 ST. CHARLES <small>SINCE 1834</small>	AGENDA ITEM EXECUTIVE SUMMARY					
	Title:	Motion to approve an Ordinance Granting Approval of a Preliminary Streetscape Plan for First Street Phase 3 (First Street Redevelopment PUD)				
	Presenter:	Russell Colby				
<i>Please check appropriate box:</i>						
<input type="checkbox"/>	Government Operations	<input type="checkbox"/>	Government Services			
<input type="checkbox"/>	Planning & Development	<input checked="" type="checkbox"/>	City Council (5/16/16)			
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>				
Estimated Cost:		Budgeted:	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
If NO, please explain how item will be funded:						
Executive Summary:						
<p>On 12/14/15, the Planning & Development Committee reviewed and unanimously recommended approval of a Preliminary Streetscape Plan for First Street Phase 3. The plan includes streetscape improvements along First Street and Illinois Street adjacent to Buildings 1, 2 and the Parking Deck.</p> <p>The Committee requested that Staff consider an alternate sidewalk surface material instead of the planned paver brick, which was used as the primary surface material in other sections of new sidewalk along First Street.</p> <p>A revised streetscape plan has been prepared with standard concrete sidewalks as the primary walking surface.</p> <p>For visual consistency with the streetscape on the west side of First Street, matching paver brick will be utilized as an accent material in a band along the sidewalk edge and within bump-out areas where the walking surface extends into the street.</p> <p>Staff researched alternative materials such as stamped or stained concrete; however the conclusion was reached that these materials would not match the existing brick, may not be as durable, and could be difficult to maintain or repair when accessing utilities under the sidewalk.</p>						
Attachments: <i>(please list)</i>						
An Ordinance Granting Approval of Preliminary Streetscape Plan for First Street Phase 3.						
Recommendation / Suggested Action <i>(briefly explain):</i>						
Motion to approve an Ordinance Granting Approval of Preliminary Streetscape Plan for First Street Phase 3.						
<i>For office use only:</i>		<i>Agenda Item Number: IIC2</i>				

City of St. Charles, Illinois
Ordinance No. 2016-Z-_____

**An Ordinance Granting Approval of a Preliminary Streetscape Plan for
First Street Phase 3 (First Street Redevelopment PUD)**

WHEREAS, on March 2, 2015, the City approved Ordinance No. 2015-Z-5 entitled “An Ordinance Granting Approval of a PUD Preliminary Plan for a portion of Phase 3 of the First Street Redevelopment PUD (Buildings 1, 2, 3 and Parking Deck)”; and,

WHEREAS, Section 3 of Ordinance No. 2015-Z-5 states that a Preliminary Plan for Streetscape Improvements for First and Illinois Street shall be submitted for review and approval; and,

WHEREAS, a Preliminary Streetscape Plan for First and Illinois Street has been prepared by the City of St. Charles; and,

WHEREAS, the Plan Commission reviewed and recommended approval of the Preliminary Streetscape Plan on or about December 8, 2015; and,

WHEREAS, the Planning & Development Committee of the City Council recommended approval of the Preliminary Streetscape Plan on or about December 14, 2015; and,

WHEREAS, the City Council of the City of St. Charles has received the recommendations of the Plan Commission and Planning & Development Committee and has considered the same.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ST. CHARLES, KANE AND DUPAGE COUNTIES, ILLINOIS, as follows:

1. The preambles set forth hereinabove are incorporated herein as substantive provisions of this Ordinance as though fully set out in this Section 1.

2. That passage of this Ordinance shall constitute approval of the Preliminary Streetscape Plan, incorporated herein as Exhibit “A”, such that the following documents and illustrations are hereby approved, reduced copies of which are attached hereto, subject to satisfactory resolution of all outstanding staff review comments and compliance with such conditions, corrections, and modifications as may be required by the Director of Community & Economic Development and the Director of Public Works to comply with the requirements of the St. Charles Municipal Code:

- Improvement Plans for First Street Streetscape, Phase 3, Building 1, prepared by WBK Engineering, LLC, dated 5/10/16

3. That the subject property may be developed and used only in accordance with all ordinances of the City now in effect or hereafter amended or enacted.

4. That after the adoption and approval hereof, the Ordinance shall (i) be printed or published in book or pamphlet form, published by the authority of the Council, or (ii) within thirty (30) days after the adoption and approval hereof, be published in a newspaper published in and with a general circulation within the City of St. Charles.

PRESENTED to the City Council of the City of St. Charles, Kane and DuPage Counties, Illinois this 16th day of May, 2016.

PASSED by the City Council of the City of St. Charles, Kane and DuPage Counties, Illinois this 16th day of May, 2016.

APPROVED by the Mayor of the City of St. Charles, Kane and DuPage Counties, Illinois this 16th day of May, 2016.

Raymond P. Rogina, Mayor

Attest:

Nancy Garrison, City Clerk

Vote:

Ayes:

Nays:

Absent:

Abstain:

Date: _____

APPROVED AS TO FORM:

City Attorney

DATE: _____

EXHIBIT "A"

IMPROVEMENT PLANS FOR

FIRST STREET STREETScape

PHASE 3 - BUILDING 1

ST. CHARLES, ILLINOIS

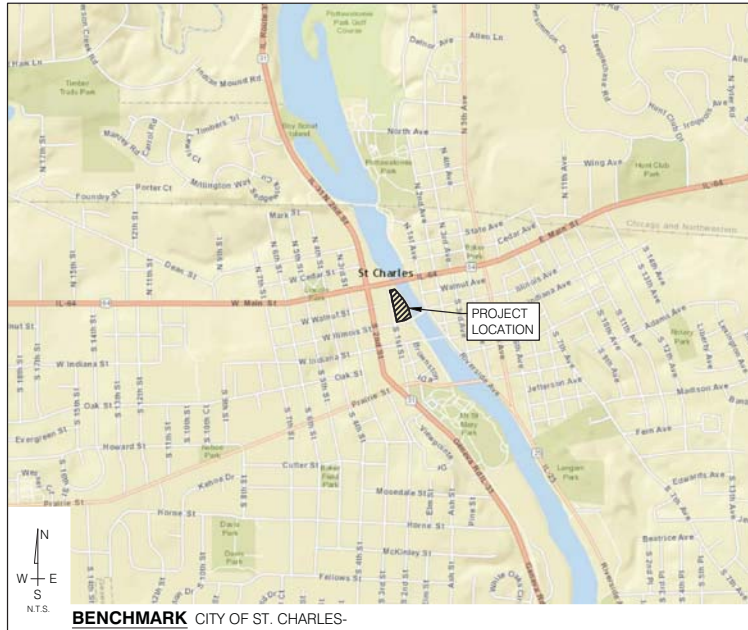
WBK PROJECT NO. 150209

PLAN LEGEND

EXISTING	LINE TYPES	PROPOSED
	— DRAIN TILE	
	— STORM SEWER	
	— SANITARY SEWER	
	— WATER MAIN (W/ SIZE)	
	— PIPE TRENCH BACKFILL	
	— GAS MAIN	
	— TELEPHONE LINES	
	— ELECTRIC LINE	
	— FENCE	
	— RIGHT-OF-WAY	
	— EASEMENT	
	— PROPERTY LINE	
	— SETBACK LINE	
	— CENTERLINE	
	— CONTOUR	
	— GUARDRAIL	
	○ SANITARY MAN-HOLE	
	○ STORM MAN-HOLE	
	○ CATCH BASIN	
	○ INLET	
	○ SUMP STRUCTURE	
	○ FIRE HYDRANT	
	○ PRESSURE CONNECTION	
	○ VALVE & VAULT, VALVE	
	○ FLARED END SECTION	
	○ STREET LIGHT	
	○ UTILITY POLE	
	○ CONTROL POINT	
	○ SIGN	
	+ SPOT ELEVATION	
	— OVERLAND FLOW ROUTE	
	— DRAINAGE SLOPE	
	○ TREE, EVERGREEN, SHRUB & PROPOSED TREE TO REMOVE	

NOTE: THE BOUNDARY LINES AND TOPOGRAPHY FOR THIS PROJECT ARE BASED ON A SURVEY PREPARED BY COUNTY ENGINEERS, INC. DATED SEPTEMBER 9, 2015. THE CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY WBK ENGINEERING AND THE CLIENT IN WRITING OF ANY DIFFERING CONDITIONS. WBK ENGINEERING HAS NOT VERIFIED THIS SURVEY AND IS NOT RESPONSIBLE FOR THE ACCURACY OF THE SURVEY BOUNDARY AND/OR TOPOGRAPHY.

LOCATION MAP



SHEET INDEX

#	TITLE	DESCRIPTION
1	CV1	COVER SHEET
2-3	GN1-GN2	GENERAL NOTES AND SPECIFICATIONS
4	GM1	GEOMETRIC PLAN
5	UT1	UTILITY PLAN
6	GR1	GRADING PAVING AND SESC PLAN
7	LP1	LANDSCAPE PLAN
8-12	DT1-DT5	DETAILS

REVISIONS

ORIGINAL PLAN DATE: 02/05/2016			
#	SHEET #	DESCRIPTION	DATE
1	ALL	REVISED PER CITY COMMENT	2/18/16
2	ALL	ISSUED FOR PRICING	3/17/16
3	5, 7- 12	REVISED PER CITY COMMENT	5/10/16

CLIENT

CITY OF ST. CHARLES
2 EAST MAIN STREET
ST. CHARLES, IL. 60174



CIVIL ENGINEER

ENGINEER
GREGORY J. CHISMAR, P.E.

ILLINOIS REGISTRATION NO.: 062-044133
EXPIRATION DATE: 11/30/2017

DATE



THESE PLANS OR ANY PART THEREOF SHALL BE CONSIDERED VOID WITHOUT THE SIGNATURE, SEAL, AND EXPIRATION DATE OF SEAL OF THE ENGINEER



CALL J.U.L.I.E. 1-800-892-0123
48 HOURS BEFORE YOU DIG
CITY OF ST. CHARLES, KANE COUNTY
SW 1/4 SECTION 27 & NW 1/4 SECTION 34, T40N, R8E



WBK ENGINEERING, LLC

116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174
P: 630.443.7755 F: 630.443.0533 WWW.WBKENGINEERING.COM

PROFESSIONAL DESIGN FIRM NO. 184-002097
EXPIRATION DATE: 04/30/2017

C:\Users\jchismar\Documents\150209\150209.dwg 11/30/2017 10:41:41 AM

GENERAL NOTES

- REFERENCED SPECIFICATIONS AND CODES
 - THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SSRBC), AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE MOST CURRENT VERSION AND ALL AMENDMENTS THERETO, THE DESIGN MANUAL, HIGHWAY STANDARDS, AND THE CULVERT MANUAL, ALSO PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION EXCEPT AS MODIFIED HEREIN OR BY ANY PUBLIC AGENCY PERMITS ISSUED FOR THIS WORK.
 - ILLINOIS DESIGN STANDARDS FOR SEWAGE WORKS.
 - TECHNICAL POLICY STATEMENTS OF THE IEPA, DIVISION OF PUBLIC WATER SUPPLY.
 - TECHNICAL STANDARDS FOR WATER WORKS, BY THE GREAT LAKES UPPER MISSISSIPPI RIVER BOARD OF STATE SANITARY ENGINEERS ("10 STATES STANDARDS").
 - MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - THE AMERICANS WITH DISABILITIES ACT, THE ILLINOIS ACCESSIBILITY CODE AND THE FAIR HOUSING ACT.
 - THE ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL, AND IEPA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL.
 - U.S. SOIL CONSERVATION SERVICE FIELD ENGINEERING HANDBOOK.
 - ALL CODES AND ORDINANCES OF KANE COUNTY AND THE CITY OF ST. CHARLES.
 - ALL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.
 - THE CITED STANDARD SPECIFICATIONS, CODES AND PERMITS, WITH THESE CONSTRUCTION PLANS AND DETAILS, ARE ALL TO BE CONSIDERED PART OF THE WORK. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE CONSIDERED A PART OF THESE IMPROVEMENTS.
 - CITY OF ST. CHARLES ENGINEERING DESIGN AND INSPECTION POLICY MANUAL.
 - IN CASE OF CONFLICT, THE MORE RESTRICTIVE PROVISION SHALL APPLY.
- UTILITY LOCATIONS
 - TO THE BEST OF OUR KNOWLEDGE, EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM OR ESTABLISH THE EXISTENCE OF ALL EXISTING UTILITY FACILITIES AND THEIR EXACT LOCATIONS, AND TO SAFELY SCHEDULE ALL UTILITY RELOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLAN. THE CONTRACTOR SHALL CALL, I.E. AT 608-992-1123 AND THE AGENCY HAVING JURISDICTION OVER LOCAL WATER, SEWER AND ELECTRICAL SYSTEMS, FOR UTILITY LOCATIONS.
 - IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH LOCATIONS OF THE NEW CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND CITY.
- UTILITY COORDINATION
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY AND THE UTILITY OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXPENSES INCURRED IN THE REPAIR OF DAMAGED UTILITY APPURTENANCES.
 - THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE NATURE AND STATUS OF ALL UTILITY RELOCATION WORK PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT CONSTRUCTION OPERATIONS DO NOT INTERFERE WITH UTILITY FACILITIES AND RELOCATION WORK. THE SCHEDULE SHOULD REFLECT CONSTRUCTION SEQUENCING WHICH COORDINATES WITH ALL UTILITY RELOCATION WORK. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST THE ORDER OF WORK FROM TIME TO TIME, TO COORDINATE SAME WITH UTILITY RELOCATION WORK, AND SHALL PREPARE REVISED SCHEDULES IN COMPLIANCE THEREWITH AS DIRECTED BY THE OWNER.
 - THE OWNER, ENGINEER, ALL GOVERNING AGENCIES AND UTILITY COMPANIES SHALL BE NOTIFIED IN WRITING BY THE CONTRACTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY OPERATION REQUIRING COOPERATION WITH OTHERS.
- ALL CONTRACTORS ARE ADVISED TO VISIT THE SITE PRIOR TO SUBMITTING BIDS.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO ENGINEER BEFORE DOING ANY WORK. OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTIONS ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- THE CONTRACTOR AND HIS JOB SUPERINTENDENT SHALL BE RESPONSIBLE FOR COMPLYING WITH THE JOB SPECIFICATIONS THE CONTRACTOR SHALL DESIGNATE A SUPERINTENDENT AT THE START OF CONSTRUCTION AND THE CONTRACTOR'S SUPERINTENDENT SHALL BE ON-SITE AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY AS NECESSARY, ALL TESTING AGENCIES AS CONTRACTED BY THE OWNER, SUFFICIENTLY IN ADVANCE OF CONSTRUCTION. FAILURE OF CONTRACTOR TO ALLOW PROPER NOTIFICATION TIME WHICH RESULTS IN TESTING AGENCIES BEING UNABLE TO VISIT SITE WILL RESULT IN THE CONTRACTOR SUSPENDING OPERATIONS (PERTAINING TO TESTING) UNTIL TESTING OPERATIONS CAN BE COMPLETED. COST OF SUSPENSION OF WORK TO BE BORNE BY CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE FIELD ENGINEERING SERVICES TO ESTABLISH AND RECORD GRADES, LINES, AND ELEVATIONS.
- THE CONTRACTOR SHALL MAINTAIN VEHICULAR ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES. AT NO TIME SHALL ACCESS BE DENIED TO BUILDINGS AND ROADWAYS WITHIN THE SITE UNLESS APPROVED BY THE CITY OF ST. CHARLES.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN TRAFFIC AT ALL TIMES WHICH SHALL INCLUDE TRAFFIC BARRICADES, FENCING, ETC. AS DIRECTED BY THE CITY. NOTE THAT HIGH VOLUMES OF PEDESTRIANS, BIKES, AND RUNNERS ARE OFTEN PRESENT ON FIRST AND ILLINOIS STREETS. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.**
- ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR DETERMINATION.
- ANY EXISTING SIGNS, LIGHT STANDARDS AND UTILITY POLES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND NOT NOTED FOR REMOVAL SHALL BE KEPT OPERATIONAL AND MAINTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE AS SHOWN ON THE ENGINEERING PLANS OR AS DIRECTED BY THE OWNER. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE OWNER. ANY SIGNS NOT REQUIRED TO BE RESET, SHALL BE DELIVERED TO THE RESPECTIVE OWNERS.
- THE CONTRACTOR SHALL MAINTAIN ALL STREETS DRIVEWAYS, PARKING AREAS, AND RIGHTS-OF-WAY IN THE AREA

- FREE OF SOIL, MUD AND CONSTRUCTION DEBRIS. STREETS TO BE CLEANED AT THE END OF EACH BUSINESS DAY OR SOONER.
- THE CONTRACTOR SHALL COORDINATE WITH THE ST. CHARLES FIRE AND POLICE DEPARTMENTS PRIOR TO ANY PAVEMENT OR SIDEWALK WORK.
 - THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHORING, AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS BEFORE CONSTRUCTION BEGINS. HE SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS SIDEWALKS, CURBS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC.
 - WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, TEMPORARY DITCHES OR GUTTERS SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SHALL BE CLEANED AS NECESSARY TO INSURE THAT THEY ARE FREE FROM ALL DIRT AND DEBRIS PRIOR TO THE FINAL INSPECTION OF THE PROJECT. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
 - NO CONSTRUCTION VEHICLES SHALL BE STORED, SERVICED, WASHED OR FLUSHED IN A LOCATION WHERE LEAKS, SPILLAGE WASTE MATERIALS, CLEANERS, OR WATERS WILL BE INTRODUCED OR FLOW INTO WATERCOURSES.
 - THE PROJECT SITE IS SUBJECT TO FLOODING. THE CONTRACTOR SHALL MONITOR WEATHER FORECASTS AND REMOVE ALL EQUIPMENT (INCLUDING ANY FUEL, EXPLOSIVES OR HAZARDOUS MATERIALS) IN FLOOD PRONE AREAS IN THE EVENT OF ANY FLOOD WATCHES OR WARNINGS.
 - THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION STAKING.
 - THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB.
 - ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF CONSTRUCTION.
 - ITEMS SPECIFIED FOR REMOVAL, INCLUDING BUT NOT LIMITED TO, PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, CULVERTS, ETC. SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE. THE CONTRACTOR SHALL IDENTIFY PROPOSED LOCATIONS FOR SUCH DISPOSAL.
 - THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO PROJECT COMMENCEMENT AT NO ADDITIONAL EXPENSE TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY AND ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL REQUIRED FOR CLEAN-UP AS DIRECTED BY THE ENGINEER OR OWNER.
 - ALL SEWER AND WATER MAIN CONSTRUCTION WITHIN THE LIMITS OF THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, CURRENT EDITION, AND ALL SUPPLEMENTS AND REVISIONS THERETO, WITH THE "SPECIAL PROVISIONS" WITH THESE CONSTRUCTION NOTES, AND WITH THE STANDARD SPECIFICATIONS OF THE AGENCY HAVING JURISDICTION OVER THE PROJECT.
 - ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT AND PARKWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNLESS SPECIFICALLY NOTED ON THE PLANS.
 - A COPY OF THE SPECIFICATIONS SHALL BE IN THE POSSESSION OF THE CONTRACTOR ON THE PROJECT AT ALL TIMES, INCLUDING ALL CHANGES IN WORK UPON THE PROJECT. ARISING OUT OF THE CONDUCT OF THE CONTRACTOR ARISING OUT OF THE PERFORMANCE OF THIS AGREEMENT OR ANY WORK RELEVANT THERETO, OR ARISING OUT OF ANY FEDERAL, STATE OR LOCAL STATUTE, RULE, REGULATION OR ORDINANCE, INCLUDING BUT NOT LIMITED TO THE PROVISIONS OF THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS ACT (OSHA).
 - BEFORE FINAL APPROVAL BY THE OWNER AND THE AGENCY HAVING JURISDICTION OVER THE PROJECT, ALL WORK SHALL BE INSPECTED BY THE OWNER OR HIS REPRESENTATIVE AND A REPRESENTATIVE OF THE AGENCY HAVING JURISDICTION OVER THE PROJECT. THE FINAL PAYMENT WILL BE MADE AFTER ALL OF THE CONTRACTOR'S WORK HAS BEEN APPROVED AND CERTIFIED COMPLETE. THE CONTRACTOR SHALL GUARANTEE HIS WORK FOR A PERIOD OF ONE YEAR FROM THE DATE ON THE CERTIFICATE OF COMPLETION AND SHALL BE HELD RESPONSIBLE FOR ANY DEFECTS IN MATERIAL OR WORKMANSHIP OF THIS WORK DURING THAT PERIOD. ADDITIONALLY, THE CONTRACTOR SHALL PROVIDE A ONE-YEAR MAINTENANCE BOND AS SPECIFIED IN THE CONTRACT DOCUMENTS.

INDEMNIFICATION

- HOLD HARMLESS, THE CONTRACTOR, AS A CONDITION OF THE CONTRACT, HEREBY AGREES TO ASSUME THE ENTIRE RESPONSIBILITY AND LIABILITY FOR, AND DEFENSE OF, AND TO PAY AND INDEMNIFY AND HOLD THE OWNER, THE ENGINEER, THE CITY, AGENTS AND EMPLOYEES HARMLESS FROM ALL CLAIMS FOR DAMAGES OR INJURY (OR DEATH RESULTING THEREFROM) TO ANY AND ALL PERSONS, INCLUDING EMPLOYEES OR AGENTS OR ANY PERSON OR FIRM WHO ENGAGES IN WORK UPON THE PROJECT, ARISING OUT OF THE CONDUCT OF THE CONTRACTOR ARISING OUT OF THE PERFORMANCE OF THIS AGREEMENT OR ANY WORK RELEVANT THERETO, OR ARISING OUT OF ANY FEDERAL, STATE OR LOCAL STATUTE, RULE, REGULATION OR ORDINANCE, INCLUDING BUT NOT LIMITED TO THE PROVISIONS OF THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS ACT (OSHA).
- ALL COSTS, FEES AND EXPENSES, INCLUDING, BY WAY OF EXAMPLE AND WITHOUT LIMITATION, REASONABLE ATTORNEY'S FEES, COURT COSTS, COURT REPORTERS FEES, TRANSCRIPT COSTS, SUBPOENA FEES AND COSTS, WITNESS FEES, SERVICE COSTS, AND DOCUMENT REPRODUCTION COSTS INCURRED BY THE CITY AS A RESULT OF ANY CLAIMS FOR DAMAGE OR INJURY AS ENUMERATED ABOVE SHALL BE PAID BY THE CONTRACTOR.
- THE CONTRACTOR(S) SHALL NAME WBK ENGINEERING LLC, AND THE CITY OF ST. CHARLES AS ADDITIONAL NAMED INSURED(S) ON ALL LIABILITY INSURANCE POLICIES AND SHALL PROVIDE THE CITY AND WBK WITH CERTIFICATES OF INSURANCE PRIOR TO COMMENCEMENT OF ANY WORK.

GENERAL EXCAVATION/UTILITY NOTES

- COST FOR SHORING AND BRACING, SHEET PILING, UPRIGHTS, STRINGERS, CROSS BRACES, ETC. SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL PREVENT SURFACE WATER AND SUBSURFACE OR GROUNDWATER FROM FLOWING INTO EXCAVATIONS. REMOVE WATER TO PREVENT SOFTENING OF FOUNDATION BOTTOMS, UNDERCUTTING FOOTINGS, AND SOIL CHANGES DEMENTAL TO STABILITY OF SUBGRADES AND FOUNDATIONS. PROVIDE AND MAINTAIN PUMPS, SUMP, SUCTION AND DISCHARGE LINES AND OTHER DEWATERING SYSTEM COMPONENTS NECESSARY TO CONVEY WATER AWAY FROM EXCAVATIONS. CONVEY WATER REMOVED FROM EXCAVATIONS AND RAINWATER TO COLLECTING OR OFF-SITE AREAS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. PROVIDE AND MAINTAIN TEMPORARY DRAINAGE DITCHES AND OTHER DIVERSIONS OUTSIDE EXCAVATION LIMITS FOR EACH STRUCTURE. THE CONTRACTOR SHALL NOT USE TRENCH EXCAVATIONS AS TEMPORARY DRAINAGE DITCHES.
- IMMEDIATELY REPORT CONDITIONS THAT MAY CAUSE UNSOUND BEARING TO THE OWNER OR OWNER'S AGENT.
- UNDERGROUND WORK SHALL INCLUDE TRENCHING, INSTALLATION OF PIPE, CASTINGS, STRUCTURES, BACKFILLING OF TRENCHES AND COMPACTION AND TESTING AS SHOWN ON THE CONSTRUCTION PLANS. FITTINGS AND ACCESSORIES NECESSARY TO COMPLETE THE WORK MAY NOT BE SPECIFIED, BUT SHALL BE CONSIDERED AS INCIDENTAL TO THE COST OF THE IMPROVEMENTS.
- EXISTING DRAINAGE STRUCTURES AND SYSTEMS SHALL BE CLEANED OF DEBRIS AND PATCHED AS NECESSARY TO ASSURE INTEGRITY OF THE STRUCTURE, WHERE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER. DRAINAGE STRUCTURES AND SYSTEMS CONSTRUCTED AS PART OF THIS PROJECT SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS EXPENSE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

EARTHWORK NOTES

- GENERAL
 - EARTH EXCAVATION SHALL INCLUDE STRIPPING AND STOCKPILING TOPSOIL, RE-SPREADING TOPSOIL FROM ON-SITE, REMOVING UNSUITABLE MATERIALS, THE CONSTRUCTION OF EMBANKMENTS, CONSTRUCTING NON-STRUCTURAL FILLS, AND FINAL SHAPING AND TRIMMING TO THE LINES, GRADES, AND CROSS-SECTIONS SHOWN ON THE PLANS. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE PROVISIONS OF SECTION 200 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS.
 - THE GRADING OPERATIONS ARE TO BE CLOSELY SUPERVISED AND INSPECTED BY THE SOILS ENGINEER OR HIS REPRESENTATIVE PARTICULARLY DURING THE REMOVAL OF UNSUITABLE MATERIAL AND THE CONSTRUCTION OF EMBANKMENTS.
 - THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE UNLESS NOTED OTHERWISE.
 - THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION, AND PREVENT STORMWATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR WORK RESULTING FROM CONTRACTORS FAILURE TO PROVIDE PROPER DRAINAGE. GRADED AREAS SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION AND TRAFFIC.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF THE "SOIL EROSION AND SEDIMENTATION CONTROL MEASURES". THE INITIAL ESTABLISHMENT OF EROSION CONTROL AND THE PLACEMENT OF SILT FENCING, ETC. TO PROTECT ONSITE AND ADJACENT PROPERTY, ETC. SHALL OCCUR BEFORE ANY WORK BEGINS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE LEGAL DISPOSAL OF ALL EXCAVATED MATERIAL INCLUDING PAVEMENT, CONCRETE, ETC. FROM THE SITE.
- TOPSOIL
 - TOPSOIL SHALL BE PLACED IN OWNER DESIGNATED AREAS FOR FUTURE USE WITHIN AREAS TO BE LANDSCAPED, AND THOSE AREAS NOT REQUIRING STRUCTURAL FILL MATERIAL. PROVIDE NECESSARY EROSION CONTROL MEASURES FOR STOCKPILE.
 - TOPSOIL STOCKPILED FOR RESPREAD SHALL BE FREE OF CLAY AND SHALL NOT CONTAIN ANY OF THE TRANSITIONAL MATERIAL BETWEEN THE TOPSOIL AND CLAY. THE TRANSITIONAL MATERIAL SHALL BE USED IN NON-STRUCTURAL FILL AREAS OR DISPOSED OF OFF-SITE.
 - TOPSOIL PLACEMENT SHALL INCLUDE HAULING AND SPREADING 4" OR MORE OF TOPSOIL OVER AREAS TO BE LANDSCAPED WHERE SHOWN ON THE PLANS OR DIRECTED BY THE CITY.
- EXCAVATION/EMBANKMENT
 - SUB-GRADE SHALL BE GRADED TO WITHIN A TOLERANCE OF 0.1 FEET OF THE PLAN SUBGRADE ELEVATIONS WHILE MAINTAINING PROPER DRAINAGE.
 - FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS THAT SHALL NOT EXCEED EIGHT (8) INCHES IN THICKNESS, AND THE WATER CONTENT SHALL BE ADJUSTED IN ORDER TO ACHIEVE REQUIRED COMPACTION. STRUCTURAL FILL MATERIAL MAY BE PLACED WITHIN THOSE PORTIONS OF THE SITE NOT REQUIRING STRUCTURAL FILL, TO WITHIN SIX (6) INCHES OF THE PLAN FINISHED GRADE ELEVATION. IN AREAS REQUIRING STRUCTURAL FILL, HOWEVER, THIS MATERIAL SHALL NOT BE PLACED OVER TOPSOIL OR OTHER UNSUITABLE MATERIALS UNLESS SPECIFICALLY DIRECTED BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE CITY.
 - COMPACTION OF THE CLAY AND OTHER SUITABLE MATERIALS SHALL BE TO AT LEAST 93% OF THE MODIFIED PROCTOR DRY DENSITY WITHIN PROPOSED PAVEMENT AREAS, SIDEWALK, ETC.
- UNSUITABLE MATERIAL
 - UNSUITABLE MATERIAL SHALL BE CONSIDERED AS MATERIAL WHICH IS NOT SUITABLE FOR THE SUPPORT OF PAVEMENT AND STRUCTURAL CONSTRUCTION, AND IS ENCOUNTERED BELOW NORMAL TOPSOIL DEPTHS AND THE PROPOSED SUBGRADE ELEVATION. THE DECISION TO REMOVE SAID MATERIAL, AND TO WHAT EXTENT, SHALL BE MADE BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE CITY.

- IN THE EVENT THAT UNSTABLE/SOFT MATERIALS ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE OWNER OR OWNERS AGENT IMMEDIATELY.
- ALL TOP OF NEW FRAMES FOR STORM AND SANITARY SEWERS AND VALVE VAULT COVERS ARE TO BE ADJUSTED TO MEET FINAL FINISHED GRADE. THIS ADJUSTMENT IS TO BE MADE BY THE CONTRACTOR AND THE COST IS TO BE CONSIDERED INCIDENTAL. THESE ADJUSTMENTS TO FINISHED GRADE WILL NOT ALLEVATE THE CONTRACTOR FROM ANY ADDITIONAL ADJUSTMENTS AS REQUIRED BY OWNER UPON FINAL INSPECTION OF THE PROJECT.
- AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.
- DIRECT PUMPING INTO THE FOX RIVER WILL NOT BE PERMITTED.

PROJECT NO. 150209		DATE: 02/05/2016		DRAWING NO. GN1		SHEET:	
 WBK ENGINEERING, LLC 150 Main Street, Suite 201 St. Charles, Illinois 60174 (630) 443-7755		CLIENT: CITY OF ST. CHARLES 2 EAST MAIN STREET ST. CHARLES, IL 60174 630-377-4400		TITLE: FIRST STREET STREETScape GENERAL NOTES AND SPECIFICATIONS		G/C: _____ D/SR: _____ DWN: _____ EAM: _____ CHD: _____ G/C: _____ SCALE: "A" CITY COMMENTS: _____ CITY COMMENTS: _____ NATURE OF REVISION: _____ NO DATE: _____ GNT150209.DWG	

TRAFFIC CONTROL AND PROTECTION NOTES

- 1. ALL CONSTRUCTION SIGNING SHALL CONFORM TO THE LATEST STANDARDS IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE REQUIREMENTS OF THE CITY OF ST. CHARLES UNLESS OTHERWISE NOTED ON THE PLANS.
- 2. LOCATIONS OF TEMPORARY SIGNS SHALL BE ADJUSTED AS DIRECTED BY THE CITY SO AS NOT TO CONFLICT WITH EXISTING PERMANENT SIGNS. EXISTING SIGNS IN CONFLICT WITH TEMPORARY SIGNS SHALL BE COVERED OR RELOCATED AS DIRECTED BY THE CITY OF ST. CHARLES.
- 3. UPON COMPLETION OF THE PROJECT, ALL EXISTING SIGNS AND PAVEMENT MARKINGS WHICH ARE REMOVED IN ADVANCE OF CONSTRUCTION SHALL BE RE-ESTABLISHED AS DIRECTED BY THE CITY.
- 4. PORTABLE TEMPORARY SIGNS AND OTHER TEMPORARY TRAFFIC PROTECTIVE DEVICES SHALL REMAIN IN PLACE DURING ALL CONSTRUCTION ACTIVITIES AND NORMAL TRAFFIC OPERATIONS RESTORED AT THE END OF EACH WORK DAY AS DIRECTED BY THE CITY.
- 5. THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION EQUIPMENT, MATERIALS AND DEBRIS ARE REMOVED FROM THE ACCESSWAY AND ROADWAY PRIOR TO THE REMOVAL OF THE SIGNAGE.
- 6. TRAFFIC CONTROL SIGNS SHALL BE MOUNTED ON POSTS WHEN FEASIBLE. POST MOUNTED TRAFFIC CONTROL SIGNS SHALL BE COVERED AT THE END OF EACH WORK DAY AS DIRECTED BY THE CITY.
- 7. THE CONTRACTOR SHALL NOTIFY THE CITY OF ST. CHARLES AT LEAST 14 DAYS IN ADVANCE OF HIS PLANS TO IMPLEMENT THE TRAFFIC CONTROL PLAN.
- 8. THE CONTRACTOR SHALL IMPLEMENT THE TRAFFIC CONTROL PLAN BEFORE THE START OF CONSTRUCTION.
- 9. THE CONTRACTOR IS TO INSTALL CONSTRUCTION FENCE (PLASTIC SAFETY FENCING) AROUND THE PERIMETER OF THE CONSTRUCTION AREA AND EQUIPMENT AT THE END OF EACH WORK DAY AS DIRECTED BY THE CITY.
- 10. ALL EXIT DOORS FROM CITY BUILDINGS SHALL REMAIN UNOBSTRUCTED AND FUNCTIONAL AS DURING EMERGENCY EXITS.
- 11. THE CONTRACTOR SHALL MAINTAIN VEHICULAR ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES. AT NO TIME SHALL ACCESS BE DENIED TO BUILDINGS AND ROADWAYS WITHIN THE SITE UNLESS APPROVED BY THE CITY OF ST. CHARLES.
- 12. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN TRAFFIC AT ALL TIMES WHICH SHALL INCLUDE TRAFFIC BARRICADES, FENCING, ETC. AS DIRECTED BY THE CITY. NOTE THAT HIGH VOLUMES OF PEDESTRIANS, BIKES, AND RUNNERS ARE OFTEN PRESENT ON FIRST STREET. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

LANDSCAPING NOTES

- 1. DO NOT LOCATED PLANTS WITHIN 10 FEET OF UTILITY STRUCTURES. DO NOT LOCATED PLANTS WITHIN 5 FEET HORIZONTALLY OF UNDERGROUND UTILITY LINES.
- 2. ALL PLANTS WILL CONFORM IN SIZE AND GRADE TO THE LATEST EDITION OF ANSI Z601, AMERICAN STANDARD FOR NURSERY STOCK.
- 3. ALL PLANTS WILL BE INSTALLED IN ACCORDANCE WITH THE MINIMUM TECHNICAL SPECIFICATIONS OF THE ILLINOIS LANDSCAPE CONTRACTORS ASSOCIATION, INCLUDING THE PROVISIONS FOR GUARANTEE AND REPLACEMENT.
- 4. THE APPROVED PLANT MATERIAL WILL BE ON SITE FOR INSPECTION BY THE LANDSCAPE ARCHITECT TO DETERMINE THE QUANTITY AND SIZE REQUIREMENTS HAVE BEEN MET. A POST PLANTING INSPECTION SHALL BE COMPLETED AND APPROVED PRIOR TO ISSUANCE OF FINAL ACCEPTANCE.
- 5. SPECIFIED VARIETIES OF ANY SPECIES WILL BE SPECIMEN TYPE AND WILL BE FIRST CLASS REPRESENTATIVES OF THEIR NORMAL SPECIES AND VARIETIES. THEY WILL HAVE WELL DEVELOPED ROOT AND BRANCH SYSTEMS, REASONABLY STRAIGHT STEMS AND A WELL DEFINED SINGLE LEADER.
- 6. ALL PLANTS WILL BE NURSERY GROWN WITH A GOOD COMPACT, FULLY DEVELOPED FIBROUS ROOT SYSTEM WHICH HAS BEEN DEVELOPED BY PROPER CULTURAL TREATMENT AND IS SUFFICIENT ENOUGH TO INSURE PLANT GROWTH.
- 7. TREES SHALL BE NORTHERN NURSERY GROWN (HARDINESS ZONE 5 USDA MAP). TREES SHALL HAVE BEEN TRANSPLANTED TWICE, THE LAST TRANSPLANTING NOT LESS THAN FOUR YEARS PRIOR TO PLANTING.
- 8. ALL TREES WILL BE TAGGED AND IDENTIFIED AS TO SPECIES, SIZE, AND PLACE OF ORIGIN. TAGS WILL REMAIN IN PLACE UNTIL INSPECTION AND APPROVAL BY THE LANDSCAPE ARCHITECT AT THE NURSERY AND AT THE FINAL PLANTING SITE.
- 9. ALL TREES WILL BE BALLED AND BURLAPPED, HAVE STRAIGHT TRUNKS AND GOOD BRANCHING. BRANCHES SHALL BEGIN FROM FIVE TO SIX FEET ABOVE THE GROUND LEVEL AND SHALL BE HIGH QUALITY REPRESENTATIVES OF THEIR SPECIES IN ALL REGARDS, INCLUDING GENERAL SHAPE.
- 10. ALL DIGGING OF TREES IN THE NURSERY AND ALL PLANTING WILL BE DONE DURING THE PROPER SEASON.
- 11. ALL TREES SHALL BE MAINTAINED UNTIL ESTABLISHED. ALL TREES NOT IN A VIGOROUS GROWING CONDITION AFTER ONE GROWING SEASON SHALL BE REPLACED AT THE BEGINNING OF THE NEXT SUCCEEDING PLANTING SEASON.
- 12. ALL TREES SHALL BE WRAPPED WITHIN SEVENTY TWO HOURS AFTER PLANTING. TRUNKS OF THE TREES SHALL BE WRAPPED SPIRALLY FROM TOP TO BOTTOM WITH WATERPROOF CREPE PAPER AND SHALL BE SECURELY TIED WITH HEMP CORD AT TOP AND BOTTOM AND AT TWELVE- INCH INTERVALS ALONG THE TRUNK. THE WRAP SHALL COVER THE TRUNK FROM THE GROUND TO THE FIRST BRANCH AND SHALL BE NEAT AND SNUG.

PAVING NOTES

- 1. GENERAL
 - A. PAVING WORK INCLUDES FINAL SUBGRADE SHAPING, PREPARATION AND COMPACTION; FORMING OF SUB-BASE OR BASE COURSE MATERIALS, BITUMINOUS BINDER AND/OR SURFACE COURSES; PLACEMENT, FINISHING AND CURING CONCRETE PAVEMENT, CURBS AND WALKS; AND FINAL CLEAN-UP AND ALL RELATED WORK.
 - B. COMPACTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SSRBC).
 - C. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND THE SAFE MANAGEMENT OF TRAFFIC WITHIN THE AREA OF CONSTRUCTION.
 - D. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL EXCAVATED MATERIAL, INCLUDING PAVEMENT, CONCRETE, ETC. FROM THE SITE.
 - E. HOT-MIX ASPHALT AND PORTLAND CEMENT CONCRETE SHALL BE PLACED IN ACCORDANCE WITH THE SSRBC, CITY OF ST. CHARLES POLICIES, AND THE DETAILS CONTAINED IN THE PLANS.

- 2. SAW-CUTTING
 - A. THE COST OF SAW-CUTTING FOR ITEMS TO BE REMOVED SHALL BE CONSIDERED AS INCIDENTAL TO THE COST OF THE ITEM BEING REMOVED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 3. SUB-GRADE PREPARATION
 - A. EARTHWORK FOR PROPOSED PAVEMENT SUBGRADE SHALL BE FINISHED TO 0.1 FOOT OF PLAN SUBGRADE ELEVATION. THE CONTRACTOR SHALL SATISFY HIMSELF THAT THE SUBGRADE HAS BEEN PROPERLY PREPARED AND THAT THE FINISH TOP SUBGRADE ELEVATION HAS BEEN GRADED WITHIN TOLERANCES ALLOWED IN THESE SPECIFICATIONS. UNLESS THE CONTRACTOR ADVISES THE OWNER AND ENGINEER IN WRITING PRIOR TO FINE GRADING FOR BASE COURSE CONSTRUCTION, IT IS UNDERSTOOD THAT HE HAS APPROVED AND ACCEPTS THE RESPONSIBILITY FOR THE SUBGRADE.
 - B. PRIOR TO THE PLACEMENT OF THE BASE COURSE, THE ENTIRE PAVED AREA MAY BE PROOF ROLLED AND INSPECTED FOR UNSUITABLE MATERIALS AND/OR EXCESSIVE MOVEMENT AT THE REQUEST OF THE CITY. IF UNSUITABLE SUBGRADE IS ENCOUNTERED, IT SHALL BE CORRECTED IN A MANNER APPROVED BY THE CITY OR ITS REPRESENTATIVE. THE PAVED AREA MUST AGAIN BE PROOTROLLED AND THE PROCESS REPEATED UNTIL THE SUBGRADE IS SATISFACTORY TO THE CITY OR ITS REPRESENTATIVE. THE SAME PROCEDURE MAY BE REQUIRED FOR THE BASE COURSE PRIOR TO PLACEMENT OF THE ASPHALT OR CONCRETE SURFACE COURSE.
- 4. HOT-MIX ASPHALT SURFACE COURSE
 - A. THIS WORK SHALL CONSIST OF CONSTRUCTING A HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 AS SHOWN ON THE PLANS. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 406 OF THE STANDARD SPECIFICATIONS. BITUMINOUS MIXTURES SHALL BE PLACED ONLY WHEN THE TEMPERATURE OF THE AIR IN THE SHADE IS ABOVE 45 DEGREES F. NO WORK SHALL BE STARTED IF LOCAL CONDITIONS INDICATE THAT RAIN IS IMMINENT.
 - B. THE EDGES OF ALL EXISTING BITUMINOUS CONCRETE PAVEMENT AT THE PROJECT LIMITS SHALL BE SAW-CUT FULL DEPTH TO PROVIDE A CLEAN EDGE PRIOR TO THE PLACEMENT OF THE HOT-MIX ASPHALT BINDER AND SURFACE COURSE. THE COST OF SAW-CUTTING SHALL BE INCIDENTAL TO THE CONTRACT.
 - C. ALL SURFACES SHALL BE CLEANED OF DIRT, DEBRIS, AND LOOSE MATERIAL PRIOR TO PLACING ANY BITUMINOUS MATERIAL OR BITUMINOUS MIXTURE. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THIS ITEM OF WORK.
- 5. CONCRETE CURB
 - A. THIS WORK SHALL BE IN CONFORMANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS INSOFAR AS APPLICABLE AND THE FOLLOWING PROVISIONS.
 - B. THIS WORK SHALL INCLUDE CONSTRUCTION CONCRETE CURB IN CONFORMANCE WITH THE DETAILS SHOWN IN THE PLANS.
 - C. THIS WORK SHALL INCLUDE CONSTRUCTING DEPRESSED CURBS WHERE SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE DETAILS IN THE PLANS.
 - D. CONTRACTION AND EXPANSION JOINTS SHALL BE INSTALLED IN THE PROPOSED CURB AND GUTTER IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:
 - 1. EXPANSION JOINTS- AT THE P.C. AND P.T. OF ALL CURB RETURNS AND ISLAND NOSES, AT RIGHT ANGLE BENDS, AND AT APPROXIMATE 50-FOOT (80' MAXIMUM) INTERVALS.
 - 2. EXPANSION JOINT FILLER MATERIAL IN THE CURB AND GUTTER SHALL BE 1/2" THICK AND BE OF BITUMINOUS PREFORMED FIBER JOINT FILLER CONFORMING TO THE REQUIREMENTS OF AASHTO SPECIFICATION M-213.
 - 3. CONTRACTION JOINTS- AT EVEN INTERVALS APPROXIMATING 15 FEET BETWEEN EXPANSION JOINTS.
 - 4. CONTRACTION JOINTS SHALL BE SAWED TO A MINIMUM DEPTH OF 2" ON ALL EXPOSED FACES OF THE CURB SECTION.
 - 5. ALL CONTRACTION JOINTS SHALL BE SEALED IN ACCORDANCE WITH SECTION 420.12 OF THE STANDARD SPECIFICATIONS.
 - 6. A KEYWAY SHALL BE PROVIDED IN THE CURB AND GUTTER WHERE ADJACENT TO PROPOSED PCC SIDEWALK AS SHOWN IN THE DETAIL IN THE PLANS.
 - 7. THE WORK RELATED TO THE CONSTRUCTION OF THE KEYWAY AND CONTRACTION AND EXPANSION JOINTS WILL NOT BE PAID FOR SEPARATELY.
 - E. PROTECTIVE COAT WILL BE REQUIRED IN ACCORDANCE WITH ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS AND SHALL BE INCLUDED IN THIS ITEM OF WORK.
 - F. THE CRUSHED STONE BASE AS SHOWN ON THE CURB AND GUTTER DETAIL IN THE PLANS SHALL BE IDOT GRADATION CA-6 CRUSHED LIMESTONE (MINIMUM IBR-80).
 - G. ALL REQUIRED EXCAVATION FOR CURB AND GUTTER CONSTRUCTION SHALL BE CONSIDERED AS INCIDENTAL TO THIS ITEM.
- 6. PCC SIDEWALK, 5'
 - A. THIS WORK SHALL BE IN CONFORMANCE WITH SECTION 424 OF THE STANDARD SPECIFICATIONS INSOFAR AS APPLICABLE, THE DETAILS IN THE PLANS, AND THE FOLLOWING PROVISIONS.
 - B. THE SUB-BASE GRANULAR MATERIAL, TYPE B AS SHOWN ON THE SIDEWALK DETAIL IN THE PLANS SHALL BE IDOT GRADATION CA-6 CURSHED LIMESTONE (MINIMUM IBR-80).
 - C. SIDEWALK DEPRESSIONS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS IN THE PLANS AT THE LOCATIONS SHOWN ON THE PLANS.
 - D. EXPANSION JOINT MATERIAL SHALL BE PLACED BETWEEN THE SIDEWALK AND HARD SURFACES AND AT APPROXIMATE 50-FOOT INTERVALS OR AS OTHERWISE DIRECTED. THE EXPANSION JOINT MATERIAL SHALL BE FULL-DEPTH 1/2" AND BE OF BITUMINOUS PREFORMED FIBER JOINT FILLER CONFORMING TO THE REQUIREMENTS OF AASHTO SPECIFICATION M-213. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED.
 - E. CONTRACTION JOINTS SHALL BE SET AT FOUR (4) FOOT CENTERS OR AS DIRECTED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED.
 - F. A KEYWAY SHALL BE PROVIDED IN THE SIDEWALK WHERE ADJACENT TO PROPOSED CURB AND GUTTER AS SHOWN IN THE DETAIL IN THE PLANS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED.
 - G. PROTECTIVE COAT WILL BE REQUIRED IN ACCORDANCE WITH ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS AND SHALL BE INCLUDED IN THIS ITEM OF WORK.
 - H. THIS ITEM OF WORK SHALL INCLUDE ALL REQUIRED EARTH EXCAVATION TO PROPOSED SUBGRADE ELEVATION FOR THE PROPOSED SIDEWALK AND DISPOSAL OFF-SITE OF ALL EXCESS EXCAVATED MATERIAL.

MATERIAL LIST

BRICK: THE PROPOSED BRICK PAVERS SHALL MATCH THE EXISTING BRICK CROSSWALK PAVERS AND SHALL BE LAID IN THE SAME HERRINGBONE PATTERN AS THE EXISTING BRICK SIDEWALK PAVERS. INFORMATION AVAILABLE FROM THE CITY OF ST. CHARLES INDICATES THAT THE EXISTING BRICK PAVERS ARE 'OLD TAVERN' BY PINEHALL BRICK, WINSTON SALEM, N.C.) FOR THE HERRINGBONE PAVEMENT AND 'OLD SOUTH' (BY PINEHALL BRICK, WINSTON SALEM, N.C.) FOR THE BORDER - ALL 4"x8"x2-1/4" SIZE. HOWEVER, THE CONTRACTOR SHALL PROVIDE A SAMPLE OF EACH REFERENCED PINEHALL BRICK TYPE TO THE CITY FOR REVIEW AND APPROVAL PRIOR TO ORDERING THE SIDEWALK BRICK TO ENSURE THAT THEY MATCH THE EXISTING CROSSWALK BRICK.

TREE GRATES: NEENAH FOUNDRY, ONE-HALF #R-8707 AND THE SEMI-CIRCULAR PORTION #R-8870. SEE DETAIL.

HANDRAILS: STEEL PIPE HANDRAIL- SEE DETAIL.

CLIENT: CITY OF ST. CHARLES 2 EAST MAIN STREET ST. CHARLES, IL 60174 630-377-4400		TITLE: FIRST STREET STREETSCAPE		GENERAL NOTES AND SPECIFICATIONS	
DSGN	G/C	DWN.	EAM	CITY COMMENTS	SCALE: 'MA
		CHKD.	GJC	CITY COMMENTS	SCALE: 'MA
				CITY COMMENTS	NATURE OF REVISION
				NO. DATE	

WBK ENGINEERING, LLC
146 West Lakeshore Street, 201
St. Charles, Illinois 60174
(630) 443-7755

PROJECT NO. 150209
DATE : 02/05/2016
DRAWING NO. **GN2**
SHEET:

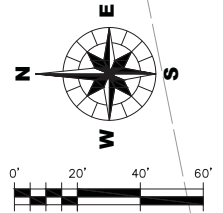
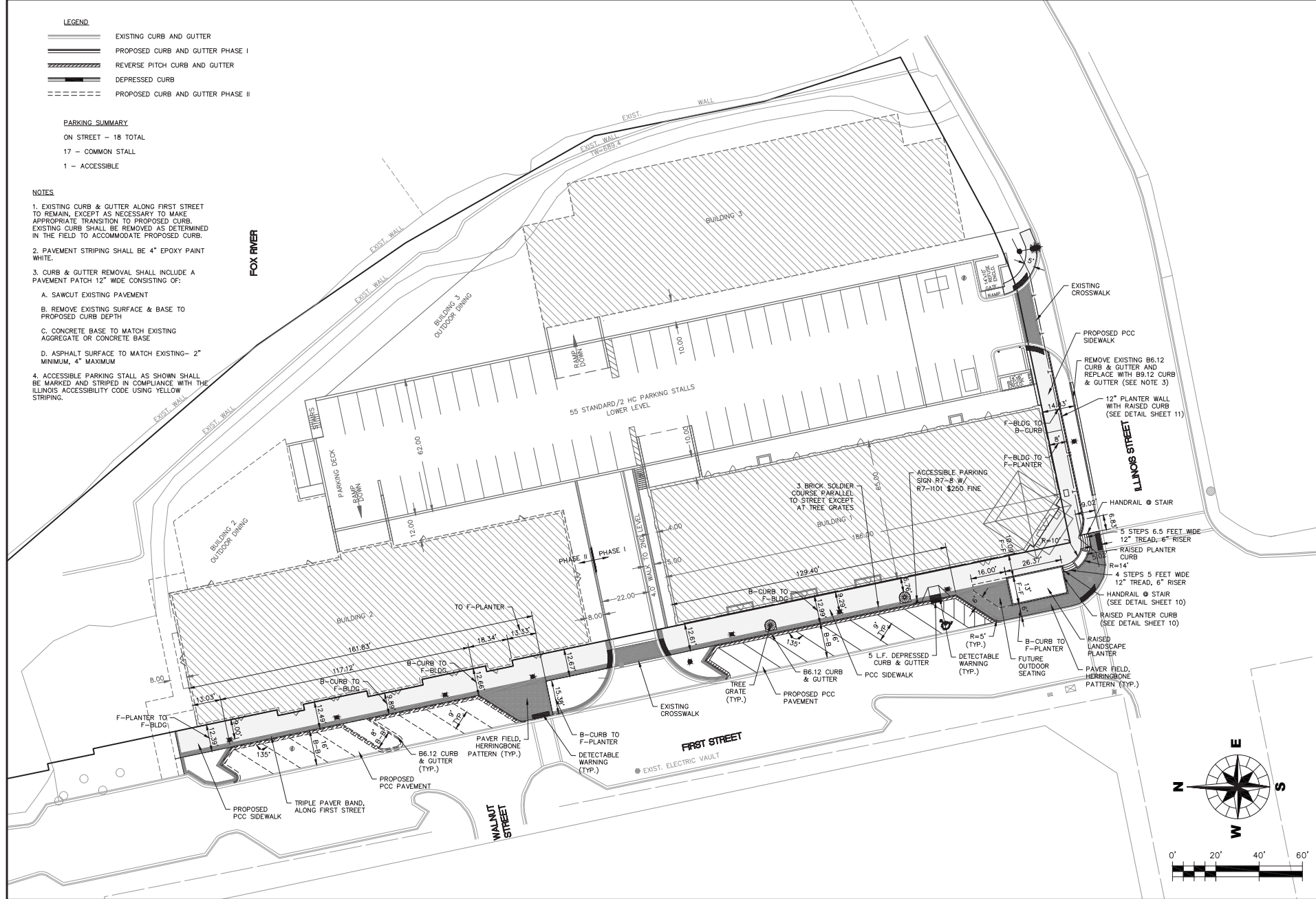
3 OF 12

LEGEND

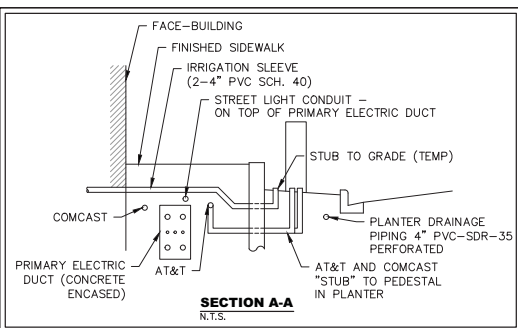
	EXISTING CURB AND GUTTER
	PROPOSED CURB AND GUTTER PHASE I
	REVERSE PITCH CURB AND GUTTER
	DEPRESSED CURB
	PROPOSED CURB AND GUTTER PHASE II

PARKING SUMMARY
 ON STREET - 18 TOTAL
 17 - COMMON STALL
 1 - ACCESSIBLE

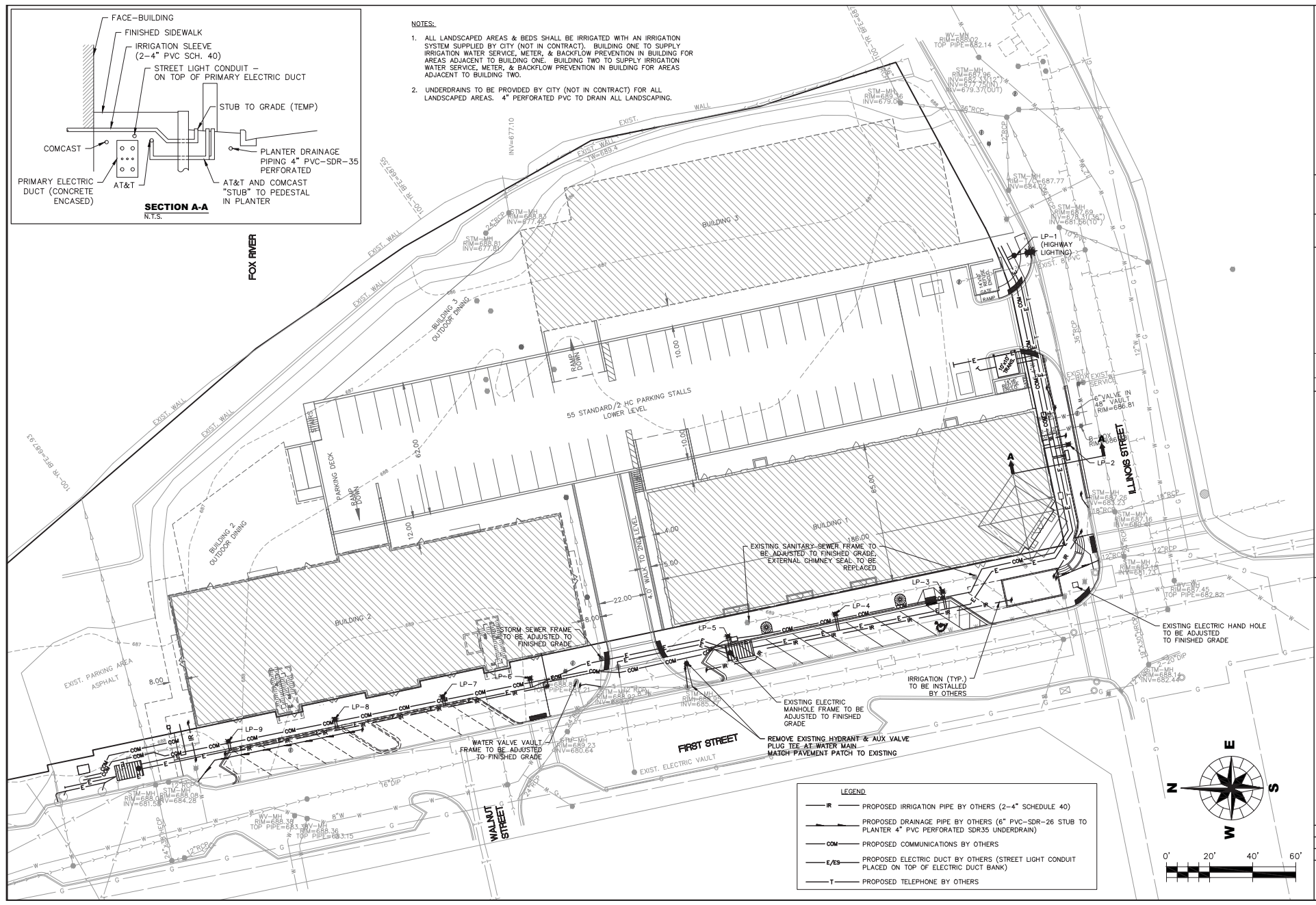
- NOTES**
- EXISTING CURB & GUTTER ALONG FIRST STREET TO REMAIN, EXCEPT AS NECESSARY TO MAKE APPROPRIATE TRANSITION TO PROPOSED CURB. EXISTING CURB SHALL BE REMOVED AS DETERMINED IN THE FIELD TO ACCOMMODATE PROPOSED CURB.
 - PAVEMENT STRIPING SHALL BE 4" EPOXY PAINT WHITE.
 - CURB & GUTTER REMOVAL SHALL INCLUDE A PAVEMENT PATCH 12" WIDE CONSISTING OF:
 - SAWCUT EXISTING PAVEMENT
 - REMOVE EXISTING SURFACE & BASE TO PROPOSED CURB DEPTH
 - CONCRETE BASE TO MATCH EXISTING AGGREGATE OR CONCRETE BASE
 - ASPHALT SURFACE TO MATCH EXISTING- 2" MINIMUM, 4" MAXIMUM
 - ACCESSIBLE PARKING STALL AS SHOWN SHALL BE MARKED AND STRIPED IN COMPLIANCE WITH THE ILLINOIS ACCESSIBILITY CODE USING YELLOW STRIPING.



CLIENT:		CITY OF ST. CHARLES		TITLE:	
WBK ENGINEERING, LLC		2 EAST MAIN STREET		STREETScape	
145 West Main Street, Suite 201		ST. CHARLES, IL 60174		GEOMETRIC PLAN	
(630) 443-7755				GM150209.DWG	
PROJECT NO. 150209	DATE: 02/05/2016	DSGN:	GJC	EAM	OJC
DRAWING NO. GM1	SHEET:	DWN:	OJC	CHKD:	OJC
4 OF 12		CITY COMMENTS	1 03/10/16	ISSUED FOR PRICING	SCALE: 1" = 20'
		CITY COMMENTS	2 02/05/16	CITY COMMENTS	NATURE OF REVISION
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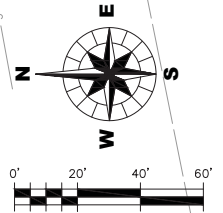


- NOTES:
1. ALL LANDSCAPED AREAS & BEDS SHALL BE IRRIGATED WITH AN IRRIGATION SYSTEM SUPPLIED BY CITY (NOT IN CONTRACT). BUILDING ONE TO SUPPLY IRRIGATION WATER SERVICE, METER, & BACKFLOW PREVENTION IN BUILDING FOR AREAS ADJACENT TO BUILDING ONE. BUILDING TWO TO SUPPLY IRRIGATION WATER SERVICE, METER, & BACKFLOW PREVENTION IN BUILDING FOR AREAS ADJACENT TO BUILDING TWO.
 2. UNDERDRAINS TO BE PROVIDED BY CITY (NOT IN CONTRACT) FOR ALL LANDSCAPED AREAS. 4" PERFORATED PVC TO DRAIN ALL LANDSCAPING.



LEGEND

— IR	PROPOSED IRRIGATION PIPE BY OTHERS (2-4" SCHEDULE 40)
—	PROPOSED DRAINAGE PIPE BY OTHERS (6" PVC-SDR-26 STUB TO PLANTER 4" PVC PERFORATED SDR35 UNDERDRAIN)
— COM	PROPOSED COMMUNICATIONS BY OTHERS
— E/ES	PROPOSED ELECTRIC DUCT BY OTHERS (STREET LIGHT CONDUIT PLACED ON TOP OF ELECTRIC DUCT BANK)
— T	PROPOSED TELEPHONE BY OTHERS



TITLE:		FIRST STREET STREETSCAPE	
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DWN:	CHKD:	SCALE:	1" = 20'
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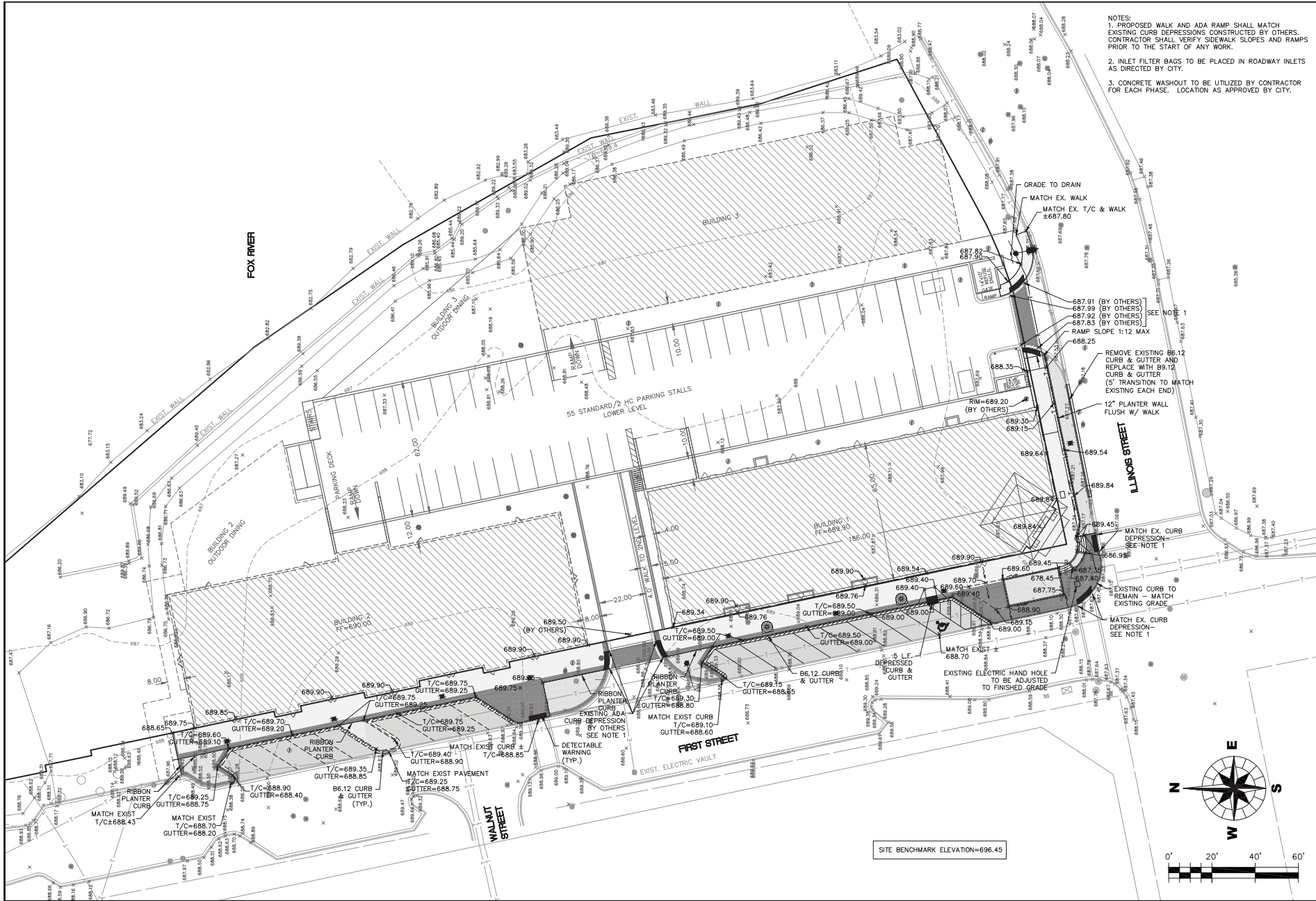
CITY OF ST. CHARLES
2 EAST MAIN STREET
ST. CHARLES, IL 60174
630-377-4400

CLIENT:
WBK ENGINEERING, LLC
150 West Main Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7755

PROJECT NO. 150209
DATE: 02/05/2016
DRAWING NO. **UT1**
SHEET:

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UPDATES: 11/21/24, 11/22/24, 11/23/24, 11/24/24, 11/25/24, 11/26/24, 11/27/24, 11/28/24, 11/29/24, 11/30/24, 12/01/24, 12/02/24, 12/03/24, 12/04/24, 12/05/24, 12/06/24, 12/07/24, 12/08/24, 12/09/24, 12/10/24, 12/11/24, 12/12/24, 12/13/24, 12/14/24, 12/15/24, 12/16/24, 12/17/24, 12/18/24, 12/19/24, 12/20/24, 12/21/24, 12/22/24, 12/23/24, 12/24/24, 12/25/24, 12/26/24, 12/27/24, 12/28/24, 12/29/24, 12/30/24, 12/31/24



- NOTES:
1. PROPOSED WALK AND ADA RAMP SHALL MATCH EXISTING CURB DEPRESSIONS CONSTRUCTED BY OTHERS. CONTRACTOR SHALL VERIFY SIDEWALK SLOPES AND RAMPS PRIOR TO THE START OF ANY WORK.
 2. INLET FILTER BAGS TO BE PLACED IN ROADWAY INLETS AS DIRECTED BY CITY.
 3. CONCRETE WASHOUT TO BE UTILIZED BY CONTRACTOR FOR EACH PHASE. LOCATION AS APPROVED BY CITY.

CITY OF ST. CHARLES 2 EAST MAIN STREET ST. CHARLES, IL 60174 630-377-4400		CLIENT:
WBK ENGINEERING, LLC 1100 N. Main Street, Suite 201 St. Charles, IL 60174 (630) 443-7755		PROJECT NO. 150209
		DATE: 02/05/2016
		DRAWING NO. GR1
		SHEET:
		6 OF 12
FIRST STREET STREETSCAPE		TITLE:
GRADING PAVING AND		DISN. G/C
SECS PAVING AND		DWN. EAM
		CHKD. G/C
		SCALE: 1" = 20'
		CITY COMMENTS
		DATE
		CITY REVIEW
		DATE
		CITY REVIEW
		NO. DATE
		NATURE OF REVISION
		GR150209.DWG

SHADE & ORNAMENTAL TREES

Symbol	Code	Scientific Name	Common Name	Size	Quantity
+	BN	Betula nigra 'Heritage'	Heritage River Birch	8' height multi	2
○	CO	Celtis occidentalis	Common Hackberry	2.5" caliper	1
○	GB	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo	2.5" caliper	2
○	GT	Gleditsia triacanthos var. inermis	Thornless Honeylocust	2.5" caliper	2
○	UM	Ulmus 'Mortoni'	Accolade Elm	2.5" caliper	2

DECIDUOUS & EVERGREEN SHRUBS

Symbol	Code	Scientific Name	Common Name	Size	Quantity
○	HAA	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangeas	24" height	3
○	RGL	Rhus aromatica 'Grow Low'	Grow Low Sumac	24" height	31
○	RFC	Rosa 'Flower Carpet Coral'	Flower Carpet Coral Rose	#3	13
○	SMP	Syringa meyeri 'Palbin'	Palbin Dwarf Korean Lilac	24" height	4
○	TMD	Taxus x media 'Densiflormis'	Dense Intermediate Yew	36" height	5

PERENNIALS & BULBS

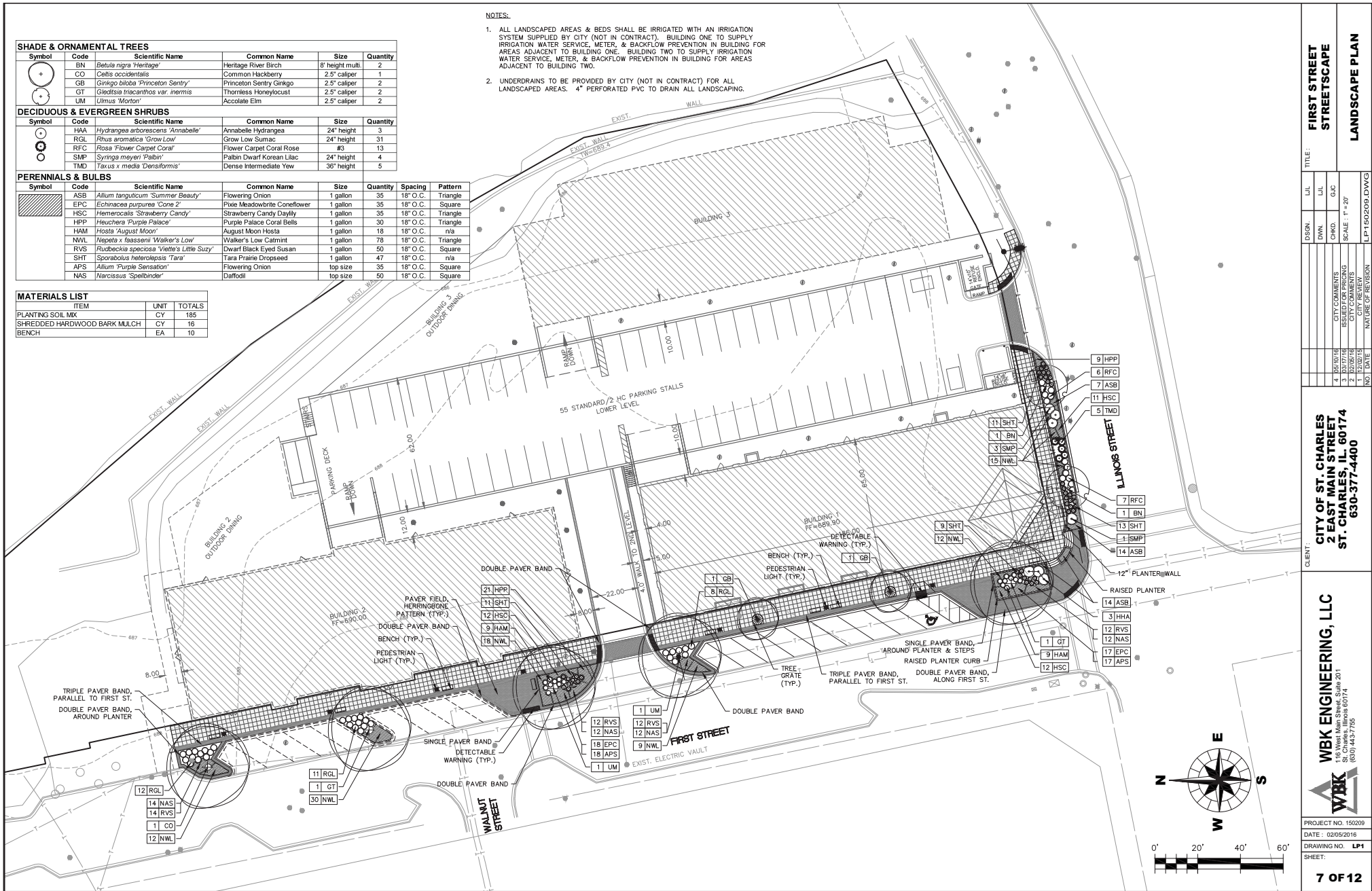
Symbol	Code	Scientific Name	Common Name	Size	Quantity	Spacing	Pattern
▨	ASB	Allium tangulicum 'Summer Beauty'	Flowering Onion	1 gallon	35	18" O.C.	Triangle
▨	EPC	Echinacea purpurea 'Cone 2'	Pixie Meadowbrite Coneflower	1 gallon	35	18" O.C.	Square
▨	HSC	Hemerocallis 'Strawberry Candy'	Strawberry Candy Daylily	1 gallon	35	18" O.C.	Triangle
▨	HPP	Heuchera 'Purple Palace'	Purple Palace Coral Belts	1 gallon	30	18" O.C.	Triangle
▨	HAM	Hosta 'August Moon'	August Moon Hosta	1 gallon	18	18" O.C.	n/a
▨	NWL	Nepeta x faassensis 'Walker's Low'	Walker's Low Catmint	1 gallon	78	18" O.C.	Triangle
▨	RVS	Rudbeckia speciosa 'Vieira's Little Suzy'	Dwarf Black Eyed Susan	1 gallon	50	18" O.C.	Square
▨	SHT	Sporobolus heterolepis 'Tara'	Tara Prairie Dropseed	1 gallon	47	18" O.C.	n/a
▨	APS	Allium 'Purple Sensation'	Flowering Onion	top size	35	18" O.C.	Square
▨	NAS	Narcissus 'Spellbinder'	Daffodil	top size	50	18" O.C.	Square

MATERIALS LIST

ITEM	UNIT	TOTALS
PLANTING SOIL MIX	CY	185
SHREDDED HARDWOOD BARK MULCH	CY	16
BENCH	EA	10

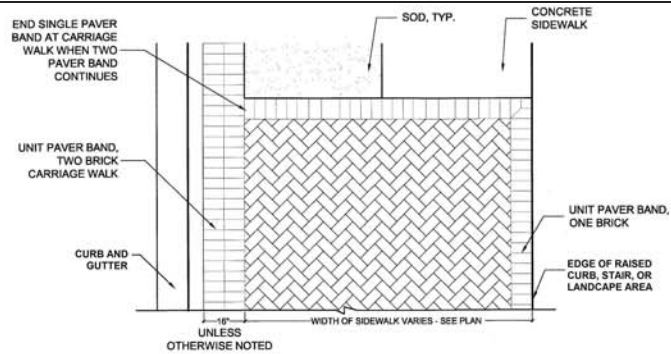
NOTES:

- ALL LANDSCAPED AREAS & BEDS SHALL BE IRRIGATED WITH AN IRRIGATION SYSTEM SUPPLIED BY CITY (NOT IN CONTRACT). BUILDING ONE TO SUPPLY IRRIGATION WATER SERVICE, METER, & BACKFLOW PREVENTION IN BUILDING FOR AREAS ADJACENT TO BUILDING ONE. BUILDING TWO TO SUPPLY IRRIGATION WATER SERVICE, METER, & BACKFLOW PREVENTION IN BUILDING FOR AREAS ADJACENT TO BUILDING TWO.
- UNDERDRAINS TO BE PROVIDED BY CITY (NOT IN CONTRACT) FOR ALL LANDSCAPED AREAS. 4" PERFORATED PVC TO DRAIN ALL LANDSCAPING.

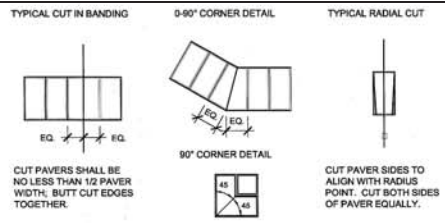


TITLE: FIRST STREET STREETScape	
LANDSCAPE PLAN	
DSGN: []	L/L: []
DWN: []	L/L: []
CITY COMMENTS	O/C
ISSUED FOR PRICING	SCALE: 1" = 20'
CITY COMMENTS	
CITY COMMENTS	
NO. DATE	NATURE OF REVISION
	LP150209.DWG

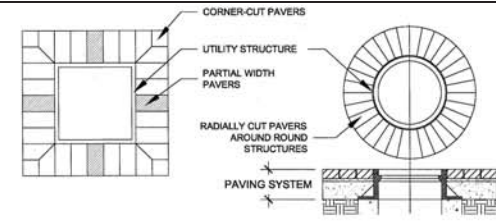
CLIENT:	CITY OF ST. CHARLES 2 EAST MAIN STREET ST. CHARLES, IL 60174 630-377-4400
PROJECT NO.	150209
DATE:	02/05/2016
DRAWING NO.	LP1
SHEET:	7 OF 12



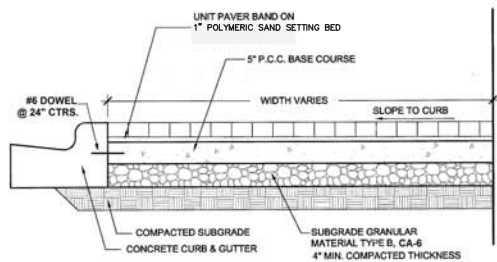
1 SIDEWALK SURFACE PATTERNING
NO SCALE



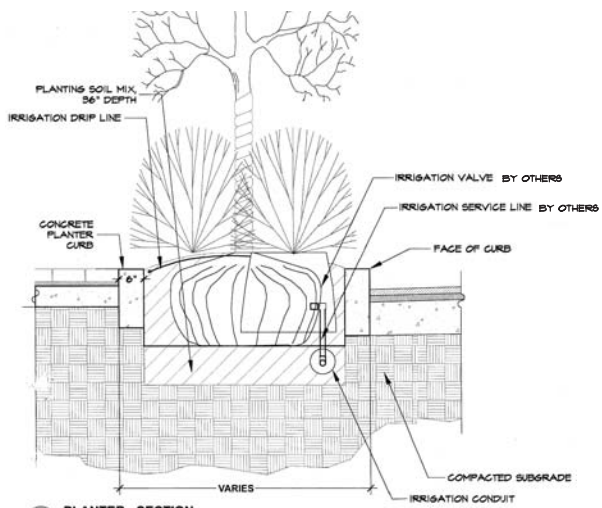
2 TYPICAL PAVER CUTS
NO SCALE



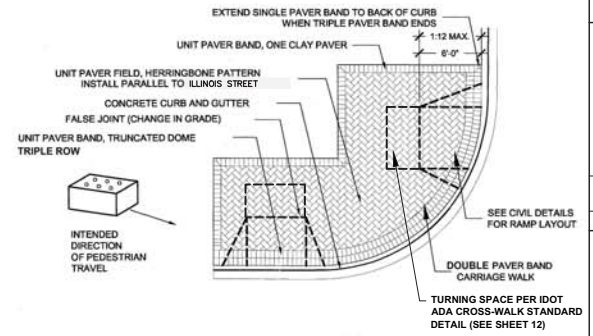
3 PAVER BORDER AROUND STRUCTURES
NO SCALE



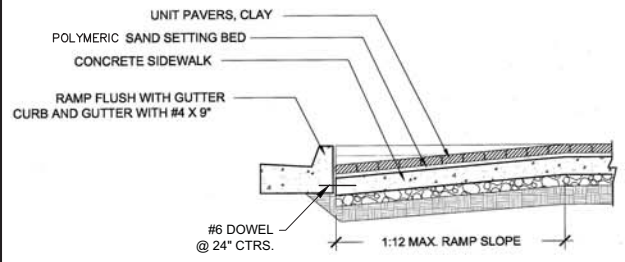
4 PAVER SIDEWALK SECTION
NO SCALE



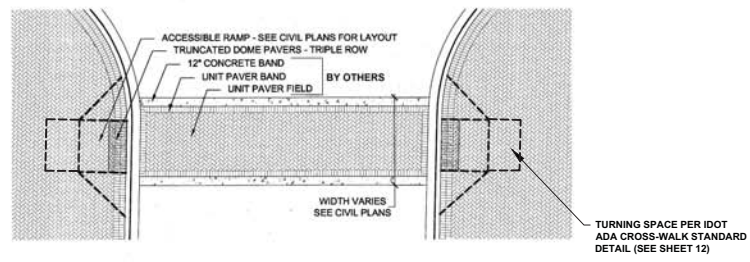
5 PLANTER - SECTION
NO SCALE



6 HANDICAP CURB RAMP - TYP. LAYOUT
NO SCALE



7 HANDICAP CURB RAMP SECTION
NO SCALE



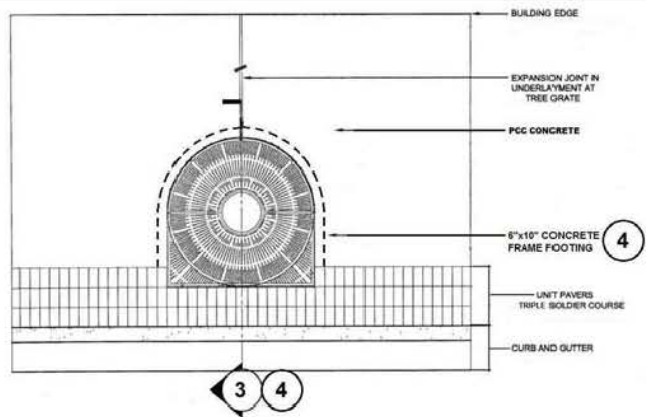
8 CROSSWALK DETAIL
NO SCALE

TITLE: FIRST STREET STREETSCAPE PAVER INSTALLATION DETAILS			
QUC	EAM	QUC	SCALE: NA
DSGN.	DWN.	CHKD.	SCALE: NA
1	1	1	DATE: 02/05/2016
2	2	2	DRAWING NO. DT1
3	3	3	SHEET:
4	4	4	
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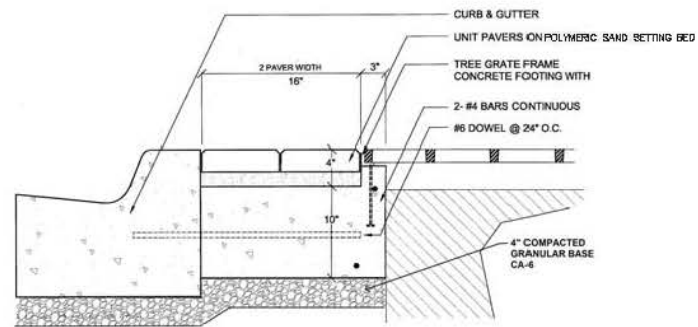
CLIENT: **CITY OF ST. CHARLES
2 EAST MAIN STREET
ST. CHARLES, IL 60174
630-377-4400**

WBK ENGINEERING, LLC
1001 North Main Street, Suite 201
St. Charles, IL 60174
(630) 443-7755

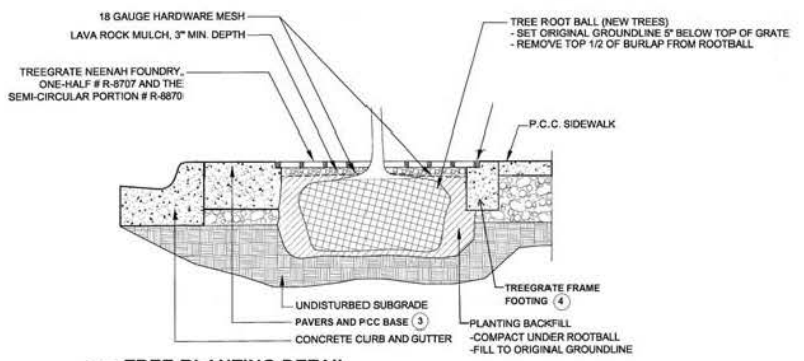
PROJECT NO. 150209
DATE: 02/05/2016
DRAWING NO. **DT1**
SHEET:



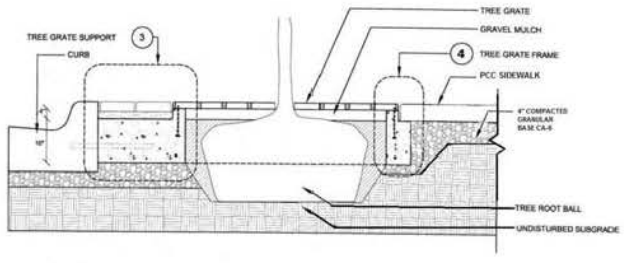
1 TREE GRATE INSTALLATION - PLAN
NO SCALE
INSTALLATION IN SIDEWALK



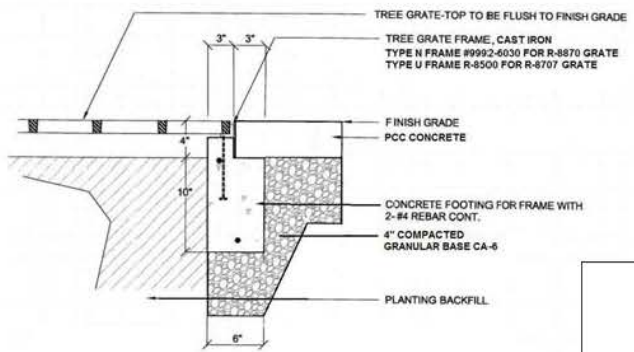
3 TREEGRATE SUPPORT AT CURB
NO SCALE
INSTALLATION IN PAVER SIDEWALK



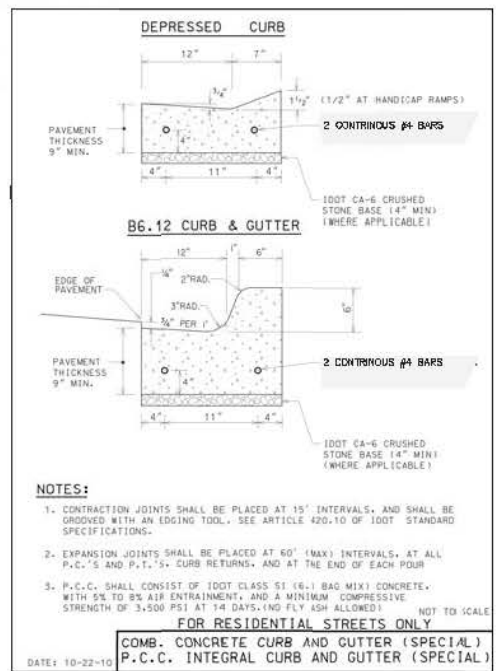
5 TREE PLANTING DETAIL
NO SCALE
INSTALLATION IN CONCRETE SIDEWALK



2 TREE GRATE INSTALLATION
NO SCALE
INSTALLATION IN SIDEWALK



4 TREEGRATE / FRAME FOOTING DETAIL
NO SCALE
INSTALLATION IN PCC SIDEWALK



NOTES:

- CONTRACTION JOINTS SHALL BE PLACED AT 15' INTERVALS, AND SHALL BE GROoved WITH AN EDGING TOOL. SEE ARTICLE 420.10 OF 100T STANDARD SPECIFICATIONS.
- EXPANSION JOINTS SHALL BE PLACED AT 60' (MAX) INTERVALS, AT ALL P.C.'S AND P.T.'S. CURB RETURNS, AND AT THE END OF EACH POUR
- P.C.C. SHALL CONSIST OF 100T CLASS S1 (6-1) BAG MIX) CONCRETE, WITH 5% TO 8% AIR ENTRAINMENT, AND A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 14 DAYS. (NO FLY ASH ALLOWED) NOT TO SCALE

FOR RESIDENTIAL STREETS ONLY

COMB. CONCRETE CURB AND GUTTER (SPECIAL)
P.C.C. INTEGRAL CURB AND GUTTER (SPECIAL)

DATE: 10-22-10

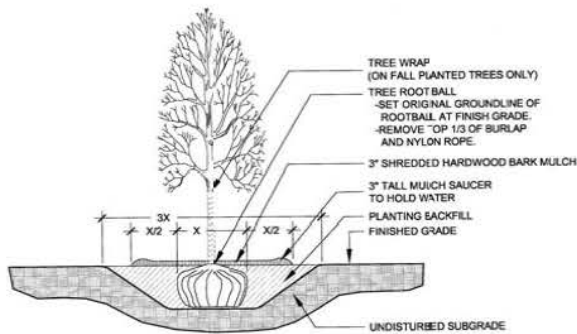
PROJECT NO. 18		DATE: 02/05/2016	
DRAWING NO. DT2		SHEET:	
9 OF 12			

DISC.	G/C	EAM	O/C
DWN.	CHD.	O/C	SCALE: 1/4"
CITY COMMENTS	ISSUED FOR BIDDING	CITY COMMENTS	NATURE OF REVISION
4 10/17/10	3 10/17/10	7 10/17/10	
NO. DATE			

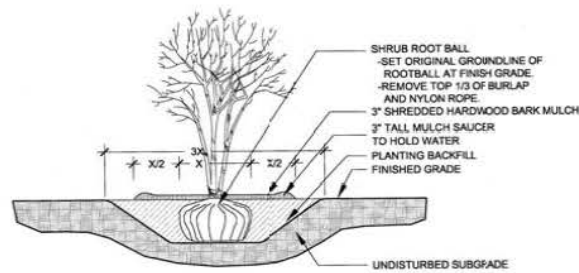
CITY OF ST. CHARLES
2 EAST MAIN STREET
ST. CHARLES, IL 60174
630-377-4400

WBK ENGINEERING, LLC
145 West Main Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7755

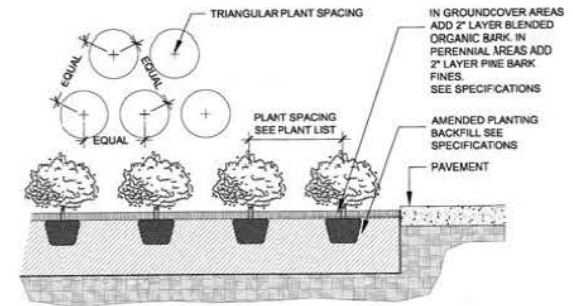
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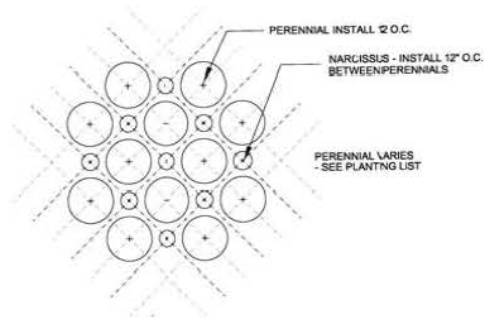
1 SHADE TREE PLANTING DETAIL
NO SCALE



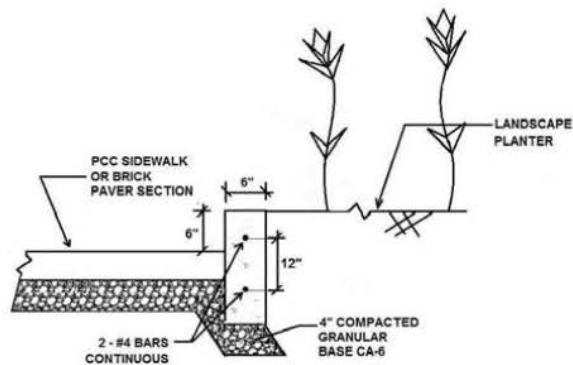
2 SHRUB PLANTING DETAIL
NO SCALE



3 GROUNDCOVER/PERENNIAL PLANTING DETAIL
NO SCALE



4 INTERPLANTING DETAIL - BULB/PERENNIAL
NO SCALE



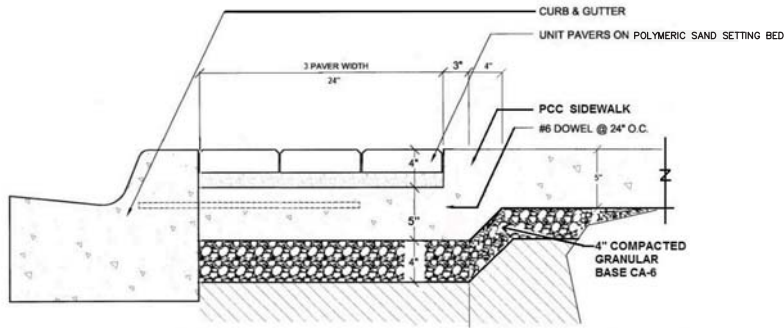
RAISED PLANTER CURB
NO SCALE



STEEL PIPE HANDRAIL FOR STAIRS

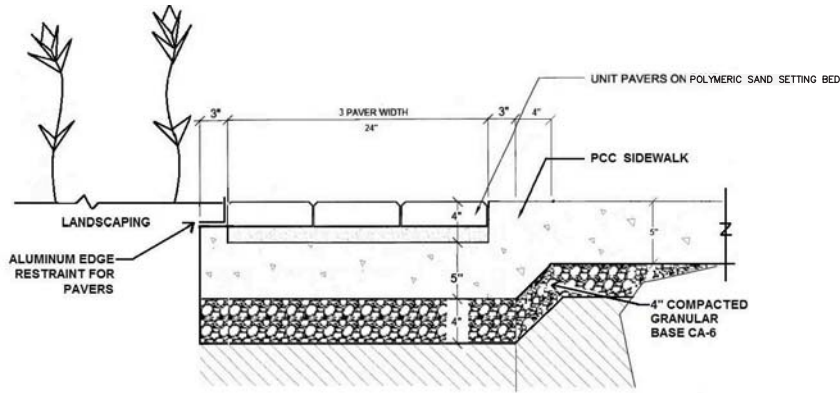
STEEL PIPE HANDRAIL SHALL MATCH THE EXISTING HANDRAIL AT THE NORTHWEST CORNER OF ILLINOIS AND FIRST STREET. HANDRAIL EXTENSIONS SHALL MEET ILLINOIS ACCESSIBILITY REQUIREMENTS. PIPE DIAMETER, COLOR, AND ENGAGEMENT TYPE/DETAIL SHALL MATCH EXISTING

TITLE: FIRST STREET STREETScape	
PLANTING DETAILS	
DATE: 02/05/2016	SCALE: NA
DRAWN: EAM	CHECKED: NA
DESIGNED: GJC	DATE: 02/05/16
PROJECT NO. 11000	DATE: 02/05/2016
DRAWING NO. DT3	SHEET: 10 OF 12
CLIENT: CITY OF ST. CHARLES 2 EAST MAIN STREET ST. CHARLES, IL 60174 630-377-4400	
PROJECT NO. 11000	
DATE: 02/05/2016	
DRAWING NO. DT3	
SHEET: 10 OF 12	
WBK ENGINEERING, LLC 118 West 11th Street, Suite 201 St. Charles, Illinois 60174 (630) 413-7755	



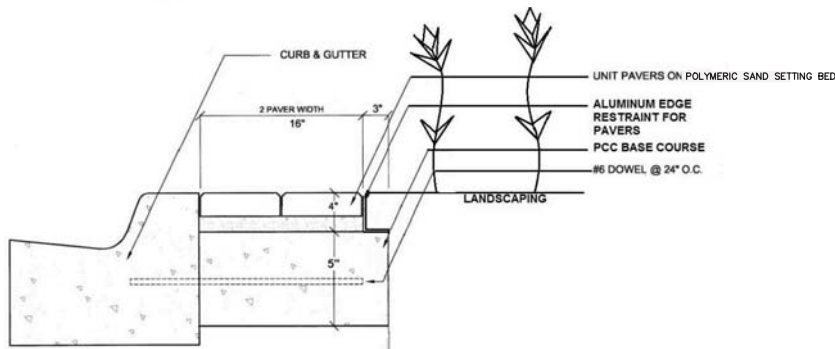
BRICK PAVER BAND AT CURB (SIDEWALK AREA)

NO SCALE



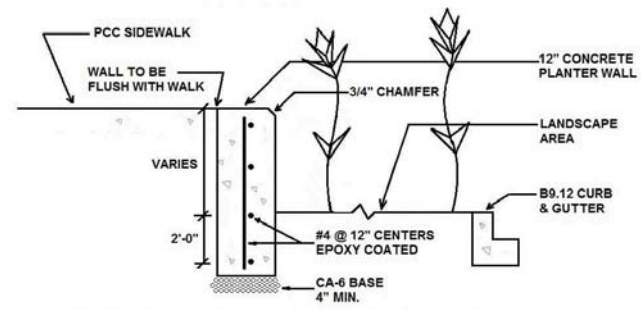
BRICK PAVER BAND AT LANDSCAPE AREA

NO SCALE



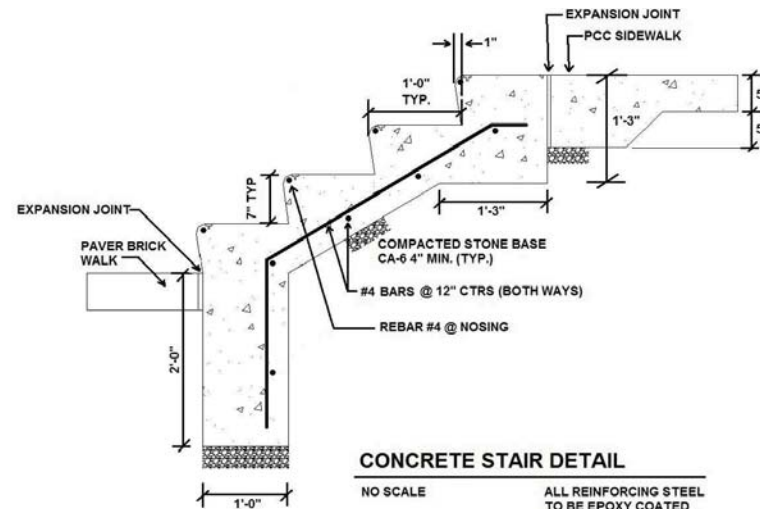
BRICK PAVER BAND AT CURB (LANDSCAPE AREA)

NO SCALE



12" CONCRETE PLANTER WALL SECTION

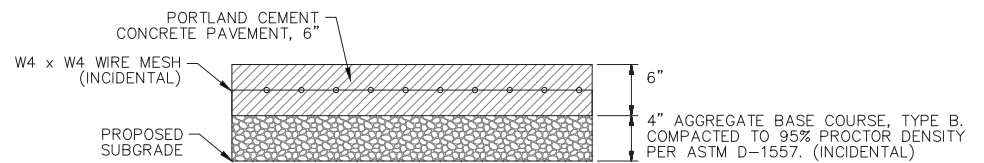
NO SCALE



CONCRETE STAIR DETAIL

NO SCALE

ALL REINFORCING STEEL TO BE EPOXY COATED WITH 1-1/2" COVER MIN.



PROPOSED PARKING AREA PAVEMENT

NOTE:

CONTRACTION JOINTS IN 6" PCC PAVEMENT SHALL BE SPACED AT 9' INTERVALS TO CORRESPOND WITH PARKING STALLS WITH ONE LONGITUDINAL JOINT. LAYOUT TO BE APPROVED BY CITY PRIOR TO SAWCUTTING.

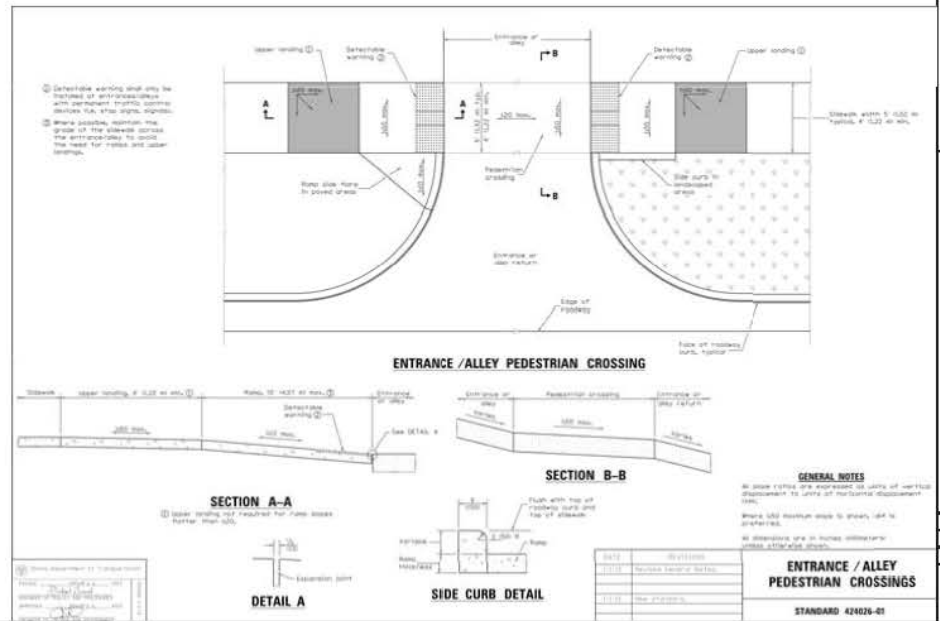
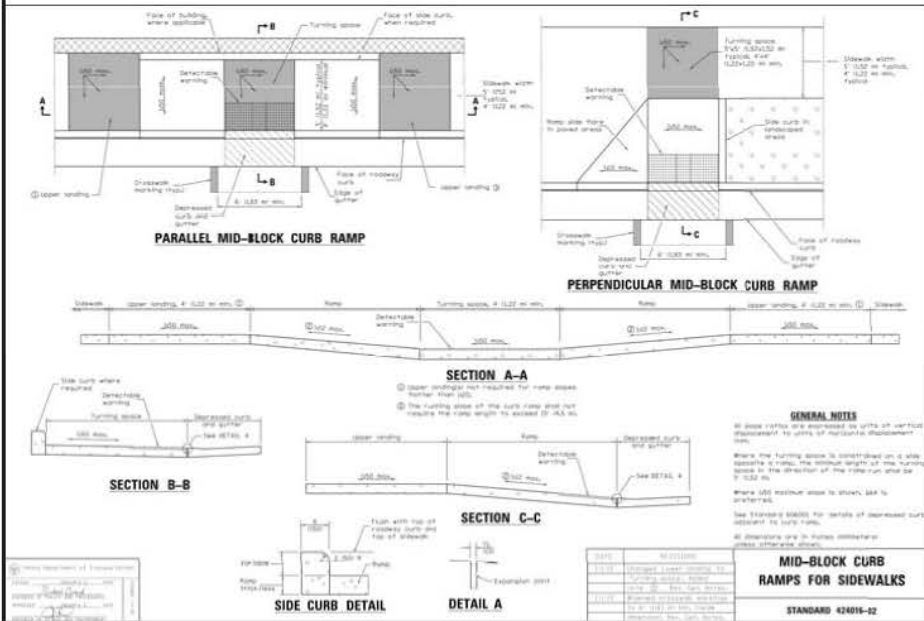
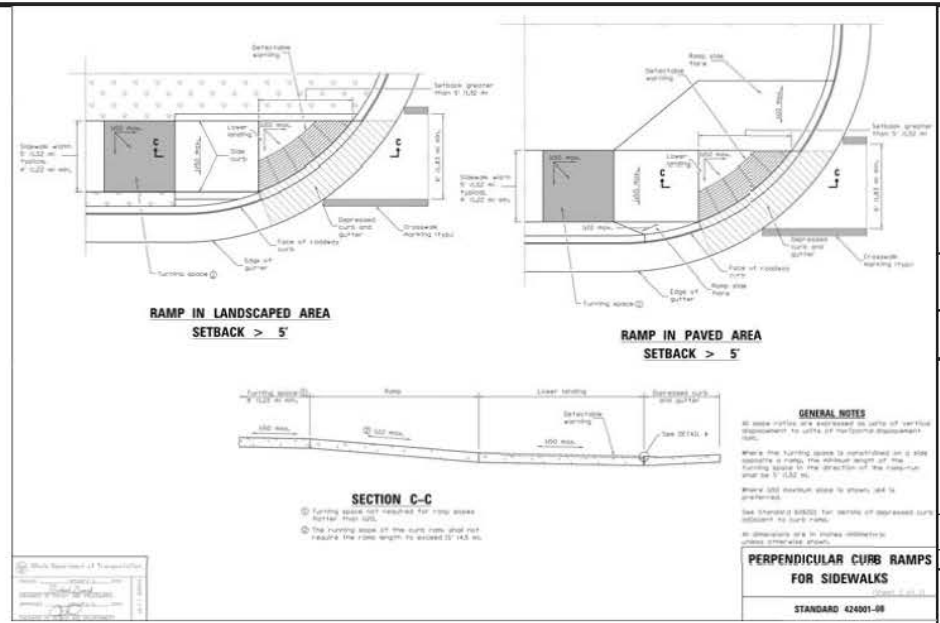
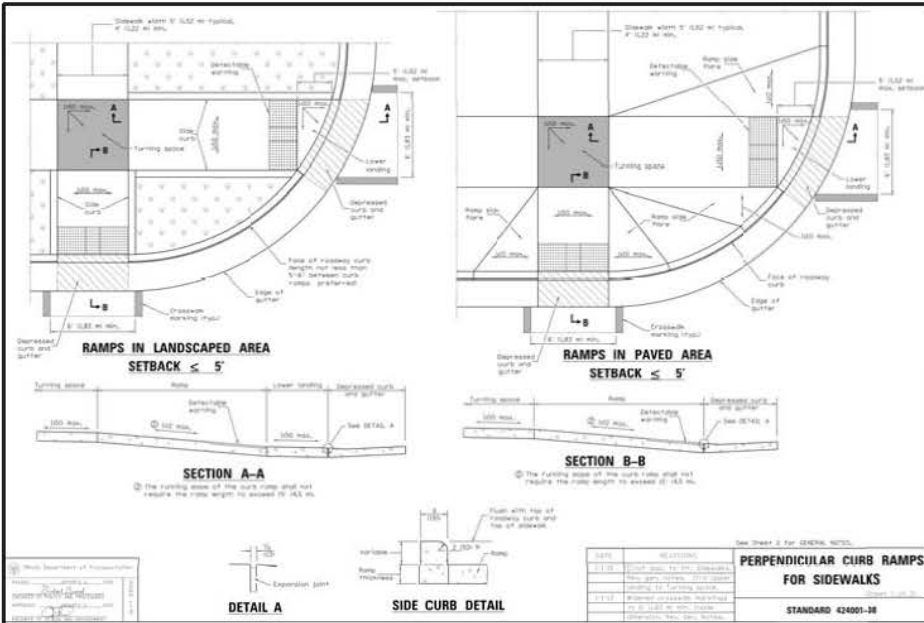
TITLE: **FIRST STREET STREETSCAPE**
INSTALLATION DETAILS

DESIGN	G.C.	EAM	G.C.
DRAWN			
CHECKED			
SCALE	1" = 8'		
CITY COMMENTS			
ISSUED FOR PRICING			
CITY COMMENTS			
NO. DATE			
NATURE OF REVISION			
DT150209.DWG			

CLIENT: **CITY OF ST. CHARLES**
2 EAST MAIN STREET
ST. CHARLES, IL 60174
630-377-4400

WBK ENGINEERING, LLC
145 West 14th Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7755

PROJECT NO. 150209
DATE: 02/05/2016
DRAWING NO. **DT4**
SHEET:



TITLE: FIRST STREET STREETSCAPE INSTALLATION DETAILS	
DCSN	GJC
DWN	BAM
CITY COMMENTS	GJC
ISSUED FOR PERICHS	SCALE: NA
CITY COMMENTS	DATE: 02/05/2016
REVISION	NO. DATE
NATURE OF REVISION	BY
NO.	DATE
CLIENT: CITY OF ST. CHARLES 2 EAST MAIN STREET ST. CHARLES, IL 60174 630-377-4400	
PROJECT NO. 1000	
DATE: 02/05/2016	
DRAWING NO. DT5	
SHEET: 12 OF 12	

WBK ENGINEERING, LLC
165 West Main Street, Suite 201
St. Charles, Illinois 60174
(830) 443-7755

WBK