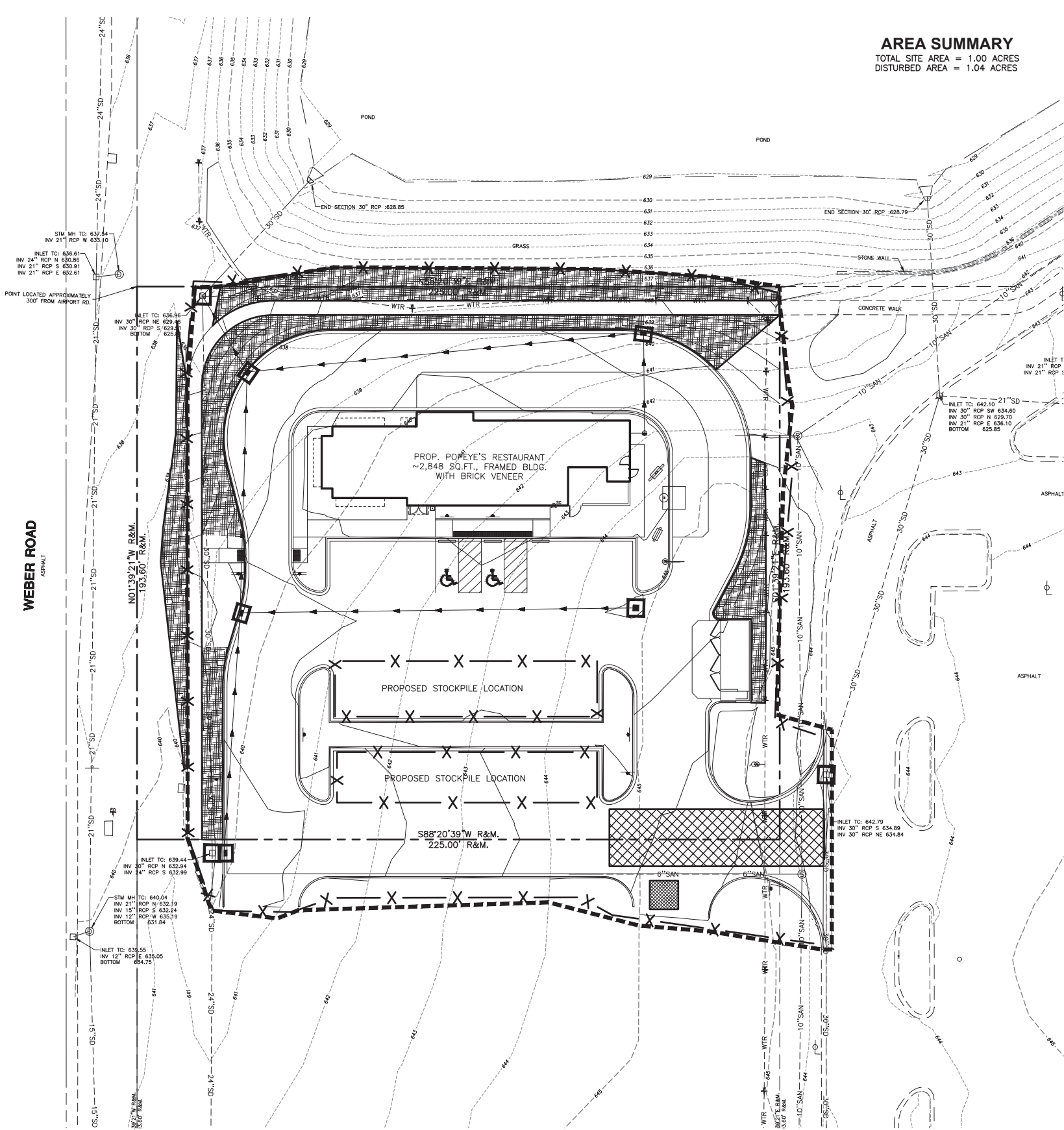
SHEET No.

C300

Layout Tab Name: C301 EROSION CONTROL PLAN, Images: vicmap19.png, . Xrefs: 080346 - X-DWG; 080346 - X-DIGI.DWG; 080346 - P.DWG; 080346 - TBLK.DWG
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SITE MAP
NOT TO SCALE



AREA SUMMARY

TOTAL SITE AREA = 1.00 ACRES
DISTURBED AREA = 1.04 ACRES

EROSION CONTROL LEGEND

- 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 PER 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.
- CONTRACTOR SHALL PREVENT SEDIMENT FROM LEAVING THE SITE.
- CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
- INSTALL ADDITIONAL CONTROL MEASURES IF DEEMED NECESSARY BY ONSITE INSPECTION.
- CONTRACTOR SHALL ESTABLISH PERMANENT SOIL STABILIZATION.
- 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.
- SIDE SLOPES 12% OR GREATER SHALL BE STABILIZED WITH SOD, MAT OR EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING BY THE SITE CONTRACTOR.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE OF THEIR INTENDED FUNCTION.
- 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.
- IF DEWATERING DEVICES ARE USED, DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. ALL PUMPED DISCHARGES SHALL BE ROUTED THROUGH APPROPRIATELY DESIGNED SEDIMENT TRAPS/BASINS.
- ADDITIONAL SILT FENCE SHALL BE PROVIDED AROUND SOIL STOCKPILES.

SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES

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

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 COMPLIES WITH THE URBAN SOIL EROSION CONTROL AND STANDARDS IN ILLINOIS MANUAL (LATEST EDITION) AND THE GENERALLY RECOGNIZED METHODS IN USE IN THE AREA.

Theresa Hartsfield, PE



SITE DEVELOPMENT PLANS
POPEYE'S RESTAURANT - ROMEOVILLE

LOT 2 - BLAIN'S FARM & FLEET, S WEBER ROAD
ROMEOVILLE, ILLINOIS

EROSION CONTROL PLAN

SHEET NO.

C301

REVISION

DATE

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

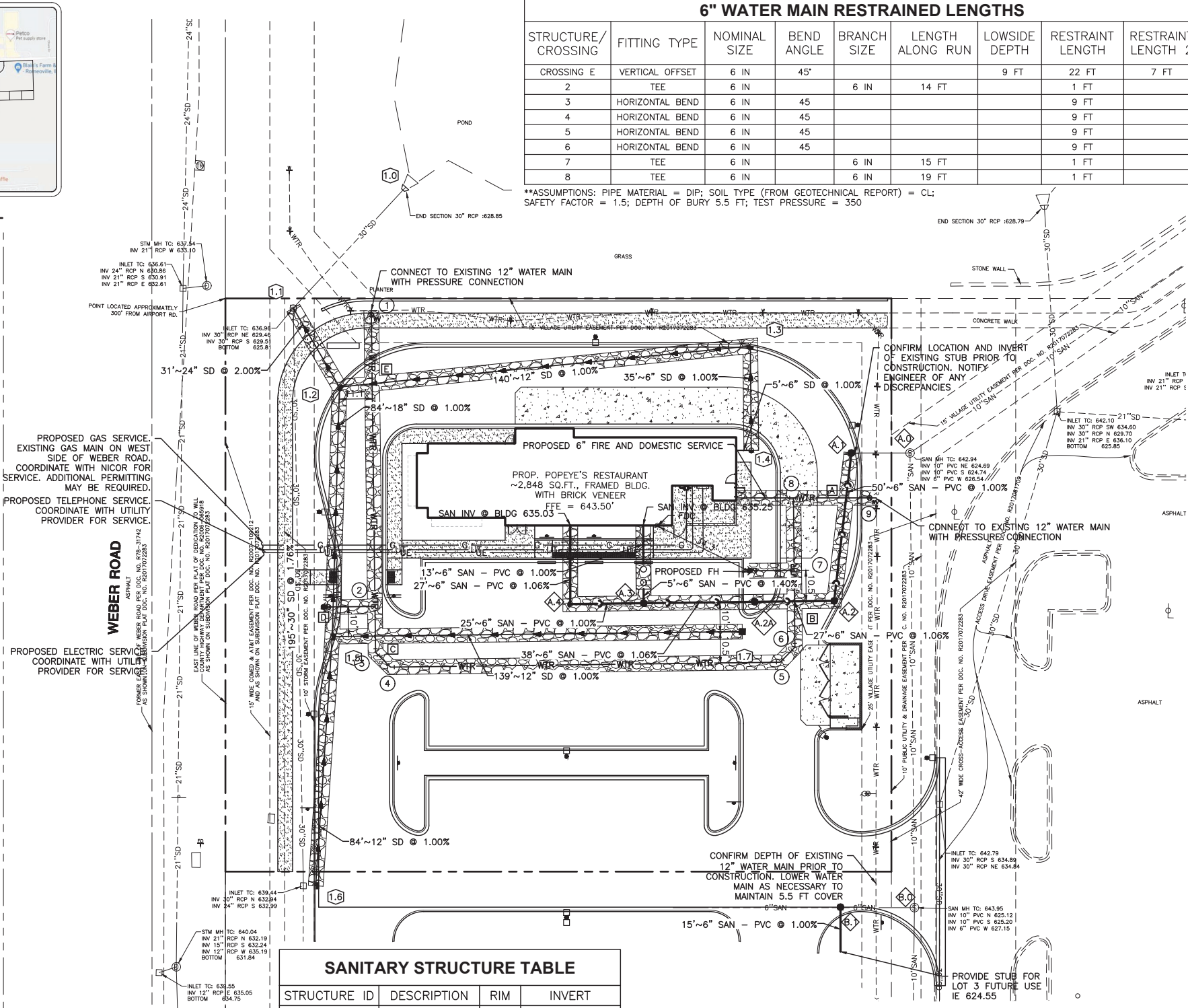


SHEET NO.

C301



SITE MAP
NOT TO SCALE



UTILITY CROSSINGS

- FINISH GRADE = 642.64
A 6" WTR B/PIPE = 636.50
6" SAN T/PIPE = 634.00 2.50'
- FINISH GRADE = 642.39
B 6" WTR B/PIPE = 636.36
6" SAN T/PIPE = 634.48 1.88'
- FINISH GRADE = 641.56
C 6" WTR B/PIPE = 635.53
12" STM T/PIPE = 635.15 0.38'
- FINISH GRADE = 642.08
D 6" WTR B/PIPE = 636.35
18" STM T/PIPE = 635.51 0.84'
- FINISH GRADE = 641.52
E 12" STM B/PIPE = 634.05
6" WTR T/PIPE = 632.5 1.55' **

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

SANITARY STRUCTURE TABLE

STRUCTURE ID	DESCRIPTION	RIM	INVERT
A.0	SANITARY MANHOLE	642.94	10" = 624.74 (S) * 10" = 624.69 (NE) * 6" = 626.54 (W) *
A.1	SANITARY DROP MANHOLE VERIFY EXISTING STUB INVERT	642.50	6" = 626.74 (E) * 6" = 633.32 (S)
A.2	SANITARY MANHOLE	642.77	6" = 633.82 (W) 6" = 633.82 (N)
A.2A	SANITARY MONITORING MANHOLE	642.64	6" = 634.10 (W) 6" = 634.10 (E)
A.3	SANITARY MANHOLE	642.73	6" = 634.50 (W) 6" = 634.50 (E) 6" = 634.53 (N)
A.4	CLEAN OUT	642.85	6" = 634.75 (N) 6" = 634.75 (E)
B.0	EXISTING SANITARY MANHOLE	644.10	10" = 625.12 (N) * 10" = 625.20 (S) * 6" = 627.15 (W) *
B.1	SANITARY MANHOLE	645.03	6" = 627.40 (S) 6" = 627.40 (E)

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

STORM STRUCTURE TABLE

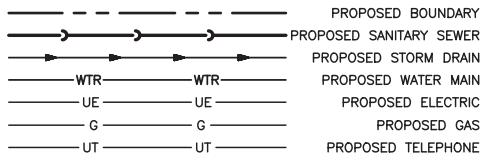
STRUCTURE ID	DESCRIPTION	RIM/GRATE	INVERT
1.0	EXISTING 30" END SECTION		30" = 628.85 (SW) *
1.1	EXISTING STORM MANHOLE	636.96	30" = 629.51 (S) * 30" = 629.46 (NE) * 24" = 630.00 (SE)
1.2	48" DIA CATCH BASIN WITH SNOOT HOOD	641.13	18" = 633.06 (S) 24" = 630.62 (NW) 12" = 634.10 (E)
1.3	48" CATCH BASIN	641.52	6" = 635.95 (S) 12" = 635.50 (W)
1.4	CLEAN OUT	643.28	6" = 636.30 (W) 6" = 636.30 (N)
1.5	48" DIA CATCH BASIN	641.21	12" = 634.16 (S) 18" = 633.90 (N) 12" = 633.90 (E)
1.6	48" DIA CATCH BASIN	640.26	12" = 635.00 (N)
1.7	24" DIA INLET	641.89	12" = 635.29 (W)

6" WATER MAIN RESTRAINED LENGTHS

STRUCTURE/ CROSSING	FITTING TYPE	NOMINAL SIZE	BEND ANGLE	BRANCH SIZE	LENGTH ALONG RUN	LOWSIDE DEPTH	RESTRAINT LENGTH	RESTRAINT LENGTH 2
CROSSING E	VERTICAL OFFSET	6 IN	45°			9 FT	22 FT	7 FT
2	TEE	6 IN		6 IN	14 FT		1 FT	
3	HORIZONTAL BEND	6 IN	45				9 FT	
4	HORIZONTAL BEND	6 IN	45				9 FT	
5	HORIZONTAL BEND	6 IN	45				9 FT	
6	HORIZONTAL BEND	6 IN	45				9 FT	
7	TEE	6 IN		6 IN	15 FT		1 FT	
8	TEE	6 IN		6 IN	19 FT		1 FT	

**ASSUMPTIONS: PIPE MATERIAL = DIP; SOIL TYPE (FROM GEOTECHNICAL REPORT) = CL;
SAFETY FACTOR = 1.5; DEPTH OF BURY 5.5 FT; TEST PRESSURE = 350

UTILITY LEGEND



- PROPOSED INLET
- PROPOSED CURB INLET
- PROPOSED MANHOLE
- PROPOSED CLEAN OUT
- PROPOSED FIRE HYDRANT
- PROPOSED VALVE
- PROPOSED VALVE VAULT

CA-6 BACKFILL

- LIGHT POLES

INDICATES DETAIL LOCATION
(DETAIL NUMBER/DETAIL SHEET)

- PROPOSED SANITARY STRUCTURE CALLOUT
- PROPOSED STORM STRUCTURE CALLOUT
- PROPOSED WATER MAIN STRUCTURE CALLOUT
- PROPOSED UTILITY CROSSING CALLOUT

UTILITY NOTES

- 2~4" SCHEDULE 40 PVC CONDUIT FOR LOCATIONS UNDER PROPOSED PAVEMENT. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR ELECTRIC SERVICE AND TRANSFORMER LOCATION.
- CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER FOR NATURAL GAS SERVICE.
- 1~4" 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 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 RUBBER COMPOSITE.
- THE VILLAGE REQUIRES SUBMISSION OF RECORDED VIDEO INSPECTIONS OF ALL PUBLIC STORM SEWERS.

WATER STRUCTURE TABLE

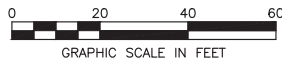
STRUCTURE ID	DESCRIPTION	RIM/RING	INVERT
H1	FIRE HYDRANT ASSEMBLY	641.81	6" = 635.78 (E)
H2	FIRE HYDRANT ASSEMBLY	642.92	6" = 638.89 (E)
1	PRESSURE CONNECTION VALVE IN VAULT 5' DIA	638.78	6" = 632.66 (S)
2	TEE		6" = 635.91 (N) 6" = 635.91 (S) 6" = 636.08 (W)
3	45" BEND		6" = 635.58 (N) 6" = 635.58 (SE)
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 (⊕):

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BENCHMARK #1 - CROSS CUT ON SE BONNET BOLT OF FIRE HYDRANT SET - SEE DRAWING FOR LOCATION.
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PROJECT No: 080346

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

UTILITY PLAN

SHEET No.

C400

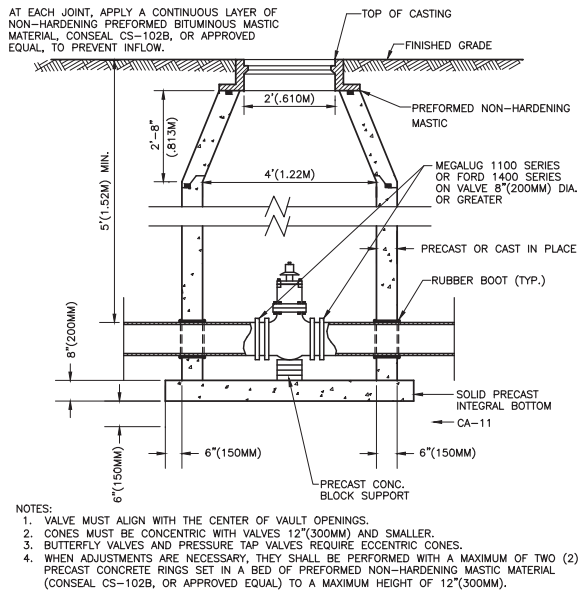


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C600



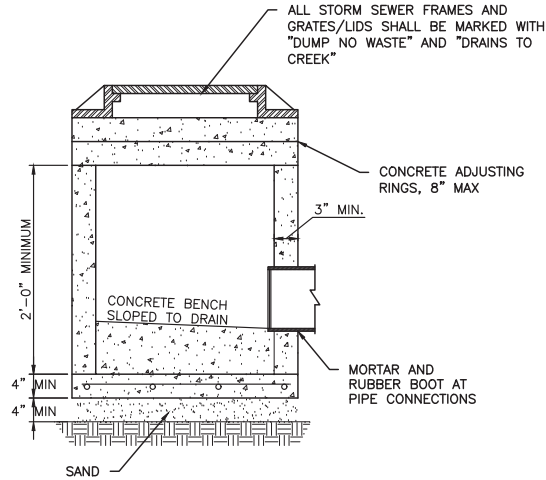
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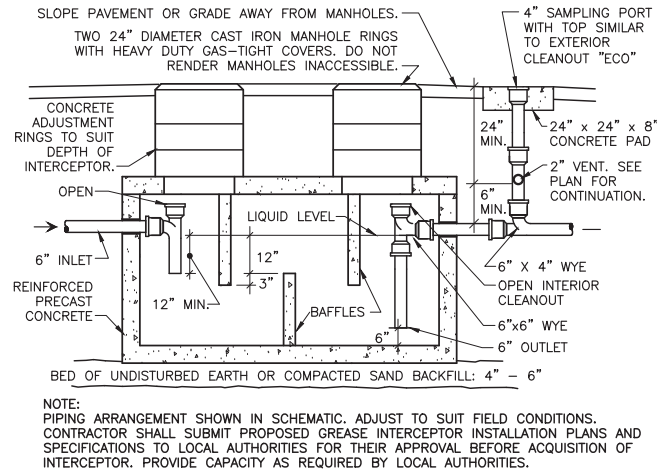
VALVE VAULT DETAIL
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C601



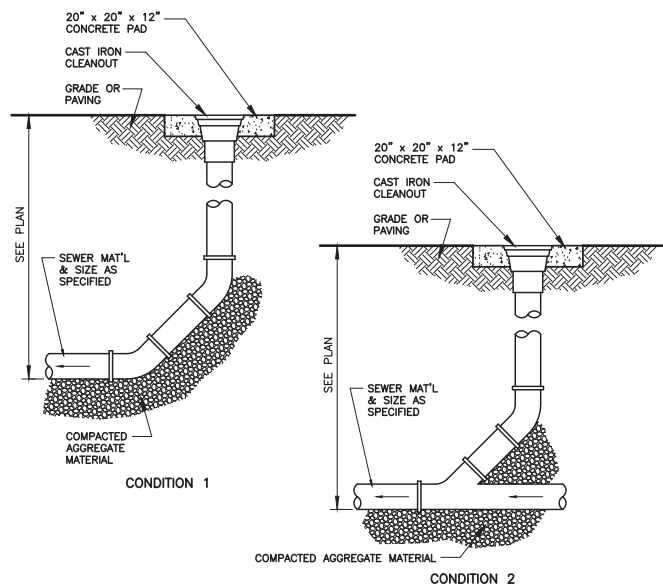
STORM INLET DETAIL
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C601



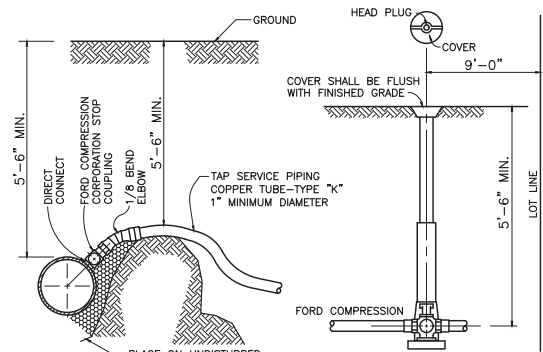
PRECAST CONCRETE GREASE INTERCEPTOR DETAIL
NTS

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C601



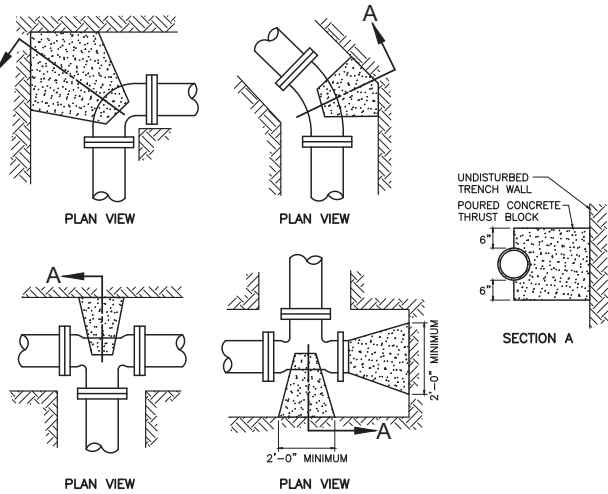
STANDARD CLEANOUT DETAIL
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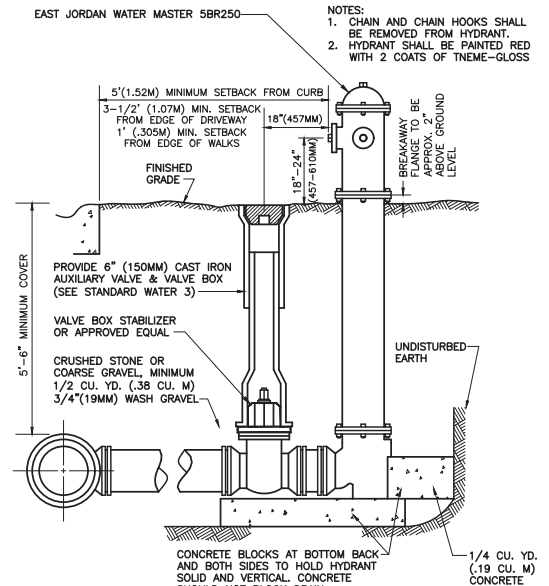
WATER SERVICE CONNECTION DETAIL
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C601



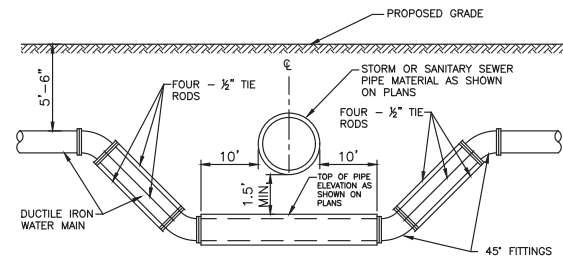
THRUST BLOCK INSTALLATION DETAIL
NTS

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C601



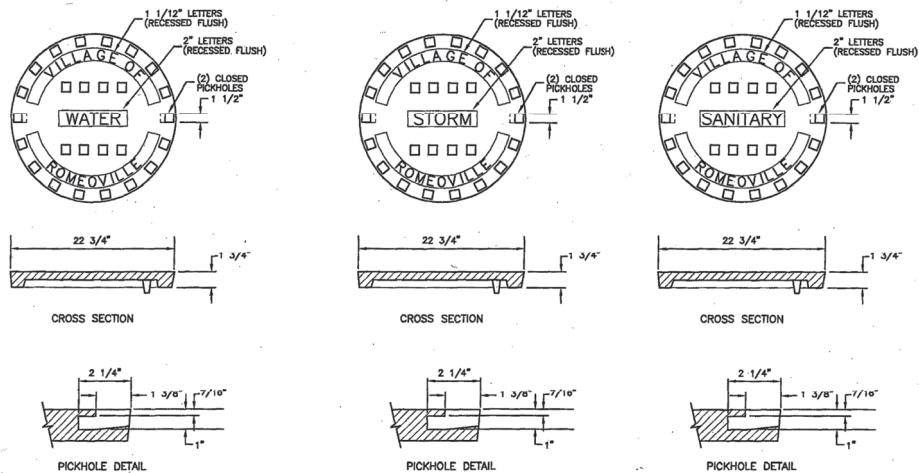
HYDRANT SETTING DETAIL
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C601



WATER MAIN LOWERING DETAIL
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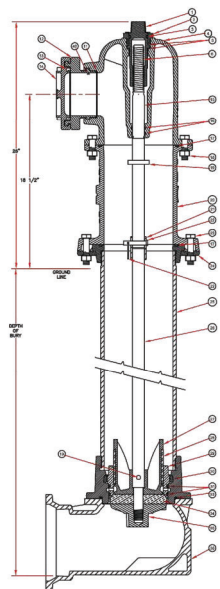
8
C601



STRUCTURE LID DETAIL
NTS

9
C601

5BR250 WaterMaster®Fire Hydrant



Product
5BR250 WaterMaster®Fire Hydrant
Design Features
1. RATED WORKING PRESSURE = 250 PSI.
2. MEETS AMERICAN CSD:

COMPONENTS	ITEMS LIST	NATIONAL
1. OPERATING NUT	BRASS	BRASS
2. LOCK DOWN NUT	BRASS	BRASS
3. TOP WHEEL	BRASS	BRASS
4. BODY NUTS	BRASS	BRASS
5. OPERATING NUT	BRASS	BRASS
6. BODY NUTS	BRASS	BRASS
7. BODY NUTS	BRASS	BRASS
8. BODY NUTS	BRASS	BRASS
9. BODY NUTS	BRASS	BRASS
10. BODY NUTS	BRASS	BRASS
11. BODY NUTS	BRASS	BRASS
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18. BODY NUTS	BRASS	BRASS
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20. BODY NUTS	BRASS	BRASS
21. BODY NUTS	BRASS	BRASS
22. BODY NUTS	BRASS	BRASS
23. BODY NUTS	BRASS	BRASS
24. BODY NUTS	BRASS	BRASS
25. BODY NUTS	BRASS	BRASS

Drawing Revision
Designer: PFB 8/20/15
Revised By:

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

SHEET NO.

C601

PROJECT No: 080346
DATE 07/31/20
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Oakbrook Terrace, IL 60181
630.424.9080
FAX: 630.495.3731



REVISION

No.

DATE

09/18/20

REVISED PER VILLAGE COMMENTS

1

09/18/20

REVISED PER VILLAGE COMMENTS

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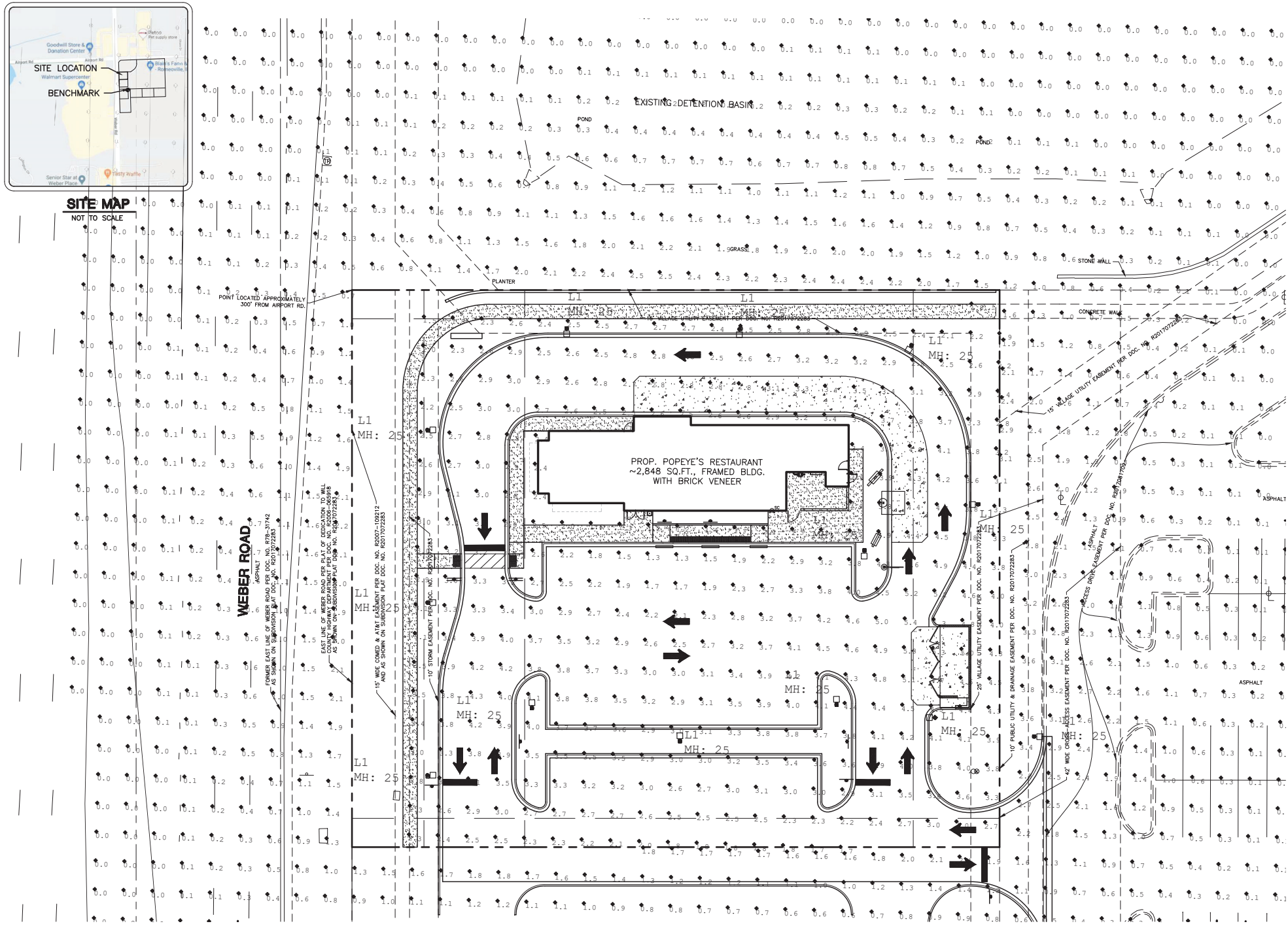
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Calculation Summary						
Label	CalcType	Units	Avg	Min	Max	Avg/Min
OFFSITE	Illuminance	FC	0.27	0.0	3.8	N/A
SITE	Illuminance	FC	3.15	1.2	5.4	2.63

Luminaire Schedule					
Symbol	Qty	Arrangement	LF	Description	Lum. Watts
	13	SINGLE	1,000	D824-LED-120-40-UNV-LP-T5	113.4

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.

GLADETINO
D824-LED
Low Profile Gladetino Luminaire

Client:
Project Name:

Order #:
Type:

City:

Performance Data
CRI
70+, 95 Optional

CCT
3000K, 3500K, 4000K,
5000K, Amber

Projected Lifetime
286,000 Hours (L70)
181,000 Hours (L80)

Dimming
0-10V Dimming Standard,
10% to 100%

Operating Temperature
-40°C to +55°C Ambient

IP Rating
IP65

ETL DSKY DLC 10 Yr USA

Description
Style combined with elegance. The Gladetino luminaire provides an aesthetically pleasing addition to any roadway or parking lot with its smooth, defined curves and highly functional optics that provide maximum lumen output while ensuring beam uniformity. The combination of form and function blend together to make Gladetino the premier outdoor lighting fixture. Dark Sky compliant when ordered at 3000K color temperature.

Features

- Die cast aluminum housing and front frame, integral heat sinking and driver compartment.
- Powder coat finish over a chromatic conversion coating.
- 8 mounting brackets available, including the new adjustable wall mount
- Weight: 15lbs; EPA: 0.60lb
- Available with rotated optics for horizontal throw (View pg 1)
- 0-10V Dimming Standard on all models
- DLC Listed for Utility Rebates (Please view DLC matrix on pg 6)
- ETL Listed for Wet Locations
- Dark Sky compliant when ordered at 3000K color temperature
- 36 Vibration Tested for Roadways
- Photocell receptacle included standard and shorting cap

D824-LED

Ordering Information

1. FIXTURE SERIES

D824-LED Gladetino Area Luminaire

2. WATTAGE/LUMENS

20	20W/3120 ^{lm}
30	30W/3950 ^{lm}
40	40W/6000 ^{lm}
60	60W/9000 ^{lm}
80	80W/10400 ^{lm}
100	100W/14130 ^{lm}
120	120W/16380 ^{lm}
150	150W/19930 ^{lm}

3. CCT

30	3000K
35	3500K
40	4000K
50	5000K

4. VOLTAGE

UNV	120-277V
347	347V ^Δ
480	480V ^Δ

5. BODY TYPE

LP Low Profile

6. OPTICS

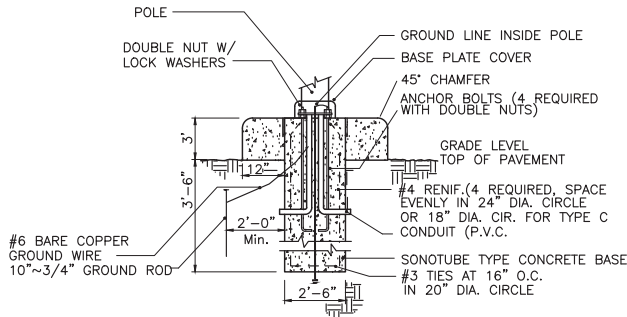
T2	Type II
T3	Type III
T4	Type IV
1A	Front Row
T5	Type V
40	40° Narrow Flood
55	55° Medium Flood
70	70° Wide Flood

7. MOUNTING

PM	Pole Mount
WB	Wall Bracket
RPMA	Round Pole Mount Adapter ^Δ
LYM	Heavy Duty Large Yoke Mount
YM	Yoke Mount
SF	Slip Fitter
PMA	Pole Mounting Arm Adapter 29"
AWM	Adjustable Wall Mount
BZ	Bronze ^Δ
BL	Black
WH	White
SL	Silver
CU	Custom ^Δ

8. OPTIONS

PC	Photocell (Twist Lock)
MS	Motion Sensor (with Dimming) ^Δ
9	95 CRI
H	Glare Shield/ House Side Shield
7P	NEMA 7-Pin Receptacle ^Δ
7R	NEMA 7-Pin Receptacle & Photocell ^Δ
D	Stand-Alone Scheduled Dimming
R	Rotated Right Optics ^Δ
L	Rotated Left Optics ^Δ



LIGHT POLE BASE DETAIL

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.



REVISION

No.	DATE	DESCRIPTION
1	09/18/20	REVISED PER VILLAGE COMMENTS

PROJECT No: 080346

DATE: 07/31/20

DES. DR. CKD. RW

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

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

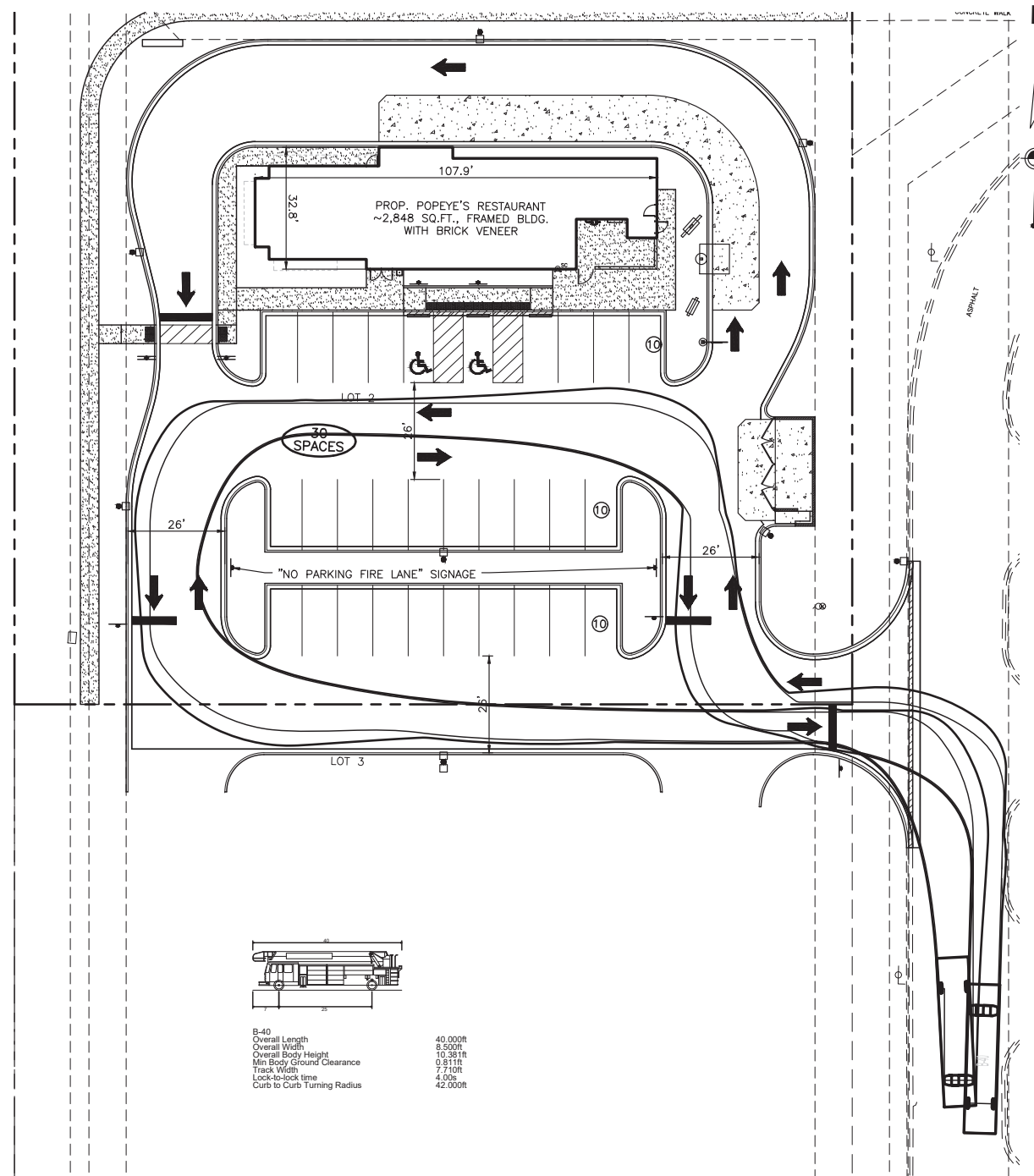
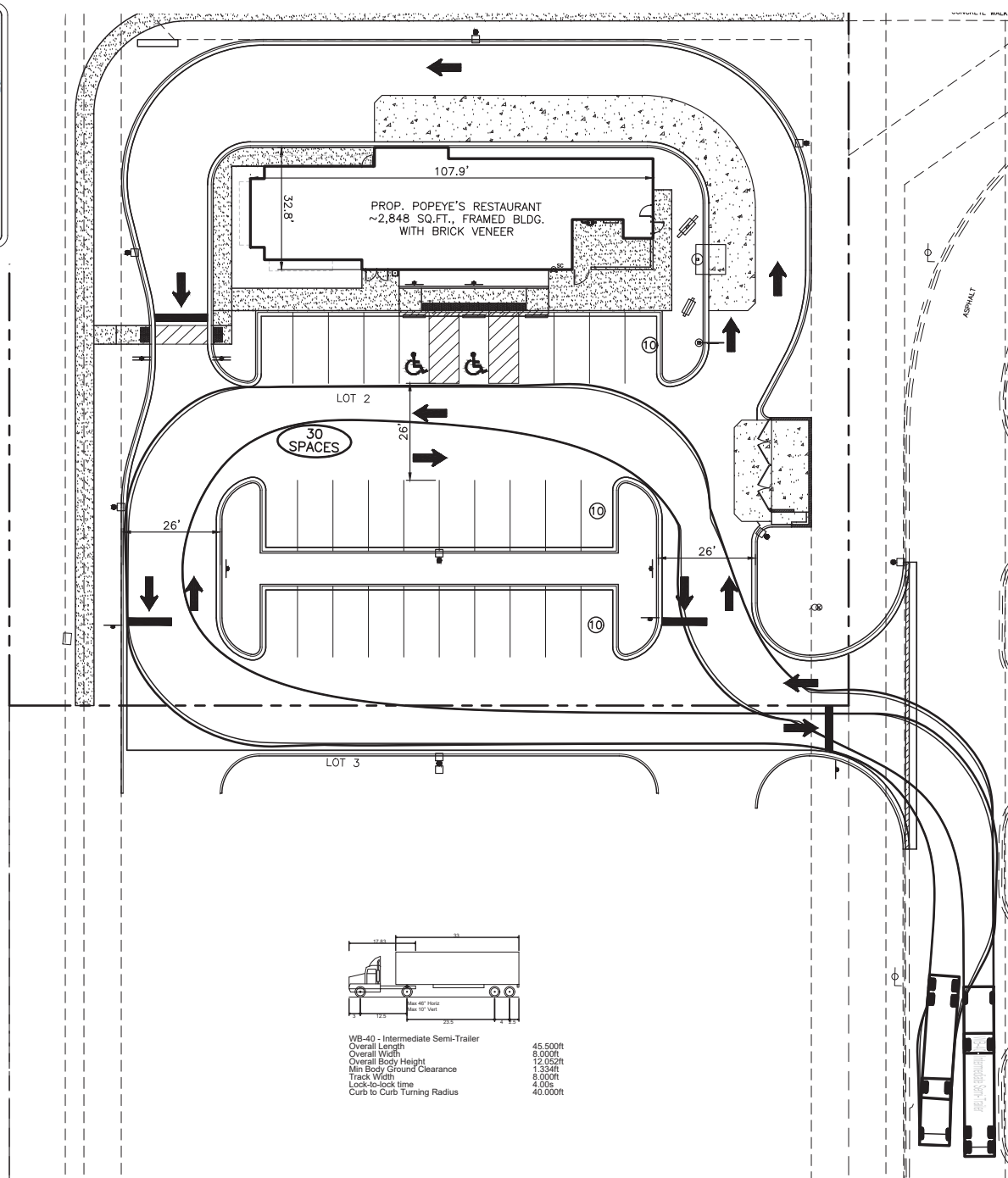
PHOTOMETRIC PLAN

SHEET NO.

C700



SITE MAP
NOT TO SCALE



BENCHMARK (⊕):

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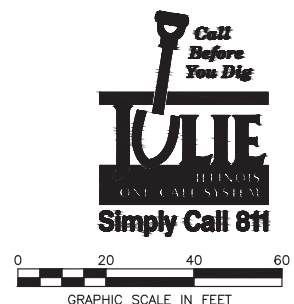
NETWORK.
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PROJECT No:	No.	DATE	REVISION
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	1	09/18/20	REVISED PER VILLAGE COMMENTS

1815 South Meyers Road
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LOT 2 - BLAIN'S FARM & FLEET, S WEBER ROAD
ROMEOVILLE, ILLINOIS

TRUCK TURNING EXHIBIT

SHEET NO.

EXH-1

