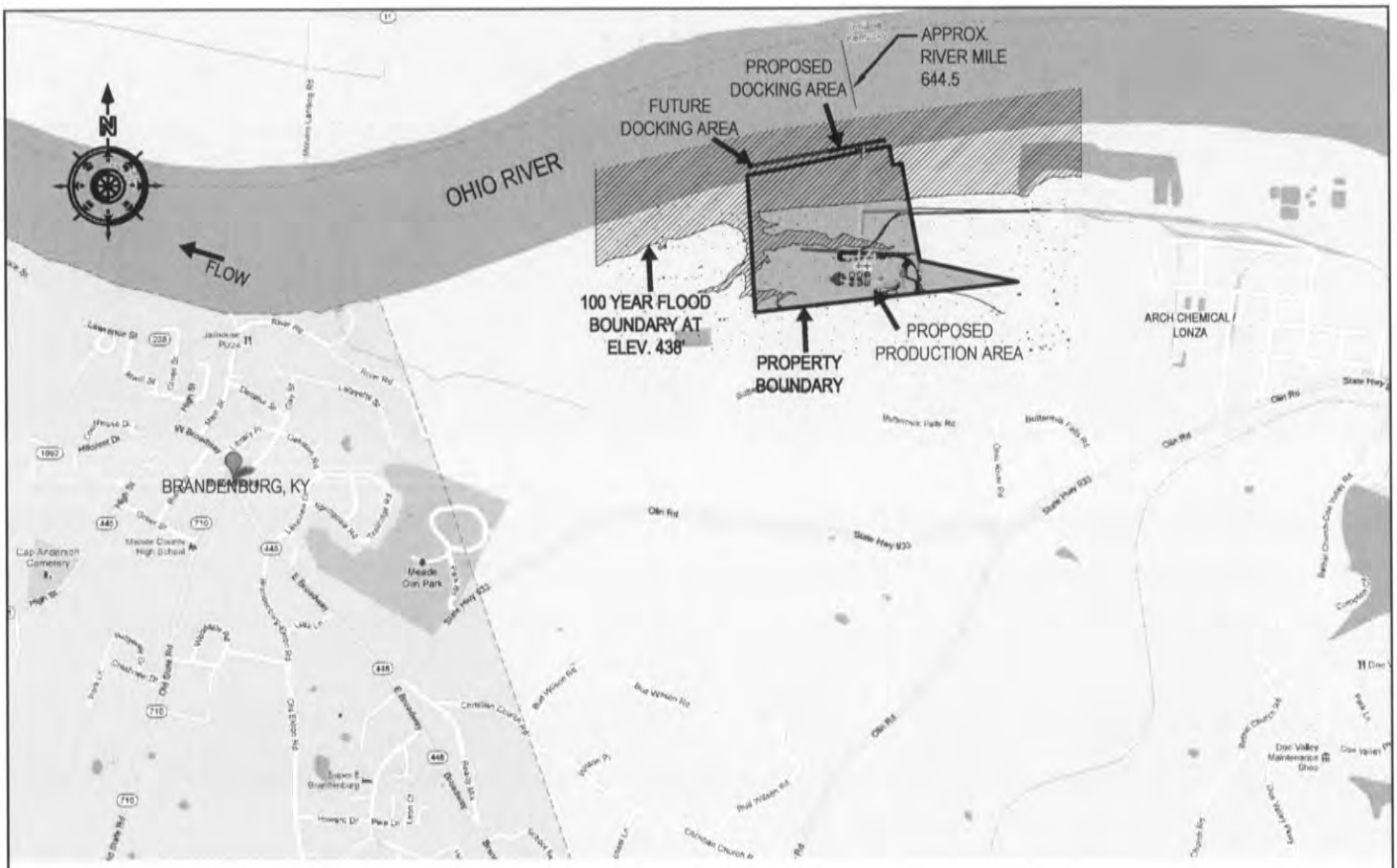

0 1200' 2400' 4800'

SCALE: 1" = 2400'

DIRECTIONS TO SITE

- FROM BRANDENBURG, TRAVEL EAST ON BROADWAY
- TURN LEFT ON OLIN RD., TRAVEL 2 MILES
- TURN LEFT ON RIVERPORT ACCESS RD (AKA RONNIE GREENWELL COMMERCE RD), TRAVEL 0.85 MILES
- SITE IS LOCATED ON THE RIGHT (NORTH) SIDE OF THE ROAD

GENERAL NOTES:

1. LAT: 38°00'22.80"N, LONG: 86°08'27.37"W
2. VICINITY MAP FROM GOOGLE MAPS.
3. PROPERTY SURVEY AND TOPOGRAPHIC INFORMATION PROVIDED BY OWNER, PERFORMED BY SMITH ENGINEERING AND LAND SURVEYING, INC. DATE 9-10-07. SURVEY ATTACHED.
4. 100 YEAR FLOOD ELEVATION BASED ON FEMA MAPPING 2116360120C.

SEAL

STATE OF KENTUCKY
GABRIEL DAVIS
9/6/12
28049
LICENSED PROFESSIONAL ENGINEER

REV.	REV. DATE :
1	09/06/12

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PROJECT: AAT Meade County

DRAWING TITLE: MAP OF PROJECT SITE

Forsythe & Long Engineering Inc.
4560 HELTON DRIVE FLORENCE, AL 35630 PHONE: (256) 760-0000

DATE: 09-06-12	JOB NUMBER 325-043
DRAWN BY: BNK	
SCALE: 1"=2400'	DRAWING NO. CP1.01
PROJ. MANAGER: R.W.	SHEET 1 OF 7

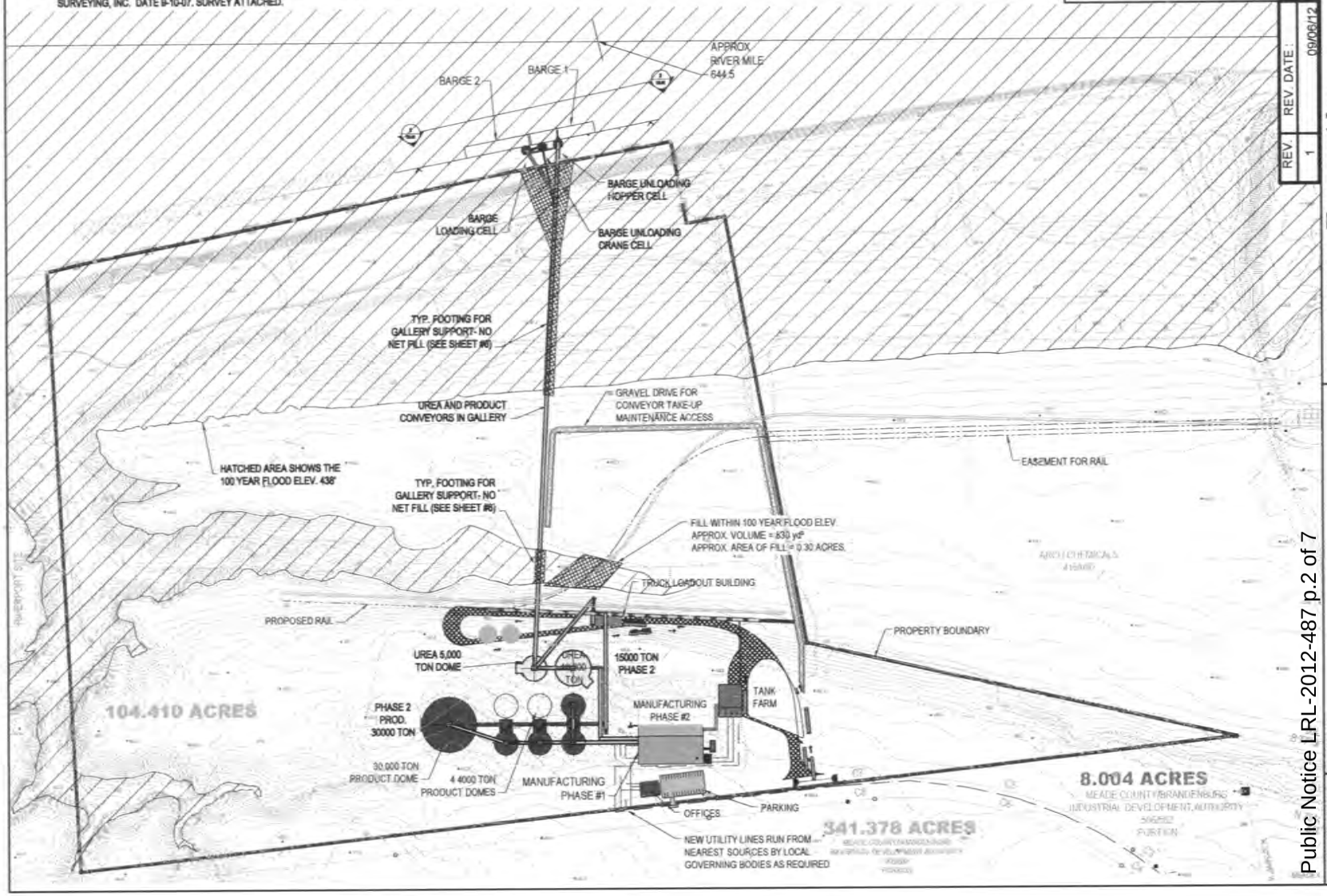
C1.01 8.5x11 Map of Project Site.dwg
Sep 06, 2012 - 2:37pm

GENERAL NOTES:

1. DIMENSIONS ARE IN DECIMAL FEET.
2. ALL GEOMETRY SHOWN DISTINCT IS NEW CONSTRUCTION
3. ALL GEOMETRY SHOWN INDISTINCT IS EXISTING.
4. ABBREVIATIONS
   - 4.1. FIN. FLR. - FINISH FLOOR
   - 4.2. P.O.B. - POINT OF BEGINNING
   - 4.3. P.O.C. - POINT OF COMMENCEMENT
   - 4.4. SS - SANITARY SEWER
   - 4.5. PW - POTABLE WATER
   - 4.6. TRANS - TRANSFORMER
   - 4.7. SG - SWITCHGEAR
   - 4.8. N.I.C. - NOT IN CONTRACT
5. TOTAL LAND DISTURBANCE BELOW THE 100 YEAR FLOOD ELEVATION OF 438' IS EQUAL TO 1.25 ACRES.
6. PROPERTY SURVEY AND TOPOGRAPHIC INFORMATION BY SMITH ENGINEERING AND LAND SURVEYING, INC. DATE 9-10-07. SURVEY ATTACHED.

HATCHED AREA SHOWS THE 100 YEAR FLOOD ELEVATION AT 438'

HATCHED AREA SHOWS LAND DISTURBANCE WITHIN THE 100 YEAR FLOOD ELEVATION AT 438'



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REV.	REV. DATE:
1	09/06/12

Forsythe & Long Engineering Inc.
4560 HELTON DRIVE FLORENCE, AL 35630 PHONE: (256) 760-0000

DATE: 09-06-12
DRAWN BY: BNK
SCALE: 1"=450'
PROJ. MANAGER: R.W.
JOB NUMBER 325-043
DRAWING NO. CP1.02
SHEET 2 OF 7

PROJECT: AAT Meade County

DRAWING TITLE: Brandenburg KY Overall Site Layout/General Arrangement

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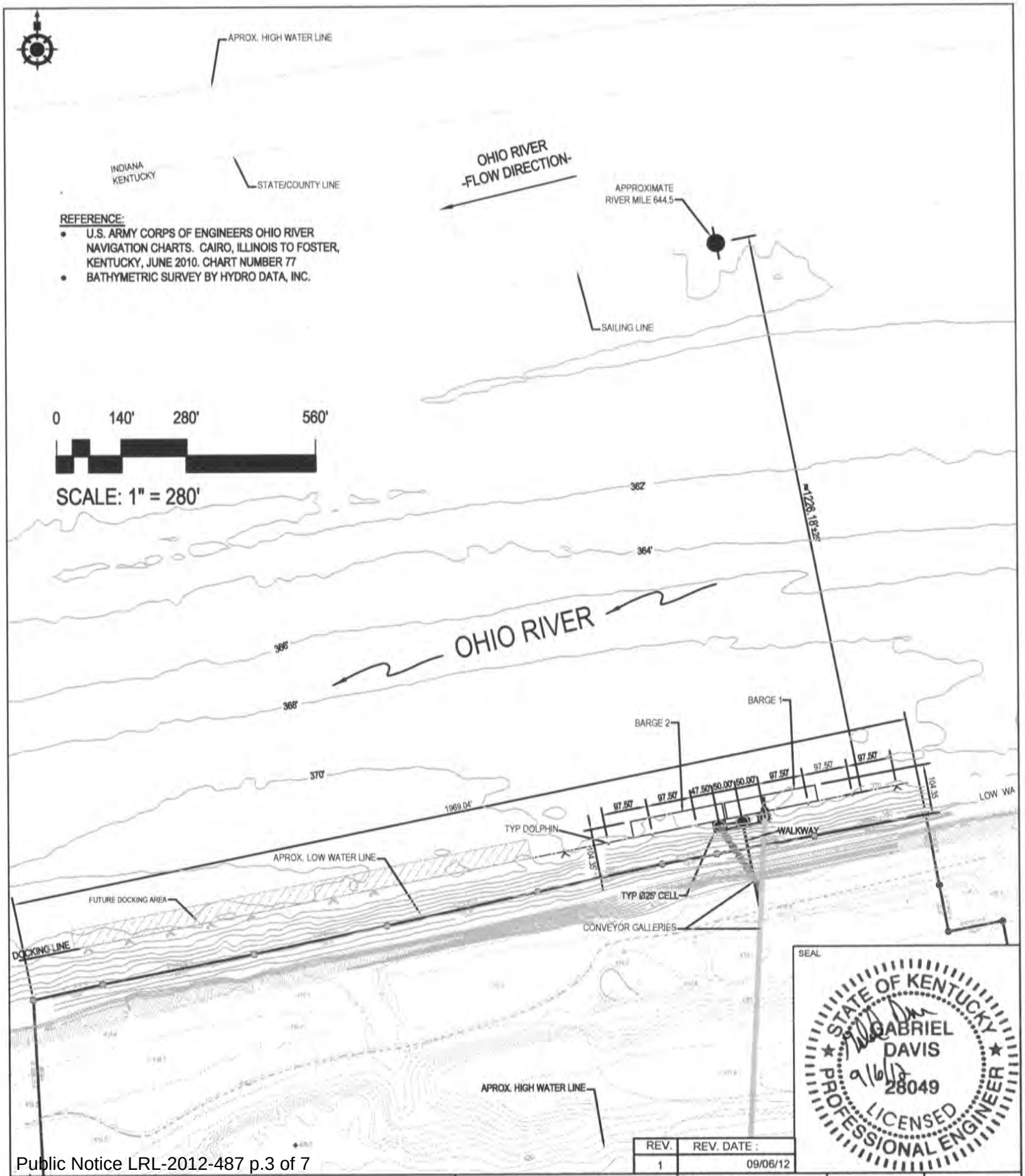
Public Notice LRL-2012-487 p.2 of 7



REV.	REV. DATE :
1	09/06/12

Public Notice LRL-2012-487 p.3 of 7

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PROJECT
AAT Meade County

DRAWING TITLE
Dock General Arrangement Plan

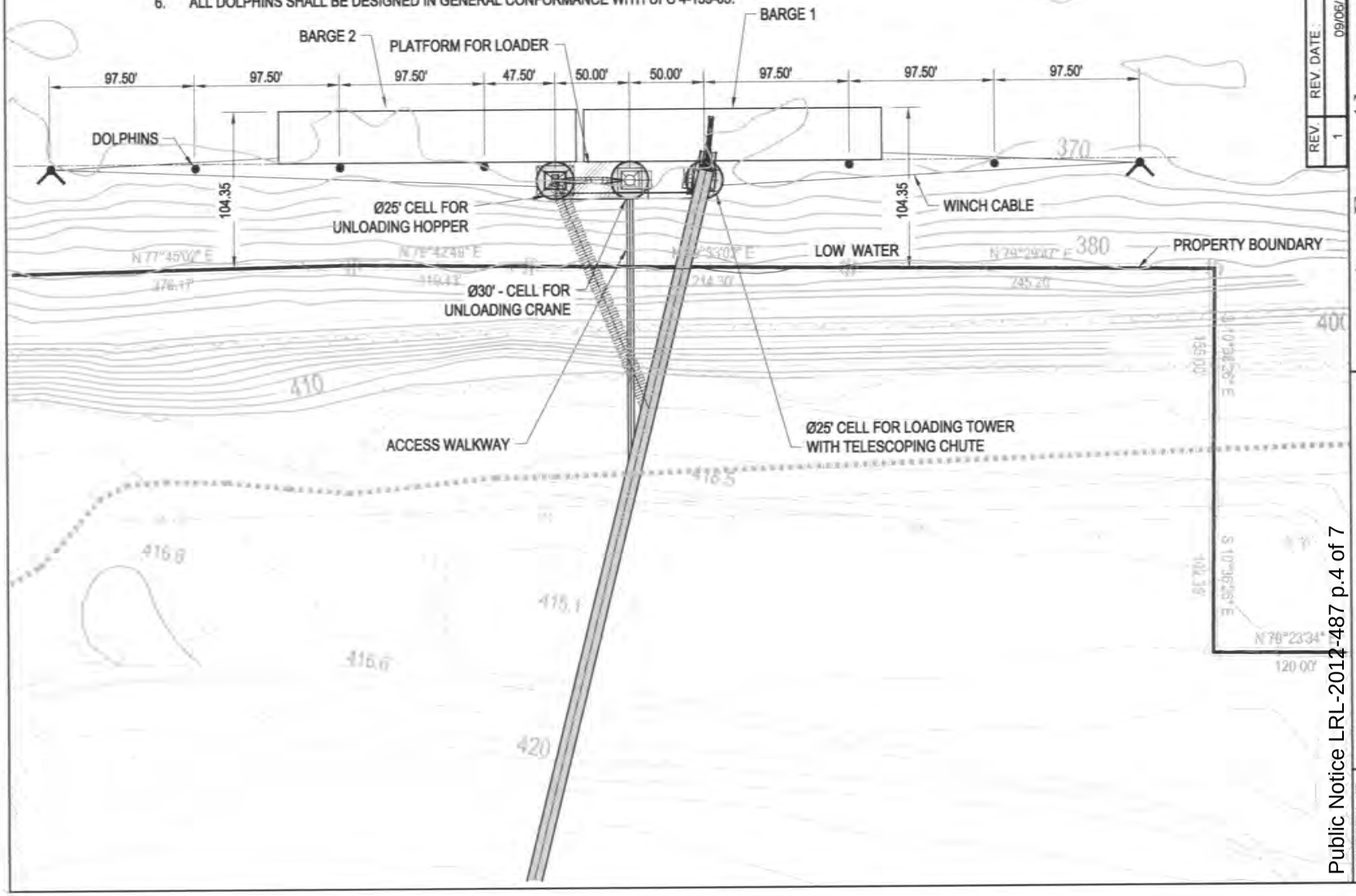
Forsythe & Long Engineering Inc.
4560 HELTON DRIVE FLORENCE, AL 35630 PHONE: (256) 760-0000

DATE: 09-06-12	JOB NUMBER 325-043
DRAWN BY: BNK	
SCALE: 1"=280'	DRAWING NO. CP1.12
PROJ. MANAGER: R.W.	SHEET 3 OF 7

C1.12 8.5x11 Dock General Arrangement Plan.dwg
Sep 06, 2012 - 3:19pm

NOTES:

1. FACILITY FOR LOADING /UNLOADING OF BULK COMMERCIAL FERTILIZER BARGES.
2. BARGES TO BE MOORED VIA DOLPHINS AND CELLS.
3. BARGE TO BE MOVED ALONG DOCK LINE VIA WINCH SYSTEM.
4. LIGHTING SHALL INCLUDE SHIELDED METAL HALIDE FLOODLIGHTS TO PROVIDE A MINIMUM 5 FC LIGHTING AT THE MEDIAN BARGE LOADING/UNLOADING HEIGHT OVER THE LOADING AREA. DOWN LIGHTING SHALL PROVIDE 30 FC ON PLATFORM, WORKING AREAS, CRANE AND LOADING STRUCTURE. WALKWAY LIGHTING, EMERGENCY LIGHTING AND EXIT SIGNS SHALL BE PROVIDED PER KENTUCKY BUILDING CODE (IBC 2006 w/KY ADAPTATION) ON ACCESS WALKWAYS, STRUCTURE AND CONVEYOR GALLERIES.
5. DOLPHINS MAY BE CONSTRUCTED IN SINGLE OR MULTI PILE CONFIGURATION DEPENDING ON SITE GEOLOGY DETERMINATION AND EQUIPMENT AVAILABILITY.
6. ALL DOLPHINS SHALL BE DESIGNED IN GENERAL CONFORMANCE WITH UFC 4-159-03.



STATE OF KENTUCKY ★ LICENSED PROFESSIONAL ENGINEER ★ GABRIEL DAVIS 28049

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REV.	REV. DATE
1	09/06/12

Forsythe & Long Engineering Inc.
4560 HELTON DRIVE FLORENCE, AL 35630 PHONE: (256) 760-0000

DATE: 09-06-12	JOB NUMBER 325-043
DRAWN BY: BNK	DRAWING NO. CP1.14
SCALE: 1"=100'	SHEET 4 OF 7
PROJ. MANAGER: R.W.	

PROJECT: AAT Meade County

DRAWING TITLE: Barge Loading Unloading Dock Mooring

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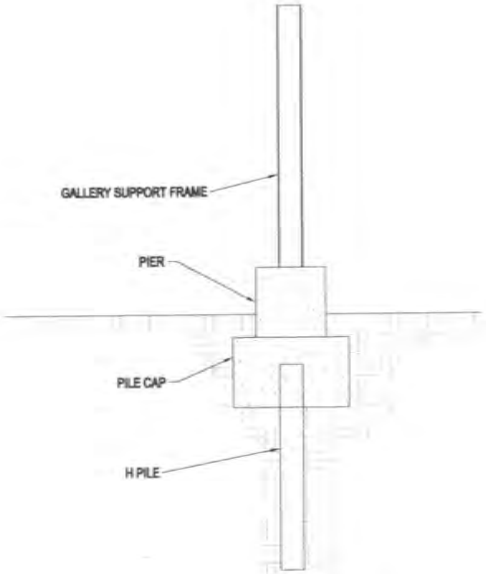
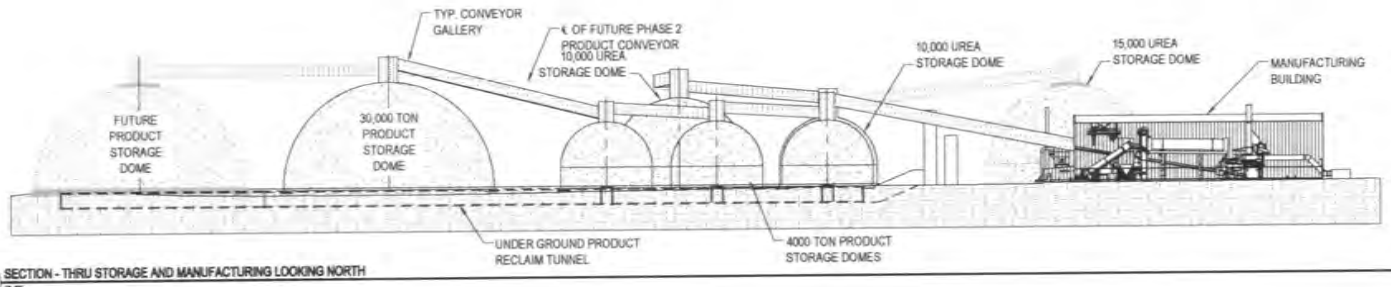
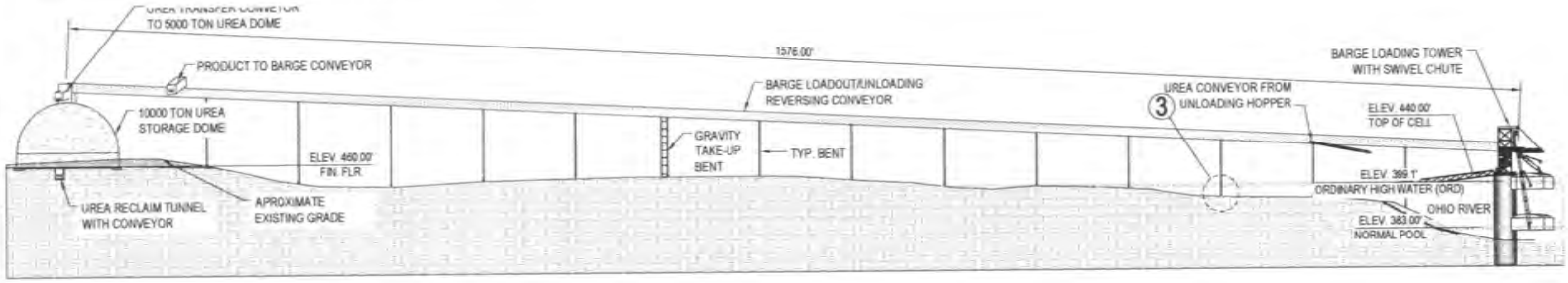


3 DETAIL - TYPICAL GALLERY SUPPORT FRAME
1/8"=1'-0"



1 SECTION - THRU STORAGE AND MANUFACTURING LOOKING NORTH
1"=50'



2 SECTION - THRU BARGE LOAD-OUT UREA UNLOADING CONVEYOR LOOKING WEST
1"=50'

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1	09/06/12

Forsythe & Long Engineering Inc.
4560 HELTON DRIVE FLORENCE, AL 35630 PHONE: (256) 760-0000

DATE: 09-06-12
DRAWN BY: BNK
SCALE: 1"=150'
PROJ. MANAGER: R. W.
JOB NUMBER 325-043
DRAWING NO. CP3.01
SHEET 6 OF 7

PROJECT AAT Meade County

DRAWING TITLE Brandenburg KY Site Sections

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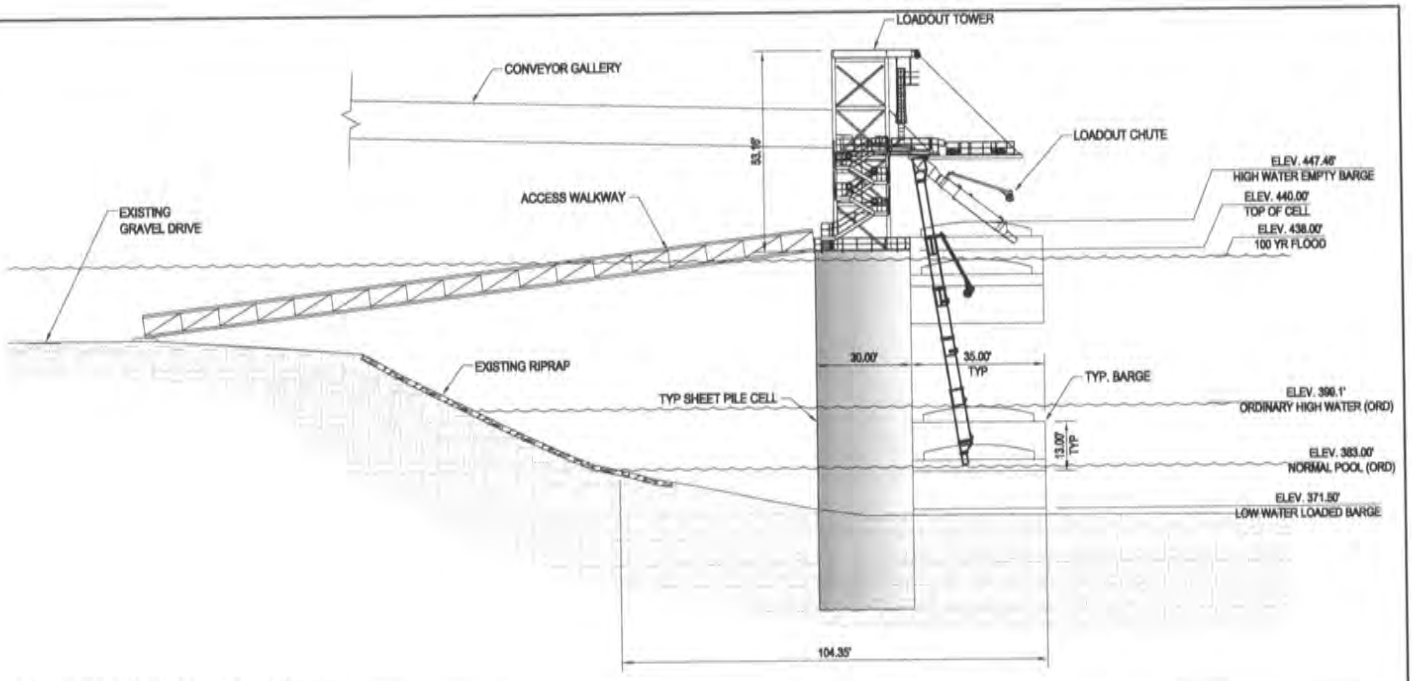
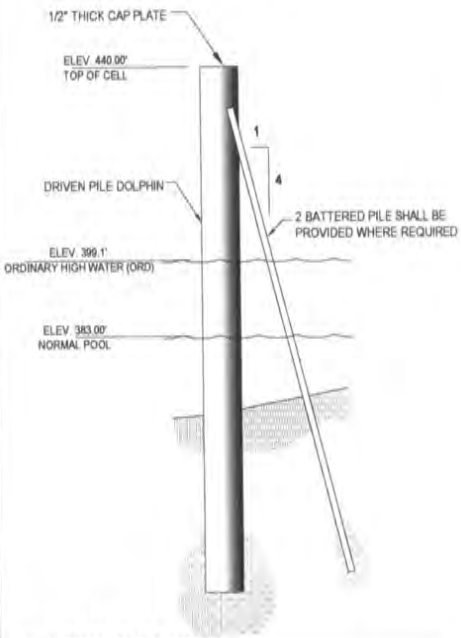
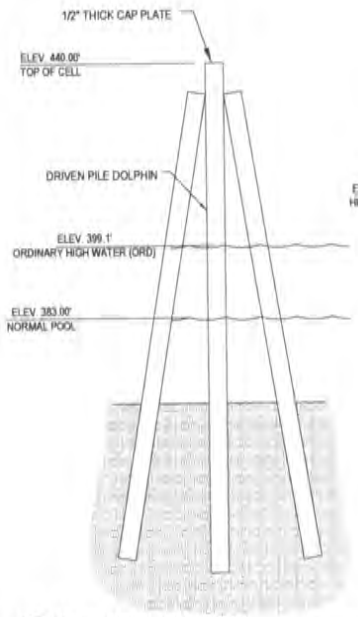
C3.01 Brandenburg KY Site Sections.dwg
Sep 06, 2012 - 2:55pm



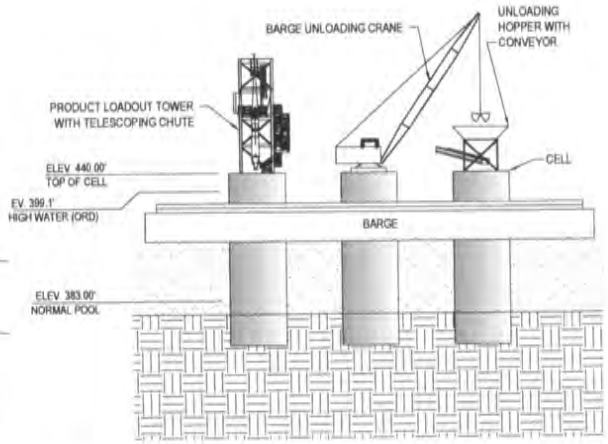
1 ELEVATION - LOADOUT TOWER LOOKING WEST



3 DETAIL - TYPICAL DOLPHIN



4 DETAIL - TYPICAL 3-PILE DOLPHIN



2 ELEVATION - LOADING/UNLOADING DOCK LOOKING SOUTH

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PROJECT: AAT Meade County

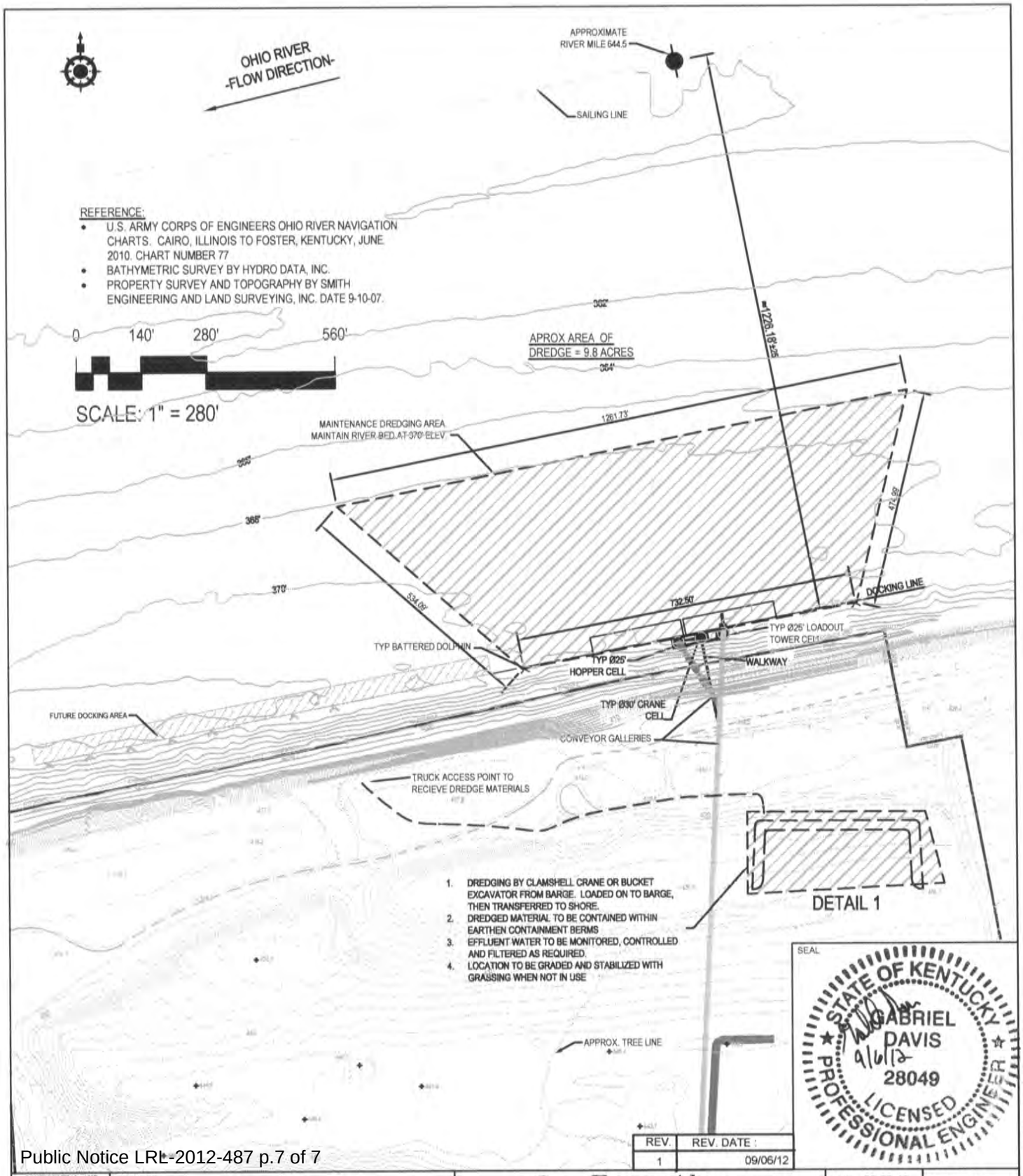
DRAWING TITLE: Brandenburg KY Dock Area Elevations

Forsythe & Long Engineering Inc.
4560 HELTON DRIVE FLORENCE, AL 35630 PHONE: (256) 760-0000

DATE: 09-06-12	JOB NUMBER 325-043
DRAWN BY: BNK	
SCALE: 1"=75'	DRAWING NO. CP3.02
PROJ. MANAGER: R. W.	SHEET 7 OF 7

C3.02 Brandenburg KY Dock Area Elevations.dwg

Sep 06, 2012 - 3:27pm



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PROJECT: AAT Meade County

DRAWING TITLE: RIVER MAINTENANCE DREDGING

Forsythe & Long Engineering Inc.
4560 HELTON DRIVE FLORENCE, AL 35630 PHONE: (256) 760-0000

DATE: 06-22-12	JOB NUMBER 325-043
DRAWN BY: BNK	
SCALE: 1"=280'	DRAWING NO. CP1.22
PROJ. MANAGER: R.W.	SHEET 1 OF 2

C1.22 8.5x11 River Maintenance Dredging.dwg
Sep 06, 2012 - 5:58pm