



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

Public Notice

Public Notice No.
LRL-2014-927

Open Date:
4 Mar 2015

Close Date:
3 Apr 2015

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:

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.

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 must apply for State certification 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 are available on Louisville District's Internet site at <http://www.lrl.usace.army.mil/Missions/Regulatory.aspx>. All comments regarding this proposal should be addressed to Pam Loeffler, CELRL-OP-FS at the address noted above and should refer to the Public Notice Number LRL-2014-927-pjl. Please note, additional construction plan sheets are also available upon request by writing to the above address, or via email identified below.

Operations Division
Regulatory Branch (South)
Public Notice No. LRL-2014-927-pjl

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-2014-927-pjl.

Example:

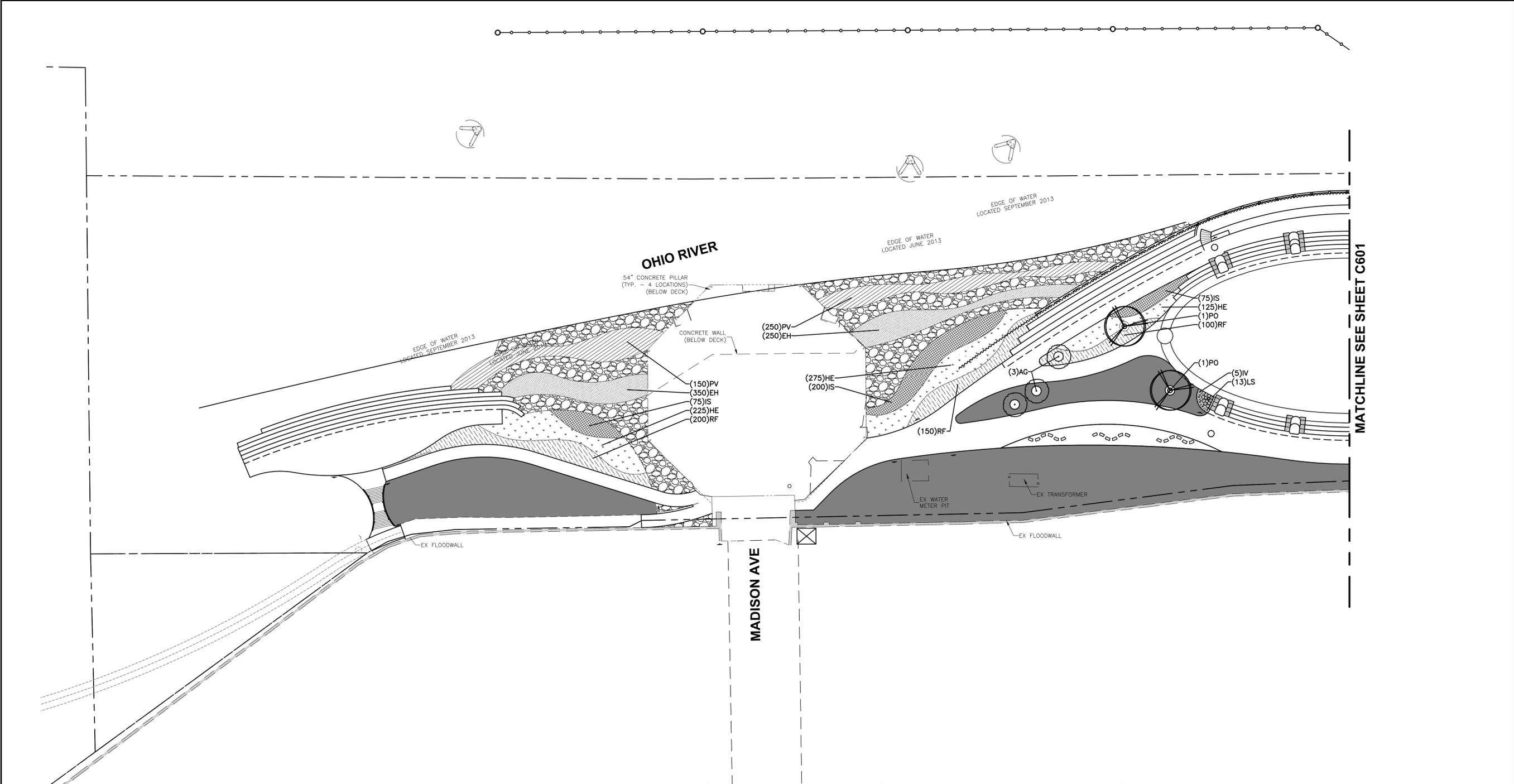
Subject: LRL-2014-927-pjl.

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: C600 LANDSCAPE PLAN, Images: , Xrefs: 73558-x-gis.dwg; 73558-p-plaza.dwg; 73558-x.dwg; 73558-tbk-pl.dwg; 73558-landnotes-pl.dwg; 73558-p-ww.dwg; 73558-lan-pl-ref.dwg; MIKE TMKO - KENTUCKY.dwg
 Last Saved By: jrlennig, 1/12/2015 2:12:18 PM
 G:\DE\Clients\Covington, City of\073558 Covington Riverfront Commons Phase 1\4.0 Disciplines\Civil\Cad\C60-Plaza\73558-lan1-pl.dwg, Plotted By: Timko, Mike, Plotted: January 22, 2015, 10:23:53 AM

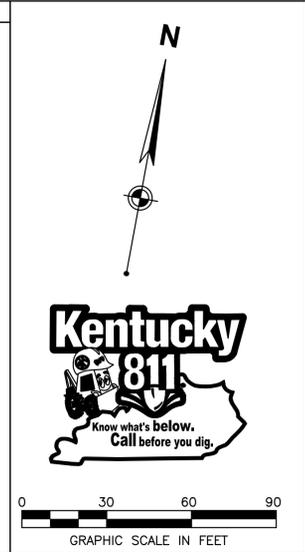


- NOTES**
- ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL.
 - ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
 - ALL PLANT MATERIAL SHALL BE CONTAINER GROWN OR BALLED AND BUR LAPPED AS INDICATED IN THE PLANT LIST.
 - ALL TREES SHALL HAVE A STRAIGHT TRUNK AND FULL HEAD.
 - ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
 - ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
 - ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED.
 - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR 1) TO VERIFY THE LOCATIONS OF UTILITY LINES AND ADJACENT TO THE WORK AREA 2) TO PROTECT OF ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD 3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION BETWEEN DELIVERY AND PLANTING PER SPECIFICATIONS TO MAINTAIN HEALTHY PLANT CONDITIONS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) ALL OF THE PLANT MATERIALS AND LAWN UNTIL SUBSTANTIAL COMPLETION.
 - ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED (PRIOR TO SUBSTANTIAL COMPLETION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
 - THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR FROM SUBSTANTIAL COMPLETION. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
 - AFTER BEING DUG AT THE NURSERY SOURCE, ALL TREES IN LEAF SHALL BE ACCLIMATED FOR TWO (2) WEEKS UNDER A MIST SYSTEM PRIOR TO INSTALLATION.
 - STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
 - WHERE SHOWN ON THE PLANS AND DETAILS, PLANTING BEDS ARE TO BE COMPLETELY COVERED WITH A HARDWOOD MULCH FROM A LOCAL SOURCE HARVESTED IN A SUSTAINABLE MANNER TO A MINIMUM DEPTH OF THREE INCHES.
 - ALL PLANT MATERIAL QUANTITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPACING SHOWN.
 - THE CONTRACTOR IS ENCOURAGED TO COMPLETE TEMPORARY OR PERMANENT SEEDING OR SODDING IN STAGES FOR SOIL STABILIZATION AS AREAS ARE COMPLETED AFTER GRADING.
 - ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE COVINGTON LANDSCAPE ORDINANCE.
 - SEE SHEET C602 FOR LANDSCAPE DETAILS AND PLANT SCHEDULE.
 - RIVER ROCK TO BE 18"-24" LIMESTONE BOULDERS. VOIDS TO BE FILLED WITH 3"-8" RIVER JACKS.

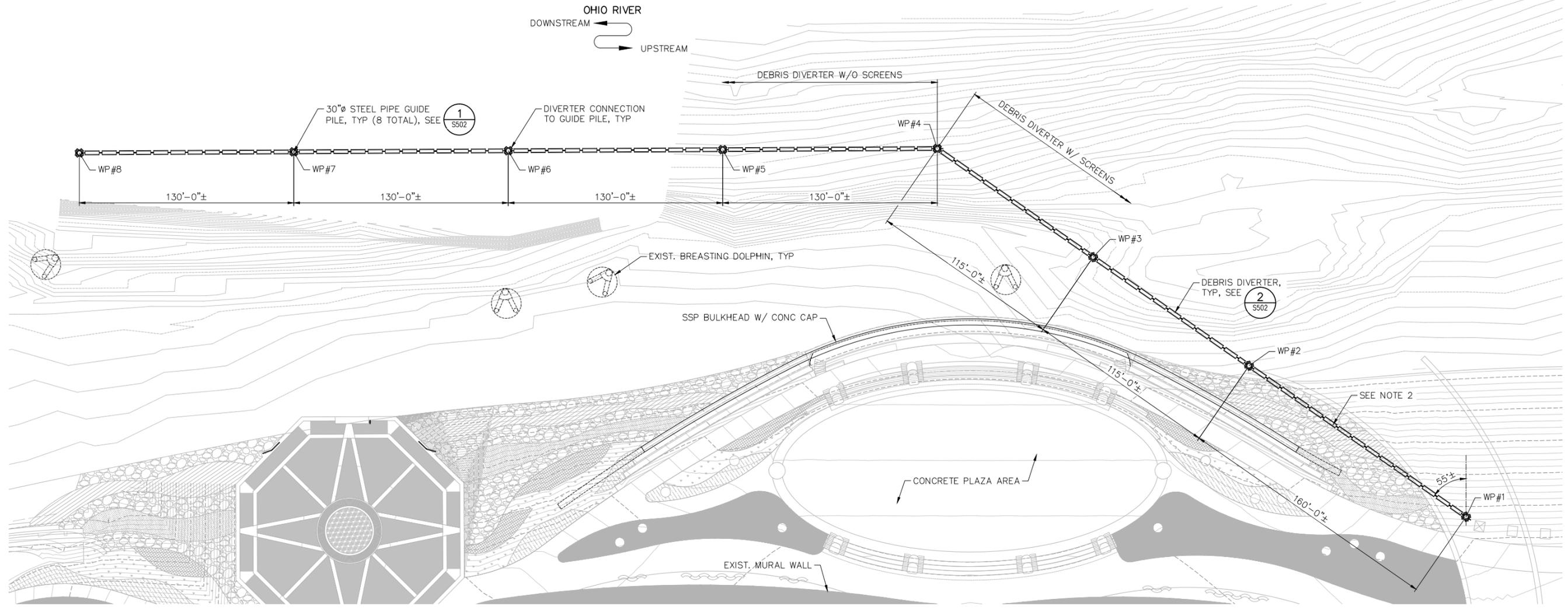
- SIGN NOTES**
- RIVERFRONT COMMONS / IDENTITY SIGN
 - HISTORIC / INTERPRETIVE SIGN
 - DIRECTIONAL / INFORMATION SIGN
 - KIOSK - INFORMATION, MAP, EVENTS
 - REGULATORY SIGN - PARKING, ETC.
 - SIGNATURE PAVEMENT MEDALLION
 - SPECIAL PATTERN IN COLORED PANEL
 - STANDARD PAVEMENT MEDALLION
 - BASIC PATTERN IN STANDARD WALKWAY

- LAWN AREA**
- PERMANENT SOD BLEND**
- 90% FINE LEAF FESCUE (FESTUCA ARUNDINACEA)
 REBEL, REBEL II, WRANGLER, BONANZA, MOJAVE OR EQUAL
 10% KENTUCKY BLUEGRASS (POA PRATENSIS)
 MIDNIGHT, RUGBY II, MIDIRON VARIETIES OR EQUAL
 98% PURITY AND 85% GERMINATION
 95% WEED FREE
- TEMPORARY SEEDING**
- 2# TALL FESCUE
 2# PERENNIAL RYEGRASS
 5# 12-12-12 FERTILIZER
 1 1/2 BALES OF STRAW PER 1000 SQUARE FEET

- LEGEND**
- SHADE TREE
- ORNAMENTAL TREE
- SHRUB/PERENNIAL
- RIVER ROCK (15,000 SF)
- LAWN AREA (30,000 SF)
- HEAVY METAL SWITCHGRASS (7,000 SF)
- HORSE TAIL REED (6,500 SF)
- ORANGE DAYLILY (4,400 SF)
- BLACK EYED SUSAN (3,400 SF)
- SIBERIAN IRIS (2,200 SF)

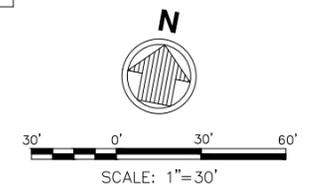


PROJECT No: 73558 DATE: 01/22/15 DES: --- DR: --- CKD: ---	No. _____ DATE _____ REVISION _____
	PROJECT No: 73558 DATE: 01/22/15 DES: --- DR: --- CKD: ---
9887 Carver Road Suite 450 Cincinnati, OH 45242 513.272.8300 FAX: 513.272.8301	
WOOLPERT DESIGN CONSULTING INFRASTRUCTURE	
COVINGTON RIVERFRONT COMMONS PHASE 1 - PLAZA DESIGN CITY OF COVINGTON KENTON COUNTY, KENTUCKY	
LANDSCAPE PLAN SHEET NO. C600	



- NOTES:**
1. WORK POINTS SHOWN ARE LOCATED AT THE CENTERLINE OF STEEL PIPE GUIDE PILES.
 2. THE SECTION OF DEBRIS DIVERTER BETWEEN WP#1 AND WP#2 WILL PRIMARILY LAY ONSHORE AT NORMAL POOL.
 3. DEBRIS DIVERTER SHALL BE LOG BOOM AS MANUFACTURED BY ARMORFLOAT OR EQUIVALENT ENGINEER APPROVED SYSTEM.

DEBRIS DIVERTER LAYOUT WORK POINTS		
WORK POINT	NORTHING	EASTING
1	579481.82	1566727.71
2	579547.43	1566581.78
3	579594.58	1566476.89
4	579641.74	1566372.00
5	579617.36	1566244.31
6	579592.97	1566116.62
7	579568.59	1565988.93
8	579544.20	1565861.23



PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

PROJECT No.	DATE	DES.	DR.	CKD.
73558	SEPT 2014	NEW	WBT	-

9887 Carver Road
Suite 450
Cincinnati, OH 45242
513.272.8300
FAX: 513.272.8301

WOOLPERT
DESIGN | CONSULTING | INFRASTRUCTURE

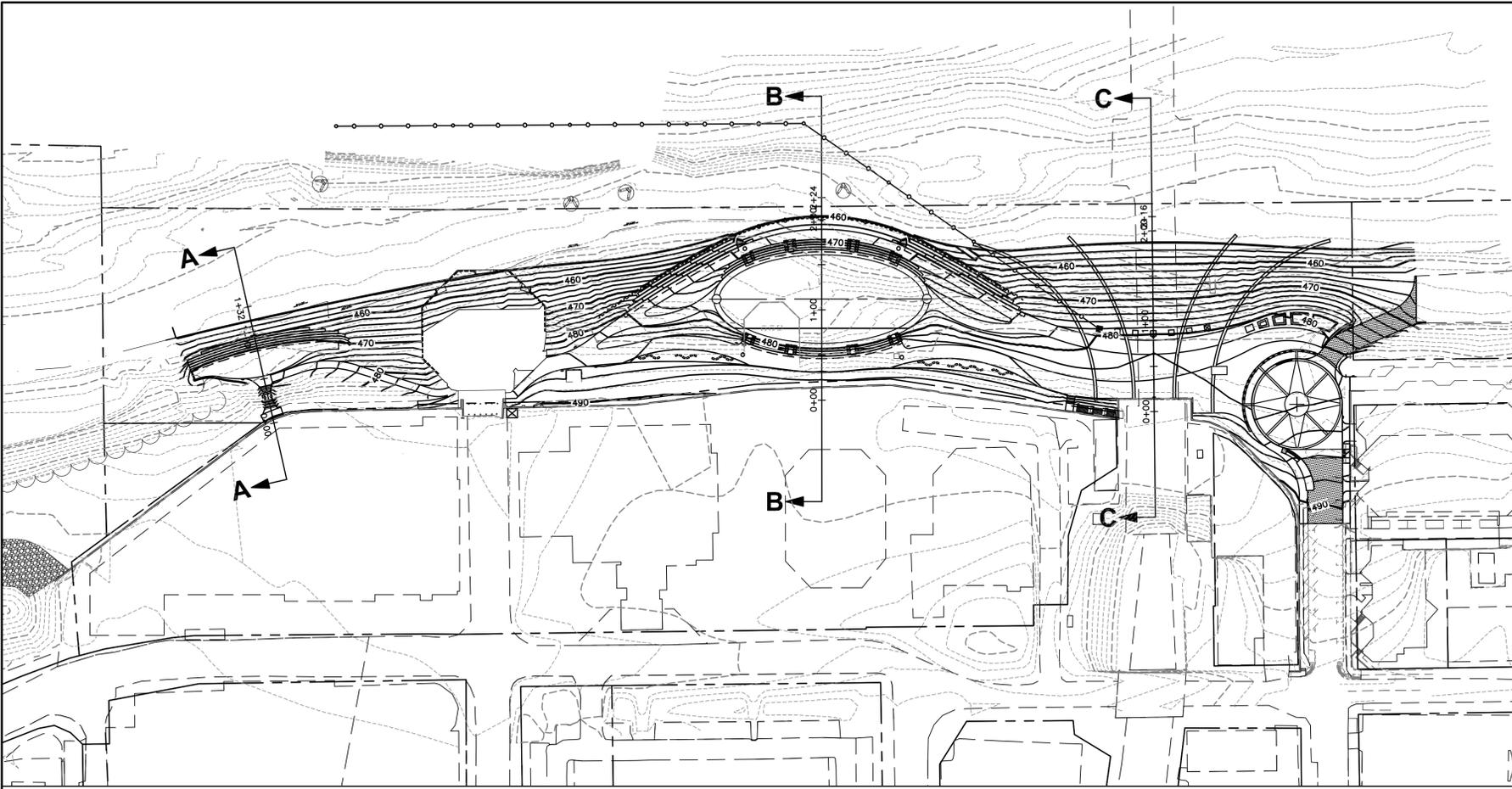
**COVINGTON RIVERFRONT COMMONS
PHASE 1 - PLAZA DESIGN**
CITY OF COVINGTON
KENTON COUNTY, KENTUCKY

DEBRIS DIVERTER PLAN

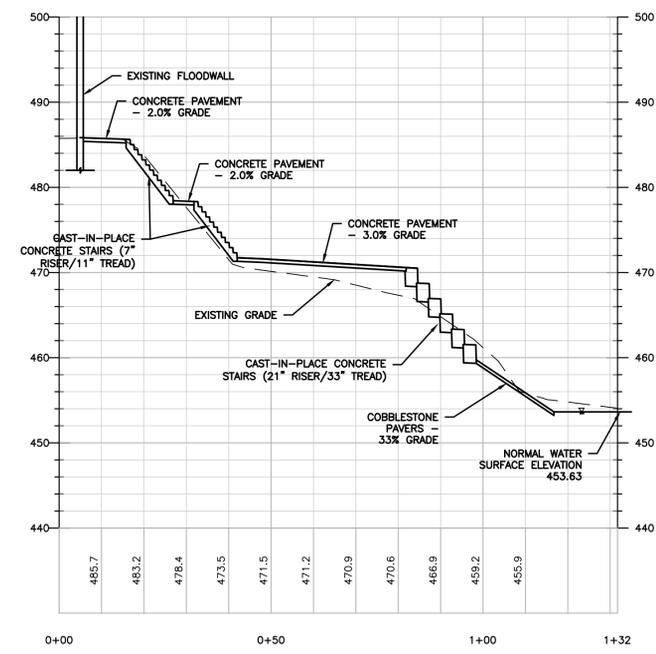
SHEET NO.
S106

File: P:\B2444\CADD\Submittals\Active\B244400-S106-Plottext: 9/19/2014 2:19 PM by TAFEEL, WILLIAM; Saved: 9/19/2014 9:24 AM by WTAFL

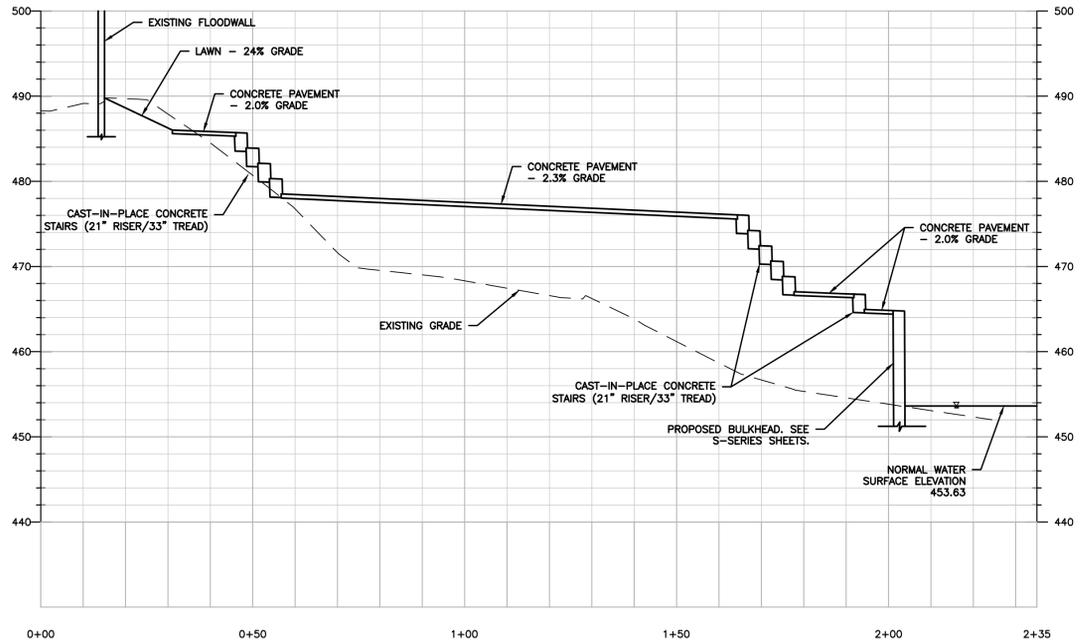
Layout Tab Name: C500 PLAZA CROSS SECTION, Images: . Xrefs: 73558-p-plaza.dwg; 73558-tbik-pl.dwg; 73558-x.dwg; 73558-x-gis.dwg; MIKE TIMKO - KENTUCKY.dwg
 Last Saved By: timko, 1/22/2015 1:49:29 PM
 G:\DE\Clients\Covington, City of\073558 Covington Riverfront Commons Phase 1\4.0 Disciplines\Civil\Cad\Cad-Plaza\73558-ase1-pl.dwg Plotted By: Timko, Mike Plotted January 22, 2015, 1:50:03 PM



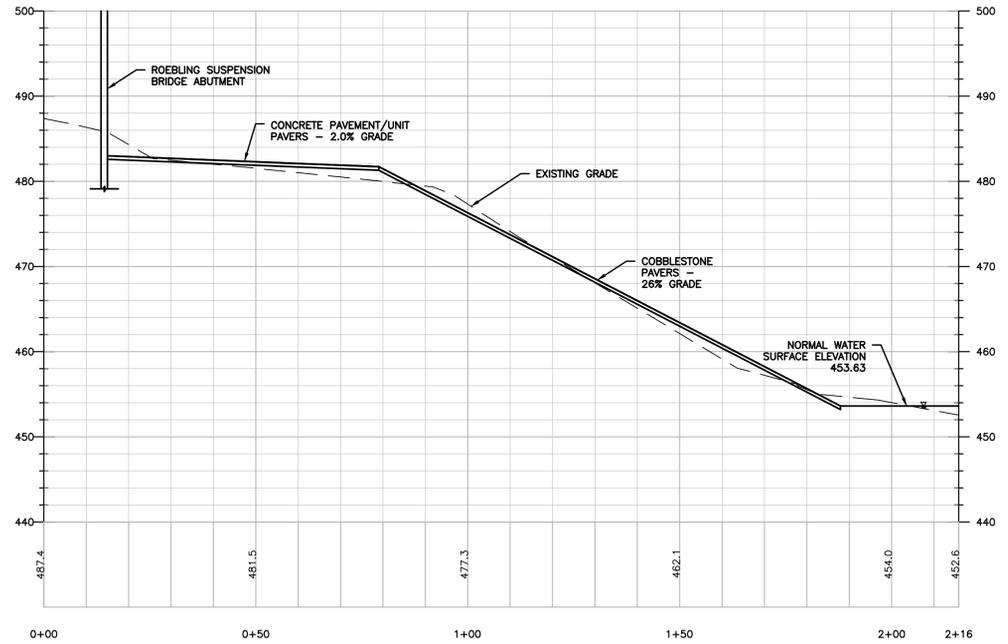
PLAN VIEW



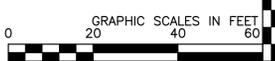
SECTION A-A



SECTION B-B



SECTION C-C



No.	DATE	REVISION

PROJECT No: 73558
 DATE 01/22/15
 DES. DIML
 DR. DIML
 CKD. MAT

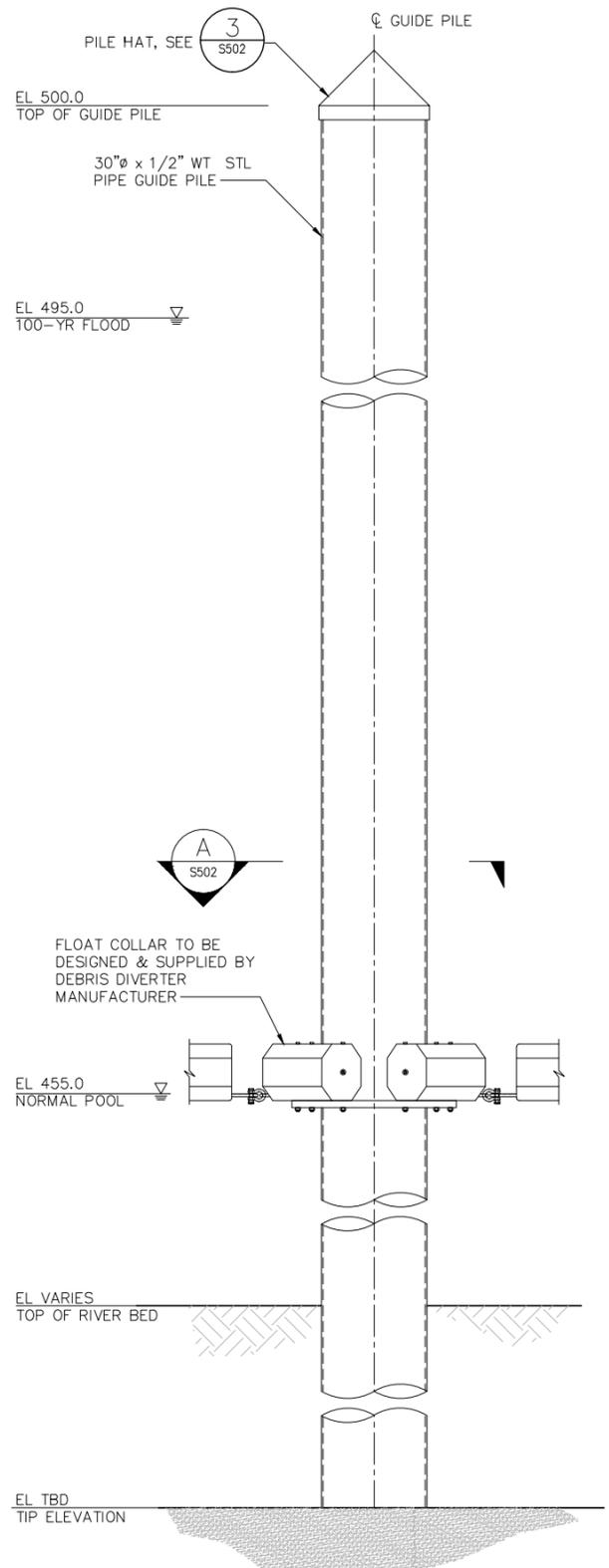
9887 Carver Road
 Suite 450
 Cincinnati, OH 45242
 513.272.8300
 513.272.8301
WOOLPERT
 DESIGN | CONSULTING | INFRASTRUCTURE

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

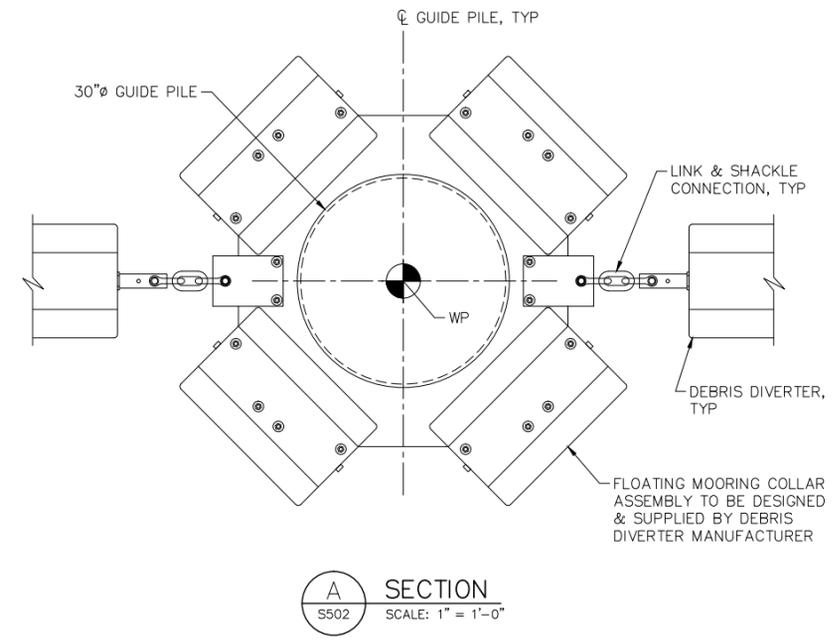
SHEET NO.

C500

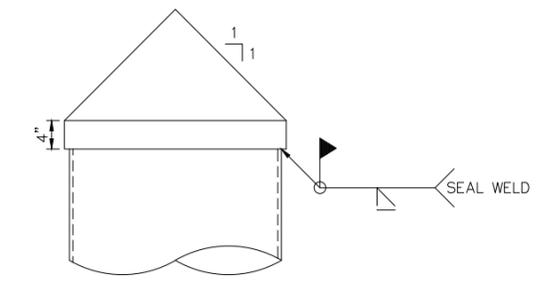
File: P:\B2444\CADD\Submittals\Active\B24400-S502-Plot.dwg; Plotted: 9/19/2014 2:19 PM by TAFEEL, WILLIAM; Saved: 9/18/2014 12:54 PM by WTAFEEL



1 GUIDE PILE DETAIL
S106 SCALE: 1/2" = 1'-0"

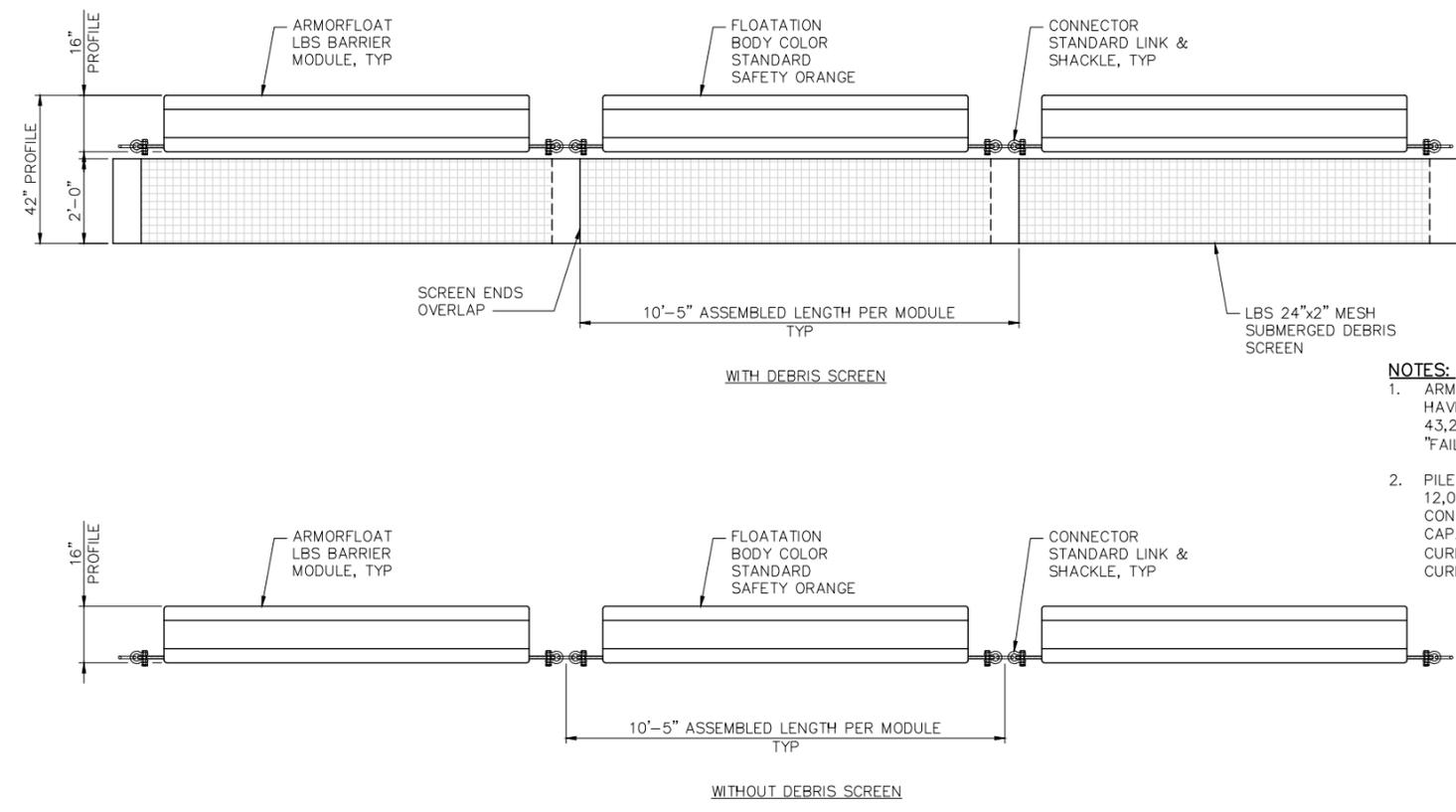


A SECTION
S502 SCALE: 1" = 1'-0"



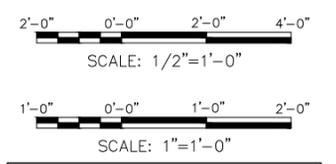
- NOTES:**
- 45' CONE PILE HAT SHALL BE CONSTRUCTED USING 3/16" THICK COATED STEEL PLATE. HAT SHALL FIT SNUGLY OVER THE TOP OF THE PILE.
 - SEAL WELD SHALL BE COATED PER SPECIFICATIONS.

3 PILE HAT DETAIL
S502 SCALE: 1" = 1'-0"



2 DEBRIS DIVERTER DETAILS
S106 SCALE: 1/2" = 1'-0"

- NOTES:**
- ARMORFLOAT LOG BOOM SYSTEM SHALL HAVE A CONNECTOR LOAD CAPACITY OF 43,200 LB AND INCLUDE SECONDARY "FAILSAFE" CONNECTORS.
 - PILES AND GUIDES ARE DESIGNED FOR 12,000 LB LOAD FROM DEBRIS DIVERTER. CONTRACTOR SHALL VERIFY LOAD CAPACITY ASSUMING DEBRIS AND CURRENT LOADS DURING A 5 FT/SEC CURRENT.



PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



PROJECT No.	DATE	DES.	DR.	CKD.
73558	SEPT 2014	DJJ	WBT	-

9887 Carver Road
Suite 450
Cincinnati, OH 45242
513.272.8300
FAX: 513.272.8301

WOOLPERT
DESIGN | CONSULTING | INFRASTRUCTURE

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

DEBRIS DIVERTER DETAILS

SHEET NO.
S502