	AGEND	A IT	EM EXECUTIVE SUMMARY	Agen	da Item number: IIC2	
	Motion to approve An Ordinance Granting Approval of a					
ART .	Title:	Pre	liminary Streetscape and Rive	rwalk	Plan for First Street	
ST. CHARLES		Bui	lding # 3			
S I N C E 1 8 3 4	Presenter:	Rita	Tungare			
Meeting: City Cou	ncil	Da	te: April 16, 2018			
Proposed Cost: \$36 (not to exceed)	52,500		Budgeted Amount: \$362,500 (per First Street Redev. Agrmt.)		Not Budgeted:	
<b>Executive Summa</b>	ry (if not bu	dgete	d please explain):			
First Street Streetscrevisions.  Revisions to the pla  Updated landsca  Stairs into the II  Per the Redevelopm	ans since the ape plan with linois Street ment Agreem	present additional entra	ment Committee unanimously recook improvements adjacent to Building entation to the P&D Committee incitional larger plantings.  Ince to the building (in order to prothe developer is to construct these in eveloper are finalizing the budget at	ng #3, lude: vide fl	subject to final plan  atter sidewalk slopes)  ements within the budgeted	
Attachments (plea	se list)•					
_	An Ordinand	ce Gra	anting Approval of a Preliminary S	treetsc	ape and Riverwalk Plan for	
Recommendation/		Action	n (briefly explain):			
Vote on the ordinar	ice.					

## City of St. Charles, Illinois Ordinance No. 2018-Z-6

## An Ordinance Granting Approval of a Preliminary Streetscape and Riverwalk Plan for First Street Building #3

WHEREAS, an 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 and Riverwalk Improvements shall be submitted for review and approval; and,

WHEREAS, a Preliminary Streetscape and Riverwalk Plan for Illinois Street and the Riverwalk adjacent to Building #3 has been prepared by the City of St. Charles; and,

WHEREAS, the Plan Commission reviewed and recommended approval of the Preliminary Streetscape and Riverwalk Plan on or about March 6, 2018; and,

WHEREAS, the Planning & Development Committee of the City Council recommended approval of the Preliminary Streetscape Plan on or about March 12, 2018; 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 and Riverwalk 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:
  - St. Charles Riverwalk Bldg 3 Site Improvements, prepared by WBK Engineering, LLC, dated 4/13/18
- 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.

Ordinance No. 2018-Z-6 Page 2

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 April, 2018.

PASSED by the City Council of the City of St. Charles, Kane and DuPage Counties, Illinois this 16th day of April, 2018.

APPROVED by the Mayor of the City of St. Charles, Kane and DuPage Counties, Illinois this 16th day of April, 2018.

	Raymond P. Rogina, Mayor
Attest:	
Chuck Amenta, City Clerk	
Vote:	
Ayes:	
Nays:	
Absent:	
Abstain:	
Date:	
APPROVED AS TO FORM:	
City Attorney	
City Tittoriney	
DATE:	

### EXHIBIT "A"

#### **FINAL ENGINEERING FOR**

# ST. CHARLES RIVERWALK BLDG 3 SITE IMPROVEMENTS

#### **PLAN LEGEND**

EXISTING	LINETYPES	PROPOSED
	DRAIN TILE	
	STORM SEWER	
	SANITARY SEWER	
	WATER MAIN (W/ SIZE)	
	PIPE TRENCH BACKFILL	
	GAS MAIN	
	TELEPHONE LINES	TT
—Е——Е—	ELECTRIC LINE	—E——Е—
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0	STORM MANHOLE	⊕
0	CATCH BASIN	
-	INLET	_
	SUMP STRUCTURE	90
ď	FIRE HYDRANT	■
	PRESSURE CONNECTION	
0	VALVE & VAULT, VALVE	
Þ	FLARED END SECTION	<b>▶</b>
¤	STREET LIGHT	<b>#</b>
-0-	UTILITY POLE	+
$\triangle$	CONTROL POINT	
4	SIGN	1 1
XXX.XX	SPOT ELEVATION	XXX.XX
	OVERLAND FLOW ROUTE	<b>→</b>
~ ~	DRAINAGE SLOPE	-~>
000	TREE, EVERGREEN, SHRUB & PROPOSED TREE TO REMOVE	⊗

#### PERMITS

AGENCY	DATE	PERMIT #

# 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, RBE

### ST. CHARLES, ILLINOIS

**WBK PROJECT NO. 170319** 

#### **LOCATION MAP**



# WBK nengineering

#### 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. 184.007317 EXPIRATION DATE: 04/30/2019

#### SHEET INDEX

# TITLE DESCRIPTION  1 CV1 COVER SHEET 2-3 GN1-GN2 GENERAL NOTES AND SCHEDULE OF QUANTITIES 4 EC1 EXISTING CONDITIONS AND REMOVAL PLAN 5 GM1 SITE AND GEOMETRIC PLAN 6 GR1 GRADING PLAN 7 ELECT LIGHTING AND ELECTRICAL PLAN 8 RW1 RETAINING WALL AND RAILING 9 LD1 LANDSCAPE PLAN 10-14 DT1-DT5 DETAILS			
2-3         GN1-GN2         GENERAL NOTES AND SCHEDULE OF QUANTITIES           4         EC1         EXISTING CONDITIONS AND REMOVAL PLAN           5         GM1         SITE AND GEOMETRIC PLAN           6         GR1         GRADING PLAN           7         ELEC1         LIGHTING AND ELECTRICAL PLAN           8         RW1         RETAINING WALL AND RAILING           9         LD1         LANDSCAPE PLAN	#	TITLE	DESCRIPTION
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8         RW1         RETAINING WALL AND RAILING           9         LD1         LANDSCAPE PLAN	6	GR1	GRADING PLAN
9 LD1 LANDSCAPE PLAN	7	ELEC1	LIGHTING AND ELECTRICAL PLAN
- 251 541000/421541	8	RW1	RETAINING WALL AND RAILING
10-14 DT1-DT5 DETAILS	9	LD1	LANDSCAPE PLAN
	10-14	DT1-DT5	DETAILS

#### REVISIONS

ORIGIN	NAL PLAN	DATE: 03.01.2018	
#	SHEET #	DESCRIPTION	DATE

#### CLIENT

CITY OF ST. CHARLES 2 EAST MAIN STREET ST. CHARLES, IL 60174 630.377.4400



#### **CIVIL ENGINEER**

ENGINEER
DOUGLAS P. BREUNLIN, P.E.

ILLINOIS REGISTRATION NO.: 062-086008
EXPRIATION DATE: 1/109/2019
THESE PLANS OR ANY PART THEREOF SHALL BE CONSIDERED VOID WITHOUT

#### STRUCTURAL ENGINEER

ENSINEER

JOHN S PERADOTTI, S.E.

JUHN S PERADOTTI, S.E.

LILINIOS REGISTRATION NO. 081-005671

ENPRATION DATE: 1/30/2018

THESS PLANS OR ANY PART THEREOF SHALL BE CONSIDERED WIGH WHICH THE SIGNATURE SEAL AND EXPERIMENT ON THE ENGINEER THE SIGNATURE SEAL AND EXPERIMENT ON THE ENGINEER

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#### GENERAL NOTES

- 1. REFERENCED SPECIFICATIONS AND CODES
- A. THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SSREC), AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADDOFFED ST HE ILLINOSI DEPARTMENT OF TRANSPORTATION, THE MOST CURRENT VERSION AND ALL AMENDMENTS THERETO. THE GESION MANUAL, HEADY METANDARDS, AND THE CULVERT MANUAL, ALSO PREPARED BY THE ILLINOSI DEPARTMENT OF
- B. 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.
- C. ILLINOIS DESIGN STANDARDS FOR SEWAGE WORKS.
- D. TECHNICAL POLICY STATEMENTS OF THE IEPA. DIVISION OF PUBLIC WATER SUPPLY.
- E. TECHNICAL STANDARDS FOR WATER WORKS, BY THE GREAT LAKES UPPER MISSISSIPPI RIVER BOARD OF STATE SANITARY ENGINEERS ("10 STATES STANDARDS").
- F. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- G. THE AMERICANS WITH DISABILITIES ACT, THE ILLINOIS ACCESSIBILITY CODE AND THE FAIR HOUSING ACT.
- H. THE ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL, AND IEP
- I. U.S. SOIL CONSERVATION SERVICE FIELD ENGINEERING HANDBOOK.
- J. ALL CODES AND ORDINANCES OF KANE COUNTY AND THE CITY OF ST. CHARLES.
- K. ALL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.
- L. 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.
- M. CITY OF ST. CHARLES ENGINEERING DESIGN AND INSPECTION POLICY MANUAL.
- N. IN CASE OF CONFLICT, THE MORE RESTRICTIVE PROVISION SHALL APPLY.
- 2. UTILITY LOCATIONS
- A. TO THE BEST OF OUR KNOWLEDGE, EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE PECORDS.
- BLT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPINE OR BSTABLEH THE BUSINESSEE OF ALL BUSINESS UTILITY FACILITIES AND THER PASK TO CARTONS. AND TO SAPER! SOCIETION BLT UTILITY RESPONSIBILITY RESPONSIBILE FOR HAWING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALS DEFENSIVES. FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON LOCAL WATER SEVER AND BLECKFULCH STREAM.
- C. 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
- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL LINDERGROUND OR SURFACE LITLITES.
  WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. AN UTILITY THAT IS DAMAGED DURING CONSTRUCTION.
  SHALL BE REPARED 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 APPUREAMACES.
- B. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE NATURE AND STATUS OF ALL UTILITY RELOCATION WORK PRIOR TO THE START OF CONTRACTION. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO RESURE THAT CONSTRUCTION OPERATIONS DO NOT INTERFERE WITH UTILITY FAULITIES AND RELOCATION WORK. HE SCHEDULES SHOULD REFELE TO CONSTRUCTIONS EQUIDACING WHICH COORDINATE WITH ALL UTILITY TO THE CONTRACTION OF THE CONTRACTION OF
- C. 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.
- 4. ALL CONTRACTORS ARE ADVISED TO VISIT THE SITE PRIOR TO SUBMITTING BIDS.
- 5. PRIOR TO COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR SHALL VERIEV ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE AND DISCREPANCIES WITH WHAT IS SKYNICK IN THE CORE OF CONTRACTOR OF THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION PLANS. SPECIFICATIONS ANDOR SPECIAL DETAILS. THE CONTRACTOR SHALL SECURE WRITTEN ANTERUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILURG TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HS OWN RESK AND EXPENSE. IN THE EVENT OF ANY DOWN FOR QUESTIONS ARISING WITH RESPECT TO THE TERM MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEERS 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 STRATE OF CONSTRUCTION AND
  THE CONTRACTOR'S SUPERINTENDENT SHALL BE ON-SITE AT ALL TIMES DUMING 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 SEING UNABLE TO VISIT SITE WITH RESULT IN THE CONTRACTOR SUSPENDING OPERATIONS (PERTAINIO TO TESTING) BUTLI TESTING OPERATIONS CAN BE COMPLETED. COST OF SUSPENSION OF WORK TO BE GOTHER STOCKHISTING.
- 8. THE CONTRACTOR SHALL PROVIDE FIELD ENGINEERING SERVICES TO ESTABLISH AND RECORD GRADES, LINES, AND ELEVATIONS THE CONTRACTOR SHALL PROVIDE RECORD DRAWINGS TO THE CITY OF ST. CHARLES IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL MAINTAIN VEHICULAR ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES. AT NO TIME SHALL ACCESS BE DENIED TO BUILDINGS AND ROADWAYS AT THE SITE UNLESS APPROVED BY THE CITY OF ST. CHARLES.
- 10. THE CONTRACTOR SHALL MANTAIN PERESTRIAN TRAFFIC AT ALL THES WHICH SHALL INCLIDE TRAFFIC MARKENDES, FROMMS CTS. AS DIRECTED BY THE COTY MOTE THAT HOW VIOLUSES OF PRESSTRIANS, BIKES, AND RUNKERS ARE OFTEN PRESENT ON FIRST AND ILLINOIS STREETS. THIS WORK SHALL BE INCLUDED IN THE PAY ITEM FOR TRAFFIC CONTROL AND PROTECTION.
- 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.
- 12. 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 CONTRACTOR AT HIS OWN EXPENSE AS SHOWN ON THE ENGINEERING PLANS OR AS DIRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE ASTROPHYSICATION OF THE OWNER. ANY SIGNS NOT REQUIRED TO GREENEST, SHALL BE DELIVERED TO THE RESPECTIVE OWNERS.

- 13. 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.
- 15. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHORING, AND OTHER REQUIRED PROTECTION OF ALL RADWAYS BEFORE CONSTRUCTION BEGINS, HE SHALL BE RESPONSIBLE FOR ANY DAMAGE THE THE STREET ON ROBAWAYS SEPERALS, CLIRIS AND ASSOCIATED SHOUTURES AND SHALL MAKE REPWIRES AS ASSOCIATED SHORT UNITED AND SHALL MAKE REPWIRES AS ASSOCIATED SHORT OF THE PROPERTY OF THE PROP
- 16. WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, TEMPORARY DITCHES OR GUITTERS SO HAIT THE NATURAL FLOW OF WATER IS DOSTRUCTED, IT SHALL BE REBOVED AT THE COLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF HE SHALL BE REPORTED AND THE PROPERTY OF THE PROPERTY WITH WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INDICENTAL TO THE CONTRIGICT. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INDICENTAL TO THE CONTRIGIC.
- 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.
- 18. THE PROJECT SITE IS ADJACENT TO THE FOX RIVER. 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 WARKINGS.
- 19. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION STAKING.
- 20. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB.
- 21. ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF CONSTRUCTION.
- THEMS SPECIFED FOR REMOVAL, INCL. IDING BUT NOT LIMITED TO, PAVEMENT, SIDEWALK, CURB. QURB AND GUTTER, CULVERTS, ECT. SHALL BE LEGALLY DISPOSED FOR FISH BE VITHE CONTRACTOR AT HIS OWN EXPENSE. THE CONTRACTOR SHALL IDENTIFY PROPOSED LOCATIONS FOR SUCH DISPOSAL.
- 23. 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 PRICE TO PROJECT COMMENCEMENT AT NO ADDITIONAL EXPOSE TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING MAY AND ALL PERMIT'S NECESSARY FOR THE HAULING AND DISPOSAL REQUIRED FOR CLEAN-UP AS DIRECTED BY THE CITY OR OWNER.
- 24. 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 LIMIOS, CURRENT EDITION, AND ALL SUPPLEMENTS AND REVISIONS THERETO, WITH THE "SPECIAL PROVISIONS", WITH THESE CONSTRUCTION NOTES' AND WITH THE STANDARD SPECIFICATIONS OF THE ASSENCY TANNING JURISDICTION OVER
- 25. 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 NOTEO ON THE PLANS.
- 26. A COPY OF THE PLANS SHALL BE IN THE POSSESSION OF THE CONTRACTOR ON THE PROJECT AT ALL TIMES, INCLUDING A COPY OF ALL APPROVED PERMITS. THE CONTRACTOR SHALL PROVIDE A WEATHERPROOF JOB BOARD AT THE SITE AND SHALL POST A COPY OF PERMITS ON THE JOB BOARD, COST INCIDENTAL TO THE CONTRACT.
- 27. 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.
- 28. THE CONTRACTOR SHALL VIDEO-TAPE THE EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK. A COPY SHALL BE PROVIDED TO THE CITY OF ST. CHARLES.
- 22 BEFORE FINAL APPROVAL BY THE OWNER AND THE AGENCY HAVING JURISDICTION OVER THE PROJECT, ALL WORK SHALL BE INSECTED BY THE OWNER OR HIS REPRESENTATION AND REPRESENTATION OF THE AGENCY HAVING JURISDICTION OVER THE PROJECT. THE FINAL PAYMENT WILL BE MADE AFTER ALL OF THE CONTRACTORS WORK HAS BEEN APPROVED AND CERTIFIED COMPLETE. THE CONTRACTOR SHALL GUARANTEE HIS WORK FOR A PERIOD OF OW YEAR FROM THE DATE ON THE CERTIFICATE OF COMPLETION AND SHALL BE HELD RESPONSIBLE FOR ANY SHALL PROVIDED AND SHALL SHALL PROVIDED THE OWNER OF THE CERTIFICATE OF COMPLETION AND SHALL BE HELD RESPONSIBLE FOR ANY SHALL PROVIDED AND YEAR OF THE ADDRESS OF THE SHALL PROVIDED THE CONTRACTOR SHALL PROVIDED THE
- CONTRACTOR MUST PROVIDE OWNER WITH RECORD DRAWINGS IN ACCORDANCE WITH CITY REQUIREMENTS, PRIOR TO FINAL PAYMENT BEING APPROVED.
- THE CONTRACTOR SHALL PERFORM LANDSCAPE MAINTENANCE FOR A PERIOD OF THREE YEARS FROM THE DATE ON THE CERTIFICATE OF COMPLETION.

#### INDEMNIFICATION

- A HOLD HARMLESS. THE CONTRACTOR, AS A CONDITION OF THE CONTRACT, HEREBY AGREES TO ASSUME THE ENTIRE RESPONSIBILITY AND LIBBULITY FOR, AND DEFENSE OF, AND TOPAY AND INDEMINEY ADH HOLD THE OWNER, THE ENGINEER, THE CITY, AGENTS AND EMPLOYEES HARMLESS FROM ALL CLAIMS FOR DAMAGES OR NULLY (OR DEATH RESULTION THE REPEROM). TO ANY AND ALL PERSONS, INCLUDING BEHOVERS OR AGENTS OR ANY PERSON OR FIRM WHO ENGAGES IN WORK UPON THE PROJECT, ARISING OUT OF THE CONDUCT OF THE CONTRACTOR RESING OUT OF THE PERFORMANCE OF THIS AGREEMENT OR ANY WORK RELEVANT THERETO, OR ARISING OUT OF THE PERFORMANCE OF THIS AGREEMENT OR ANY WORK RELEVANT THERETO, OR ARISING OUT OF THE PERFORMANCE OF THIS AGREEMENT OR ANY WORK RELEVANT THERETO, OR ARISING OUT OF THE PROFUSIONS OF THE OCCUPANTIONAL SAFETY AND HEALTH STANDARDS ACT (OSHA).
- B. ALL COSTS, FEES AND EXPENSES, INCLUDING, BY WAY OF EXAMPLE AND WITHOUT LIMITATION, REASONABLE ATTORNEYS FEES, COURT COSTS, COURT REPORTERS FEES, THANSCRIPT COSTS, SUBPOENS FEES AND DOCSTS, WITNESS FEES, SERVICE COSTS, AND DOCUMENT REPRODUCTION COSTS INCURRED BY THE CITY AS A RESULT OF ANY CLAMS FOR DAMAGE OR NUMBY AS ENMIRATED ABOVE SHALL BE PADB BY THE CONTRACTOR.
- C. THE CONTRACTOR(S) SHALL NAME WBK ENGINEERING LLC. AND THE CITY OF ST. CHARLES AS ADDITIONAL NAMED INSUREDS ON ALL INSURANCE POLICIES AND SHALL PROVIDE THE CITY AND WBK WITH CERTIFICATES OF INSURANCE PRIOR TO COMMERCIBENT 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
- 2. THE CONTRACTOR SHALL PREVENT SURFACE WATER AND SUBSURFACE OR RORUNDWATER FROM FLOWING INTO EXCAVATIONS, REMOVE WATER TO PREVENT SOFTERING OF FOUNDATION BOTTOMS, UNDERCUTTING FOOTHISS, AND SOIL CHANGES DETRIMENTAL TO STABILITY OF SUBGRADES AND FOUNDATIONS, PROVIDE AND MAINTAIN PLUMPS, SUMPS, SUCTION AND DISCHARGE LIMES AND OTHER DEWATERING SYSTEM COMPONENTS NECESSARY TO CONNEY WATER AWAY FROM EXCAVATIONS. CONNEY WATER REMOVED FROM EXCAVATIONS AND RAINWATER TO COLLECTION OR RUNOFF REAS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION PROVIDE AND MAINTAIN TEMPORARY DEAMAGE OTTCHES AND OTHER DIVERSIONS OUTSIDE EXCAVATION LIMITS FOR EACH STRUCTURE. THE CONTRACTOR SHALL NOT USE TERRICH EXCAVATIONS & STEMPONS A TRAINING PRAINING DITCHES.
- 3. IMMEDIATELY REPORT CONDITIONS THAT MAY CAUSE UNSOUND BEARING TO THE OWNER OR OWNER'S AGENT
- 4. UNDERGROUND WORK SHALL INCLUDE TRENCHING, INSTALLATION OF PIPE, CASTINGS, STRUCTURES, BACKFILLING OF TRENCHES AND COMPACTION AND TESTING AS SHOWN ON THE CONSTRUCTION PLANS. FITHING ACCESSORIES NECESSARY TO COMPLETE THE WORK MAY NOT BE SPECIFIED, BUT SHALL BE CONSIDERED AS

INCIDENTAL TO THE COST OF THE IMPROVEMENTS.

- 5. EXISTINO DRAINAGE STRUCTURES AND SYSTEMS SHALL BE CLEARED OF DEBRIS AND PATCHED AS INCESSARY TO ASSURE INTEGRITY OF THE STRUCTURE. WHERE SHOWN ON THE PLANS OR DIBECTED BY THE BENDRIER. DRAINGES STRUCTURES AND SYSTEMS CONSTRUCTED AS PART OF THIS PROJECT SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS EXPENSE. NO ADDITIONAL COMPRENSATION WILL BE ALLOWED.
- 6. IN THE EVENT THAT UNSTABLE/SOFT MATERIALS ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE OWNER
- TRENCH BACKFILL WILL BE REQUIRED FOR THE FULL TRENCH DEPTH WITHIN TWO (2) FEET OF PROPOSED OR EXISTING PAVEMENTS, UTILITIES, DRIVEWAYS, AND SIDEWALKS. THE TRENCH BACKFILL SHALL CONSIST OF GRANULAR MATERIAL MEETING SSRPC CA-7 GRADATION, UNLESS NOTED OTHERWISE. JETTING WITH WATER SHALL
- B. ALL TOP OF NEW FRAMES FOR STORM AND SANTRAY SEWERS AND VALVE VALUE COVERS ARE TO BE ADJUSTED TO MEET FINAL FINSHED GRADE. THIS ADJUSTMENT IS TO BE MADE BY THE SEWER AND WATER CONTRACTOR AND THE COST IS TO BE CONSIDERED INCIDENTAL. THESE ADJUSTMENTS TO FINISHED GRADE WILL NOT ALLEVIATE THE CONTRACTOR FROM ANY ADDITIONAL ADJUSTMENTS AS REQUIRED BY OWNER UPON PINIL INSPECTION OF THE
- 9. THE CONTRACTOR SHALL VERIFY THE SIZE AND INVERT ELEVATION OF ALL CONNECTIONS TO AVOID ANY CONFLICTS BEFORE STARTING WORK. NOTIFY OWNER OF ANY DISCREPANCIES.
- 10. NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN APPROVED BY THE AGENCY HAVING JURISDICTION. APPROVAL TO PROCEED MUST BE OBTAINED FROM THE CITY PRIOR TO INSTALLING PAVEMENT BASE, BINDER, SURFACE, AND PRIOR TO PLACING ANY CONCRETE AFTER FORMS HAVE BEEN SET.
- 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.
- 12. DIRECT PUMPING INTO THE FOX RIVER WILL NOT BE PERMITTED.

#### EARTHWORK NOTES

- . GENERAL
- A. THE CONTRACTOR SHALL WORK BASED ON THEIR OWN EXPLORATIONS AND OBSERVATIONS TO DETERMINE CONDITIONS AT THE LOCATION OF THE PROPOSED WORK.
- B. EARTH EXCAVATION SHALL INCLIDE STREPPING AND STOCKPLING TOPSOIL, RE-SPEEDING TOPSOIL FROM ONSITE, REMOVING UNSUITABLE MATERIALS, THE CONSTRUCTION OF EMBANAMENTS, CONSTRUCTING NON-STRUCTING THILS, AND FINAL SHAPING AND TRIMINING TO THE LINES, GRADES, AND CROSS-SECTIONS SHOWN ON THE PLANS. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE PROVISIONS OF SECTION 2007 OF THE STRANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN LILLIONS.
- C. 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
- D. THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE UNLESS NOTED OTHERWISE.
- E. THE CONTRACTOR SHALL MAINTAIN POSITIVE DIMINIAGE DURING CONSTRUCTION, AND PREVENT STORMMATER FROM BUNNING NOT OR STANDING IN EXCAVATED AREAS, NO ADDITIONAL COMPRISATION WILL BE ALLOYED FOR WORK RESULTING FROM CONTRACTORS FAILURE TO PROVIDE PROPER DRAINAGE. GRADED AREAS SHALL BE PROTECTED AGAINST DAMAGE FROM ERGON, SEDIMENTATION AND TRAFFICE.
- F. 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 SLIT FENCING, ETC. TO PROTECT ONSITE AND AUGUSCH PROPERTY, ETC. SHALL OCCUR BEFORE ANY WORK BEGINS.
- G. PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES, THE CONTRACTOR SHALL PROTECT ALL TREES DESIGNATED TO BE PRESERVED.
- H. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LEGAL DISPOSAL OF ALL EXCAVATED MATERIAL INCLUDING PAVEMENT. CONCRETE, ETC. FROM THE SITE.
- I. THE CONTRACTOR SHALL PROTECT THE EXISTING RETAINING WALL ALONG THE FOX RIVER DURING CONSTRUCTION. ANY DAMAGE WILL BE REPAIREDIREPLACED TO THE SATISFACTION OF THE CITY AT THE CONTRACTOR'S EXPENSE.
- J. "EARTH EXCAVATION, SPECIAL" PAY ITEM SHALL INCLUDE ALL CUTS, FILLS, AND EMBANKMENT REQUIRED FOR THE EXCAVATION TO PROPOSED SUBGRADE ELEVATION FOR ALL ITEMS OF WORK INCLUDINS RETAINING WALL, CURB AND GUTTER, SIDEWALKS, AND BRICK PAYERS, PLANTER AREA EXCAVATION WILL BE PLAYED FOR SEPARATICHY.
- . TOPSOIL
- A. TOPSOIL SHALL BE REMOVED WITHIN THOSE AREAS THAT WILL REQUIRE EARTH EXCAVATION OR STRUCTURAL FILL MATERIAL. EXISTING VEGETATION SHALL BE REMOVED PRIOR TO STRIPPING TOPSOIL OR FILLING AREAS.
- B. 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.
- C. 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.
- D. 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.
- 3. EXCAVATION/EMBANKMENT
- A. SUB-GRADE SHALL BE GRADED TO WITHIN A TOLERANCE OF 0.1 FEET OF THE PLAN SUBGRADE ELEVATIONS WHILE MAINTAINING PROPER DRAINAGE.
- B. FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS THAT SHALL NOT EXCEED EIGHT (3) INCHES IN THICKNESS, AND THE WATER CONTENT SHALL BE ADJUSTED IN 000FB FO GALHER PEQUIED COMPACTION. STRUCTURAL HILL MATERIAL MAY BE PLACED WITHIN THOSE PORTIONS OF THE SITE NOT REQUIENCY STRUCTURAL FILL. TO WITHIN SIX, (6) INCHES OF THE PLAN FRINGED GRADE ELEVATION. IN AREAS REQUIRING STRUCTURAL FILL. TOWERS, THIS MATERIAL SHALL NOT BE PLACED OVER TOPSOIL OR OTHER UNSUITABLE MATERIALS UNLESS SPECIFICALLY DIRECTED BY A SOILS BY SIGNER WITH THE CONCURRENCE OF THE CITY.
- C. 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
- A. UNSUITABLE MATERIAL SHALL BE CONSIDERED AS MATERIAL WHICH IS NOT SUITABLE FOR THE SUPPORT OF PAYEMENT AND STRUCTURAL CONSTRUCTION, AND IS ENCOLUMERED BELOW NORMAL TOPSOL DEPTHS AND THE PROPOSED SUBGRADE ELEVATION. THE DECISION TO REMOVE SAID MATERIAL, AND TO WHAT EXTENT, SHALL BE MADE BY A SOLIS ENGINEER WITH THE CONCURRENCE OF THE CITY.

| DEGNI | DPR | TITLE: | CHARLES RIVERWALK BLDG | DPR | DPR | STI CHARLES RIVERWALK BLDG | DPR | STI CHARLES RIVERWALK BL

CITY OF ST. CHARLES
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PROJECT NO. 170319

DATE: 03.01.2018

DRAWING NO. GN1

SHEET

2 OF 14

#### TRAFFIC CONTROL AND PROTECTION NOTES

- 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.
- 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 LIPON 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
- 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.
- 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.
- 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.
- 10. ALL EXIT DOORS FROM BUILDINGS SHALL REMAIN UNOBSTRUCTED AND FUNCTIONAL AS BUILDING EMERGENCY EXITS.
- 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.
- 12. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN TRAFFIC AT ALL TIMES WHICH SHALL INCLUDE TRAFFIC BARRICADES, FENCING, ETC. AS DIRECTED BY THE CITY. THIS WORK SHALL BE INCLUDED BY THE PAY ITEM FOR TRAFFIC CONTROL AND PROTECTION.

  13. THE CONTRACTOR SHALL COORDINATE WITH THE ST. CHARLES FIRE AND POLICE DEPARTMENTS PRIOR TO ANY PAYEMENT OR SIDEWALK WORK.

#### LANDSCAPING NOTES

#### PLANTING NOTES

- ALL PLANTS WILL CONFORM IN SIZE AND GRADE TO THE LATEST EDITION OF ANSI Z50.1, AMERICAN STANDARD FOR NURSERY STOCK.
- 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.
- THE APPROVED PLANT MATERIAL WILL BE ON SITE FOR INSPECTION BY THE LANDSCAPE ARCHITECT TO DETERMIN THE QUANTITY AND SIZE REQUIREMENTS HAVE BEEN MET. A POST PLANTING INSPECTION SHALL BE COMPLETED AND APPROVED PRIOR TO ISSUANCE OF FINAL ACCEPTANCE.
- 4. 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.
- 5. 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
- 6. 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
- 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.
- 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.
- 9. ALL DIGGING OF TREES IN THE NURSERY AND ALL PLANTING WILL BE DONE DURING THE PROPER SEASON.
- 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.
- 11. 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 TRIMK. THE WRAP SHALL COVER THE TRUNK FROM THE GROUND TO THE HISTS TRANCH AND SHALL BE NEAT AND SNUG.

#### **PAVING NOTES**

#### 1 GENERAL

- A. PAVING WORK INCLUDES FINAL SUBGRADE SHAPING, PREPARATION AND COMPACTION: PLACEMENT OF SUB-BASE OR BASE COURSE MATERIALS; BITUMINOUS BINDER AND/OR SURFACE COURSES; FORMING, 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.

- 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 FLACEMENT OF THE BASE CURREE. THE ENTIRE DAMED AREA MAY SE PRIOR ROLLED AND INSPECTED TO MUSISTIFIZE LESS TRADUCTIONS OF CREASEDING MOVIMENT AT THE REDOCTOR THE CITY IF INSUITABLE SURGANGES ENCOUNTERED. IT SHALL BE CORRECTED IN A MANNER APPROVED BY THE CITY OR ITS REPRESENTATIVE. THE PARKE DAREA MUST AGAIN BE PROPRIED MAY THE SAME PROCEDURE MAY BE REPATED UNIT. THE SUBGRADE IS SATISFACTORY TO THE CITY OR ITS REPRESENTATIVE. THE SAME PROCEDURE MAY BE REQUIRED FOR THE BASE COURSE MY OF MACHINET OF MACHINET OF THE ASPHALT OR KONCRETE SUBFACE COURSE.

#### 4. CONCRETE CURB

- A. THIS WORK SHALL BE IN CONFORMATION 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
- 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
  - 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 (60' 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

  - 5. ALL CONTRACTION JOINTS SHALL BE SEALED IN ACCORDANCE WITH SECTION 420.12 OF THE STANDARD SPECIFICATIONS.
  - 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
- 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 INCLUDED IN THE PAY ITEM "EARTH
- H. ANY REQUIRED PAVEMENT REMOVAL AND REPLACEMENT REQUIRED FOR THE REMOVAL AND REPLACEMENT OF CURB AND GUTTER REMOVAL AND REPLACEMENT OF CURB AND GUTTER REMOVAL AND REPLACEMENT. THE PAVEMENT REPLACEMENT SHALL DESIGN FOR FULL DEPTH CONCRETE WITH 2" MIA NOS GURRACE COURSE TO FINISHED GRADE

#### 5. 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
- 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 TSULL-DEPTH 1/2" AND DE OF BITUMINOUS PREFORMED FIBER JOINT FILLER CONFORMING TO THE REQUIREMENTS OF A ASHTO 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
- 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.

#### **ELECTRICAL NOTES**

REFER TO ELECTRICAL PLAN SHEET NO. 7 AND ELECTRICAL DETAIL SHEET NO. 13 FOR CITY OF ST. CHARLES ELECTRICAL INSTALLATION SPECIFICATIONS AND REQUIREMENTS.

#### MATERIAL LIST

BRICK: THE PROPOSED BRICK PAVERS SHALL MATCH THE EXISTING BRICK SIDEWALK OF FIRST STREET AND SHALL BE 

1 2 1 4	PAY ITIM DESCRIPTION  COMBINATION CURB AND GUTTER RIMOVAL  SDEWALE REMOVAL	GUANTITY 91.0	UNE
1			
1		60.0	54
	FENCE REMOVAL	19.0	12
	EARTH EXCAVATION, SPECIAL	1	150
5	COMBINATION CONCRETE CURB AND GUTTER, TYPE 8-6-12, SPECIAL	105.0	130
6	COMBINATION CONCRETE CURB AND GUTTER, TYPE 8-9-12, SPECIAL	11.0	15
7	MANDICLE ANGET STRUCTURE ADJUSTMENT	6.0	6.4
Ť	FRAME AND LID. TV 1 CLOSED	5.0	1.0
÷	FRAME AND LID. TY II BEEHIVE	1.0	- 64
20	DECORATIVE BRICK PAVERS	980.0	- 13
11	DCC BRIVER BASE BASE SC	108.9	- 57
12	PORTLAND CEMENT CONCRETE SIDEWALK 5"	\$365.0	55
13	DETECTABLE WARMINGS	1 18.0	58
14	CONCRETE RETAINING WALL	1.0	150
15	RIVERWALK BALLING - BASE BID	257.0	130
16	RIVERWALK RAILING - ALTERNATE BID	257.0	1,5
17	CONCRETE RIBBON CURB FOUNDATION FOR BENCH SEATING, BIN, WIDTH	62.6	1,5
18	CONCRETE PLANTER CURB. SIN. WIDTH	234.4	15
19	PLANTER EXCAVATION AND MATERIAL DISPOSAL	97.8	- 0
21	TOPSOL FURNISH AND PLACE, 36IN, DEPTH	67.8	CY
22	TREE, COLUMNAR	8.0	EA
23	SHRUB, DECIDIOUS	22.0	£A.
24	PERNNIAL PLANTS	594.0	EA
25	BLUSS	610.0	EA
26	HARDWOOD BARK MULCH, SIN, SHREDDED	67.8	SY
27	LIGHT POLE FOUNDATION, PEDESTRIAN	6.0	EA
29.	BOXLARD FOUNDATION	4.0	TA.
29	HOLIDAY OUTLET PEDESTAL FOUNDATION	5.0	IA.
30	LIGHTING CONTROLLER PAD	1.0	EA
33	4° PVC CONDUIT	209.0	LF.
32	3° PVC CONDUIT	148.0	Th
33	3° PVC CONDUIT 2° PVC CONDUIT		
33	D. NYC CONDUST	790.0	LF
35	SEAT WALL BENCH	71.0	LF
36	PALET FILTERS	4.0	LF
30	CONCRETE WASHOUT FACULTY	10	EAC
	TRAFFIC CONTROL AND PROTECTION	10	
33	MOBILIZATION	1.0	LSUI

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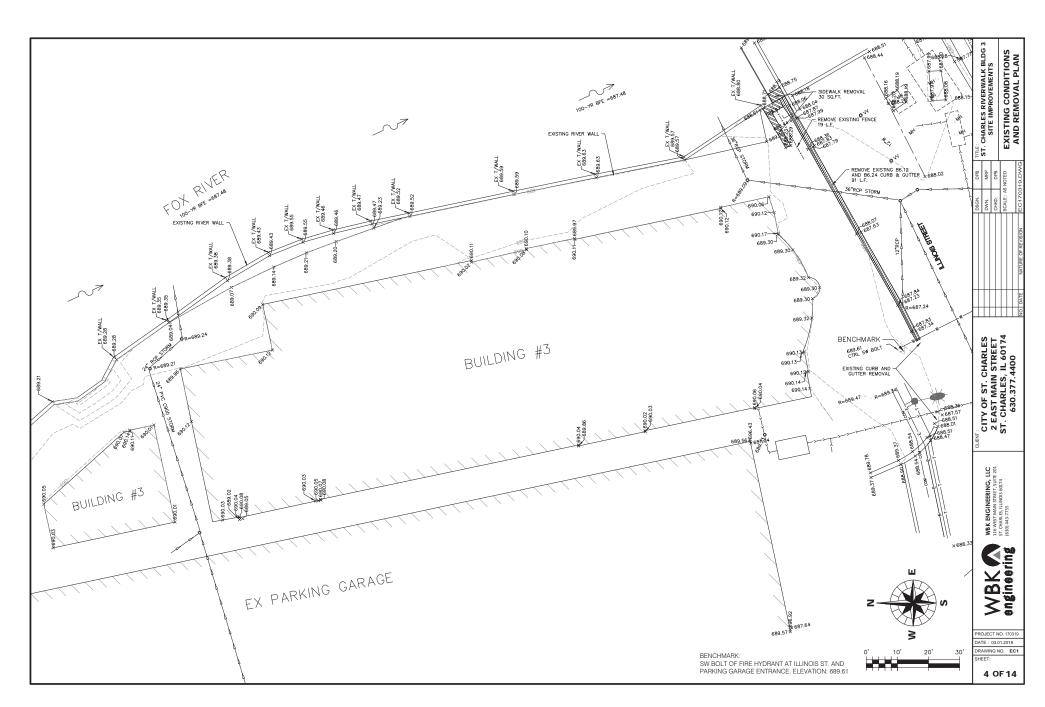
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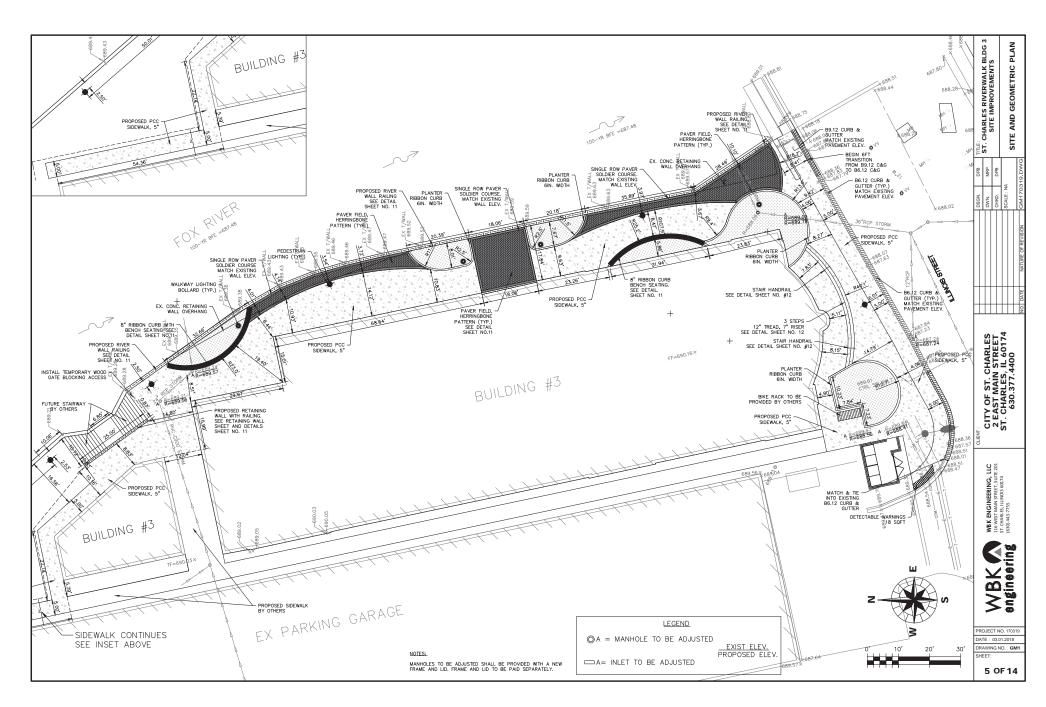


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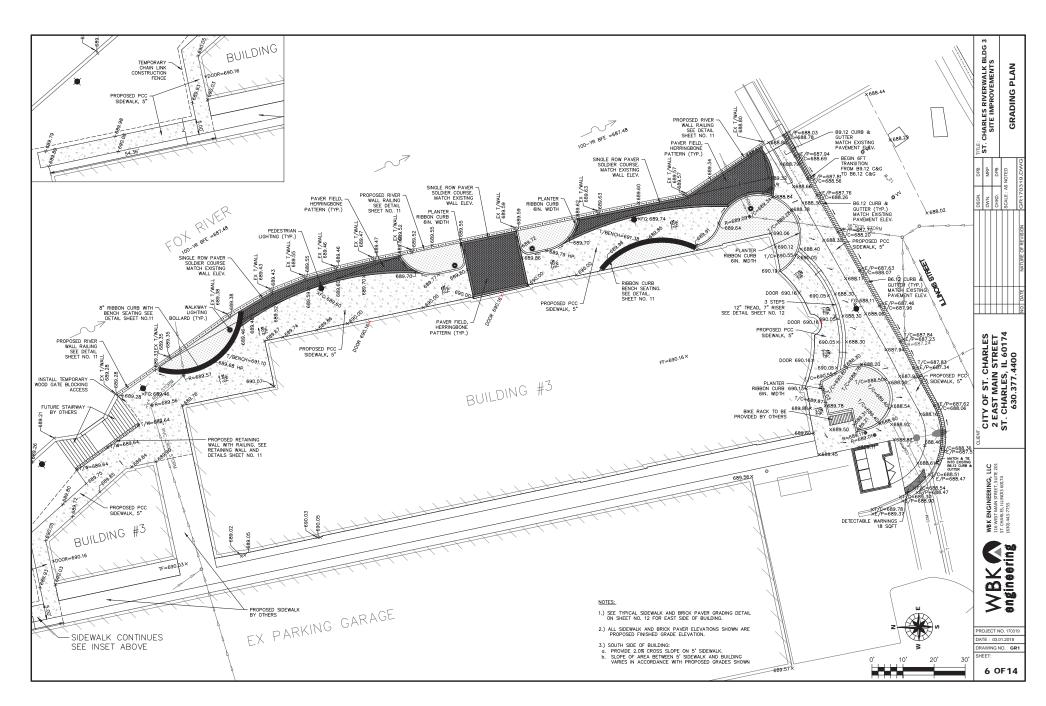
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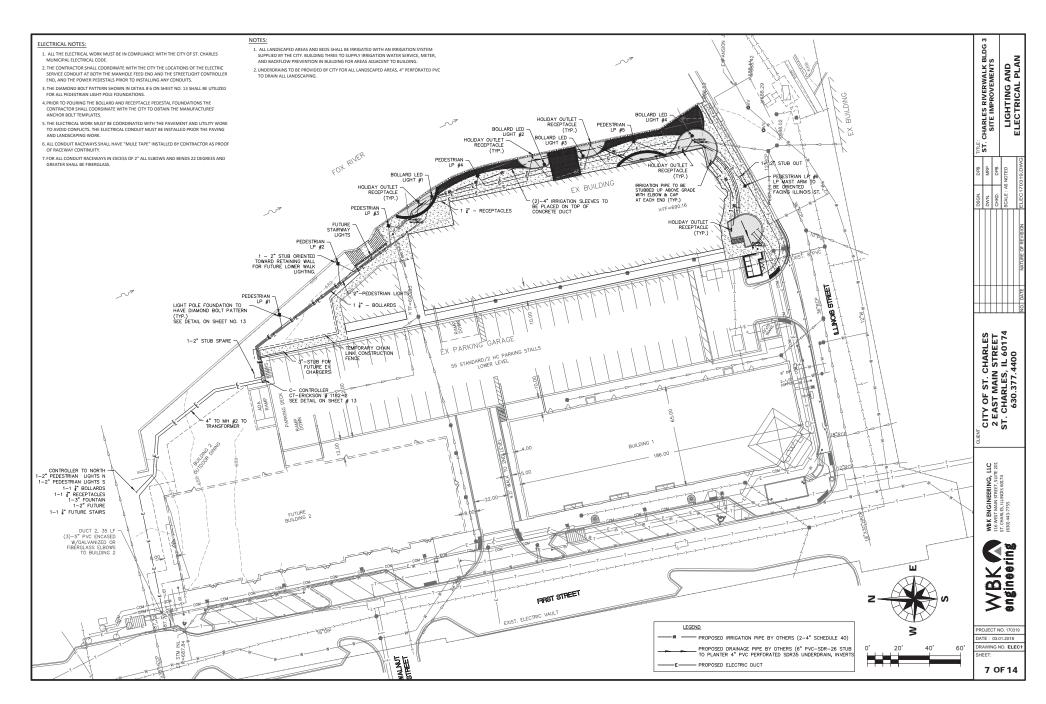
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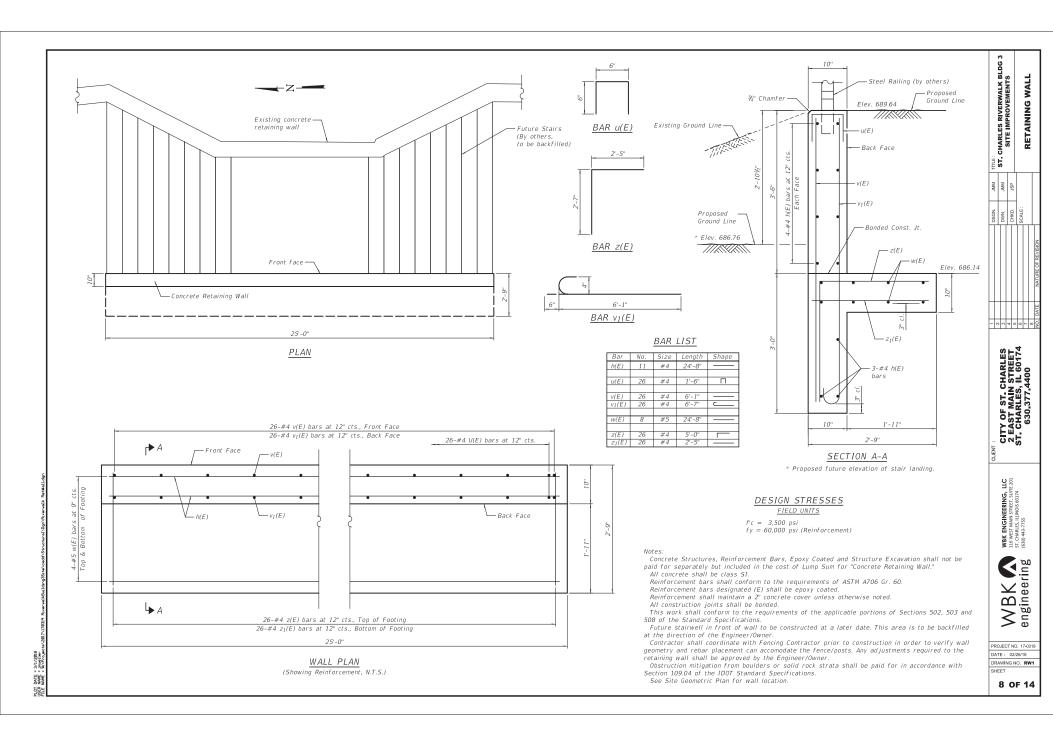
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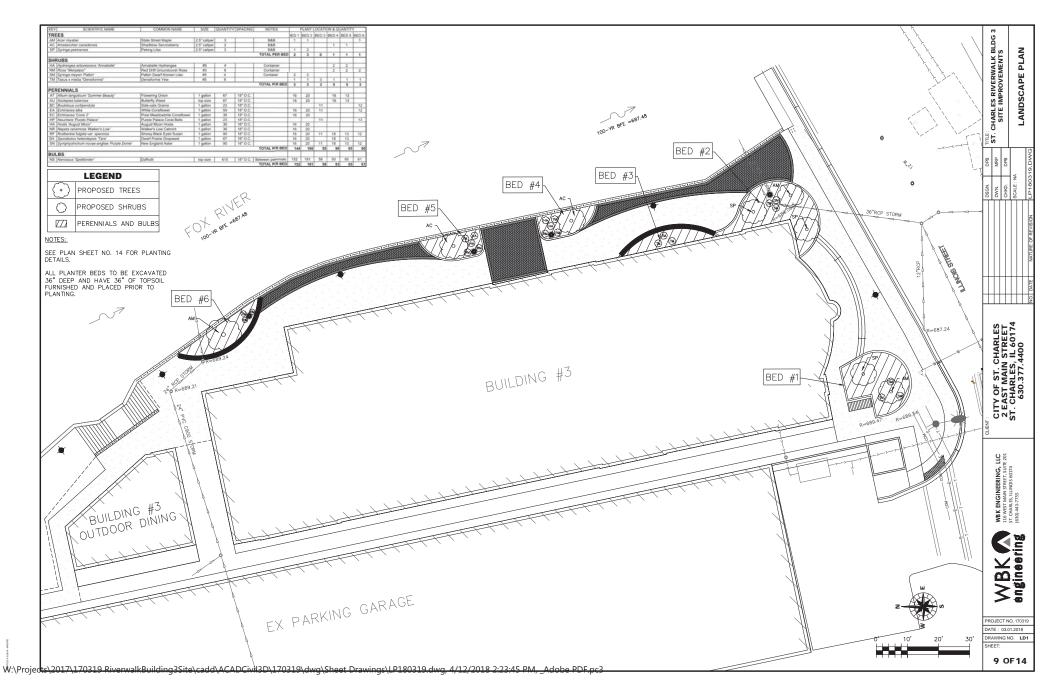


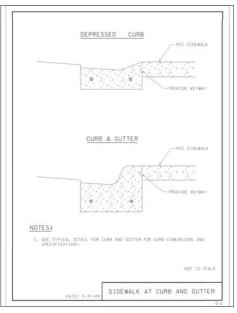
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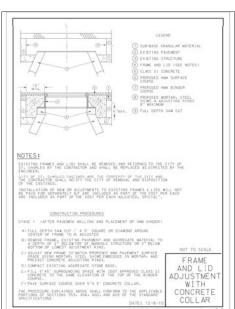


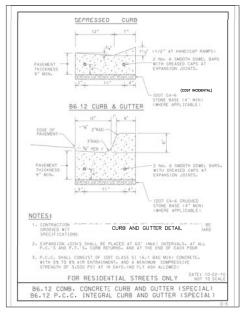
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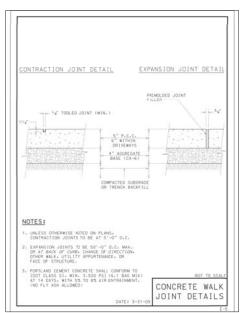


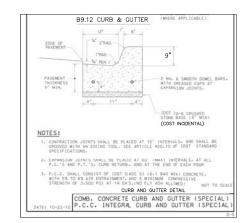


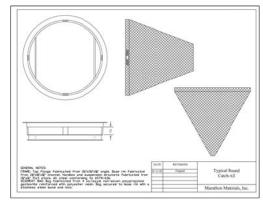


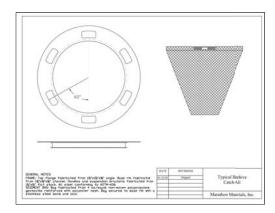














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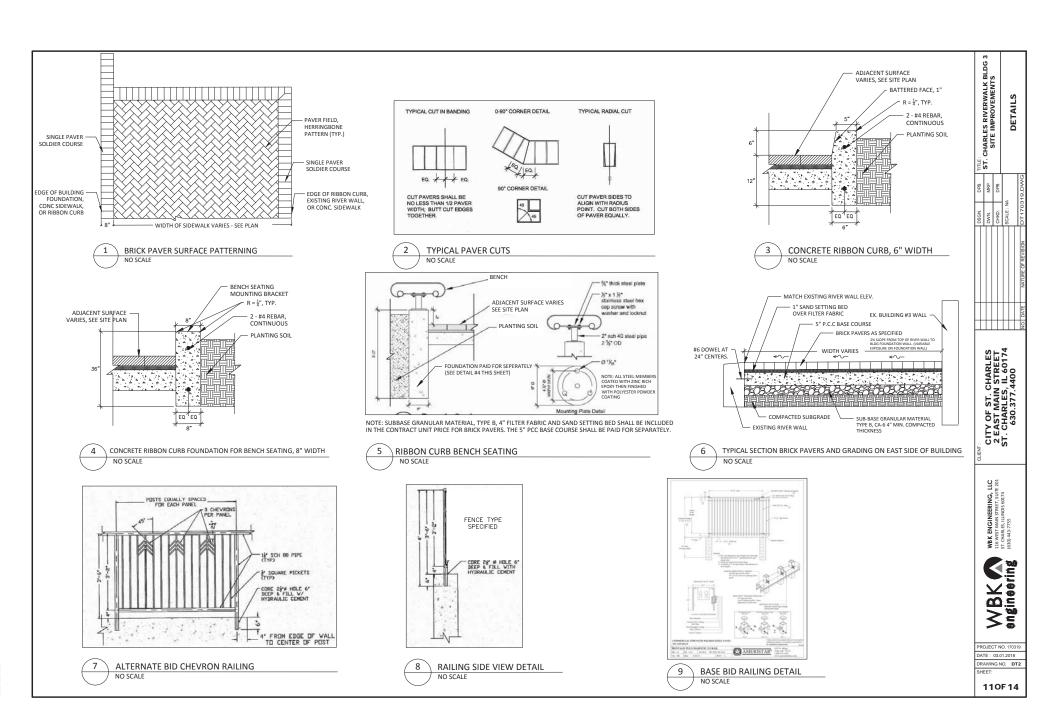


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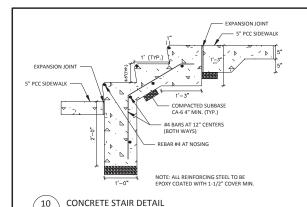
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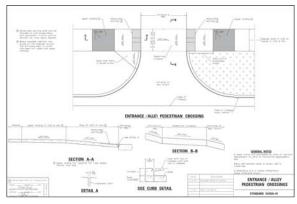


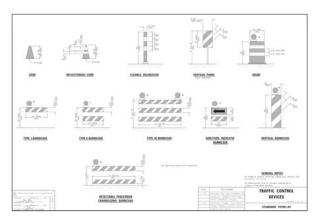
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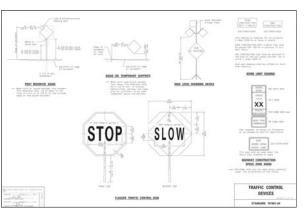


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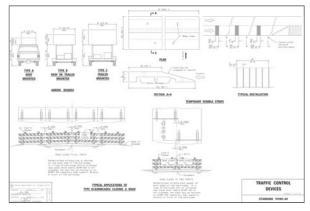


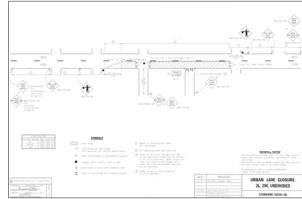






NO SCALE







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CHARLES RIVERWALK BLDG 3 SITE IMPROVEMENTS

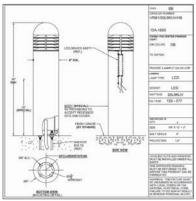
ST.

DETAILS

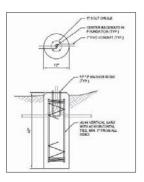


PROJECT NO. 170319 DATE: 03.01.2018 DRAWING NO. DT3 SHEET

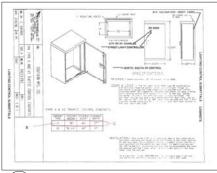
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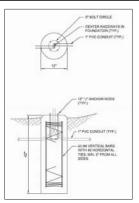
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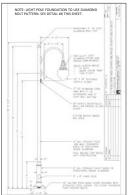
4 HOLIDAY OUTLET FOUNDATION DETAIL



7 LIGHTING CONTROLLER CABINET DETAIL
NO SCALE



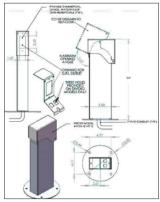
2 BOLLARD LIGHTING FOUNDATION DETAIL NO SCALE



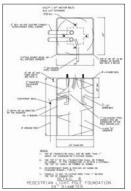
5 PEDESTRIAN LIGHT POLE DETAIL
NO SCALE



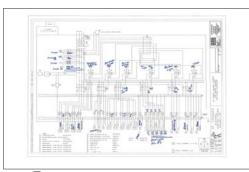
8 LIGHTING CONTROLLER CABINET DETAIL
NO SCALE



HOLIDAY OUTLET PEDESTAL DETAIL
NO SCALE



6 PEDESTRIAN LIGHT POLE FOUNDATION
NO SCALE



9 LIGHTING CONTROLLER WIRING DETAIL
PROVIDED BY CITY OF ST. CHARLES ELECTRICAL
ENGINEERING DEPARTMENT PHONE NO. (630) 377-4407

| DSGN | DPB | TITLE: HARLES RIVERWALK BLDG 3 | DNA | MRP | STITE IMPROVEMENTS | CN400 | DPB | STITE IMPROVEMENTS | SNAE: HA | SNAE: HA | DETAILS | DETAILS | CN400 | DNA | DETAILS | CN400 | DNA | DETAILS | CN400 | DNA | DN

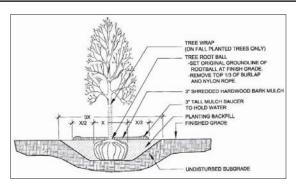
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2 EAST MAIN STREET
ST. CHARLES, IL 60174
630.377.4400

WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755

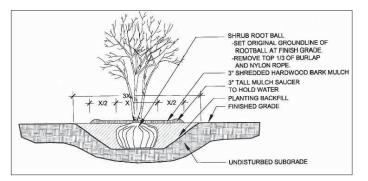


PROJECT NO. 170319 DATE: 03.01.2018 DRAWING NO. **DT1** 

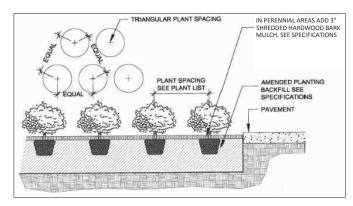
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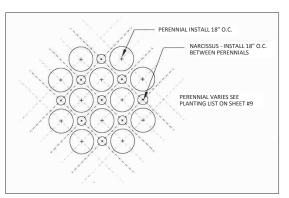




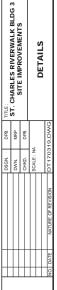
SHRUB PLANTING DETAIL NO SCALE



3 PERENNIAL PLANTING DETAIL NO SCALE



4 BULB/PERENNIAL INTERPLANTING DETAIL NO SCALE



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PROJECT NO. 170319
DATE: 03.01.2018
DRAWING NO. DT3

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