



**US Army Corps
of Engineers**
Louisville District ®

Public Notice

Public Notice No.
LRL-2016-210-pjl

Open Date:
17 Mar 2016

Close Date:
1 Apr 2016

Please address all comments and inquiries to:
U.S. Army Corps of Engineers, Louisville District
ATTN: Ms. Pam Loeffler, CELRL-OPF-S, Rm 752
P.O. Box 59
Louisville, Kentucky 40201-0059

Phone: 502-315-6693

This notice announces an application submitted for a Department of the Army (DA) Permit, subject to Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act. This proposal was previously announced in Public Notice LRL-2014-927 in March 2015:

APPLICANT: City of Covington
20 West Pike Street
Covington, Kentucky 41011

AGENT: Woolpert
9987 Carver Road, Suite 450
Cincinnati, Ohio 45242

LOCATION: Left bank of the Ohio River at River Mile 470.5
in Covington, Kenton County, Kentucky

Latitude: 39.09068
Longitude: -84.51084
7.5 Minute Quad: KY-Covington

PURPOSE: To create a destination attraction for the residents of Covington and surrounding communities by redeveloping the waterfront to be used for community events and entertainment.

DESCRIPTION OF WORK: The applicant proposes to construct Phase I of the Covington Riverfront Commons plaza. The project would require construction of a bulkhead at the river's edge to allow earthwork cutting, filling and compaction of the site to the proposed development elevations. The proposed project would include a main elliptical plaza, tiered seating with overlook, Greenup cul-de-sac redevelopment, and smaller landing platform west of the Madison Landing. Approximately 1,400 cubic yards (CY) of earthen material would be removed from below the Ordinary High Water (OHW) elevation of 466 feet Ohio River Datum (ORD). The removal would be conducted using a track mounted backhoe and excavating the material from the landside of the project. The material would be disposed of offsite in an approved fill site not directly connected to the waters of the U.S.

Fill materials to be discharged below the OHW elevation to bring the area up to the proposed development elevations include 13,000 CY of structural fill (soil) material that would be imported from offsite; 1,030 CY of structural concrete and sidewalks; 20 CY of asphalt pavement; 200 CY of cobble beach pavers; 450 CY of riprap (designated river rock on plans), and 522 linear feet of steel sheet pile bulkhead that would remain in place once construction has been completed. In addition to this proposed activity, improvements would be made to the Covington Landing at the terminus of Madison Avenue. These plans have been incorporated with the Plaza design. A combined sewer would also be relocated in conjunction with the plaza development.

AVOIDANCE, MINIMIZATION, AND MITIGATION MEASURES: The applicant has proposed to utilize erosion control measures such as silt fence, temporary and permanent seeding, and erosion control blanket on slopes greater than 3:1. The applicant has proposed improvements that would deter channel obstructions and improve water flows during flood conditions, including installation of a debris boom or turbidity curtain.

It is noted that this proposed mitigation plan is open to comment and subject to change. The Corps will make a determination of appropriate mitigation, upon review of all submitted information.

REVIEW PROCEDURES: A DA Permit cannot be issued if any legally required Federal, State, or local authorization or certification is denied. A DA permit, if otherwise warranted, will not be issued until a State of Kentucky Water Quality Certification or waiver is on file at this office. In order to comply with Section 401 of the Clean Water Act, the applicant has applied for and received State certification (#2015-086-1) from the Kentucky Energy and Environment Cabinet Division of Water (KDOW).

Copies of this notice are sent to the appropriate Federal and State Fish and Wildlife Agencies. Their views and comments are solicited in accordance with the Fish and Wildlife Coordination Act of 1956. Based on available information, the proposed activity will not destroy or endanger any Federally-listed threatened or endangered species or their critical habitats, as identified under the Endangered Species Act, and therefore, initiation of formal consultation procedures with the U.S. Fish and Wildlife Service is not planned at this time.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. A request for a public hearing must state the specific interest which might be damaged by issuance of the DA Permit.

The National Register of Historic Places has been examined, and it has been determined that there are no properties currently listed on the Register which would be directly affected by the proposed work. If we are made aware, as a result of comments received in response to this

notice, or by other means, of specific archaeological, scientific, prehistoric, or historical sites or structures which might be affected by the proposed work, the District Engineer will immediately take the appropriate action necessary pursuant to the National Historic Preservation Act of 1966 - Public Law 89-665 as amended (including Public Law 96-515).

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered; among those are conservation, economics, aesthetic values, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use, navigation, recreation, water supply, water quality, energy needs, safety, food production, and in general, the needs and welfare of the public. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines (40 CFR Part 230) promulgated by the Administrator, United States Environmental Protection Agency, under authority of Section 404(b) of the CWA.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. It is presumed that all interested parties and agencies will wish to respond; therefore, a lack of response will be interpreted as meaning that there is no objection to the proposed project. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Written statements received in this office on or before the closing date will become a part of the official record and will be considered in the determination on this permit request. Any objections which are received during this period will be forwarded to the applicant for possible resolution before the determination is made whether to issue or deny the requested DA Permit. A permit will be granted unless its issuance is found to be contrary to the public interest.

Information pertaining to this application is available for public examination during normal business hours upon prior request. Drawings

Operations Division
Regulatory Branch (South)
Public Notice No. LRL-2016-210-pjl

are available on Louisville District's Internet site at <http://www.lrl.usace.army.mil/Missions/Regulatory.aspx>. Additional drawings are available upon request. All comments regarding this proposal should be addressed to Ms. Pam Loeffler, CELRL-OPF-S at the address noted above and should refer to the Public Notice Number LRL-2016-210-pjl. Please note, additional construction plan sheets are also available upon request by writing to the above address, or via email identified below.

If you desire to submit your comments by email, you must comply with the following:

a) In the subject line of your email, type in **ONLY** the Public Notice ID No. LRL-2016-210-pjl.

Example:

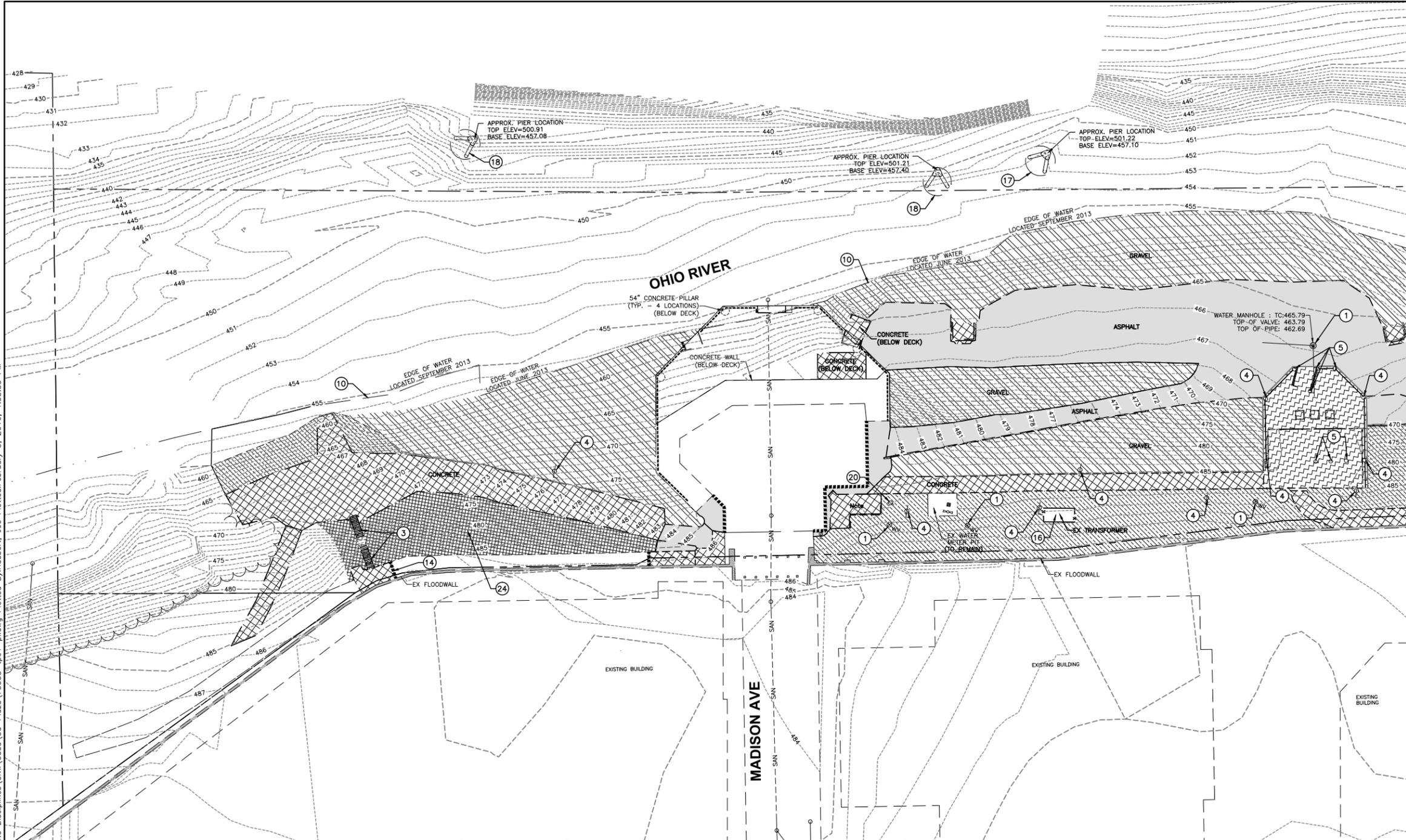
Subject: LRL-2016-210-pjl.

b) Provide your physical mailing address and telephone number.

c) Send your email to: lrl.regulatorypubliccomment@usace.army.mil.

d) If you are sending attachments greater than 1 Mb in size with your email, you must send a hard copy (CD or paper) to the Corps' physical address as well.

Layout Tab Name: C100 EXISTING CONDITIONS-DEMOLITION PLAN, Images: Xrefs: 73558-x-gis.dwg; 73558-x.dwg; 73558-tbik-pl.dwg; 73558-tponotes-pl.dwg; 73408-b.dwg; 73558-p-plaza.dwg; MIKE TIMKO - KENTUCKY.dwg
 Last Saved By: timko, 2/5/2016 7:31:30 AM
 G:\DE\clients\Covington, City of\73558 Covington Riverfront Commons Phase 1\4.0 Disciplines\Civil\Coad\Cd-Plaza\73558-1p01-pl.dwg Plotted: By: haubert, Joe Plotted: February 5, 2016, 1:55:53 PM



MATCHLINE SEE SHEET C101

NOTES

- REFER TO SHEET C002 FOR GENERAL AND DEMOLITION/CLEARING NOTES.
- ALL ITEMS TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY UNLESS SPECIFIED OTHERWISE.

KEYNOTES (X)

- | | |
|--|--|
| <ol style="list-style-type: none"> ADJUST STRUCTURE TO FINISHED GRADE REMOVE EXISTING UTILITY STRUCTURE REMOVE STAIRS AND FOUNDATION REMOVE UTILITY/LIGHT POLE, PULL WIRE AND DISPOSE REMOVE POST, HANDRAIL AND FENCE REMOVE SIGN REMOVE PARKING METER AND RETURN TO CITY REMOVE TREE TEMPORARILY REMOVE SIGN AND REPLACE UPON COMPLETION OF IMPROVEMENTS WATER'S EDGE REMOVE HEADWALL STRUCTURE IN ITS ENTIRETY REMOVE EXISTING CASTING EXISTING PAVERS TO REMAIN SAWCUT AND REMOVE CONCRETE TO NEAREST JOINT | <ol style="list-style-type: none"> EXISTING BRIDGE OVERPASS REMOVE EXISTING ELECTRIC TRANSFORMERS AND PANELS PER SHEET C800 REMOVE EXISTING MOORING STEEL FRAMING AND CONCRETE TO EXISTING RIVER FLOOR IN THEIR ENTIRETY (BID ALTERNATE) REMOVE EXISTING MOORING SUPPORT STEEL ONLY (BID ALTERNATE) CAP AND FILL WITH GROUT PER NORTHERN KENTUCKY SD1 REQUIREMENTS REMOVE AND REPLACE FIRE HYDRANT PER SHEET C401 REMOVE FIRE HYDRANT, VALVE AND LATERAL, CAP MAIN PER NORTHERN KENTUCKY WATER DISTRICT REQUIREMENTS. CONTRACTOR TO POWER WASH AND CLEAN EXPOSED FACE OF WALL AFTER EXCAVATION IS COMPLETE. REPLACE EXISTING STRUCTURE TOP WITH STANDARD MANHOLE CASTING. SELECTIVE TREE/PLANT GROWTH REMOVAL AREA. CONTRACTOR TO REVIEW CLEARING REQUIREMENTS IN THE FIELD WITH THE ENGINEER AND THE CITY OF COVINGTON. |
|--|--|

LEGEND

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> ⊕ LIGHT POLE ⊕_W WATER VALVE ⊕ FIRE HYDRANT ⊕ WATER METER ⊕ WATER SPIGOT | <ul style="list-style-type: none"> ⊕ ELECTRIC MANHOLE ⊕ TELEPHONE MANHOLE ⊕ PULL BOX ⊕ POST/BOLLARD ⊕ UTILITY MARKER | <ul style="list-style-type: none"> ⊕ PARKING METER ⊕ STORM MANHOLE ⊕ SANITARY MANHOLE ⊕ CLEANOUT ⊕ TREE |
| <ul style="list-style-type: none"> --- 12"SD --- 12"SD --- STORM SEWER W/SIZE INDICATED --- 8"SAN --- 8"SAN --- SANITARY SEWER W/SIZE INDICATED --- 12"WTR --- 12"WTR --- WATER MAIN W/SIZE INDICATED --- G --- G --- GAS MAIN --- UE --- UE --- UNDERGROUND ELECTRIC --- OE --- OE --- OVERHEAD ELECTRIC --- UT --- UT --- UNDERGROUND TELEPHONE --- x --- x --- FENCE --- 800 --- 800 --- 5' CONTOUR --- 799 --- 799 --- 1' CONTOUR ----- UTILITY LINE TO BE REMOVED ----- UTILITY LINE TO BE ABANDONED ----- SAWCUT PAVEMENT | <ul style="list-style-type: none"> REMOVE ASPHALT REMOVE CONCRETE PAVEMENT REMOVE GRAVEL/STONES CLEARING AND GRUBBING RIPRAP REMOVAL EXISTING RIPRAP TREE/PLANT GROWTH REMOVAL REMOVE EX. CONCRETE STRUCTURE | |



NO.	DATE	REVISION

PROJECT No: 73558
 DATE: 2/5/16
 DES: DML
 DR: DML
 CKD: MAT

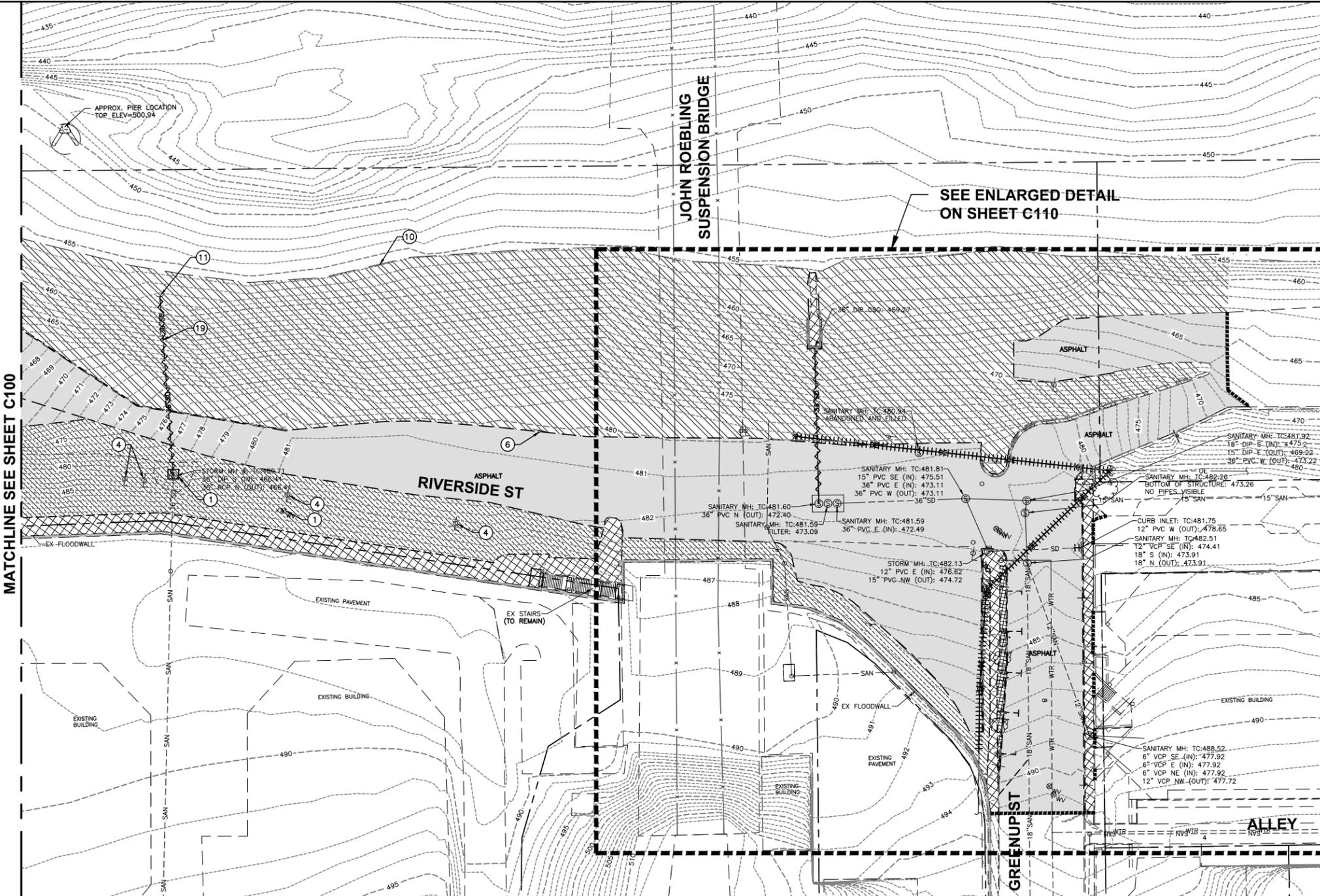
4454 Idea Center Blvd
 Dayton, Ohio 45430
WOOLPERT
 937.461.5660
 FAX: 937.461.0743

**COVINGTON RIVERFRONT COMMONS
 PHASE 1 - PLAZA DESIGN**
 CITY OF COVINGTON
 KENTON COUNTY, KENTUCKY

EXISTING CONDITIONS-DEMOLITION PLAN

SHEET NO. **C100**

Layout Tab Name: C101 EXISTING CONDITIONS-DEMOLITION PLAN, Images: Xrefs: 73558-x-gis.dwg; 73558-x.dwg; 73558-tbik-pl.dwg; 73558-tponotes-pl.dwg; 73558-p-plaza.dwg; 73406-p.dwg; MIKE TIMKO - KENTUCKY.dwg
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PROJECT No:	DATE	DES.	DR.	CKD.
73558	2/5/16	DML	DML	MAT

4454 Idea Center Blvd
 Dayton, Ohio 45430
WOOLPERT
 937.461.5660
 FAX: 937.461.0743

**COVINGTON RIVERFRONT COMMONS
 PHASE 1 - PLAZA DESIGN**
 CITY OF COVINGTON
 KENTON COUNTY, KENTUCKY

EXISTING CONDITIONS-DEMOLITION PLAN

SHEET NO. **C101**

- NOTES**
- REFER TO SHEET C002 FOR GENERAL AND DEMOLITION/CLEARING NOTES.
 - ALL ITEMS TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY UNLESS SPECIFIED OTHERWISE.

- KEYNOTES (X)**
- ADJUST STRUCTURE TO FINISHED GRADE
 - REMOVE EXISTING UTILITY STRUCTURE
 - REMOVE STAIRS AND FOUNDATION
 - REMOVE UTILITY/LIGHT POLE, PULL WIRE AND DISPOSE
 - REMOVE POST, HANDRAIL AND FENCE
 - REMOVE SIGN
 - REMOVE PARKING METER AND RETURN TO CITY
 - REMOVE TREE
 - TEMPORARILY REMOVE SIGN AND REPLACE UPON COMPLETION OF IMPROVEMENTS
 - WATER'S EDGE
 - REMOVE HEADWALL STRUCTURE IN ITS ENTIRETY
 - REMOVE EXISTING CASTING
 - EXISTING PAVERS TO REMAIN
 - SAWCUT AND REMOVE CONCRETE TO NEAREST JOINT
 - EXISTING BRIDGE OVERPASS
 - REMOVE EXISTING ELECTRIC TRANSFORMERS AND PANELS PER SHEET C800
 - REMOVE EXISTING MOORING STEEL FRAMING AND CONCRETE TO EXISTING RIVER FLOOR IN THEIR ENTIRETY (BID ALTERNATE)
 - REMOVE EXISTING MOORING SUPPORT STEEL ONLY (BID ALTERNATE)
 - CAP AND FILL WITH GROUT PER NORTHERN KENTUCKY SD1 REQUIREMENTS
 - REMOVE AND REPLACE FIRE HYDRANT PER SHEET C401
 - REMOVE FIRE HYDRANT, VALVE AND LATERAL. CAP MAIN PER NORTHERN KENTUCKY WATER DISTRICT REQUIREMENTS.
 - CONTRACTOR TO POWER WASH AND CLEAN EXPOSED FACE OF WALL AFTER EXCAVATION IS COMPLETE.
 - REPLACE EXISTING STRUCTURE TOP WITH STANDARD MANHOLE CASTING.
 - SELECTIVE TREE/PLANT GROWTH REMOVAL AREA. CONTRACTOR TO REVIEW CLEARING REQUIREMENTS IN THE FIELD WITH THE ENGINEER AND THE CITY OF COVINGTON.

LEGEND

○ LIGHT POLE	⊕ ELECTRIC MANHOLE	⊙ PARKING METER
⊕ _W WATER VALVE	⊕ TELEPHONE MANHOLE	⊙ STORM MANHOLE
⊕ FIRE HYDRANT	⊕ PULL BOX	⊙ SANITARY MANHOLE
⊕ WATER METER	⊕ POST/BOLLARD	○ CLEANOUT
⊕ WATER SPIGOT	⊕ UTILITY MARKER	○ TREE

--- 12"SD --- 12"SD	STORM SEWER W/SIZE INDICATED	REMOVE ASPHALT
--- 8"SAN --- 8"SAN	SANITARY SEWER W/SIZE INDICATED	REMOVE CONCRETE PAVEMENT
--- 12"WTR --- 12"WTR	WATER MAIN W/SIZE INDICATED	REMOVE GRAVEL/STONES
--- G --- G	GAS MAIN	CLEARING AND GRUBBING
--- UE --- UE	UNDERGROUND ELECTRIC	RIPRAP REMOVAL
--- OE --- OE	OVERHEAD ELECTRIC	EXISTING RIPRAP
--- UT --- UT	UNDERGROUND TELEPHONE	TREE/PLANT GROWTH REMOVAL
--- x --- x	FENCE	REMOVE EX. CONCRETE STRUCTURE
--- 800 --- 800	5' CONTOUR	
--- 799 --- 799	1' CONTOUR	
	UTILITY LINE TO BE REMOVED	
~~~~~	UTILITY LINE TO BE ABANDONED	
-----	SAWCUT PAVEMENT	

N

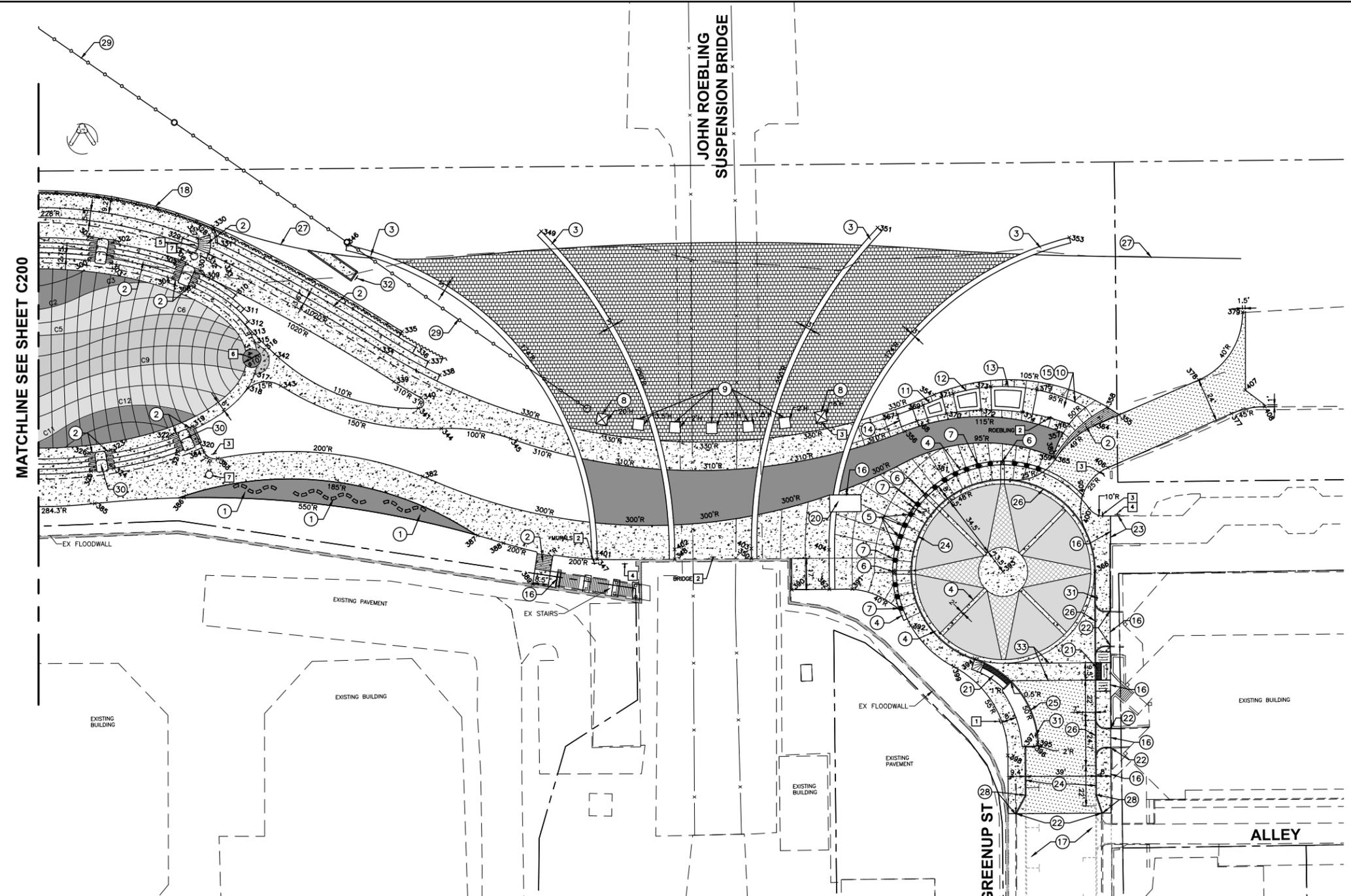
**Kentucky 811**  
 Know what's below.  
 Call before you dig.

GRAPHIC SCALE IN FEET

Layout Tab Name: C201 SITE PLAN, Images: adobe_tan.gif : artificijl.jpg : boulders.jpg : boulders_jogged.jpg : boulders_large.jpg : brick.jpg : BRUSHED.jpg : dark_grey.gif : exposed aggregate concrete.jpg : french_groy.gif : FS_2.6_1_SILHOUETTE_projects_ALL_06212011_0.jpg :  
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POINT #	NORTHING	EASTING
300	579511.9339	1566444.8403
301	579524.7321	1566443.8917
302	579525.3508	1566456.5182
303	579512.5210	1566456.8179
304	579510.3569	1566491.6696
305	579520.2888	1566493.4125
306	579520.5944	1566497.0104
307	579517.6991	1566506.0236
308	579507.9230	1566503.5523
309	579515.1855	1566508.3716
310	579508.0389	1566527.0979
311	579501.3490	1566533.0304
312	579494.9962	1566536.7263
313	579488.7833	1566538.9143
314	579475.5997	1566542.0849
315	579484.7145	1566541.7922
316	579481.4130	1566548.0593
317	579467.4901	1566545.1501
318	579459.3586	1566542.8056
319	579433.0951	1566516.6677
320	579424.7765	1566522.3686
321	579417.9893	1566511.7574
322	579426.7028	1566506.6828
323	579412.2568	1566475.1416
324	579402.7636	1566478.5404
325	579398.8788	1566466.7475
326	579408.5319	1566463.8335
327	579534.6998	1566500.9565
328	579537.6037	1566507.0080
329	579533.3884	1566492.9491
330	579542.5556	1566508.0460
331	579534.0480	1566512.1020
332	579527.4124	1566508.3878
333	579524.6890	1566518.5739
334	579493.1989	1566609.9755
335	579504.8827	1566620.3987
336	579497.7916	1566629.2827
337	579491.2951	1566637.4475
338	579485.2544	1566645.0590
339	579477.1051	1566620.9129
340	579471.0641	1566637.1274
341	579465.2936	1566636.7977
342	579480.1295	1566654.0657
343	579463.5735	1566650.4234
344	579456.6604	1566651.1525
345	579458.1527	1566689.5342
346	579545.9215	1566582.1277
347	579401.8667	1566748.0582
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350	579417.6427	1566831.1042
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352	579408.8871	1566876.1456
353	579621.8497	1566970.4677
354	579523.9177	1566913.2760
355	579531.5042	1567014.8752
356	579501.3829	1566901.1808
357	579516.1488	1566986.5050
358	579534.4150	1567007.9143
359	579501.8948	1566984.1718
364	579523.3983	1567002.8688
365	579501.3977	1566984.9584
366	579445.0210	1567017.5568
367	579509.5095	1566895.3676
368	579507.9807	1566906.5750
369	579517.1566	1566908.2754
370	579514.9615	1566921.8395
371	579526.2699	1566923.2922
372	579520.3899	1566940.0866
373	579533.7708	1566942.9752
374	579523.2423	1566962.4502
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380	579502.2771	1566983.5804
381	579485.0017	1566920.5094
382	579429.0557	1566645.8357
383	579418.2762	1566533.7171
384	579420.7361	1566525.3939
385	579381.8821	1566471.8561
386	579393.8828	1566519.2935
387	579402.8349	1566681.3681
388	579401.2832	1566695.9198
389	579382.1129	1566715.7891
390	579404.9354	1566855.9056
391	579411.2936	1566888.4718
392	579397.4993	1566923.5421
393	579435.5851	1566967.9462
394	579386.0125	1566961.4223

POINT #	NORTHING	EASTING
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396	579344.9053	1567001.9468
397	579343.9788	1566997.0758
398	579337.3228	1566988.7882
399	579379.6421	1566950.8398
400	579478.1289	1567008.0994
401	579405.5987	1566747.3207
402	579414.9213	1566788.8362
403	579423.0166	1566830.0486
404	579430.0904	1566872.0059
405	579484.6918	1567003.2844
406	579501.9972	1567014.0614
407	579557.2857	1567080.4122
408	579550.3209	1567092.5834



MATCHLINE SEE SHEET C200

JOHN ROEBLING  
SUSPENSION BRIDGE

GREENUP ST

ALLEY

**NOTES**

- REFER TO SHEET C002 FOR GENERAL, LAYOUT AND PAVING NOTES.
- REFER TO SHEETS C600-C602 FOR LANDSCAPE PLANS AND DETAILS.
- THE REMOVABLE BOLLARD SHALL BE SENTINEL REMOVABLE BOLLARD WITH MITRE TOP BY LANDSCAPEFORMS, OR APPROVED EQUAL. THE PERMANENT BOLLARD SHALL BE A SENTINEL EMBEDDED BOLLARD WITH MITRE TOP BY LANDSCAPEFORMS, OR APPROVED EQUAL. CONTRACTOR TO INSTALL BOLLARDS PER MANUFACTURER RECOMMENDATIONS.
- PROPOSED HANDRAIL SHALL BE THE FORMS+SURFACES, SILHOUETTE RAILING, WITH CABLE SYSTEM INFILL, OR APPROVED EQUAL.

CURVE TABLE				
NUMBER	RADIUS	LENGTH	CENTER NORTHING	CENTER EASTING
C3	80.00	39.37	N 579426.7881	E 1566490.2386
C5	180.00	94.42	N 579642.4004	E 1566386.5206
C6	80.00	61.56	N 579412.3538	E 1566507.6757
C9	160.00	108.16	N 579307.9686	E 1566530.9596
C11	60.00	23.27	N 579459.7322	E 1566402.7438
C12	80.00	78.99	N 579360.7220	E 1566501.7235

**SIGN NOTES**

- PRELIMINARY SIGNAGE AND PAVEMENT MEDALLION LOCATIONS ONLY. FINAL DESIGN DETAILS AND LOCATIONS BY OTHERS. SIGNAGE AND MEDALLIONS ARE NOT IN THIS CONTRACT.
- RIVERFRONT COMMONS / IDENTITY SIGN
  - HISTORIC / INTERPRETIVE SIGN
  - DIRECTIONAL / INFORMATION SIGN
  - KIOSK - INFORMATION, MAP, EVENTS
  - REGULATORY SIGN
  - 10' DIA. SIGNATURE PAVEMENT MEDALLION - SPECIAL PATTERN IN COLORED PANEL
  - 4' DIA. STANDARD PAVEMENT MEDALLION - BASIC PATTERN IN STANDARD WALKWAY

**KEYNOTES**

- SANDSTONE SEAT BLOCK. SEE DETAILS ON C701. (BID ALTERNATE)
- CAST-IN-PLACE CONCRETE STEPS. SEE DETAILS ON C702, S504-S508.
- 3'-WIDE LIMESTONE BANDING
- 2'-WIDE CONCRETE BANDING
- REMOVABLE BOLLARD. SEE NOTE 3.
- 24" x 24" x 36" SANDSTONE COLUMN BOLLARD
- PERMANENT BOLLARD. SEE NOTE 3
- 36" x 36" SANDSTONE COLUMN. HEIGHT AS SPECIFIED ON PLAN.
- 5' x 5' SANDSTONE BLOCKS. HEIGHT AS SPECIFIED ON PLAN.
- RELOCATED EXISTING ROEBLING STATUE
- 20"-HEIGHT SANDSTONE VENEER PLANTER WALL
- 24"-HEIGHT SANDSTONE VENEER PLANTER WALL
- 28"-HEIGHT SANDSTONE VENEER PLANTER WALL
- 16"-HEIGHT SANDSTONE VENEER PLATFORM
- 32"-HEIGHT SANDSTONE VENEER PLATFORM
- EXPANSION JOINT AT EXISTING CONCRETE
- FUTURE IMPROVEMENTS (BY OTHERS)
- PROPOSED HANDRAIL. SEE NOTE 4.
- NOT USED
- EX. CONCRETE SLAB TOP
- STANDARD KYTC SIDEWALK RAMP
- MATCH EXISTING CURB
- PROVIDE SMOOTH EDGE AT PAVERS EDGE; MATCH COURSING; SAWCUT AS NECESSARY
- INTEGRAL CURB/WALK
- STANDARD HEADER CURB
- DEPRESSED CURB AT DRIVE. TRANSITION TO VERTICAL CURB IN 3'
- APPROXIMATE LOCATION OF PROPOSED WATER'S EDGE
- 10' TAPER TO TRANSITION TO EXISTING
- DEBRIS DIVERTER. SEE SHEET S106. (BID ALTERNATE)
- SANDSTONE PLINTH. SEE DETAILS ON C702 AND S507.
- NO PARKING SIGN
- RELOCATED SD1 CSO SIGN
- PROPOSED CROSSWALK STRIPING

**LEGEND**

- REFER TO PAVEMENT SECTION DETAILS ON SHEET C700.
- DARK GRAY CONCRETE PAVEMENT
  - TAN CONCRETE PAVEMENT WITH TAN AGGREGATE AND EXPOSED AGGREGATE FINISH
  - BROWN CONCRETE PAVEMENT WITH ETCHED FINISH
  - BLUE CONCRETE PAVEMENT WITH SILICA AGGREGATE AND ETCHED FINISH
  - LIGHT GRAY CONCRETE PAVEMENT
  - COBBLESTONE PAVERS
  - ASPHALT PAVEMENT
  - BULKHEAD. SEE S-SERIES SHEETS FOR DETAILS.



PROJECT No:	DATE	DES.	DR.	CKD.
73558	2/5/16	DML	DML	MAT

4454 Idea Center Blvd  
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937.461.5660  
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**WOOLPERT**

**COVINGTON RIVERFRONT COMMONS  
PHASE 1 - PLAZA DESIGN**  
CITY OF COVINGTON  
KENTON COUNTY, KENTUCKY

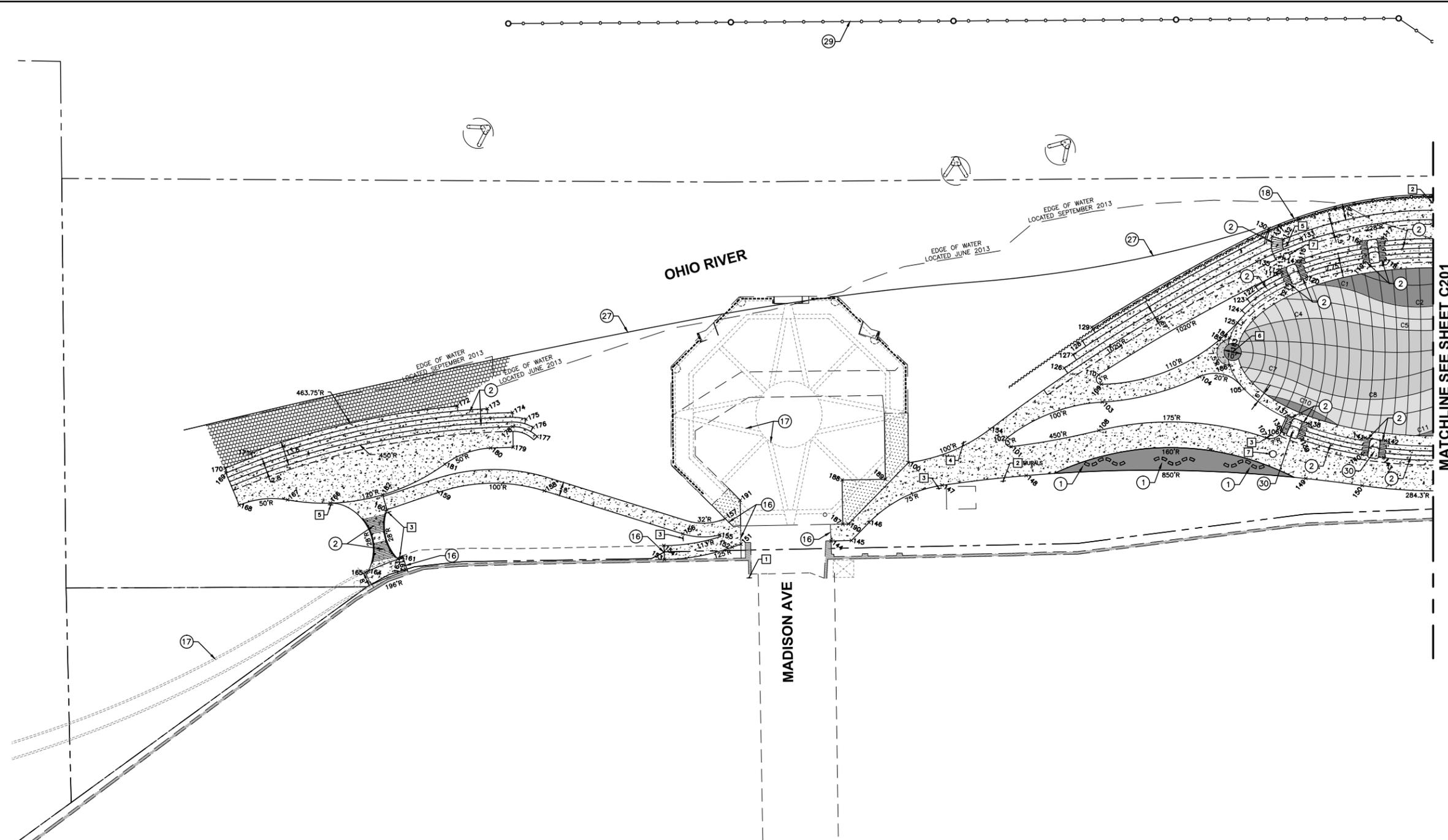
**SITE PLAN**

SHEET NO. **C201**

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**POINT TABLE**

POINT #	NORTHING	EASTING
100	579335.0256	1566137.4648
101	579355.0875	1566194.8534
102	579360.0031	1566191.7613
103	579390.3760	1566242.5000
104	579415.2445	1566295.7412
105	579412.9548	1566322.3557
106	579392.4663	1566348.5043
107	579387.2563	1566340.7025
108	579373.6761	1566243.4643
109	579400.4287	1566240.0968
110	579405.5582	1566237.4457
111	579481.9296	1566329.2723
112	579483.6211	1566331.6179
113	579485.1181	1566330.5609
114	579491.8366	1566339.2160
115	579492.0624	1566341.4015
116	579510.0322	1566374.0199
117	579513.9875	1566386.0265
118	579501.7019	1566389.7359
119	579497.9500	1566378.3460
120	579483.3506	1566346.4790
121	579476.8809	1566336.3769
122	579472.6435	1566318.2930
123	579464.7309	1566314.7014
124	579457.6512	1566312.8321
125	579450.0856	1566311.7398
126	579405.7850	1566216.9498
127	579414.4245	1566220.5541
128	579423.3087	1566224.5202
129	579432.0923	1566228.4935
130	579507.5950	1566319.7548
131	579503.3456	1566322.5011
132	579502.8076	1566329.1917
133	579505.7701	1566339.3832
134	579362.8843	1566180.7605
135	579487.1370	1566316.3384
136	579392.5678	1566348.4896
137	579402.3329	1566350.9992
138	579399.9512	1566362.6134
139	579389.9971	1566361.0032
140	579387.7107	1566397.4733
141	579397.7913	1566397.2376
142	579398.3742	1566409.1296
143	579388.3184	1566409.8748
144	579281.9794	1566101.4308
145	579284.3638	1566113.0204
146	579296.5182	1566121.1987
147	579325.6856	1566159.3654
148	579340.1521	1566206.5458
149	579368.1486	1566367.4572
150	579370.0192	1566400.4819
151	579270.6068	1566049.9844
152	579267.8752	1566045.2473
153	579253.6580	1566007.6642
154	579261.5642	1566005.8528
155	579273.6541	1566036.9075
156	579270.2868	1566015.5101
157	579283.5382	1566038.2044
158	579280.2640	1565931.4171
159	579268.2408	1565870.8281
160	579252.8294	1565843.0563
161	579227.1427	1565857.2776
162	579226.5062	1565856.1394
163	579225.6204	1565854.5716
164	579215.6811	1565838.8677
165	579214.5070	1565837.2049
166	579250.5205	1565809.8215
167	579247.8518	1565784.9422
168	579239.7229	1565757.7345
169	579256.6806	1565746.6666
170	579259.3936	1565745.7930
171	579270.8592	1565758.9708
172	579319.6102	1565872.4531
173	579321.3244	1565890.0461
174	579321.7952	1565904.8448
175	579319.4438	1565913.3432
176	579315.4416	1565918.2603
177	579310.6456	1565921.5341
178	579313.7142	1565906.5062
179	579301.9601	1565908.9228
180	579299.1197	1565896.0870
181	579284.9927	1565871.4543
182	579260.8542	1565838.9817
183	579432.8798	1566312.0173
184	579440.5695	1566308.8977
185	579438.0508	1566305.6725
186	579424.8221	1566311.7368
187	579292.8518	1566106.3626
188	579318.1206	1566101.2778
189	579323.0992	1566126.0188
190	579293.5029	1566109.5274
191	579295.6670	1566044.9306



**NOTES**

- REFER TO SHEET C002 FOR GENERAL, LAYOUT AND PAVING NOTES.
- REFER TO SHEETS C600-C602 FOR LANDSCAPE PLANS AND DETAILS.
- THE REMOVABLE BOLLARD SHALL BE SENTINEL REMOVABLE BOLLARD WITH MITRE TOP BY LANDSCAPEFORMS, OR APPROVED EQUAL. THE PERMANENT BOLLARD SHALL BE A SENTINEL EMBEDDED BOLLARD WITH MITRE TOP BY LANDSCAPEFORMS, OR APPROVED EQUAL. CONTRACTOR TO INSTALL BOLLARDS PER MANUFACTURER RECOMMENDATIONS.
- PROPOSED HANDRAIL SHALL BE THE FORMS+SURFACES, SILHOUETTE RAILING, WITH CABLE SYSTEM INFILL, OR APPROVED EQUAL.

**CURVE TABLE**

NUMBER	RADIUS	LENGTH	CENTER NORTHING	CENTER EASTING
C1	80.00	31.20	N 579401.2569	E 1566365.5776
C2	70.00	61.33	N 579547.0982	E 1566400.8535
C4	110.00	66.14	N 579352.6302	E 1566374.9786
C5	180.00	94.42	N 579642.4004	E 1566386.5206
C7	130.00	36.29	N 579295.4179	E 1566324.1686
C8	100.00	87.12	N 579518.8225	E 1566378.8391
C10	100.00	44.90	N 579311.7761	E 1566337.2177
C11	60.00	23.27	N 579459.7322	E 1566402.7438

**SIGN NOTES**

- PRELIMINARY SIGNAGE AND PAVEMENT MEDALLION LOCATIONS ONLY. FINAL DESIGN DETAILS AND LOCATIONS BY OTHERS. SIGNAGE AND MEDALLIONS ARE NOT IN THIS CONTRACT.
- RIVERFRONT COMMONS / IDENTITY SIGN
  - HISTORIC / INTERPRETIVE SIGN
  - DIRECTIONAL / INFORMATION SIGN
  - KIOSK - INFORMATION, MAP, EVENTS
  - REGULATORY SIGN
  - 10' DIA. SIGNATURE PAVEMENT MEDALLION - SPECIAL PATTERN IN COLORED PANEL
  - 4' DIA. STANDARD PAVEMENT MEDALLION - BASIC PATTERN IN STANDARD WALKWAY

**KEYNOTES**

- SANDSTONE SEAT BLOCK. SEE DETAILS ON C701. (BID ALTERNATE)
- CAST-IN-PLACE CONCRETE STEPS. SEE DETAILS ON C702, S504-S508.
- 3'-WIDE LIMESTONE BANDING
- 2'-WIDE CONCRETE BANDING
- REMOVABLE BOLLARD. SEE NOTE 3.
- 24" x 24" x 36" SANDSTONE COLUMN BOLLARD
- PERMANENT BOLLARD. SEE NOTE 3
- 36" x 36" SANDSTONE COLUMN. HEIGHT AS SPECIFIED ON PLAN.
- 5' x 5' SANDSTONE BLOCKS. HEIGHT AS SPECIFIED ON PLAN.
- RELOCATED EXISTING ROEBLING STATUE
- 20"-HEIGHT SANDSTONE VENEER PLANTER WALL
- 24"-HEIGHT SANDSTONE VENEER PLANTER WALL
- 28"-HEIGHT SANDSTONE VENEER PLANTER WALL
- 16"-HEIGHT SANDSTONE VENEER PLATFORM
- 32"-HEIGHT SANDSTONE VENEER PLATFORM
- EXPANSION JOINT AT EXISTING CONCRETE
- FUTURE IMPROVEMENTS (BY OTHERS)
- PROPOSED HANDRAIL. SEE NOTE 4.
- NOT USED
- EX. CONCRETE SLAB TOP
- STANDARD KYTC SIDEWALK RAMP
- MATCH EXISTING CURB
- PROVIDE SMOOTH EDGE AT PAVERS EDGE; MATCH COURSING; SAWCUT AS NECESSARY
- INTEGRAL CURB/WALK
- STANDARD HEADER CURB
- DEPRESSED CURB AT DRIVE. TRANSITION TO VERTICAL CURB IN 3'
- APPROXIMATE LOCATION OF PROPOSED WATER'S EDGE
- 10' TAPER TO TRANSITION TO EXISTING
- DEBRIS DIVERTER. SEE SHEET S106. (BID ALTERNATE)
- SANDSTONE PLINTH. SEE DETAILS ON C702 AND S507.
- NO PARKING SIGN
- RELOCATED SD1 CSO SIGN
- PROPOSED CROSSWALK STRIPING

**LEGEND**

- REFER TO PAVEMENT SECTION DETAILS ON SHEET C700.
- DARK GRAY CONCRETE PAVEMENT
  - TAN CONCRETE PAVEMENT WITH TAN AGGREGATE AND EXPOSED AGGREGATE FINISH
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  - COBBLESTONE PAVERS
  - ASPHALT PAVEMENT
  - BULKHEAD. SEE S-SERIES SHEETS FOR DETAILS.

N

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GRAPHIC SCALE IN FEET



NO.	DATE	REVISION

PROJECT No: 73558  
 DATE: 2/5/16  
 DES: DML  
 DR: DML  
 CKD: MAT

4454 Idea Center Blvd  
 Dayton, Ohio 45430  
 937.461.5660  
 FAX: 937.461.0743

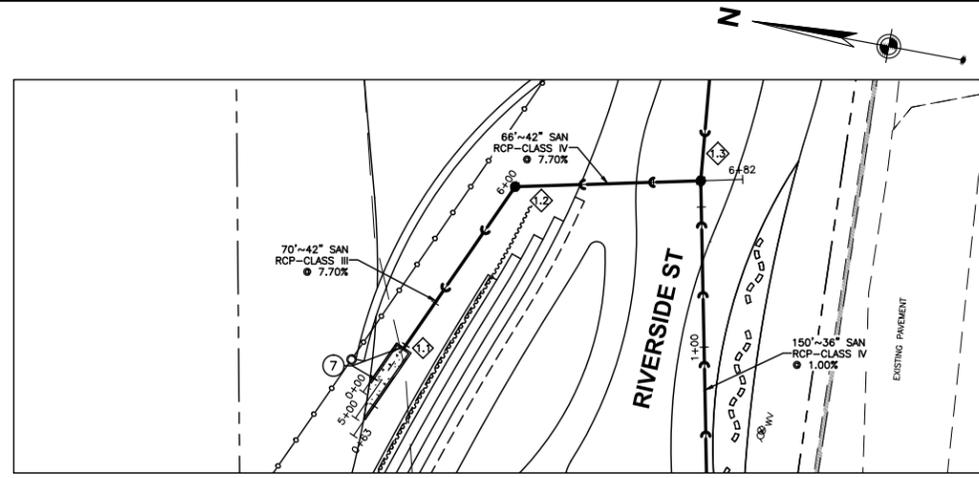
**WOOLPERT**

**COVINGTON RIVERFRONT COMMONS**  
**PHASE 1 - PLAZA DESIGN**  
 CITY OF COVINGTON  
 KENTON COUNTY, KENTUCKY

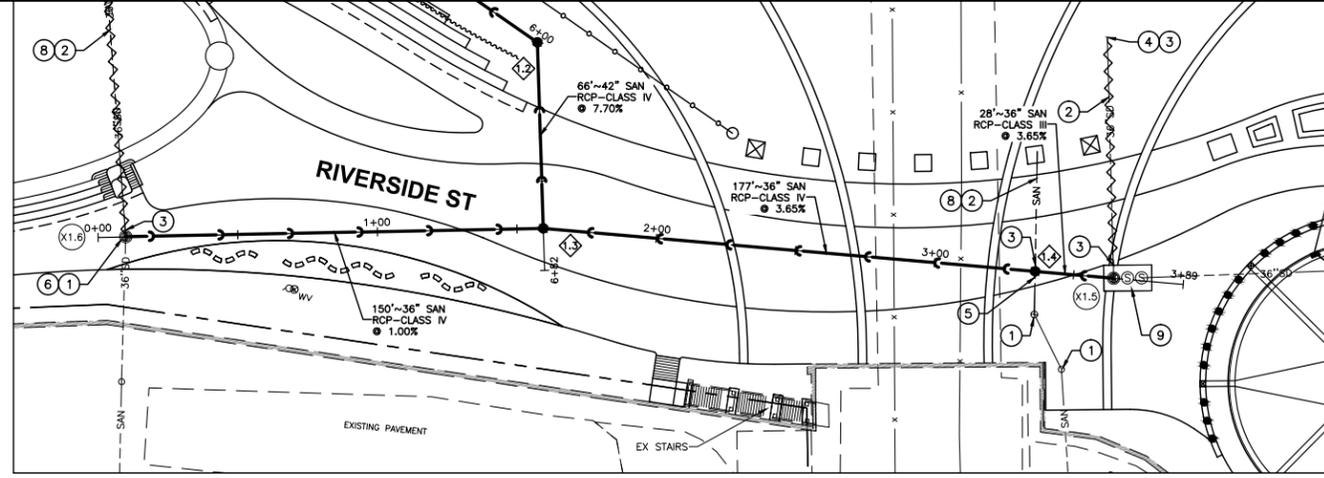
**SITE PLAN**

SHEET NO. **C200**

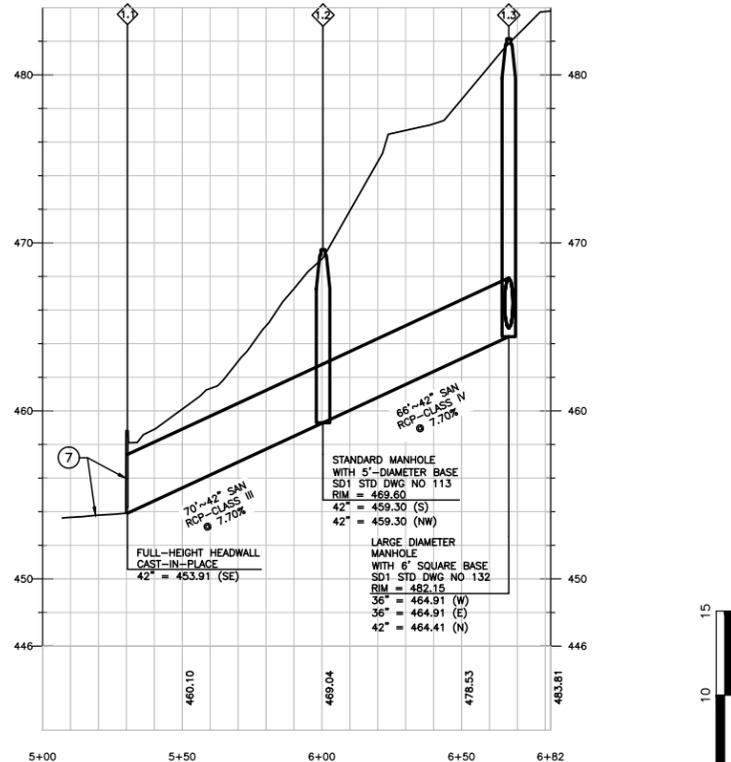
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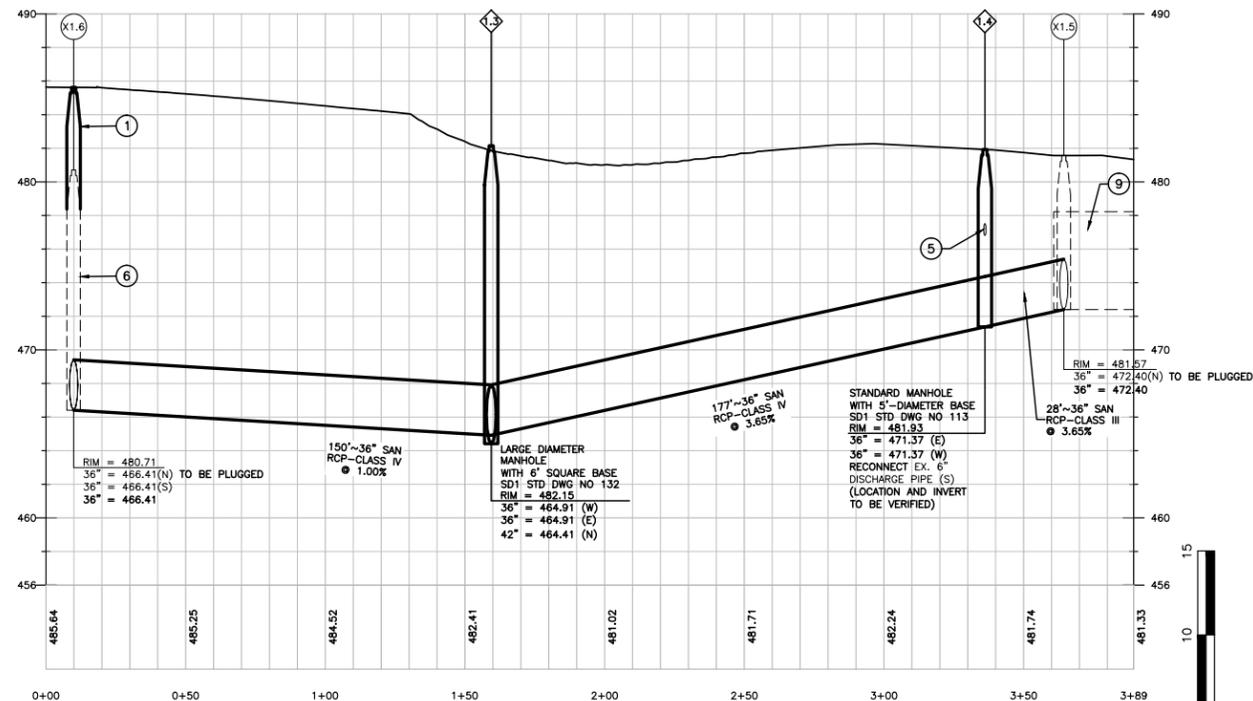
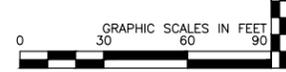
RELOCATED COMBINED SEWER - NORTH/SOUTH - PLAN VIEW



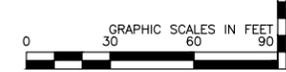
RELOCATED COMBINED SEWER - WEST/EAST - PLAN VIEW



RELOCATED COMBINED SEWER - NORTH/SOUTH - PROFILE VIEW



RELOCATED COMBINED SEWER - WEST/EAST - PROFILE VIEW



**NOTES**

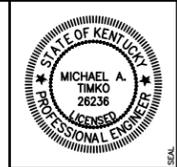
- REFER TO SHEET C002 FOR GENERAL, LAYOUT AND PAVING NOTES.
- ALL PIPING SHALL BE REINFORCED CONCRETE PIPE.
- EACH MANHOLE SHALL HAVE A WATERTIGHT FRAME AND COVER PER SD1 REQUIREMENTS DRAWING NO. 128.
- REFER TO SHEET C411 FOR CONSTRUCTION DETAILS.

**(X) KEYNOTES**

- ADJUST UTILITY STRUCTURE TO FINISHED GRADE.
- ABANDON EXISTING PIPING PER SD1 REQUIREMENTS.
- PLUG EXISTING PIPE OPENING (TO BE ABANDONED) AT MANHOLE PER SD1 REQUIREMENTS.
- REMOVE EXISTING HEADWALL STRUCTURE AND CONCRETE CHANNEL.
- CONNECT EXISTING COURT STREET PUMP STATION DISCHARGE PIPE TO PROPOSED MANHOLE. CONTRACTOR TO VERIFY LOCATION OF DISCHARGE PIPE.
- REPLACE EXISTING MANHOLE STRUCTURE IF ITS CONDITION WARRANTS IT, OR AS REQUIRED, TO ACCOMMODATE PROPOSED PIPING.
- FULL-HEIGHT CAST-IN-PLACE CONCRETE (4,000 PSI) WALL AND CHANNEL. SEE SHEET C411 FOR DETAIL. INSTALL PLASTI-FAB 48\"/>

**LEGEND**

12\"/>SD	STORM SEWER		CATCH BASIN
	FOUNDATION DRAIN/UNDERDRAIN		CURB INLET
8\"/>SAN	SANITARY SEWER		AREA DRAIN
6\"/>SAN	SANITARY SERVICE		ENDWALL
12\"/>WTR	WATER MAIN		CLEANOUT
	GAS		MANHOLE
	UT		FIRE HYDRANT
	UE		WATER VALVE
	HVE		PROPOSED STORM I.D.
	F		PROPOSED SANITARY I.D.
	ABANDONED UTILITY LINE		PROPOSED WATER I.D.



NO.	DATE	REVISION

PROJECT No:	73558
DATE	2/5/16
DES.	DML
DR.	DML
CKD.	MAT

4454 Idea Center Blvd  
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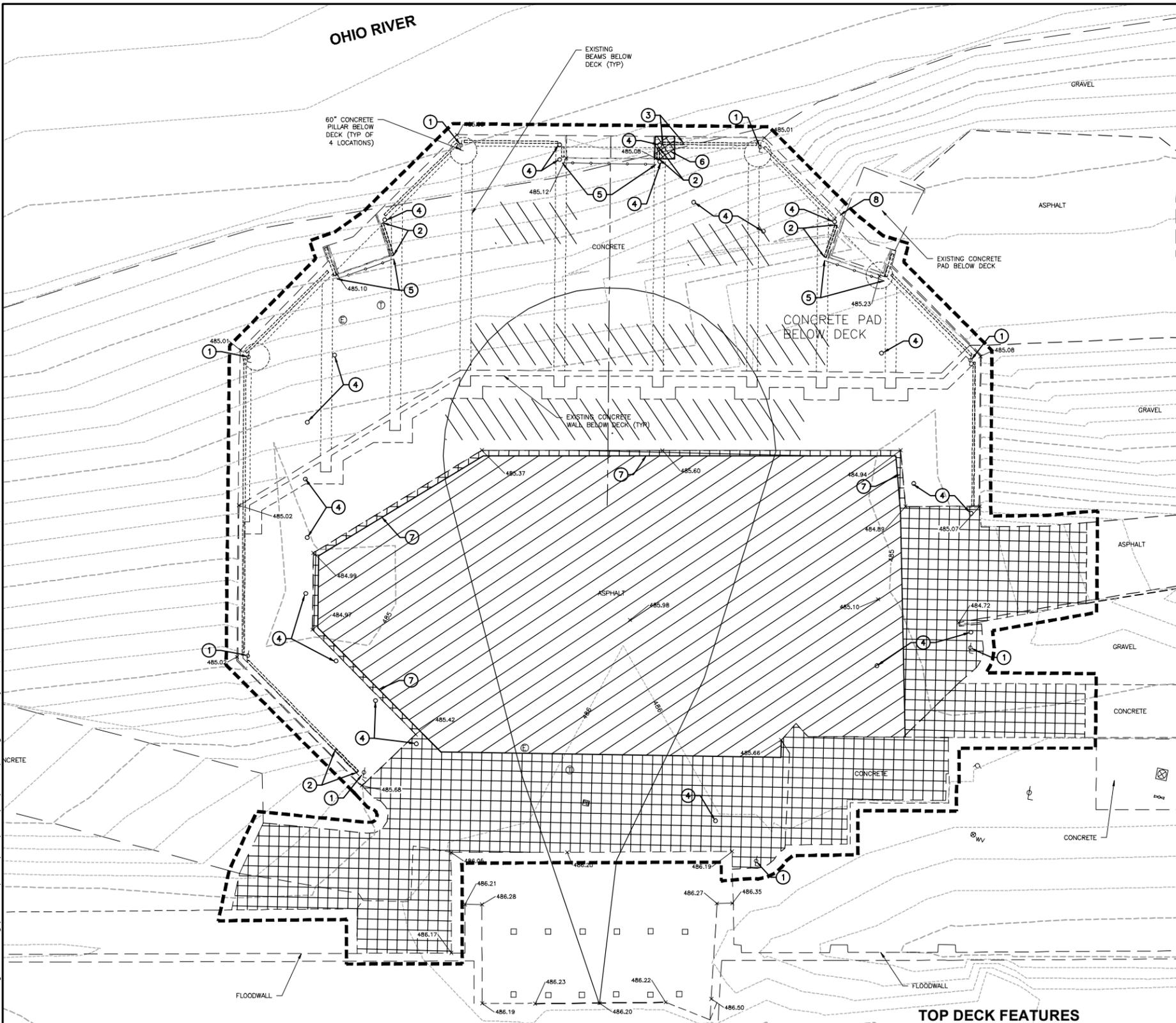
**COVINGTON RIVERFRONT COMMONS**  
**PHASE 1 - PLAZA DESIGN**  
 CITY OF COVINGTON  
 KENTON COUNTY, KENTUCKY

**COMBINED SEWER RELOCATION PLAN--PROFILE**

SHEET NO.  
**C410**



Layout Tab Name: C100 EXISTING CONDITIONS-DEMOLITION PLAN, Images: Xrefs: 73406-x.dwg; 73406tbl.dwg; 73406-p.dwg  
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**DEMOLITION/CLEARING NOTES**

- ANY MATERIALS SCHEDULED FOR DEMOLITION SHALL BE REMOVED ENTIRELY BY THE CONTRACTOR TO AN APPROVED PERMITTED LANDFILL. PROVIDE CLEAN, NEAT, TRUE-TO-LINE SAWCUT AT LIMITS OF EXISTING PAVEMENT REMOVAL.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR RESTORING TO EXISTING CONDITIONS ANY DAMAGE DONE TO EXISTING UTILITIES THAT ARE TO REMAIN IN USE, WHETHER SHOWN ON THE PLANS OR NOT.
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE GOVERNING AGENCIES AND UTILITY COMPANIES AT LEAST 72 HOURS PRIOR TO UTILITY SHUTOFF AND/OR REMOVAL.
- UTILITY TRENCHES SHALL BE BACKFILLED AND COMPACTED WITH SUITABLE FILL MATERIAL IN CONFORMANCE WITH CITY OF COVINGTON REQUIREMENTS.
- THE REMOVAL AND DEMOLITION OF EXISTING FACILITIES ARE THE CONTRACTOR'S RESPONSIBILITY.
- CONTRACTOR SHALL REMOVE FROM THE SITE AND DISPOSE OF LEGALLY, ANY AND ALL MATERIALS AND DEBRIS WHICH RESULT FROM CONSTRUCTION OPERATIONS, AT NO ADDITIONAL EXPENSE TO THE OWNER. ALL REMOVED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR AND GRUB THE PROJECT SITE WITHIN THE BOUNDARIES AS SPECIFICALLY DEPICTED ON THE PLANS. AT NO TIME SHALL THE CONTRACTOR PERFORM ANY CLEARING AND GRUBBING OUTSIDE OF THE DESIGNATED PROJECT BOUNDARIES.
- CONTRACTOR SHALL PREVENT THE SPREAD OF DUST AND DEBRIS AND AVOID THE CREATION OF A NUISANCE OR HAZARD IN THE SURROUNDING AREA. WATER SHALL NOT BE USED IF IT RESULTS IN HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS, BUT NOT LIMITED TO, ICE, FLOODING, OR POLLUTION. CONTRACTOR SHALL VACUUM AND DUST THE WORK AREA AS NECESSARY.
- WHERE PEDESTRIAN AND DRIVER SAFETY IS ENDANGERED IN THE AREA OF REMOVAL WORK, USE TRAFFIC BARRICADES WITH FLASHING LIGHTS. NOTIFY THE GOVERNING AUTHORITY PRIOR TO BEGINNING SUCH WORK.
- BEFORE BEGINNING ANY DEMOLITION WORK, THE CONTRACTOR SHALL SURVEY THE SITE AND EXAMINE THE DRAWINGS TO DETERMINE THE EXTENT OF THE WORK. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING ITEMS TO REMAIN IN PLACE OR TO BE REUSED. DAMAGED ITEMS SHALL BE REPAIRED OR REPLACED AS APPROVED BY THE GOVERNING AUTHORITY.
- REMOVE ALL SIGNAGE, CONCRETE BLOCKS AND TRASH RECEPTACLES WITHIN LIMITS OF CONSTRUCTION.
- ALL ITEMS REMOVED, INCLUDING BOLLARDS, CHAIN LINK FENCE, CONCRETE BLOCKS, LIGHT POLES, TRASH RECEPTACLES AND UNUSED PIECES OF RAILING SHALL BE RETURNED TO THE CITY OF COVINGTON.
- CONTRACTOR SHALL KEEP ADJACENT PRIVATE AND PUBLIC ROADWAYS CLEAR OF DEBRIS AND SEDIMENT. IF IT BECOMES NECESSARY, CONTRACTOR SHALL PROVIDE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES TO ENSURE ADJACENT AREAS REMAIN FREE OF SEDIMENT. EROSION CONTROL MEASURES SHALL BE IN COMPLIANCE WITH THE KENTUCKY DEPARTMENT FOR ENVIRONMENTAL PROTECTION (DEP), NPDES GENERAL PERMIT, AND THESE PLANS.
- CONCRETE GRIND AND REPAIR METHODOLOGY:
  - GRIND NOTED AREAS A MINIMUM DEPTH OF 1.5" TO EXPOSE DETERIORATED REINFORCING. ADDITIONAL AREAS BEYOND WHAT IS NOTED MAY REQUIRE GRINDING. COORDINATE AND VERIFY WITH OWNER AND ENGINEER.
  - PERFORM STEEL REPAIRS, APPLY STEEL SEALANT, APPLY CONCRETE BONDING AGENT.
  - APPLY HIGH PERFORMANCE CONCRETE PATCH OVER AREAS DISTURBED. NEW CONCRETE SHALL BE FLUSH WITH EXISTING CONCRETE DECK.
- FULL DEPTH PAVEMENT/WALK REMOVAL:
  - REMOVE PAVEMENT/WALK TO SUBGRADE IN NOTED AREAS.
  - CUT/FILL SUBGRADE AS REQUIRED AND RECOMPACT TO MEET PROPOSED PAVEMENT SUBGRADE ELEVATION.
- EXISTING ASPHALT SCARIFICATION:
  - GRIND ASPHALT SUCH THAT ELEVATION IS AT LEAST 5" (0.42') BELOW FINISH GRADE.
  - THE REMAINING ASPHALT SHALL PROOF ROLLED TO CHECK SUBGRADE COMPACTION. DAMAGED OR AREAS OF PUMPING SHALL BE REMOVED, RECOMPACTED, AND BACKFILLED WITH STONE AND/OR ASPHALT.
- PROPOSED CONCRETE PAVEMENT OVERLAY:
  - APPLY CONCRETE BONDING AGENT TO EXISTING REMAINING PAVEMENT.
  - APPLY HIGH PERFORMANCE CONCRETE OVERLAY PER CONCRETE SEQUENCING NOTED ON SHEET C201.

**KEY NOTES** (X)

- REMOVE LIGHT POLE.
- REMOVE FULL SPAN OF RAILING (INCLUDING BOTH POSTS AND BASE PLATES) FOR REUSE.
- REMOVE PARTIAL SPAN OF RAILING (INCLUDING SINGLE POST AND BASE PLATE) TO LIMITS OF PROPOSED RECESS FOR REUSE.
- REMOVE BOLLARD.
- REMOVE CHAIN LINK FENCE.
- RAMP LANDING DESIGNED BY OTHERS PER OWNER'S DIRECTION.
- 1'-WIDE AREA OF FULL DEPTH PAVEMENT REMOVAL ALONG CONCRETE EDGE FOR PROPOSED UNDERDRAIN PLACEMENT.
- CONTRACTOR TO LOCATE AND REMOUNT EXISTING WATER SPIGOT TO SIDE OF EXISTING LANDING.

**EXISTING LEGEND**

	LIGHT POLE		ELECTRIC MANHOLE
	WATER VALVE		TELEPHONE MANHOLE
	FIRE HYDRANT		PULL BOX
	WATER METER		POST/BOLLARD
	WATER SPIGOT		UTILITY MARKER
	12"SD		STORM SEWER W/SIZE INDICATED
	8"SAN		SANITARY SEWER W/SIZE INDICATED
	12"WTR		WATER MAIN W/SIZE INDICATED
	G		GAS MAIN
	UE		UNDERGROUND ELECTRIC
	OE		OVERHEAD ELECTRIC
	UT		UNDERGROUND TELEPHONE
	FENCE		FENCE
	INDEX CONTOURS		INDEX CONTOURS
	INTERMEDIATE CONTOURS		INTERMEDIATE CONTOURS

**DEMOLITION LEGEND**

	CONCRETE GRIND AND REPAIR (SEE NOTE 14)
	FULL DEPTH PAVEMENT/WALK REMOVAL (SEE NOTE 15)
	EXISTING ASPHALT SCARIFICATION (SEE NOTE 16)
	LIMITS OF CONSTRUCTION

**TOP DECK FEATURES**

NOTE: ONLY TOP OF DECK ELEVATIONS SHOWN ON THIS VIEW.

**EXISTING RAILING SEQUENCING NOTES**

- REMOVE AND DISPOSE OF STEEL WIRE AT BOTTOM OF EXISTING RAILING SYSTEM. REMOVE EYE BOLTS (WHICH HELD STEEL WIRE) FROM ALL RAILING POSTS. SAND AND SMOOTH POSTS AT THESE LOCATIONS.
- INSTALL VERTICAL SPINDLES AT LOCATIONS WHERE THERE IS A HORIZONTAL OPENING GREATER THAN 4". PROPOSED SPINDLES SHALL MATCH EXISTING SIZE AND SHAPE.
- AT LIGHT POLE LOCATIONS, EXTEND TOP AND BOTTOM HORIZONTAL RAILINGS AS NECESSARY TO PROVIDE A MINIMUM 4" OPENING FROM THE PROPOSED LIGHT POLE. REUSE ANGLED VERTICAL PIECE AS A STRAIGHT VERTICAL SPINDLE AT THE END OF THE RAILING. ADD INTERMEDIATE VERTICAL SPINDLES AS NECESSARY TO MEET MAXIMUM 4" OPENING REQUIREMENT.
- SANDBLAST AND REPAINT RAILINGS IN THEIR ENTIRETY.

**RELOCATED RAILING SEQUENCING NOTES**

- REMOVE SPANS OF RAILING IDENTIFIED TO BE REMOVED AND REUSED. CHIP LOOSE AND CLEAN CONCRETE AT REMOVAL LOCATION. REPAIR CONCRETE AS NECESSARY TO BRING SURFACE TO SUBGRADE ELEVATION OF PROPOSED 5" CONCRETE LAYER. RAILING BASE PLATES SHALL BE SALVAGED AND REUSED.
- PLACE ANCHOR BOLTS FOR RELOCATED RAILING SPANS PRIOR PROPOSED CONCRETE POUR.
- INSTALL RAILING TO MATCH HEIGHT OF ADJACENT EXISTING RAILINGS.

**FABRICATED RAILING SEQUENCING NOTES**

- FABRICATED RAILINGS SHALL MATCH EXISTING AND SHALL INCLUDE THE ADDITIONAL VERTICAL SPINDLES NECESSARY TO MEET THE MAXIMUM 4" OPENING REQUIREMENT.
- FABRICATED RAILINGS SHALL HAVE BASE PLATES ADEQUATE TO SECURE THE RAILING TO THE CONCRETE.
- FABRICATED RAILINGS SHALL BE INSTALLED TO MATCH ADJACENT RAILING HEIGHT.
- ANCHOR BOLTS FOR SECURING FABRICATED RAILINGS SHALL BE PLACED PRIOR TO CONCRETE POUR.

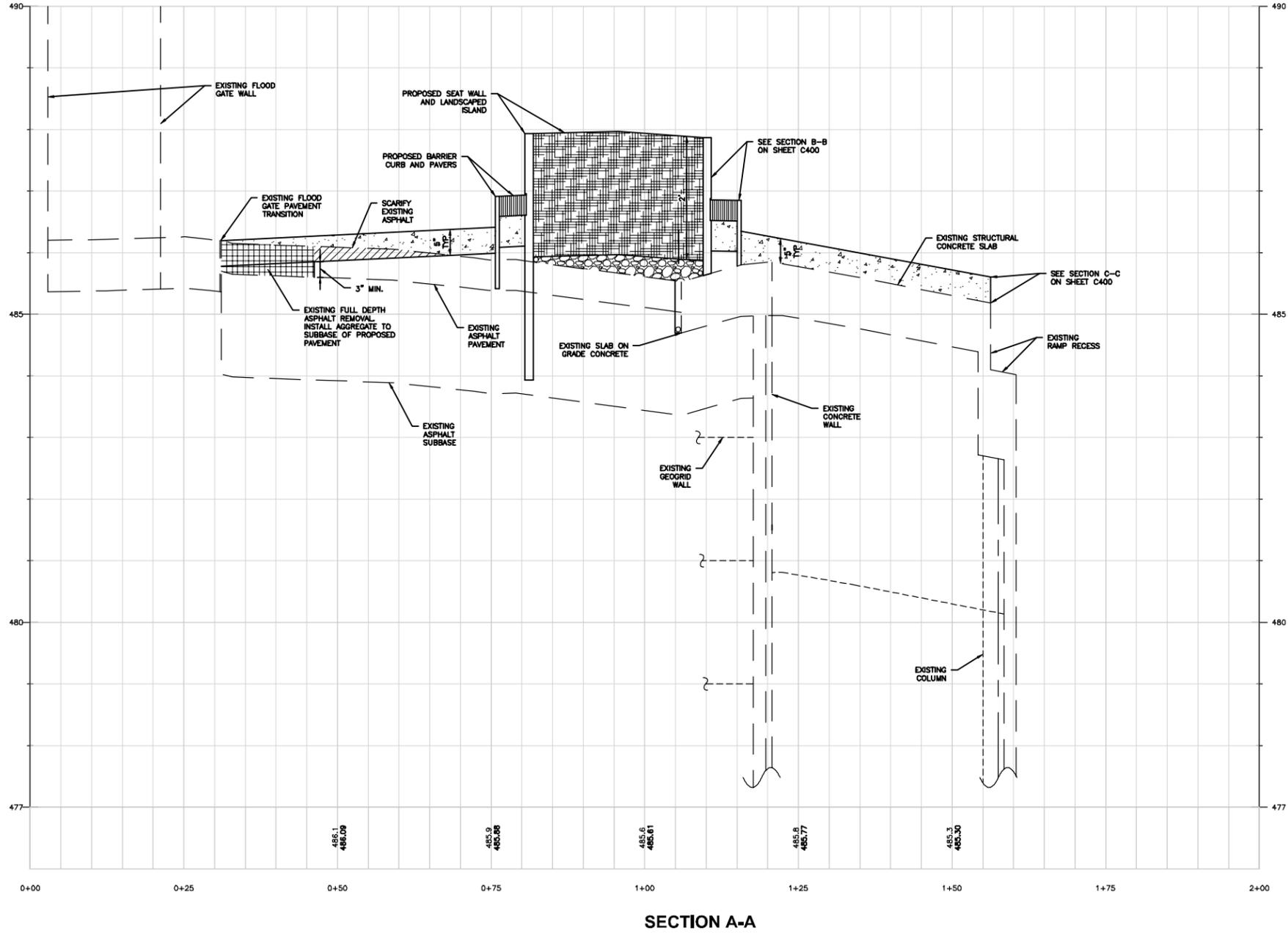
**LIGHT POLE SEQUENCING NOTES**

- REMOVE EXISTING LIGHT POLES. GRIND EXISTING BOLTS DOWN TO SUBGRADE ELEVATION OF PROPOSED 5" CONCRETE LAYER.
- ADJUST EXISTING ELECTRIC AS NECESSARY FOR PROPOSED LIGHT POLE INSTALLATION. (ENSURE THAT CURRENT CONDUIT LAYOUT IS ADEQUATE FOR PROPOSED LIGHT POLE STYLE, LAYOUT AND CONFIGURATION (BY OTHERS).)
- PLACE ANCHOR BOLTS FOR SECURING LIGHT POLES PRIOR TO CONCRETE POUR.

PROJECT No: 73406	REVISION	DATE	DES.	DR.	CKD.
	No.				
DATE 10/25/13					
9887 Carver Road Suite 450 Cincinnati, OH 45242 513.272.8300 513.272.8301 <b>WOOLPERT</b> <small>Quality Commercial Infrastructure</small>					
<b>WATERFRONT AT COVINGTON LANDING</b> <b>CORPOREX</b> CITY OF COVINGTON KENTON COUNTY, KENTUCKY					
<b>EXISTING CONDITIONS-DEMOLITION PLAN</b>					
SHEET NO. <b>C100</b>					



Layout, Tab Name: C310 MADISON LANDING SECTION, Images: , Xrefs: 73406-x.dwg; 73406-p.dwg; 73406-b.dwg; 73406-g.dwg; 73558-p-plaza.dwg  
 last saved By: jerming, 10/25/2013 12:03:53 PM  
 C:\DE\clients\Covington, City of\73406 Waterfront at Covington Landing\4.0 Disciplines\Civil\Cadd\Cad\73406grad.dwg Plotted By: Wilson, Janet Plotted: October 30, 2013, 5:22:25 PM



GRAPHIC SCALES IN FEET  
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SHEET NO.

**C310**

**WATERFRONT AT COVINGTON LANDING  
 CORPOREX**  
 CITY OF COVINGTON  
 KENTON COUNTY, KENTUCKY

**MADISON LANDING SECTION**

**WOOLPERT**  
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