

BILL NO. S-18-08-11

SPECIAL ORDINANCE NO. S-_____

AN ORDINANCE approving CSO OUTFALL IMPROVEMENT AGREEMENT between Northern Indiana Public Service Company, LLC ("NIPSCO") and the City of Fort Wayne, Indiana in connection with the Board of Public Works.

NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That the CSO OUTFALL IMPROVEMENT AGREEMENT between NIPSCO and the City of Fort Wayne, Indiana in connection with the Board of Public Works, is hereby ratified, affirmed, and approved in all respects, respectfully for:

NIPSCO's improvement of CSO Outfall #29 in accordance with the Plans and the City's covenant to cooperate as agreed;

The Contract involves a cost that is not-to-exceed TWO HUNDRED SEVENTY THOUSAND and 00/100 Dollars (\$270,000.00). A copy of said Contract is on file with the Office of the City Clerk and made available for public inspection, according to law.

SECTION 2. That this Ordinance shall be in full force and effect from and after its passage and any and all necessary approval by the Mayor.

Council Member

APPROVED AS TO FORM AND LEGALITY:

Carol Helton, City Attorney

CSO OUTFALL IMPROVEMENT AGREEMENT

This CSO Outfall Improvement Agreement ("Agreement") is made and entered into as of the ___ day of August __, 2018, by and between the Northern Indiana Public Service Company, LLC, ("NIPSCO") and the City of Fort Wayne, by its Board of Public Works (the "City").

RECITALS

- A. The City owns and operates the combined sewer outfall identified in the NPDES permit issued by the Indiana Department of Environmental Management ("IDEM") as CSO outfall #29 (the "Outfall"). The Outfall discharges to the St. Mary's River and is located within an easement through property owned by Hall's Gas House, LLC.
- B. NIPSCO intends to complete certain remedial work within the St. Mary's River proximate to the Outfall beginning in September 2018. That remedial work will also include activities to stabilize areas of the bank of the St. Mary's River proximate to the Outfall.
- C. NIPSCO believes that the Outfall and its associated river bank are in need of repair, and that, if not repaired, discharges from the Outfall will impair NIPSCO's intended remedial work in the St. Mary's River. The City agrees that improvements to the Outfall and its associated bank are warranted.
- D. NIPSCO and the City have agreed that construction plans attached as Exhibit A (the "Plans") reflect the scope of appropriate improvements for the Outfall and its associated riverbank (the "Improvements").
- E. Under certain terms and conditions, NIPSCO and the City wish to work cooperatively to cause the Improvements to be implemented between October 2018 and May 2019.

AGREEMENT

In consideration of the covenants, representations and agreements reflected below, the parties agree as follows.

1. ***Improvement Construction & Dedication.*** NIPSCO agrees to cause the Improvements to be constructed beginning in October 2018 in accordance with the Plans. Except as noted below, NIPSCO shall be solely responsible for the costs to construct the Improvements. The City agrees to cause City staff (at the City's sole cost) to (a) provide appropriate oversight to the construction work, (b) provide two of the three 12" pumps reflected on the Plans to redirect CSO flows on or before October 1, 2018 through December 1, 2018, (c) provide all hosing associated with the 12" pumps provided by the City necessary to redirect CSO flows as directed on the Plans, and, (d) following completion of the construction work, to (i) inspect and accept (dedicate) the constructed combined sewer improvements as part of the City's public sewer

system and (ii) thereafter maintain and repair the improved Outfall as the City deems appropriate. NIPSCO shall not be liable to the City for the Improvements thereafter.

2. **City Payment.** The City agrees to pay NIPSCO the sum of \$270,000.00 (the "Total Payment") in consideration for NIPSCO's work to complete the Improvements. An initial payment of \$120,000.00 from the Total Payment will be made by the City to NIPSCO in 2018 if Improvement construction work of at least \$120,000.00 is completed in 2018 and NIPSCO timely invoices the City in 2018 for that sum. The Total Payment shall be paid to NIPSCO in full in 2019 following completion of all Improvement construction and acceptance of the improved Outfall by the City.

3. **Outfall Activations During Construction.** The parties acknowledge that flows from the City's combined sewer system will be prevented from discharging through the Outfall while NIPSCO is completing the Improvements. As reflected on the Plans, NIPSCO will cause flows which would have otherwise been directed to the Outfall to instead be directed (using pumps and hosing reflected on the Plans and, in part, provided by the City pursuant to Section 1(b) and (c)) to a nearby stormwater sewer which also discharges to the St. Mary's River (the "Stormwater Outfall"). The City represents that it has obtained all necessary approvals from IDEM for the use of the Stormwater Outfall to receive and discharge such combined sewer flows. The parties also acknowledge that conditions may occur beyond the capacity of the aforementioned pumps or Stormwater Outfall which would require the use of high-capacity additional pumps or other means to address extreme combined sewer system discharges and that they will work cooperatively at their own costs to address extreme conditions if such arise.

4. **Approvals.** Except as noted above, NIPSCO shall be solely responsible to obtain all governmental and property owner approvals necessary to complete the Improvements. The parties acknowledge that modifications to the Plans may be proposed by NIPSCO following its selection of a contractor to implement the Improvements in August 2018 and agree to work expeditiously in good faith to propose and consider any such modification requests. Once approved by the City, any modified plans shall replace and supersede those attached as Exhibit A.

5. **Notices.** Any notice, designation, consent, approval, offer, acceptance, statement, request, or other communication (a "Notice") required or allowed under this Agreement shall be in writing. Notice to a party shall be given at the party's address stated below, or at such other address as a party may designate in a Notice to the other party: Any party may change the names of those to receive Notices by providing a Notice to the other parties clearly providing the modified contact information.

If to the City:

Anne Marie Smrcek
Fort Wayne City Utilities
200 E. Berry St., Ste. 270
Fort Wayne, IN 46814
Anne.Marie.Smrcek@cityoffortwayne.org

With a copy to:

Brandon J. Almas
Associate City Attorney—City Utilities
200 E. Berry St.
Fort Wayne, IN 46802
Brandon.Almas@cityoffortwayne.org

If to NIPSCO:

Marc Okin,
NiSource Corporate Services, Inc.
290 West Nationwide Blvd.
Columbus, OH 43215
mokin@nisource.com

With a copy to:

Daniel Deeb
Schiff Hardin LLP
233 S. Wacker Drive
Suite 7100
Chicago, IL 60606
ddeeb@schiffhardin.com

Notice shall be deemed given when: (i) personal service of the Notice is made on the party to be notified; (ii) the Notice is mailed to the party to be notified by means of certified or registered U.S. mail, return receipt requested, postage prepaid; or (iii) the Notice is sent to the party to be notified by express courier such as "Federal Express", or such other similar carrier guaranteeing next day delivery, fees prepaid. Refusal by a party to accept a Notice shall not affect the giving of the Notice. If agreed by the parties in a later writing, the parties may also accept email communications as a Notice under this Agreement.

6. ***Indemnification.***

6.1 ***Indemnification by NIPSCO.*** NIPSCO shall indemnify, defend, and hold the City harmless from and against any and all claims, liabilities, actions, demands, and causes of action asserted by any third party which arise as a result of the following:

- (a) NIPSCO's performance or failure to perform any of the obligations required of it under the terms of this Agreement, including a failure to construct the Improvements in accordance with the Plans; or
- (b) The condition or function of the Improvements prior to the City's acceptance of the Improvements as part of the public sewer system.

6.2 ***Indemnification by the City.*** The City shall indemnify, defend, and hold NIPSCO harmless from and against any and all claims, liabilities, actions, demands, and causes of action asserted by any third party which arise out of the following:

- (a) The City's performance or failure to perform any of the obligations required of it under the terms of this Agreement; or
- (b) The condition or function of the Improvements following the City's acceptance of the Improvements as part of the public sewer system.

7. ***Miscellaneous.***

7.1 ***Binding Agreement.*** This Agreement shall bind and apply to the City and NIPSCO and their respective successors and assigns.

7.2 ***Invalid Provision/Severability.*** The invalidity or unenforceability of any particular portion of this Agreement shall not affect the other provisions of it, and this Agreement shall be construed in all respects as if such invalid or unenforceable provision was omitted.

7.3 ***Amendments.*** No amendments, modifications, alterations, or additions to this Agreement shall be binding unless made in writing and signed by the City and NIPSCO or their respective legal representatives.

7.4 ***Governing Law.*** This Agreement shall be governed in all respects by the laws of the State of Indiana.

7.5 ***Rule of Construction.*** The judicial rule of construction requiring or allowing a document to be construed to the detriment or against the interests of the document's maker or drafter shall not apply to this Agreement.

7.6 ***Headings.*** The section headings in this Agreement are included solely for convenience, and shall not affect or be used in connection with the interpretation of this Agreement.

7.7 **Counterparts.** This Agreement may be executed in several counterparts, each of which shall be deemed an original, but together the counterparts shall constitute one and the same document.

7.8 **Recitals.** All recitals set forth in this Agreement are incorporated by reference and are true.

7.9 **Entire Agreement.** This Agreement constitutes the entire agreement among the parties concerning Materials and supersedes any prior agreements and understandings, both written and oral, between the City and NIPSCO with respect to the subject matter contained herein.

7.10 **Agreement Subject to Approval by the Fort Wayne Board of Public Works and the Common Council of the City of Fort Wayne.** This Agreement is subject to approval by the City's Board of Public Works and the Common Council for the City. Should any required approval not be obtained, this Agreement shall be void, and the parties' respective obligations hereunder shall terminate. Notwithstanding the foregoing, nothing in this Section shall relieve either party of any obligation required of such party under local, state, or federal law.

7.11 **Review by Counsel and Authority to Sign.** The City and NIPSCO acknowledge that they have each had the opportunity to have this Agreement reviewed by their respective attorneys prior to its execution and that they each have the authority to execute this Agreement binding their respective entities.

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IN WITNESS WHEREOF, the parties hereto have executed his Agreement as of the date first set forth above.

NOTHERN INDIANA PUBLIC SERVICE
COMPANY, LLC

By: Joe P. Ferry
Name: Joe P. Ferry
Title: Director Remediation

THE CITY OF FORT WAYNE, BY ITS

BOARD OF PUBLIC WORKS

By: _____
Shan Gunawardena, Chair

Kumar Menon, Member

Mike Avila, Member

ATTEST: _____
Michelle Fulk, Clerk

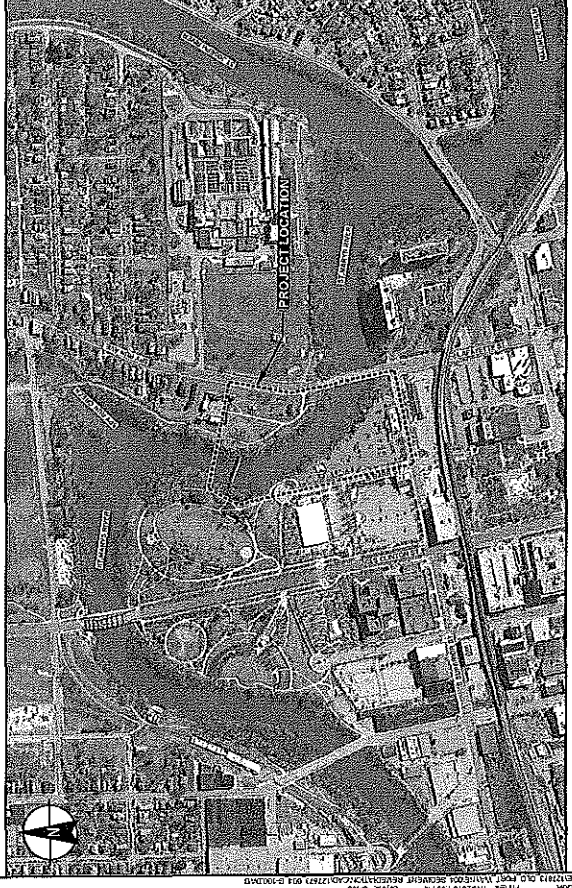
FORT WAYNE FORMER MGP SEDIMENT REMEDIATION AND CSO OUTFALL IMPROVEMENT FORT WAYNE, INDIANA

JULY 2018

SHEET NO.	DRAWING NO.	SHEET TITLE
1	G-100	TITLE SHEET AND DRAWING INDEX
2	G-101	GENERAL NOTES AND LEGEND
3	C-100A	EXISTING CONDITIONS
4	C-100B	EXISTING CONDITIONS
5	C-101	LIMITS OF OLD, TLM AND MAPL MATERIALS
6	C-102	DEMOLITION PLAN - OLD FORT AREA
7	C-103	DEMOLITION PLAN - FORMER MGP SITE
8	C-104	SITE PREPARATION & EROSION CONTROL PLAN - OLD FORT AREA
9	C-105	SITE PREPARATION & EROSION CONTROL PLAN - FORMER MGP SITE
10	C-200A	DREDGING PLAN EXISTING CONDITIONS
11	C-200B	DREDGING SURFACE
12	C-201	DREDGING CROSS SECTIONS A AND B
13	C-202	DREDGING CROSS SECTIONS C AND D
14	C-203	DREDGING CROSS SECTION E
15	C-300	FINAL CAP
16	C-500	SITE RESTORATION PLAN - OLD FORT AREA
17	C-501	SITE RESTORATION PLAN - FORMER MGP SITE
18	C-600	CSO PLAN
19	C-601	CSO PROFILE AND DETAILS
20	C-602	CONSTRUCTION DETAILS
21	C-603	CONSTRUCTION DETAILS
22	C-604	CONSTRUCTION DETAILS
23	C-605	BURIED CABLE PLAN AND DETAILS
24	C-606	CONSTRUCTION DETAILS
25	C-610	CSO PLAN EXISTING CONDITIONS, PROPOSED SHEETING AND CULVERT, AND DETAILS
26	C-611	CSO PLAN - PROPOSED CONDITIONS AND DETAILS
27	C-612	CSO PLAN - SECTION A - A' ELEVATION ALONG CULVERT
28	C-613	CSO PLAN - SECTION B - B' ELEVATION ALONG SHEETING ALIGNMENT
29	C-614	CULVERT DETAILS
30	C-700	RIVER STABILIZATION PLAN
31	C-701	RIVERBANK PLANTING PLAN
32	C-702	RIVERBANK LANDSCAPE PLAN
33	C-703	DETAILS
34	C-704	RIVER ACCESS PATH AREA DETAILS
35	C-705	RIVER ACCESS AREA DETAILS
36	C-706	WEST SWINNEY & LAWTON PARKS LANDSCAPING PLANS



SITE AERIAL
AERIAL PHOTOGRAPHY OF THE FORMER MGP SITE AND SURROUNDING AREA, 2013



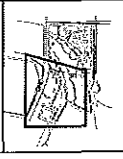
SITE LOCATION
GOOGLE EARTH PRO IMAGE, DATED 06/02/2014

1000

HALEY & ALDRICH
 HALEY & ALDRICH, INC.
 652 Maple Park South, Suite 200
 Fort Wayne, IN 46825
 Tel: 317-435-2200
 Fax: 317-295-2211
 www.haleyaldrich.com

HALEY & ALDRICH
 CUI 011 01 00-300-344

ISSUED FOR BID



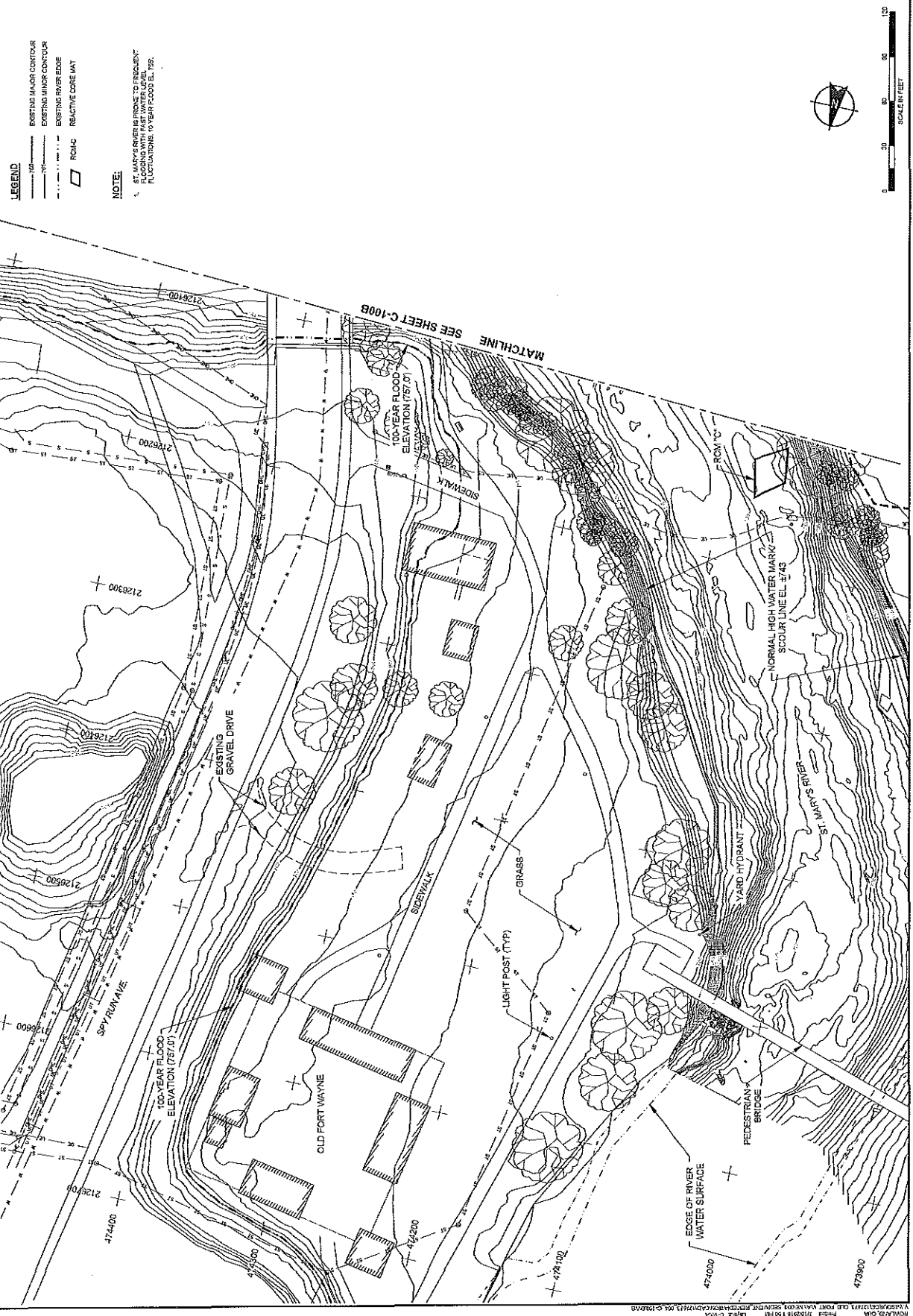
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Project No.	12-02-01
Drawn By	HALEY & ALDRICH
Checked By	HALEY & ALDRICH
Approved By	HALEY & ALDRICH
Scale	AS SHOWN
Date	12/02/01

Station	From	To	Notes
0+00	0+00	0+10	START OF PROJECT
0+10	0+10	0+20	END OF PROJECT

FORT WAYNE FORMER MGP
 SEDIMENT REMEDIATION
 AND SOIL REMEDIAL
 IMPROVEMENT
 FORT WAYNE, INDIANA

**EXISTING
 CONDITIONS**

C-100A
 Sheet 3 of 36



- LEGEND**
- EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - EXISTING RIVER EDGE
 - ROAD
 - REACTIVE CODE MAT

NOTE:
 1. AT ALL TIMES, BEARING IN MIND THE PRESENT
 FLOODING WITH FAST WATER LEVEL
 FLUCTUATIONS 10-YEAR FLOOD EL. 762.





KEY PLAN
NOT TO SCALE

[illegible]

**FORT WAYNE, FORMER MGO
SEDIMENT REMEDIATION
AND CSO OUTFALL
IMPROVEMENT**

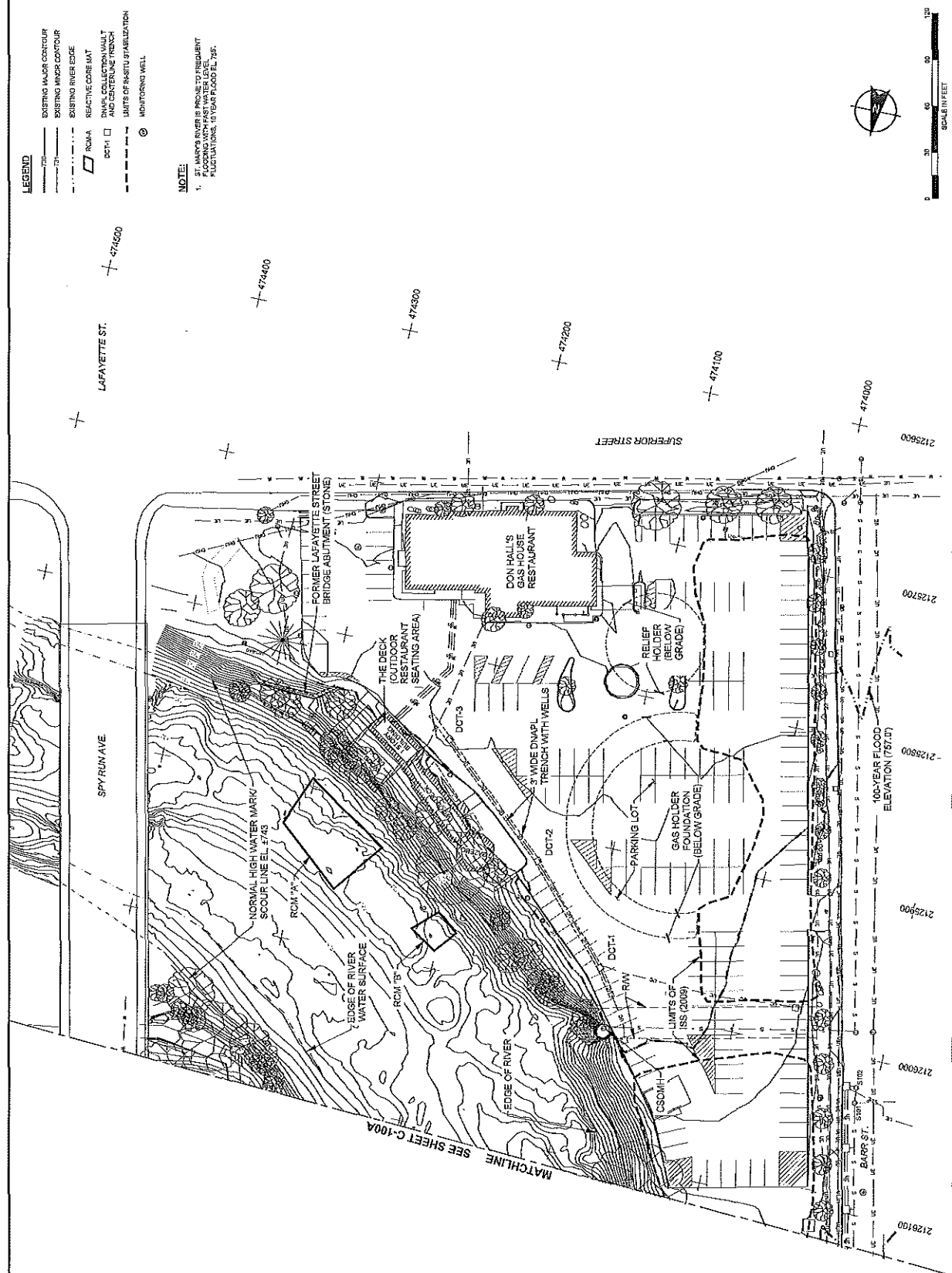
FORT WAYNE, INDIANA

C-100B

Sheet 4 of 36

EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
EXISTING RIVER EDGE
EXISTING CORE MAT
DRAIN COLLECTION VAULT
AND CENTERLINE TRENCH
LIMITS OF IN-SITU STABILIZATION
MONITORING WELL

1. ST. MARY'S RIVER IS PRONE TO FREQUENT FLOODING WITH FAST WATER LEVEL FLUCTUATIONS, 10 YEAR FLOOD EL. 765.



A horizontal graphic scale bar with tick marks at 0, 30, 60, 90, and 120 feet. The text "SCALE IN FEET" is written vertically below the bar.

212

212

212-

24

1997

HALEY ALDRICH
HALEY & ALDRICH, INC.
10000 N. STATE ST.
COLUMBIA, OH 43001
TEL: 614-897-2000
WWW.HALYALDRICH.COM

Indiana 811
CALL 811 OR 800-422-5444

ISSUED FOR BID

THIS IS A COLOR DRAWING. INFORMATION WILL BE LOST IF REPRODUCED IN BLACK AND WHITE.



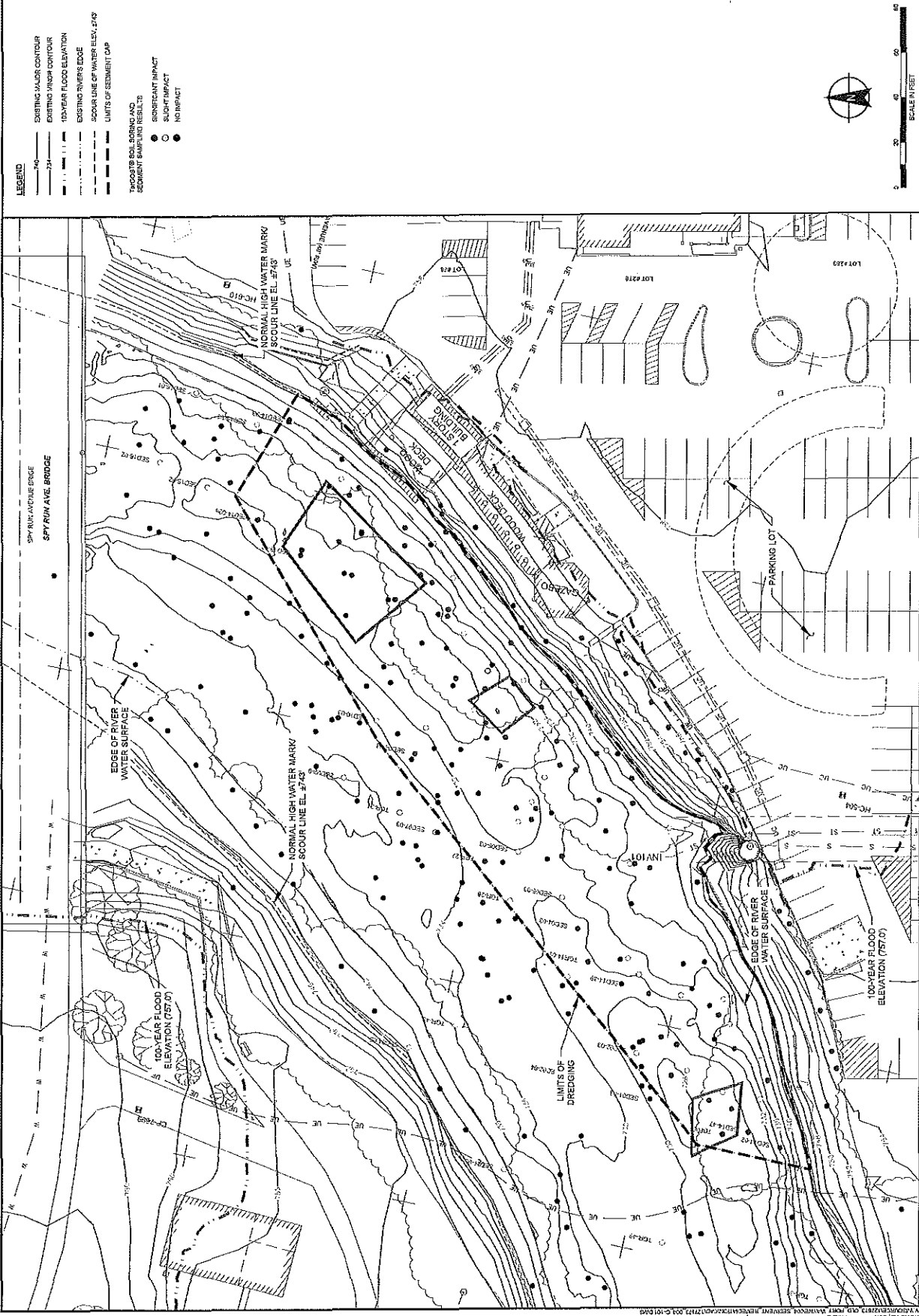
KEY PLAN

Project No.	1000000000
Sheet No.	1000000000
Date	JULY 2017
Drawn by	NSA/NP
Checked by	NSA/NP
Scale	AS SHOWN

FOOT WALLS FORMER MGP SEDIMENT REMEDIATION AND CSO OUTFALL IMPROVEMENT
FORT WAYNE, INDIANA

LIMITS OF OLM, TLM AND NAPL MATERIALS

C-101
Sheet 5 of 35



- LEGEND**
- EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - 100-YEAR FLOOD ELEVATION
 - EXISTING RIVER EDGE
 - SCOUR LINE OF WATER ELEV. 2743
 - LIMITS OF SEDIMENT CAP
 - THICKETS OF SOIL, SCORING AND SEDIMENT SAMPLING RESULTS
 - SIGNIFICANT IMPACT
 - SUCH IMPACT
 - NO IMPACT



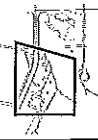
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HALEY ALDRICH

HALEY & ALDRICH, INC.
222 Maple Ridge Drive, Suite 200
Fort Wayne, IN 46804-2600
Tel: 317.437.2000
Fax: 317.437.2001
www.haleyaldrich.com



ISSUED
FOR BID



KEY PLAN
NOT TO SCALE

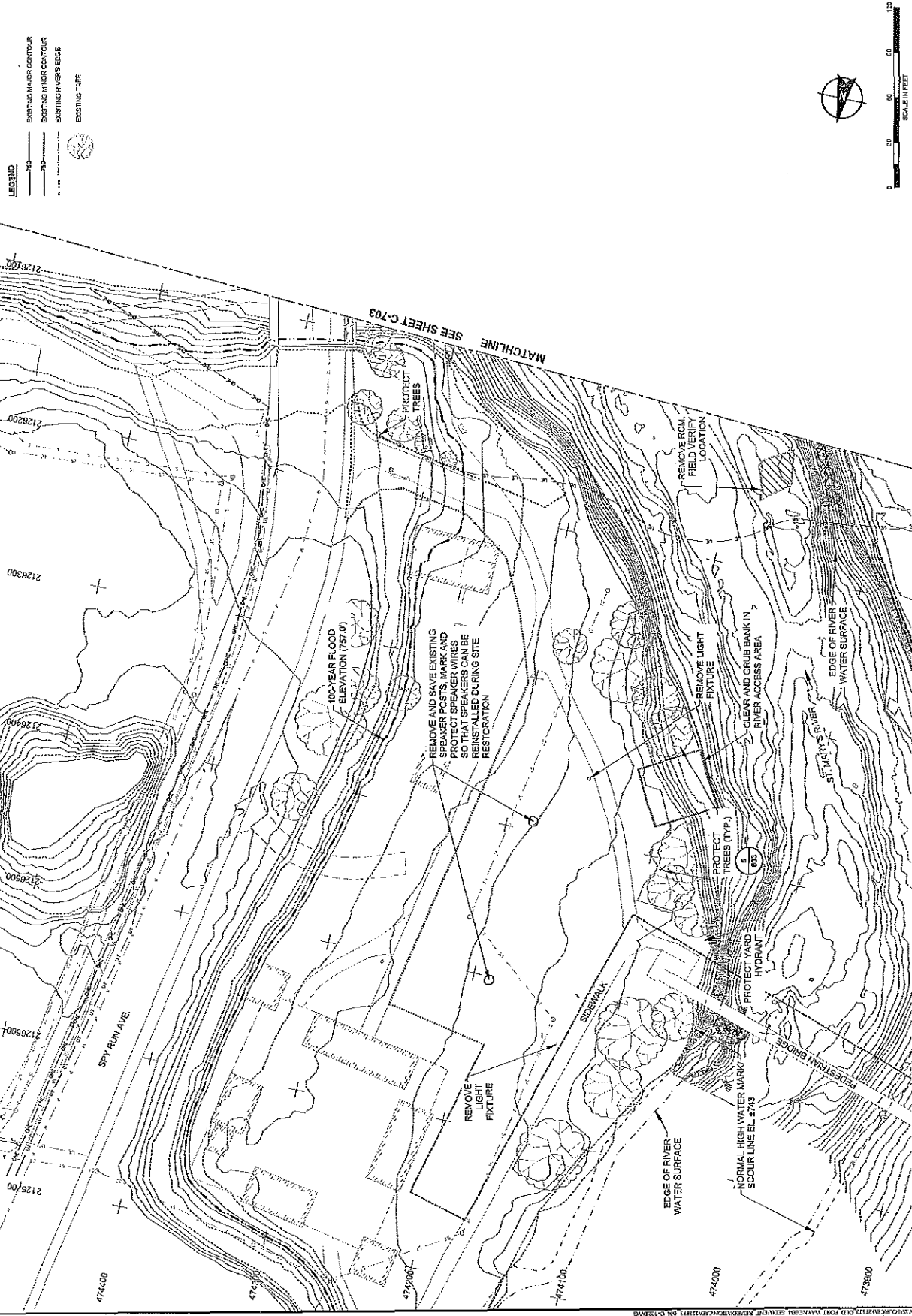
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Date	JULY 2011
Drawn By	5/21/2011
Checked By	5/21/2011
Approved By	5/21/2011
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NO.	REVISION	BY	DATE

FORT WAYNE FORMER MGP
SEWER RESTORATION
AND SCOUT TRAIL
IMPROVEMENT
FORT WAYNE, INDIANA

DEMOLITION PLAN
- OLD FORT AREA

C-102
Sheet 6 of 25



LEGEND

EXISTING MAJOR CONTOUR
-750-
EXISTING MINOR CONTOUR
-750-
EXISTING RIVER'S EDGE
EXISTING TREE



HALEY & ALDRICH, INC.
 655 Metro Place South, Suite 300
 Dublin, OH 43017
 Tel: 614.887-2800
 Fax: 614.706.3033
www.haleyaldrich.com

1-800-333-8181
Call 811 or 800-333-8181

**ISSUED
FOR BID**



KEY PLAN
NOT TO SCALE

№	Тема	Вопросы	Уч	Дата
1	Введение	1. Что такое философия? 2. Каковы основные направления философии?		
2	Философия Древней Греции	1. Кто такие философы Древней Греции? 2. Каковы основные идеи философов Древней Греции?		
3	Философия Средних веков	1. Кто такие философы Средних веков? 2. Каковы основные идеи философов Средних веков?		
4	Философия Возрождения	1. Кто такие философы Возрождения? 2. Каковы основные идеи философов Возрождения?		
5	Философия Нового времени	1. Кто такие философы Нового времени? 2. Каковы основные идеи философов Нового времени?		
6	Философия Просвещения	1. Кто такие философы Просвещения? 2. Каковы основные идеи философов Просвещения?		
7	Философия XIX века	1. Кто такие философы XIX века? 2. Каковы основные идеи философов XIX века?		
8	Философия XX века	1. Кто такие философы XX века? 2. Каковы основные идеи философов XX века?		
9	Философия XXI века	1. Кто такие философы XXI века? 2. Каковы основные идеи философов XXI века?		

FORT WAYNE FORMER MGP
SEDIMENT REMEDIATION
AND CSO OUTFALL
IMPROVEMENT
FORT WAYNE, INDIANA

DEMOLITION PLAN
FORMER MGP SITE

C-103

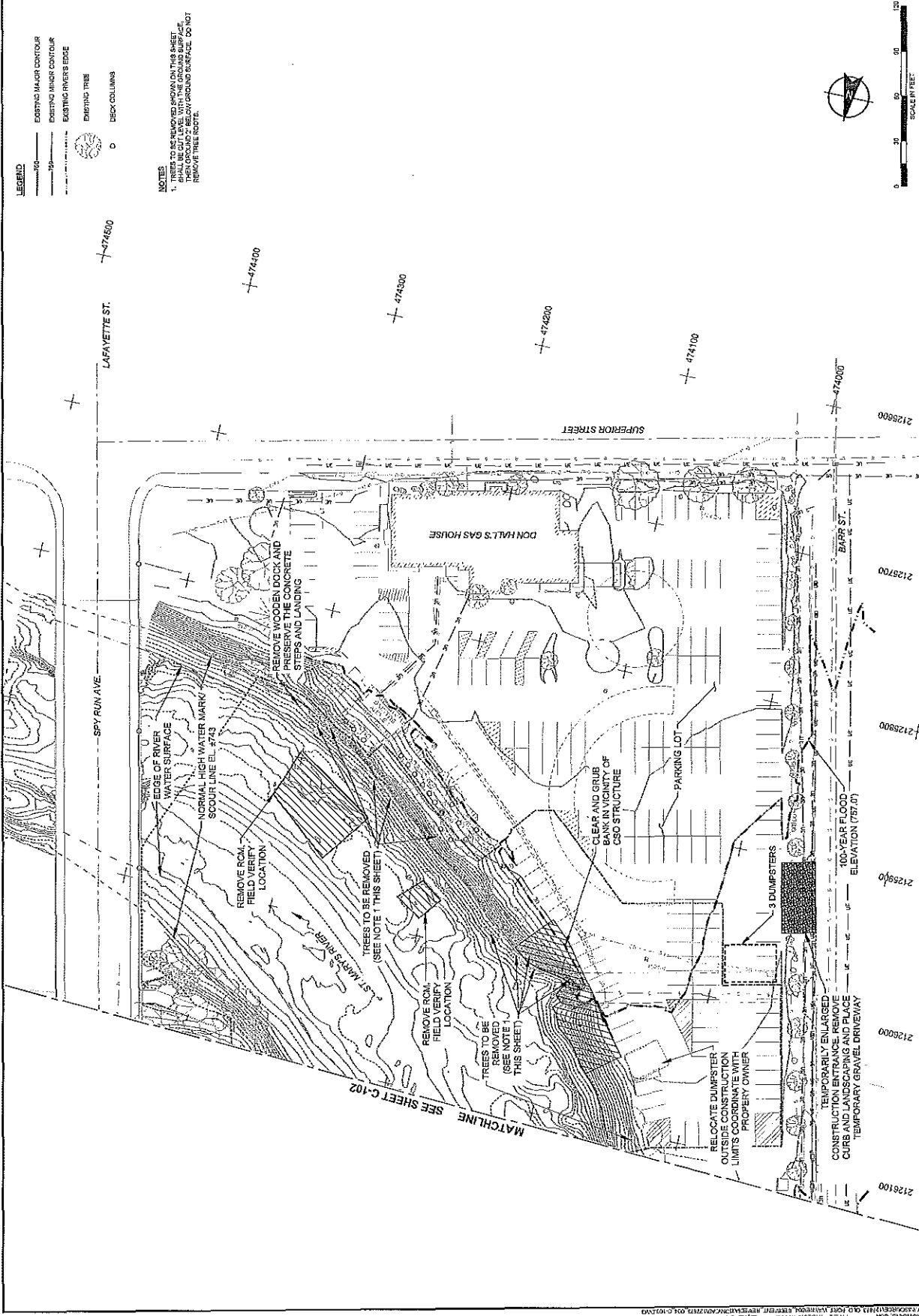
Sheet 7 of 36

LEGEND

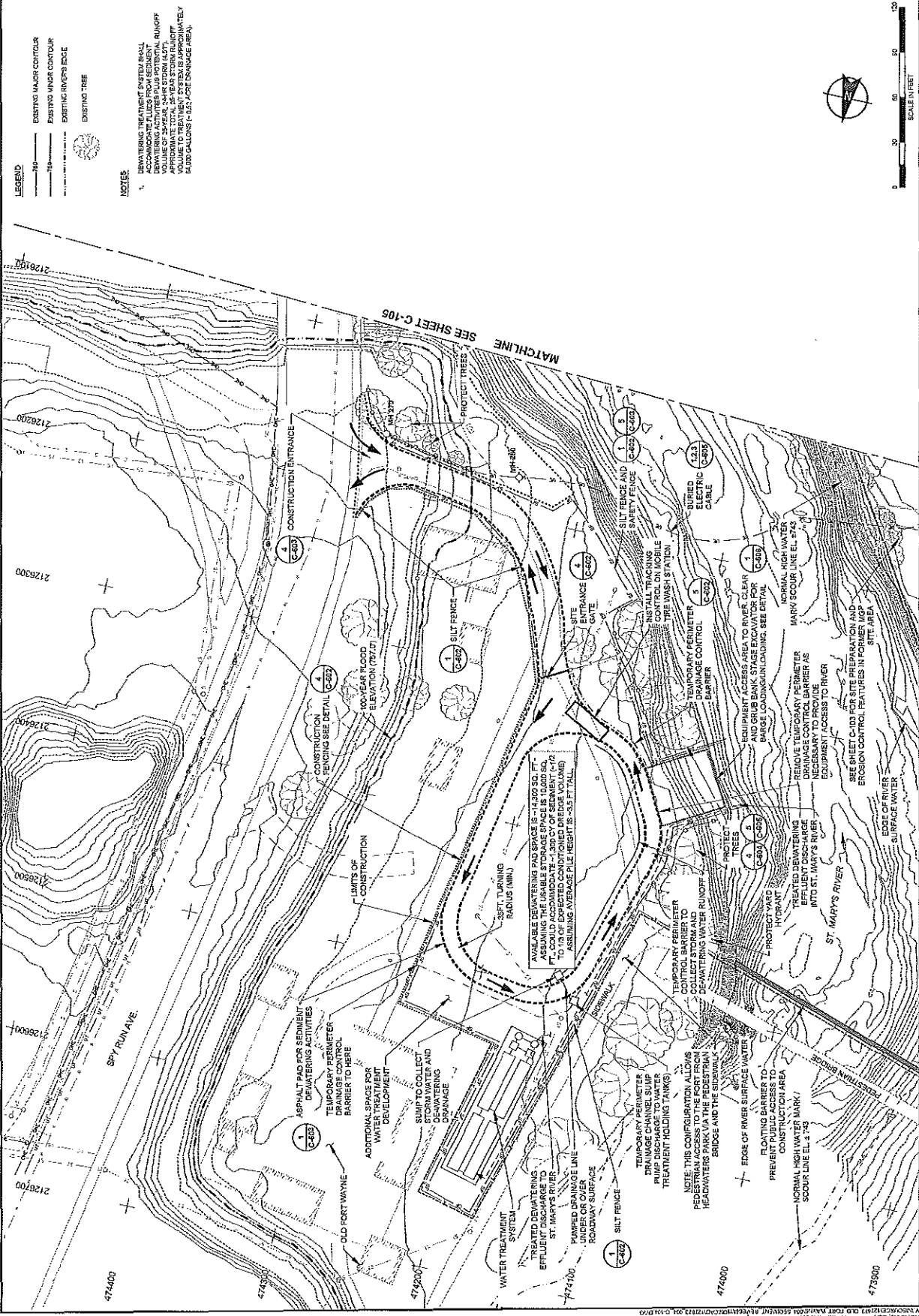
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
EXISTING RIVER'S EDGE
EXISTING TREE
DECK COLUMNS

NOTES

1. TREES TO BE REMOVED SHOWN ON THIS SHEET SHALL BE CUT LEVEL WITH THE GROUND SURFACE, THEN GROUND 2" BELOW GROUND SURFACE. DO NOT REMOVE TREE ROOTS.



Scale in feet



HALEY ALDRICH
 HALEY & ALDRICH, INC.
 625 North 10th Street, Suite 300
 Fort Wayne, IN 46810
 Tel: 317.437.2600
 Fax: 317.437.2601
 www.haleyaldrich.com

LEGEND
 --- EXISTING MAJOR CONTOUR
 --- EXISTING MINOR CONTOUR
 --- EXISTING RIVER'S EDGE
 --- EXISTING TREE



**ISSUED
FOR BID**



**KEY PLAN
NOT TO SCALE**

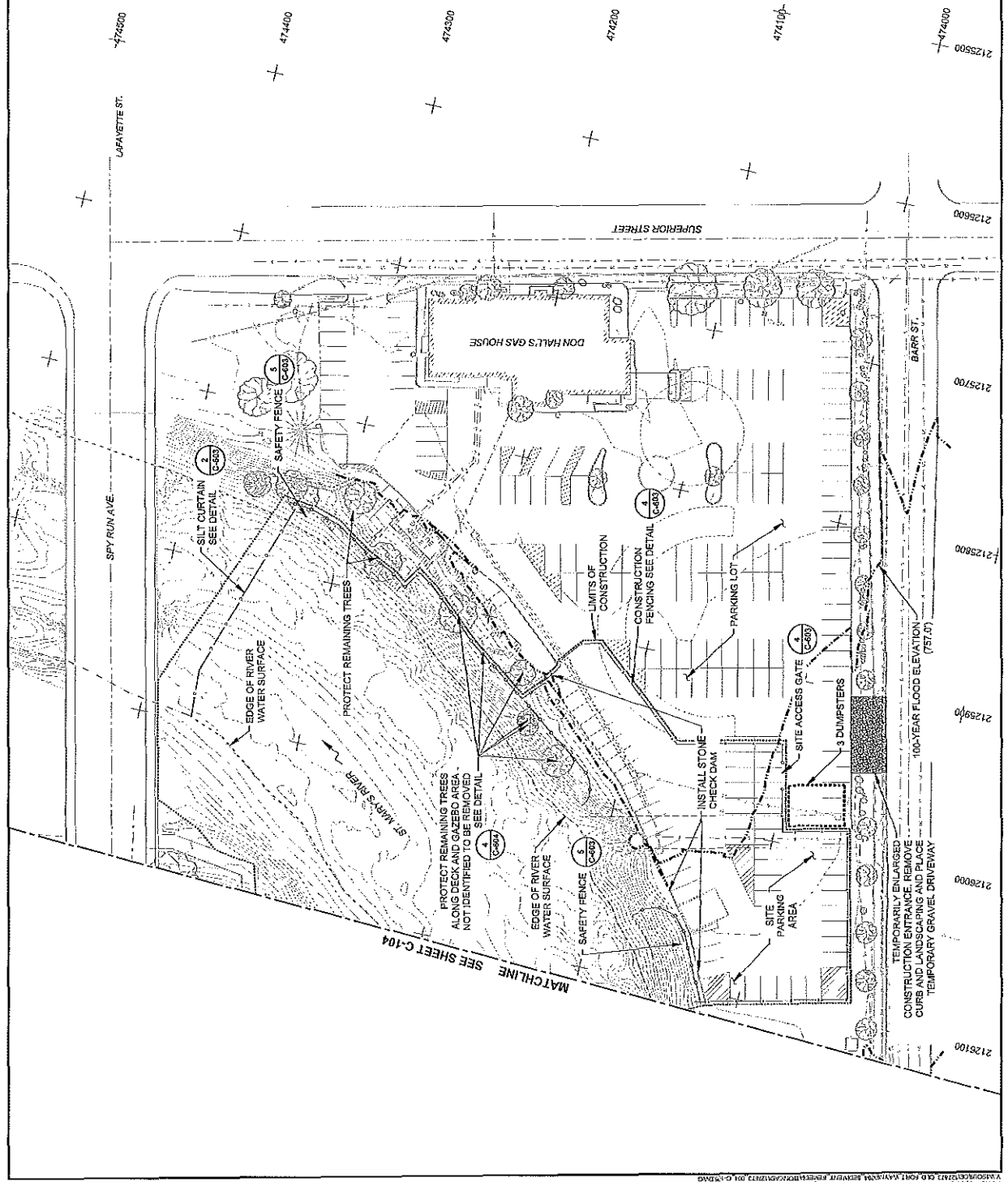
PROJECT NO.	100-000000
DATE	JULY 2011
DESIGNED BY	HALEY & ALDRICH
CHECKED BY	HALEY & ALDRICH
APPROVED BY	HALEY & ALDRICH

NO.	REVISION	DATE
1	ISSUED FOR BID	07/20/11

FORT WAYNE FORMER MGP
 ACQUISITION, DECONTAMINATION
 AND CSO OUTFALL
 IMPROVEMENT
 FORT WAYNE, INDIANA

**SITE PREPARATION
& EROSION
CONTROL PLAN -
FORMER MGP SITE**

C-105
 Sheet 9 of 25



NALEY & ALDRICH, INC.
655 Metro Plaza South, Suite 360
Dublin, OH 43017
Tel: 614.987-3600
Fax: 614.986-3011
www.naleyaldrich.com



**ISSUED
FOR BID**



KEY PLAN
NOT TO SCALE

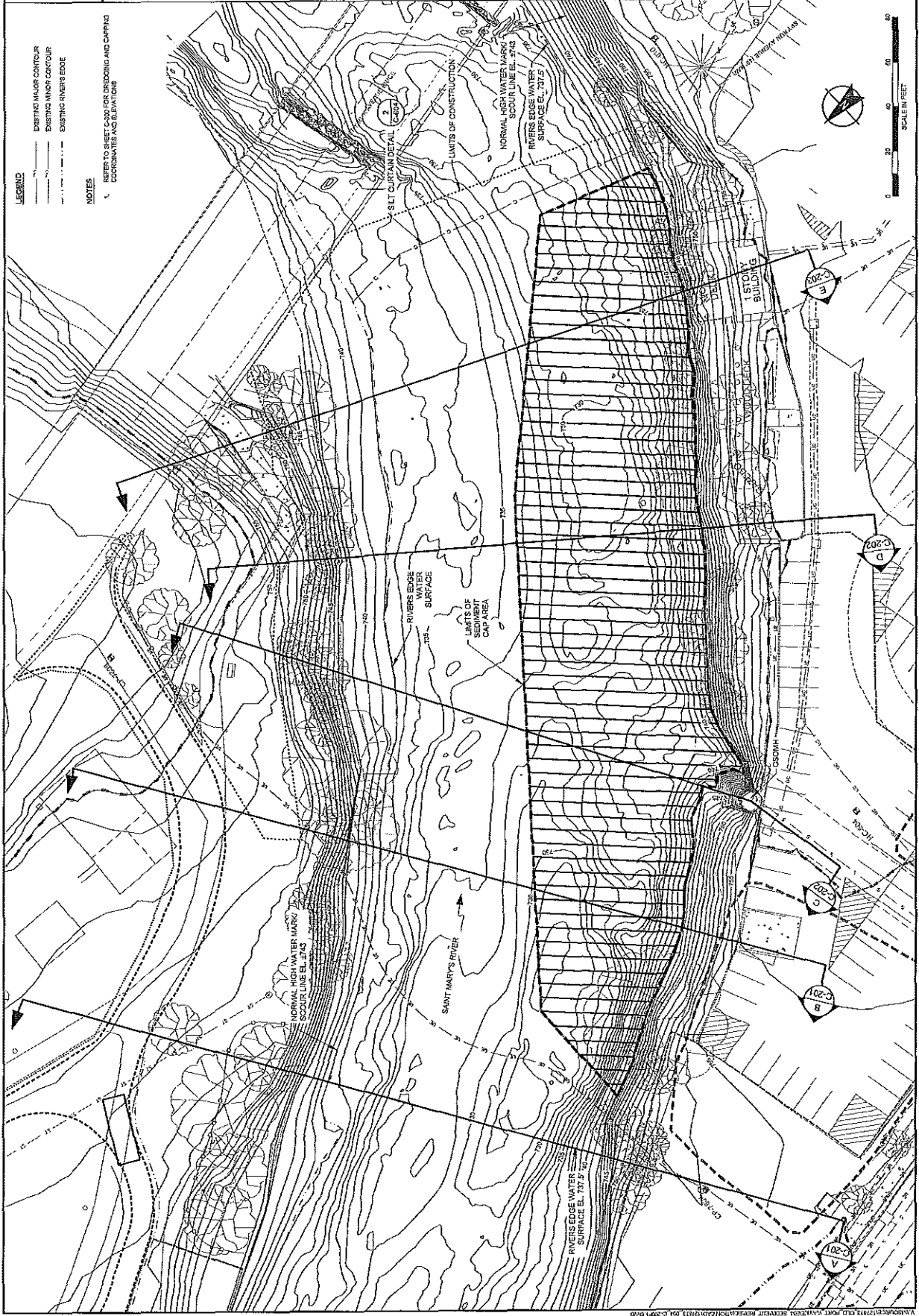
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**FORT WAYNE FORMER MGP
SEDIMENT REMEDIATION
AND CSO OUTFALL
IMPROVEMENT**

DREDGING PLAN
EXISTING
CONDITIONS

C-200A

Sheet 10 of 36



HALEY ALDRICH

HALEY & ALDRICH, INC.
688 Maple Place South, Suite 200
Fort Wayne, IN 46804
Tel: 614.790.2011
Fax: 614.790.2500
www.haleyaldrich.com



Call 611 or 800-424-6444

**ISSUED
FOR BID**

PROJECT NO.	12-076-004
DATE	JULY 2011
DESIGNED BY	HALEY & ALDRICH
CHECKED BY	HALEY & ALDRICH
APPROVED BY	HALEY & ALDRICH
SCALE	AS SHOWN

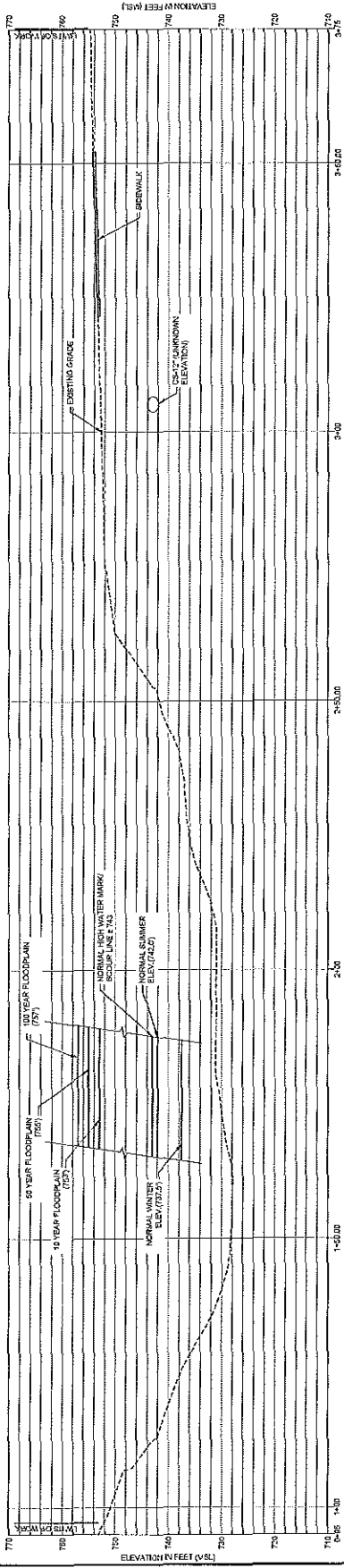
FORT WAYNE FORMER MGP
SEDIMENT REMEDIATION
AND CHANNEL
IMPROVEMENT

FORT WAYNE, INDIANA

**DREDGING
CROSS SECTIONS
A AND B**

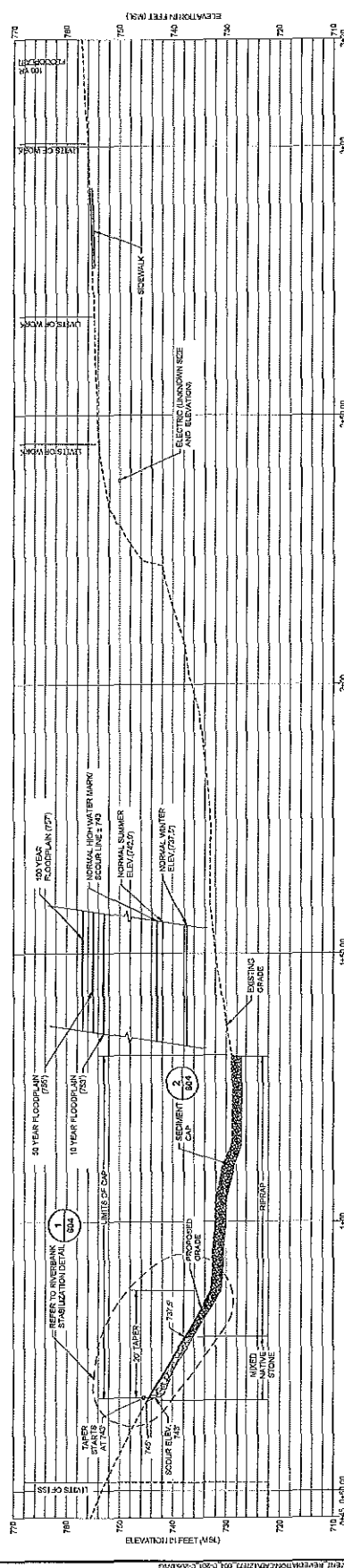
C-201

Sheet 12 of 25



A DREDGING CROSS-SECTION

SCALE AS SHOWN



B DREDGING CROSS-SECTION

SCALE AS SHOWN



**ISSUED
FOR BID**

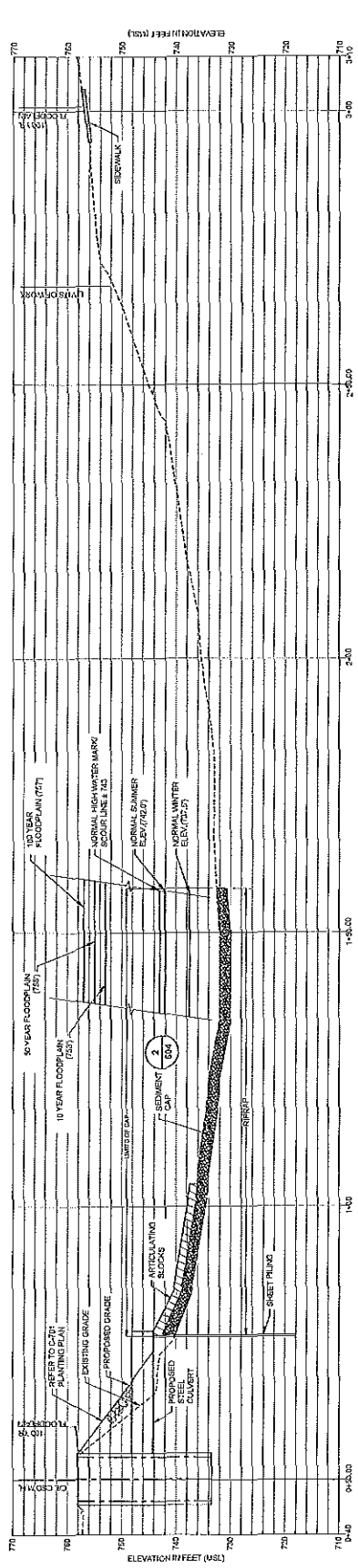
Project No.	13782-001
Scale	AS SHOWN
Date	JULY 2013
Drawn by	ROD RUP
Checked by	NDP
Reviewed by	NDP
Notes	

PORT WAYNE FORMER MGP
SEDIMENT REMEDIATION
AND CSC OUTFALL
IMPROVEMENT
PORT WAYNE, INDIANA

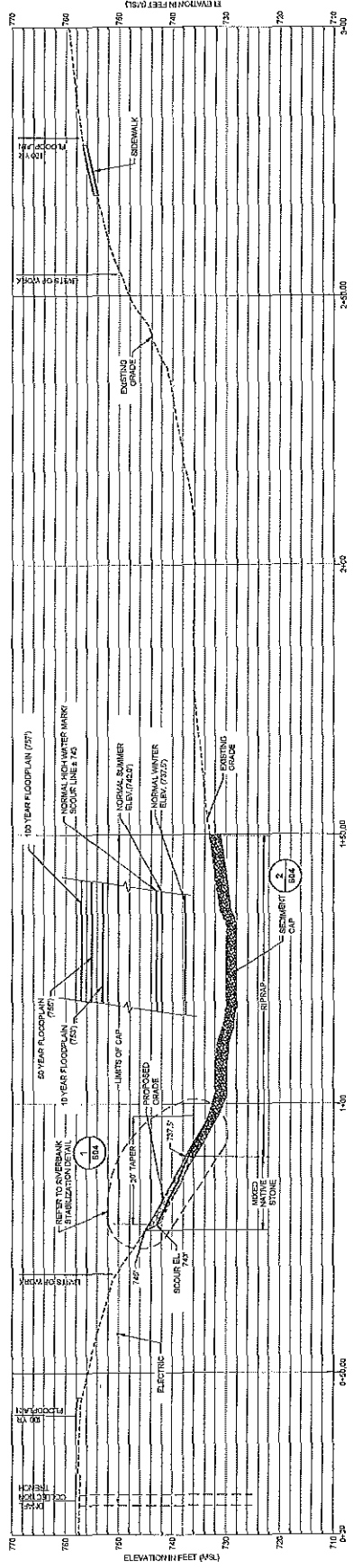
**DREDGING
CROSS SECTIONS
C AND D**

C-202

Sheet 13 of 28



C DREDGING CROSS-SECTION
SCALE AS SHOWN



D DREDGING CROSS-SECTION
SCALE AS SHOWN



HALEX
 HALEX ALUMINUM, INC.
 433 West Plaza Street, Suite 200
 Chicago, IL 60610
 Tel: 815.709.2011
 Fax: 815.709.2011
 www.halexaluminum.com

Indiana
 Call 811 or 800-485-4844

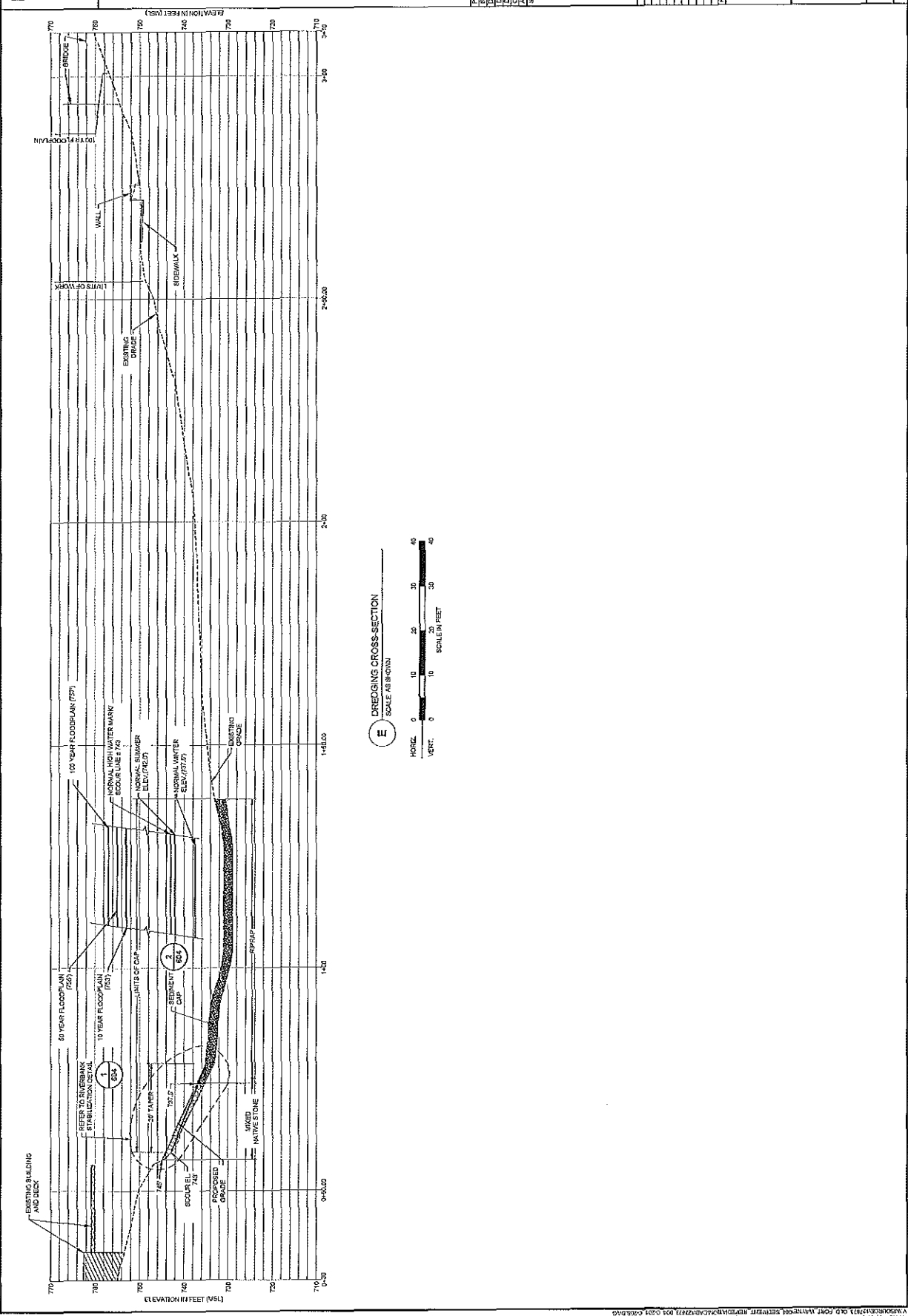
**ISSUED
 FOR BID**

Project No. 12032-04
 State IN
 County IN
 District IN
 Division IN
 Subdivision IN
 Section IN
 Sheet IN

FORT WAYNE FORMER MSP
 SEDIMENT REMEDIATION
 AND GSO OUTFALL
 IMPROVEMENT
 FORT WAYNE, INDIANA

**DREDGING
 CROSS
 SECTION E**

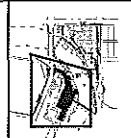
C-203
 Sheet 14 of 25



HALEY
HALEY & ALDRICH, INC.
202 Metro Plaza South, Suite 200
Fort Wayne, IN 46802
Tel: 317.877.2200
Fax: 317.877.2011
www.haleyandaldrich.com



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FOR BID



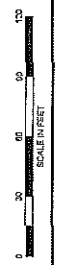
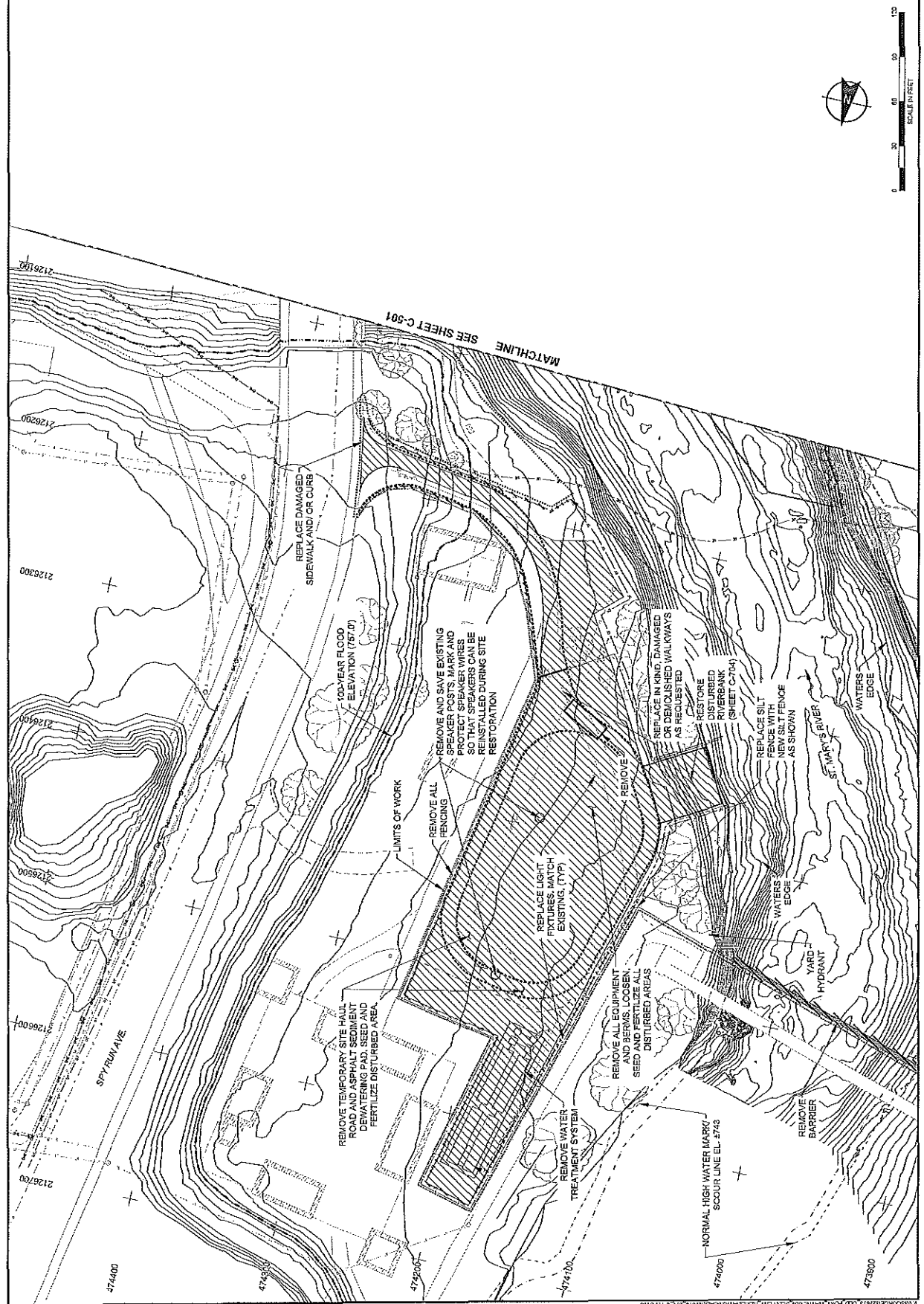
KEY PLAN NOT TO SCALE	
Project No.	17077-001
Date	JULY 2013
Client	INDIANA DEPT. OF CORRECTIONS
Design By	H.A. ALDRICH
Checked By	N.L. ALDRICH
Approved By	
Stamp	

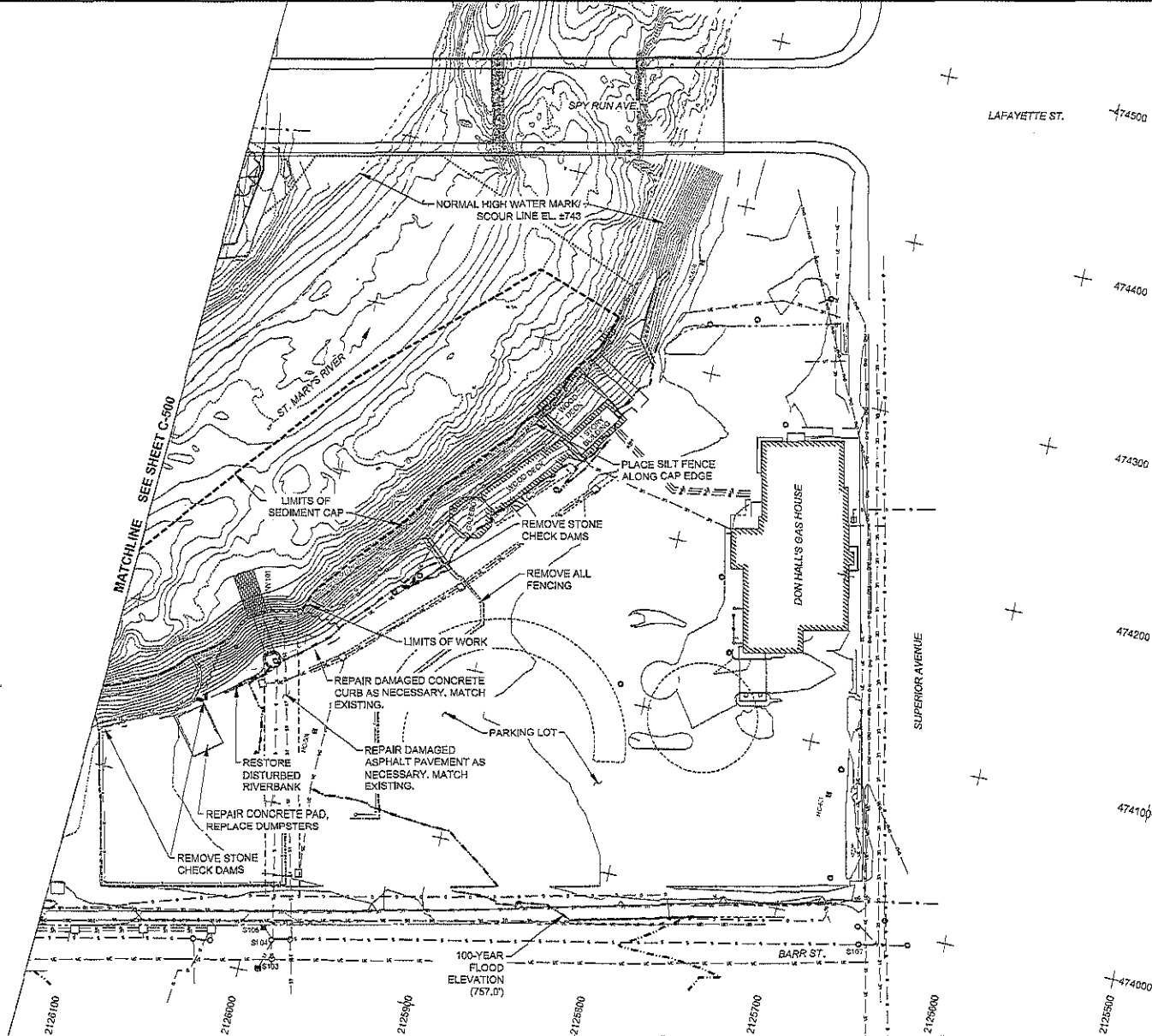
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1	SEEDING		
2	EROSION CONTROL		
3	LANDSCAPING		
4	WATER MANAGEMENT		
5	WALKWAYS		
6	FENCING		
7	RESTORATION		
8	DEMOLITION		
9	CONCRETE		
10	ASPHALT		
11	PAVING		
12	GRASS		
13	SHRUBS		
14	TREES		
15	WATER		
16	HYDRANT		
17	WALKWAY		
18	FENCE		
19	RESTORATION		
20	DEMOLITION		
21	CONCRETE		
22	ASPHALT		
23	PAVING		
24	GRASS		
25	SHRUBS		
26	TREES		
27	WATER		
28	HYDRANT		
29	WALKWAY		
30	FENCE		
31	RESTORATION		
32	DEMOLITION		
33	CONCRETE		
34	ASPHALT		
35	PAVING		
36	GRASS		
37	SHRUBS		
38	TREES		
39	WATER		
40	HYDRANT		
41	WALKWAY		
42	FENCE		
43	RESTORATION		
44	DEMOLITION		
45	CONCRETE		
46	ASPHALT		
47	PAVING		
48	GRASS		
49	SHRUBS		
50	TREES		
51	WATER		
52	HYDRANT		
53	WALKWAY		
54	FENCE		
55	RESTORATION		
56	DEMOLITION		
57	CONCRETE		
58	ASPHALT		
59	PAVING		
60	GRASS		
61	SHRUBS		
62	TREES		
63	WATER		
64	HYDRANT		
65	WALKWAY		
66	FENCE		
67	RESTORATION		
68	DEMOLITION		
69	CONCRETE		
70	ASPHALT		
71	PAVING		
72	GRASS		
73	SHRUBS		
74	TREES		
75	WATER		
76	HYDRANT		
77	WALKWAY		
78	FENCE		
79	RESTORATION		
80	DEMOLITION		
81	CONCRETE		
82	ASPHALT		
83	PAVING		
84	GRASS		
85	SHRUBS		
86	TREES		
87	WATER		
88	HYDRANT		
89	WALKWAY		
90	FENCE		
91	RESTORATION		
92	DEMOLITION		
93	CONCRETE		
94	ASPHALT		
95	PAVING		
96	GRASS		
97	SHRUBS		
98	TREES		
99	WATER		
100	HYDRANT		

FORT WAYNE FORMER MGP
SEEDING RESTORATION
AND CONCRETE
IMPROVEMENT
FORT WAYNE, INDIANA

SITE RESTORATION
PLAN - OLD FORT
AREA

C-500
Sheet 18 of 35



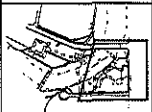


HALEY ALDRICH

HALEY & ALDRICH, INC.
 655 Metro Plaza South, Suite 300
 Dublin, OH 43017
 Tel: 614.887.3553
 Fax: 614.785.3511
 www.haleyaldrich.com

Indiana 311
 Call 311 or 1-800-313-0544

**ISSUED
 FOR BID**



**KEY PLAN
 NOT TO SCALE**

Project No.	121870-004
Station	SHOWN
Owner	INDIANA 311
Drawn By	RW, JLP
Designed By	RW, JLP
Approved By	
Stamp	

**FORT WAYNE FORMER MGP
 SEDIMENT REMEDIATION
 AND CSO OUTFALL
 IMPROVEMENT**

FORT WAYNE, INDIANA

**SITE RESTORATION
 PLAN - FORMER
 MGP SITE**

C-501

Sheet 17 of 36

HALEX
BRIGH

HALEY & ALDRICH, INC.
4600 N. ALDRICH AVE.
DUBLIN, OH 43017
TEL: 614.736.2170
FAX: 614.736.2170
www.haleyandrich.com



ISSUED
FOR BID

PROJECT NO.	121713-001
LOCATION	CHENOWETH
OWNER	INDIANA TURNPIKE
DESIGNED BY	HALEY & ALDRICH, INC.
CHECKED BY	HALEY & ALDRICH, INC.
DATE	11/11/09

NO.	DESCRIPTION	BY	DATE
1	DESIGN	HALEY & ALDRICH, INC.	11/11/09
2	REVISION	HALEY & ALDRICH, INC.	11/11/09
3	REVISION	HALEY & ALDRICH, INC.	11/11/09
4	REVISION	HALEY & ALDRICH, INC.	11/11/09
5	REVISION	HALEY & ALDRICH, INC.	11/11/09
6	REVISION	HALEY & ALDRICH, INC.	11/11/09
7	REVISION	HALEY & ALDRICH, INC.	11/11/09
8	REVISION	HALEY & ALDRICH, INC.	11/11/09
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10	REVISION	HALEY & ALDRICH, INC.	11/11/09

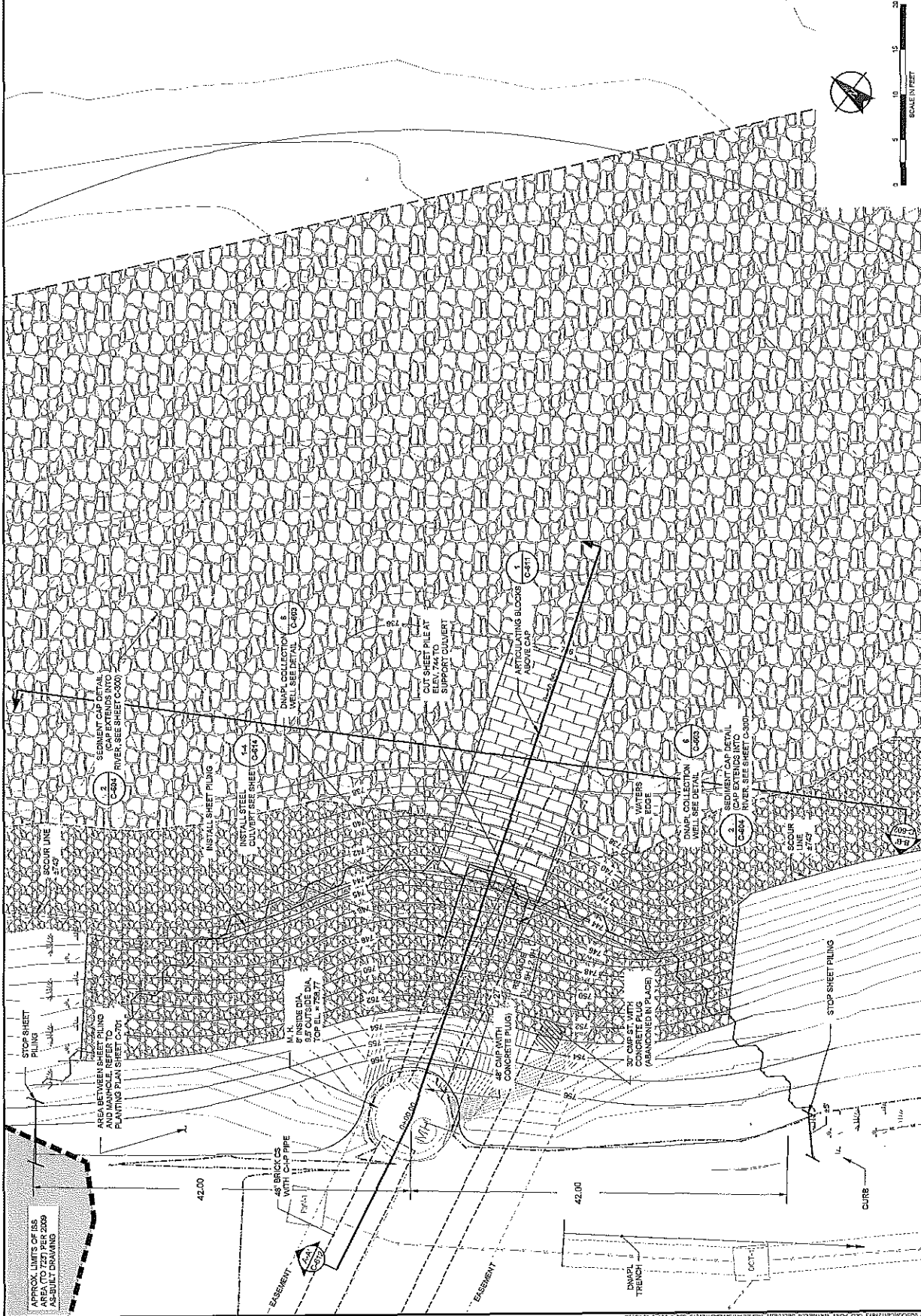
FORT WAYNE FORMER MSP
SEDIMENT REMEDIATION
AND OSC OUTFALL
IMPROVEMENT
FORT WAYNE, INDIANA



CSO PLAN

C-600

Sheet 18 of 28



APPROX. LIMITS OF ISS
AREA TO 125' PER 2009
FASSETT DRAWING

PROJECT NO. 121713-001
DATE: 11/11/09
DRAWN BY: J. ALDRICH
CHECKED BY: J. ALDRICH
SCALE: 1\"/>

**ISSUED
FOR BID**

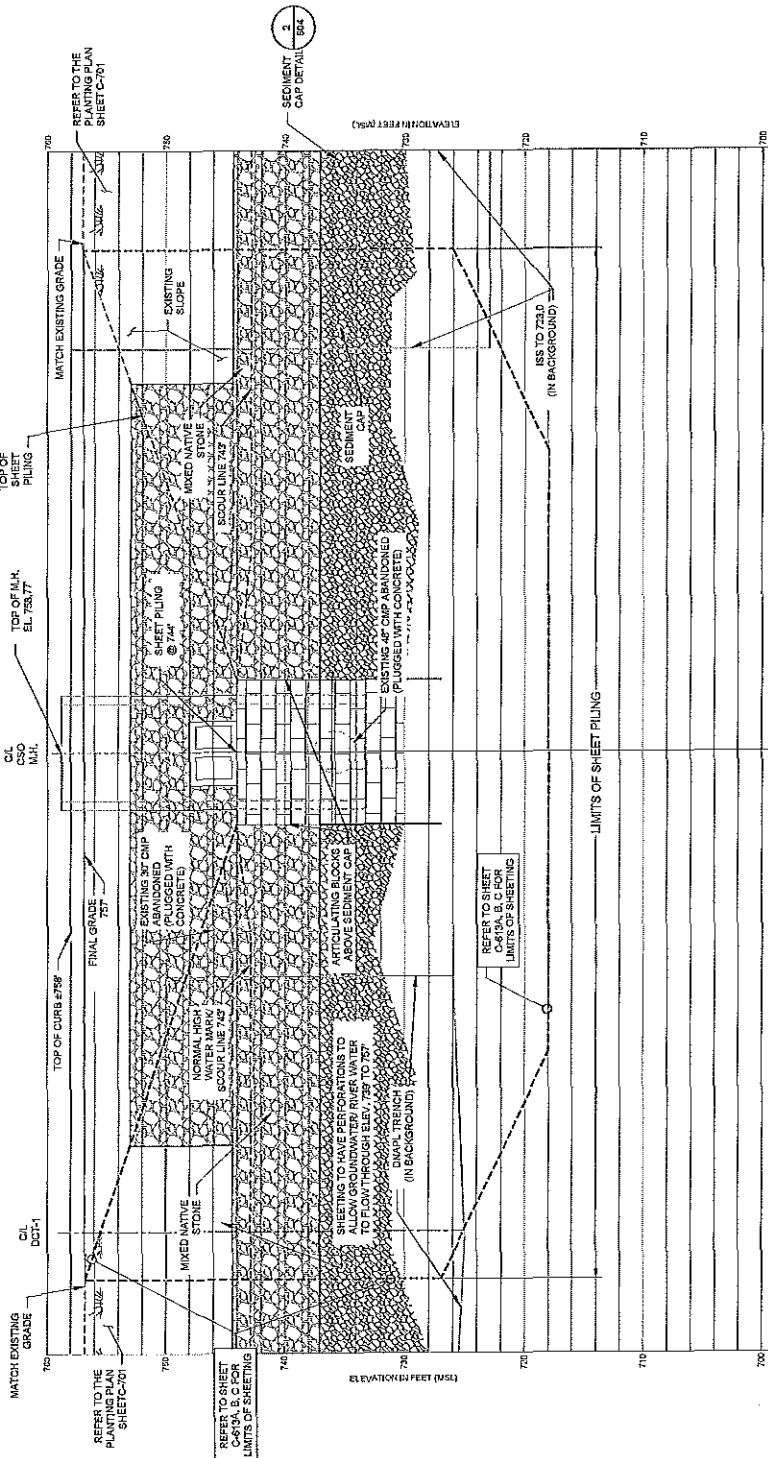
Project No.	12000-001
Client	INDIANA
City	INDIANAPOLIS
Site	11th & 12th Sts.
Contract No.	12000-001
Contract Description	PORTWAYNE FORNER MOP SEDIMENT REMEDIATION AND CSO OUTFALL IMPROVEMENT
Contract Location	PORTWAYNE, INDIANA
Contract Date	12/1/12
Contract Value	\$1,000,000

Item	Description	Quantity	Unit
1	PORTWAYNE FORNER MOP		
2	SEDIMENT REMEDIATION		
3	AND CSO OUTFALL		
4	IMPROVEMENT		

**CSO PROFILE
AND DETAILS**

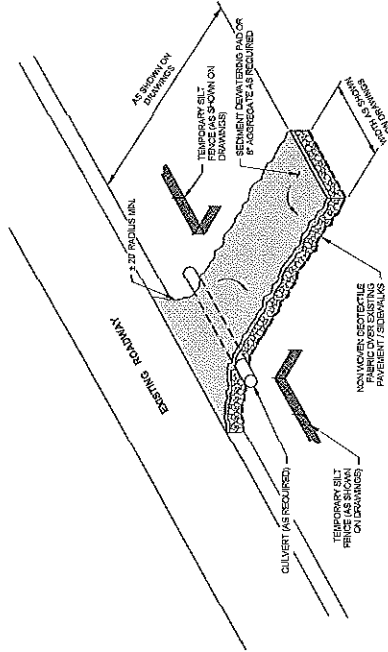
C-601

Sheet 13 of 38

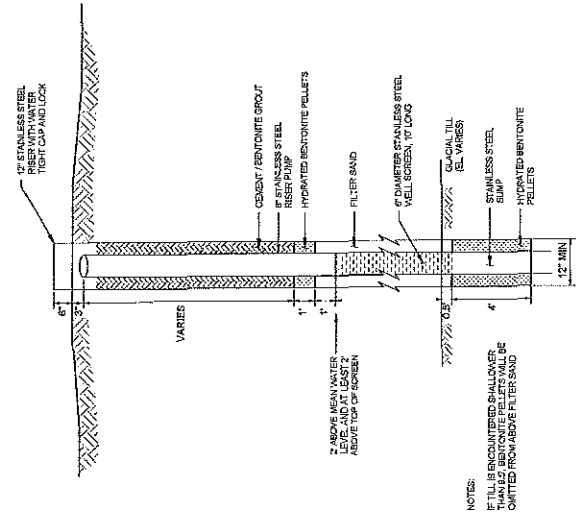


SECTION B-B'

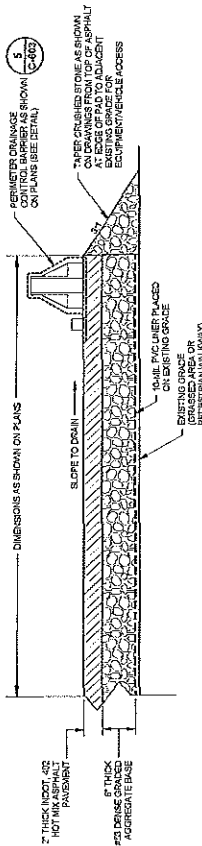




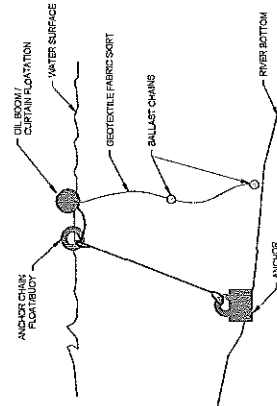
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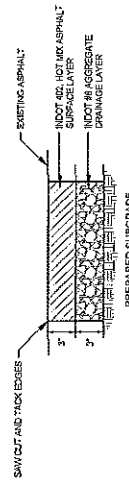
6 DNAPL COLLECTION / MONITORING WELL
SCALE: NTS



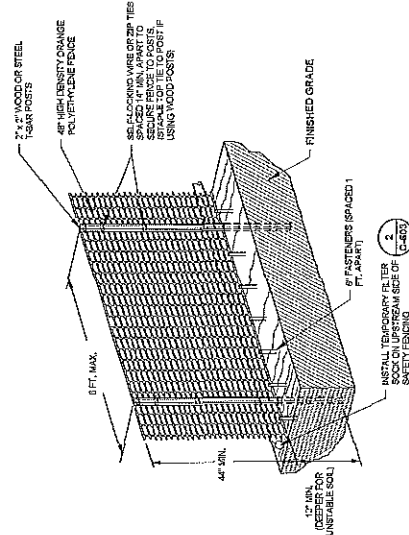
1 SEDIMENT DEWATERING PAD
SCALE: NTS



2 SILT/TURBIDITY CURTAIN DETAIL
SCALE: N/T'S

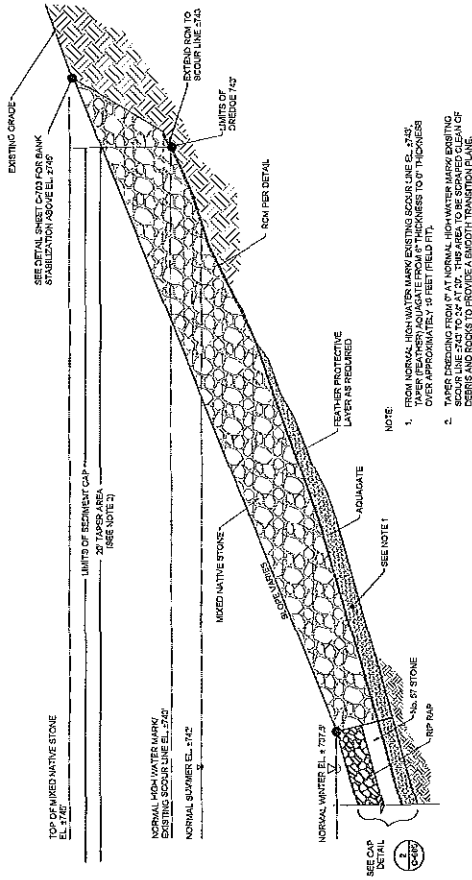


3 PAVEMENT RESTORATION SECTION
SCALE: 1" = 10'

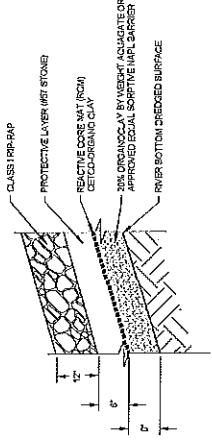


5 TEMPORARY CONSTRUCTION SAFETY FENCE
SCALANTS

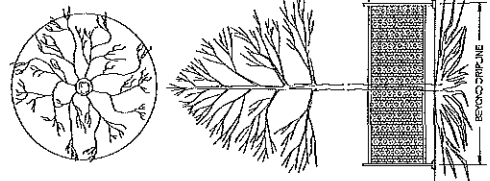
ISSUED
FOR BID



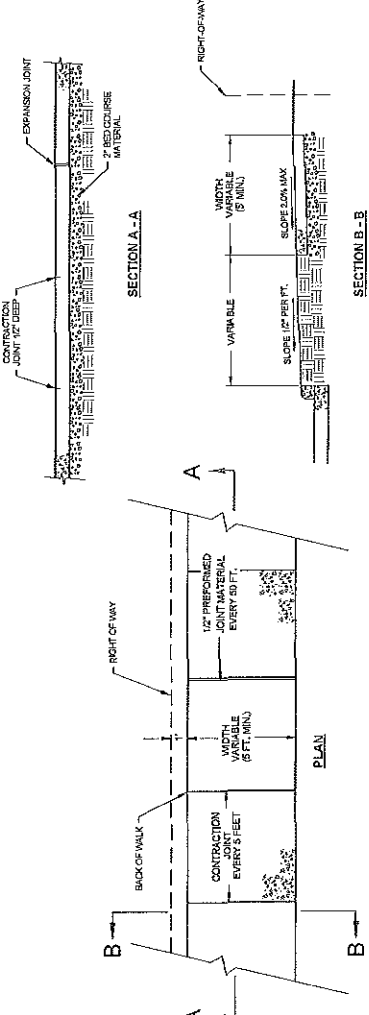
1 RIVER BANK STABILIZATION DETAIL
SCALE: 1/2\"/>



2 SEDIMENT CAP DETAIL
SCALE: NTS



4 TREE PROTECTION DETAIL
SCALE: NTS



3 PEDESTRIAN WALKWAY REPLACEMENT
SCALE: NTS

Project No.	10-027-001
Sheet No.	10-027-001
Revision	10-027-001
Drawn By	10-027-001
Checked By	10-027-001
Approved By	10-027-001
Scale	10-027-001

Project No.	10-027-001
Sheet No.	10-027-001
Revision	10-027-001
Drawn By	10-027-001
Checked By	10-027-001
Approved By	10-027-001
Scale	10-027-001

FORT WAYNE FORMER MGP
SEDIMENT REMEDIATION
AND CSO OUTFALL
IMPROVEMENT
FORT WAYNE, INDIANA

CONSTRUCTION
DETAILS

C-604

Sheet 22 of 36



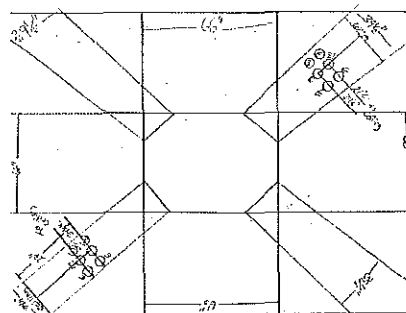
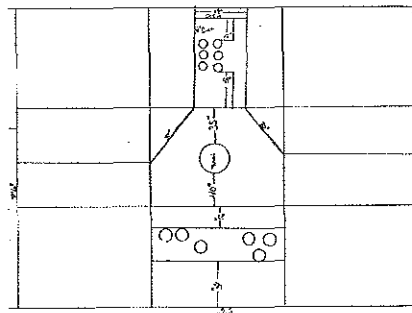
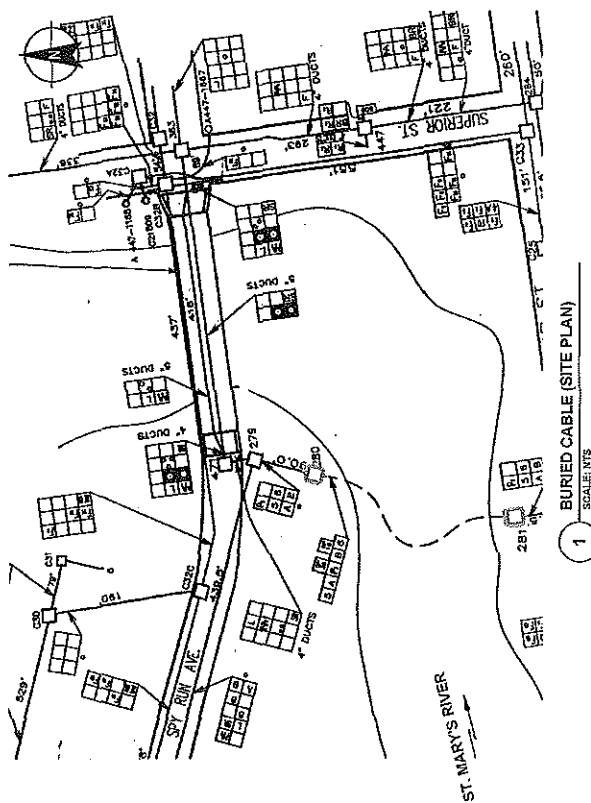
Project No.: 127873.004
Scale: SHOWN
Date: JUL 27 2018
Drawn by: SLL/BJR
Designed by: RW, NLP
Checked by: NLP
Approved by: _____
Page: 1

[illegible]

**BURIED CABLE
PLAN AND DETAILS**

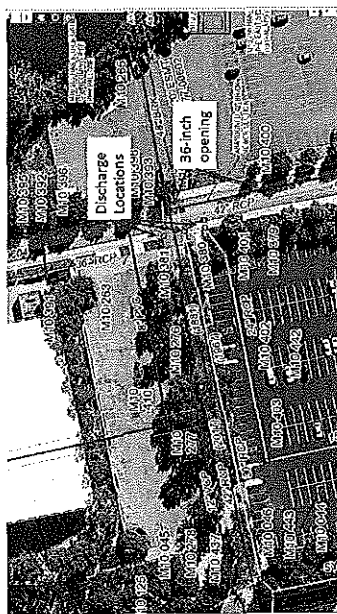
C-605

Sheet 37 of 38



ELECTRICAL

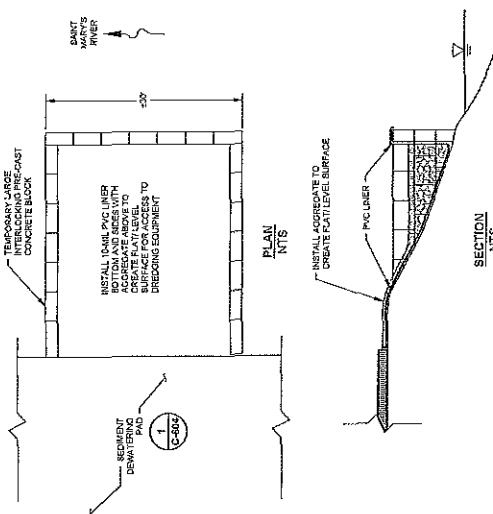
1. ELECTRICAL PLAN AND MAN-HOLE SKETCHES PROVIDED BY INDIANA MICHIGAN POWER.
2. ELECTRICAL CONTRACTOR TO CONTACT INDIANA MICHIGAN POWER, JUSTIN M. WHITE AT 200.417.0868 TO LOCATE BURIED ELECTRIC POWER LINE BENEATH S. MARY'S RIVER.
3. ELECTRICAL DUCTS MAY CONTAIN OIL VERSUS WITH INDIANA MICHIGAN POWER.



- [illegible]

STAND-BY PUMPING STATION FOR CSO OPERATION DURING CONSTRUCTION

SCALE: NTS



EQUIPMENT ACCESS AREA

SCALE: NTS

1

**ISSUED
FOR BID**

Project No.	137B73 D04
Scale	SHOWN
Date	JULY 2018
Drawn by	JUL SQR
Designed by	RW, NLP
Checked by	NLP
Approved by	—

[illegible]

Rev.	Description	By	Date
	FORT WAYNE FORMER MGP SEDIMENT REMEDIATION AND CSO OUTFALL IMPROVEMENT		

FORT WAYNE, INDIANA

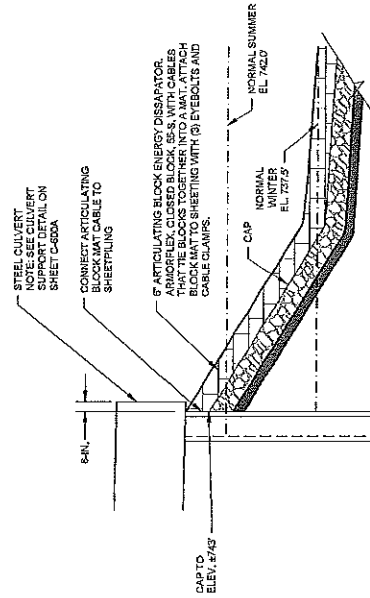
CSO PLAN - PROPOSED
CONDITIONS AND
DETAILS

C-611

Page 26 of 35

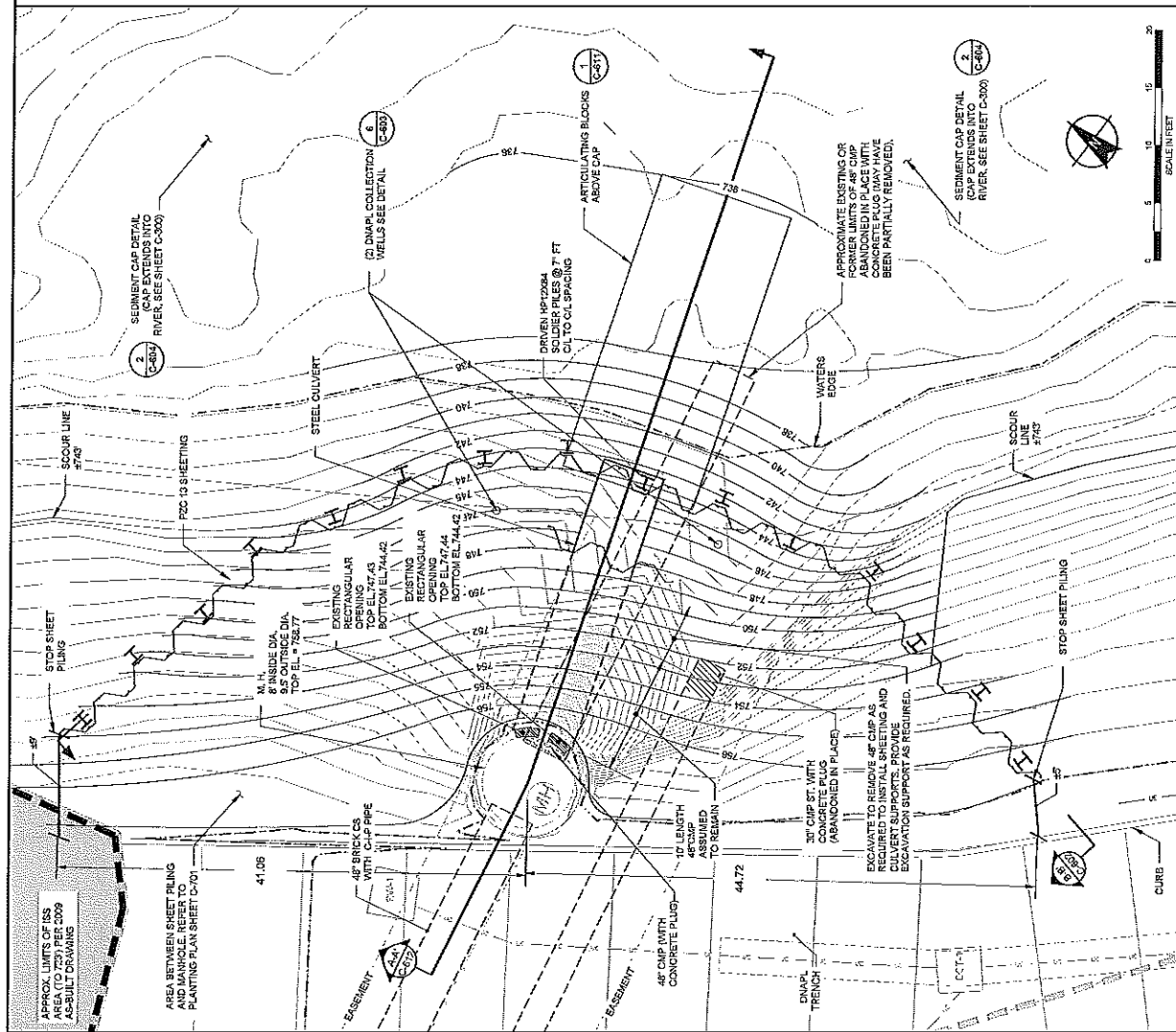
GENERAL NOTES

1. PERMANENT STEEL SHEETING SHALL BE NEW GRADE 50 F22-13 SIZES.
2. ALL STRUCTURAL WIDE FLANGE BECTIONS SHALL BE GRADE 50.
3. ALL PLATE STEEL SHALL BE ASTM A58, UNLESS NOTED OTHERWISE.
4. STRUCTURAL BACKFILL (AS CALLED OUT ON THE DRAWINGS) SHALL BE UNDISTURBED, UNFROZEN, UNCOMPRESSIBLE, DEPTHI, COMPACTED 99% STANDARD PROCTOR OR AS APPROVED BY ENGINEER, PLACE IN 6" LIFTS MAXIMUM.
5. DRAINAGE BACKFILL AS CALLED OUT ON THE DRAWINGS SHALL BE MEDIUM COARSE AGGREGATE, PLACE DRAINAGE BACKFILL ADJACENT TO THE WEAP HOLDS CUT IN SHEETING AND ADJACENT TO THE VERTICLET FILTERING FABRIC (MINIART 140 IN EQUM) FROM ELEV. 738 TO 11' 42".
6. BACKFILL WITHIN 6" IN. BELOW AND ADJACENT TO THE BOX CURBLET SHALL BE MEDIUM CO. NO. 11 OR NO. 12 COARSE AGGREGATE, CAREFULLY PLACED AND HAND TAMPED.
7. ALL PERMANENT STEEL SHEETING SHALL BE INSTALLED INTO TO THE DENSE GLACIAL TILL SOIL, TO THE TIP ELEVATIONS SHOWN.
8. SHEETING MUST ACHIEVE A HYDRAULIC CUT OFF THROUGH EMBEDMENT IN THE GLACIAL TILL.
9. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE SHEETING AND LAYOUT COMPLETE WITH CONSTRUCTION CONTROL POINTS FOR APPROVAL.
10. PLUMBS SHALL BE DRIVEN BY APPROVED METHODS SO AS NOT TO SUBJECT THE PLUMBS TO DAMAGE AND TO INSURE PROPER PLUMBING. PLUMBS SHALL BE DRIVEN TO THE FULL DEPTHI DURING DRAWING OR DRIVEN OUT OF INTERLOCK SHALL BE REMOVED AND REPLACED.
11. PROTECT EXISTING ADJACENT STRUCTURES SUCH AS THE GSD MANHOLE FROM DAMAGE DURING SHEETPILE INSTALLATION.
12. SOLDIER PILES THAT WILL BE INSTALLED FLUSH AGAINST A EXISTING PILE SHALL HAVE BONDING PLATES WELDED TO THE PILE. PILES THAT WILL BE INSTALLED IN PLACE SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.



1 ARTICULATING BLOCK AND CAP DETAIL
SCALE: 1" = 3"

**SOLDIER
PILES WITH
SHEETING
ALTERNATIVE**



HALEX
ALEX BRICH

HALEX, ALEX BRICH, INC.
625 Lake Plaza Drive, Suite 200
Columbus, OH 43072
Tel: 614.798.3311
Fax: 614.798.3311
www.halexbrich.com

Call 614.798.3311

ISSUED
FOR BID

Project No.: 13797-0-004
Drawn by: J. B. BROWN
Checked by: J. B. BROWN
Approved by: J. B. BROWN
Stamp

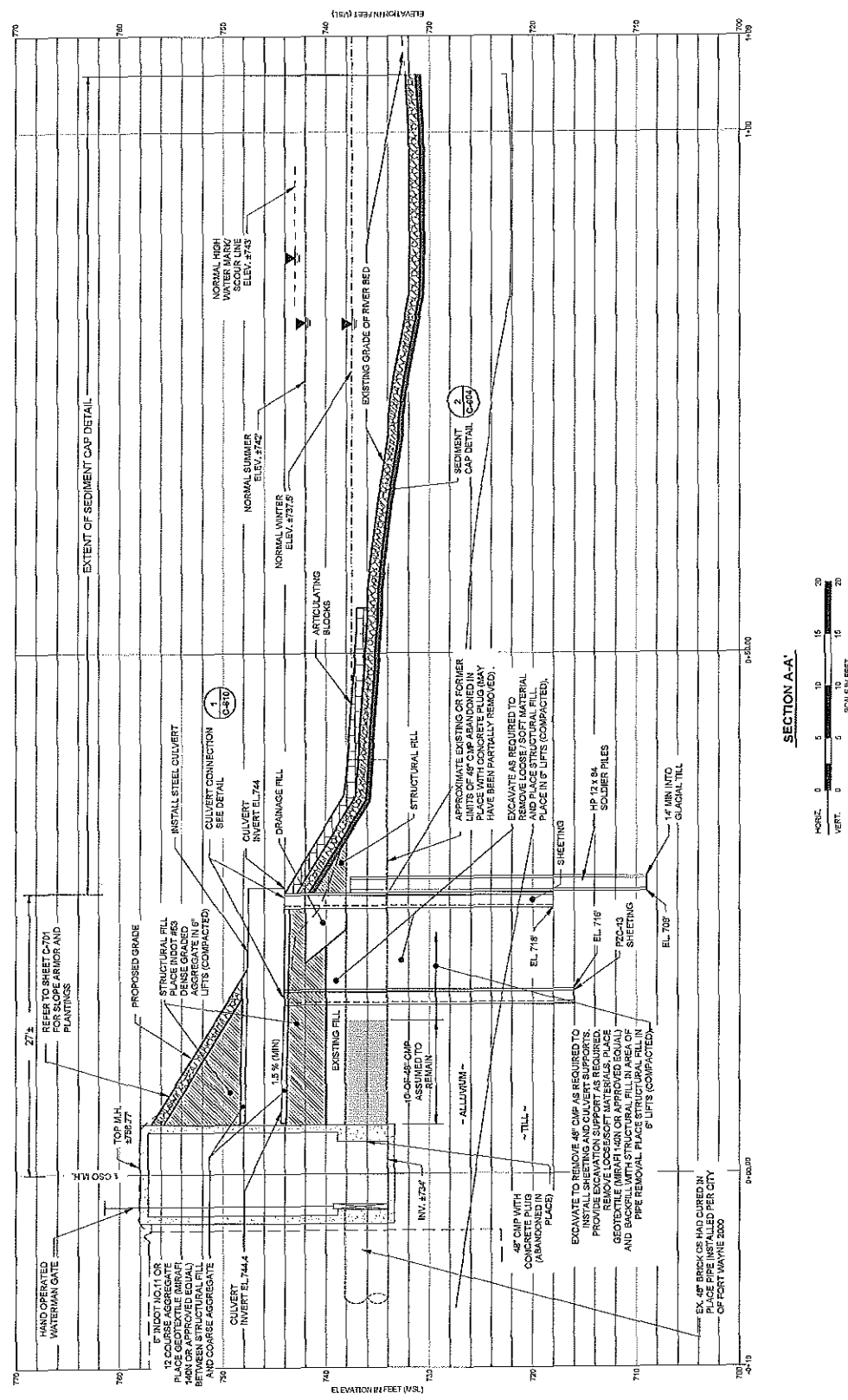
Fort Wayne Former MGP
Sediment Remediation
and CSO Outfall
Improvement
Fort Wayne, Indiana

CSO PLAN -
SECTION A-A
ELEVATION ALONG
CULVERT

C-612

Sheet 27 of 35

SOLDIER
PILES WITH
SHEETING
ALTERNATIVE



SECTION A-A'



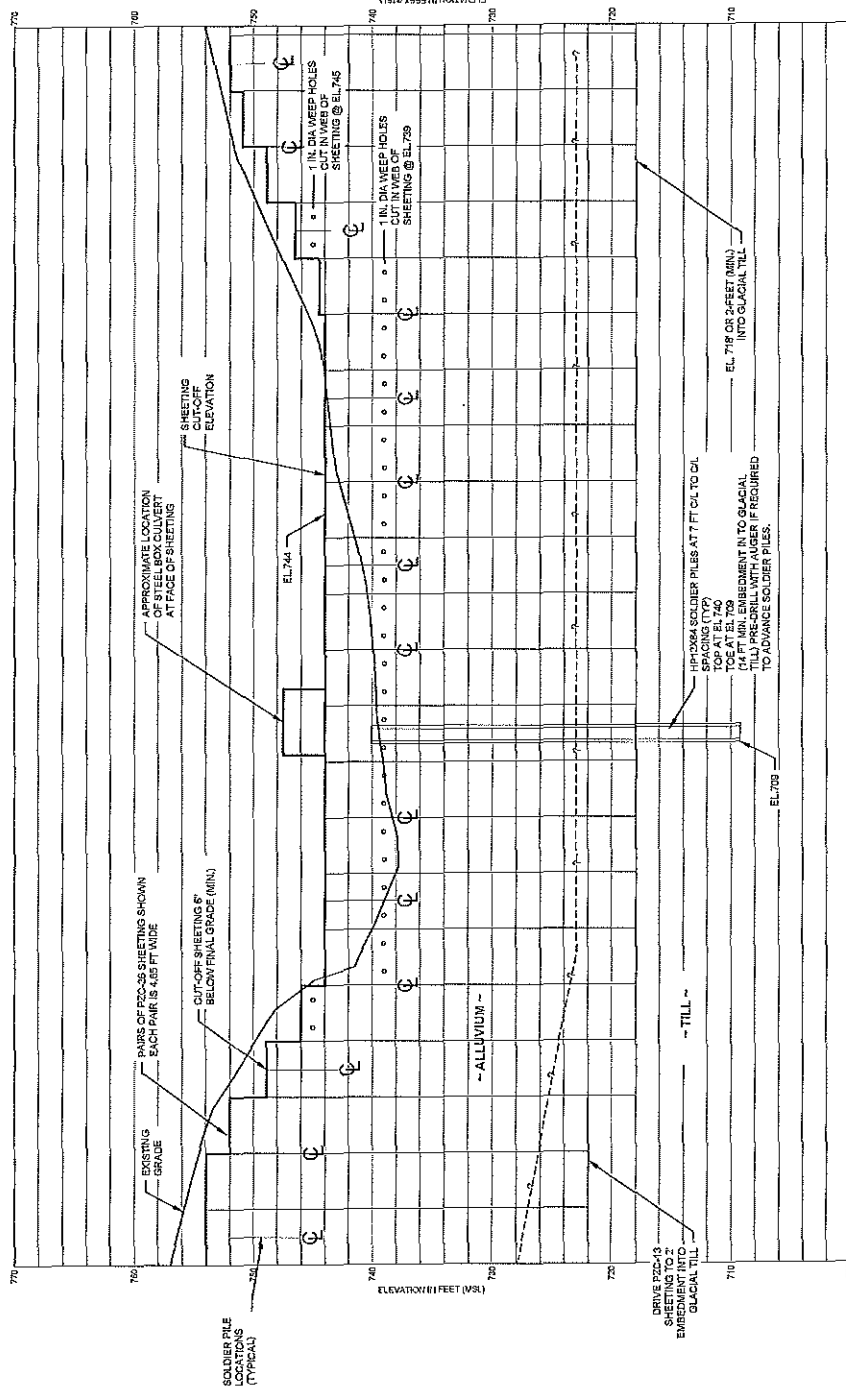
NO.	REVISION	DATE
1	ISSUED FOR BID	01/15/2011

FORT WAYNE FORMER MSP
 SEDIMENT REMEDIATION
 AND CSO OUTFALL
 IMPROVEMENT
 FORT WAYNE, INDIANA

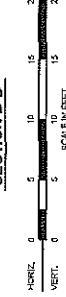
CSO PLAN -
 SECTION B-B'
 ELEVATION ALONG
 SHEETING
 ALIGNMENT

C-613
 Sheet 29 of 35

**SOLDIER
PILES WITH
SHEETING
ALTERNATIVE**



SECTION B-B'



- NOTES**
1. SOIL STRATUM ARE INTERPRETED FROM BOUNCES AND ACTUAL CONDITIONS WILL VARY.

SPECIALTY ENGINEERING

- [illegible]

GENERAL NOTES

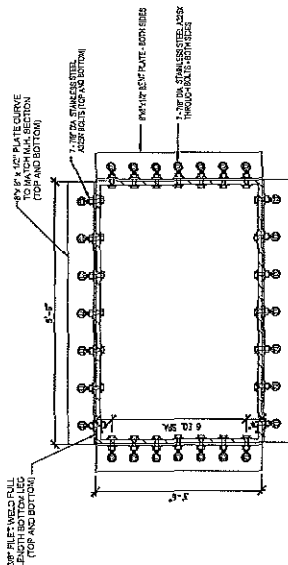
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TEEL CONNECTION NOTES

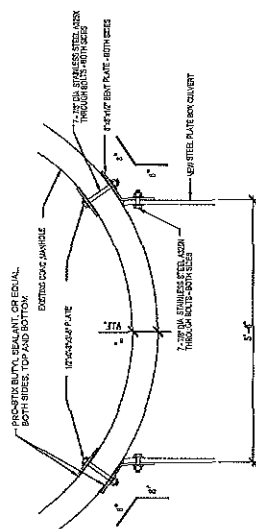
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STRUCTURAL STEEL NOTES

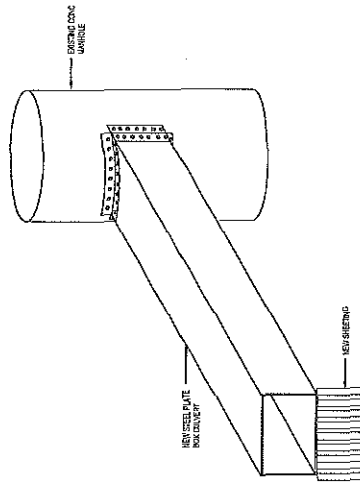
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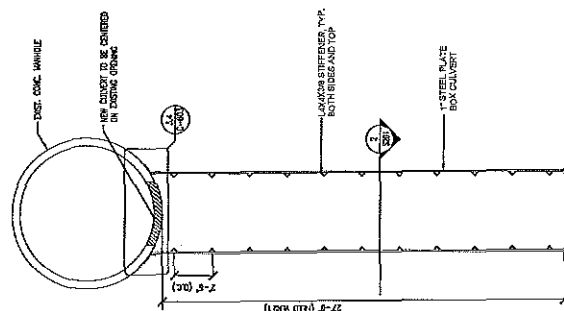
SECTION/ELEVATION



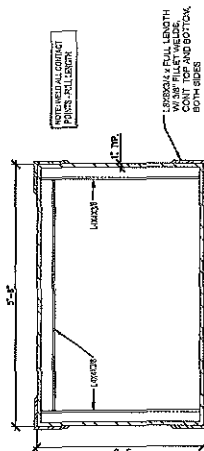
4



5 ISOMETRIC - FOR REFERENCE ONLY
NOT TO SCALE



1 BOX CULVERT PLAN
SCALE: 1/4" = 1'-0"



SECTION 2
SCALE: 1/4" = 1'-0"



HALEY ALDRICH
HALEY & ALDRICH, INC.
655 Morris Place South, Suite 300
Dublin, OH 43017
Tel: 614.987.9920
Fax: 614.760.2011
www.haleyaldrich.com



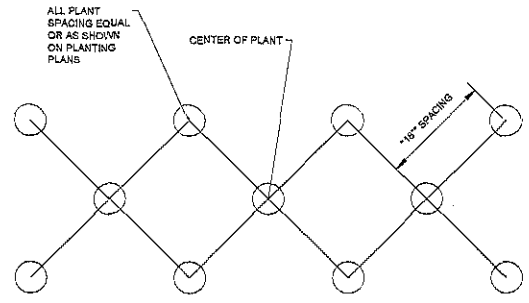
PLANTING SCHEDULE

TREES & SHRUBS

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
AS	Acer saccharum	Sugar Maple	B&B		4

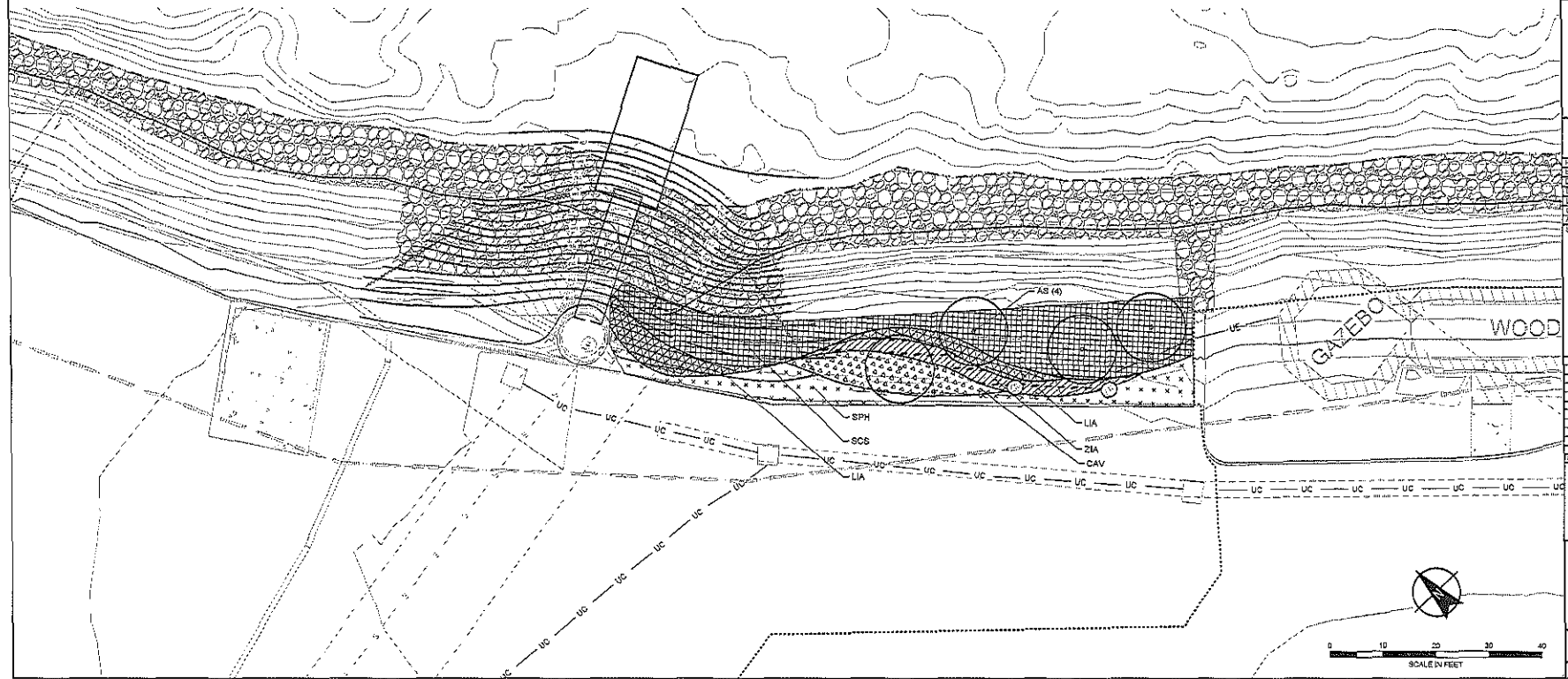
PERRENIALS

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
LIA	Liatris aspera	Rough Blazing Star	Plugs	18" o.c.	95
CAV	Carex vulpinoidea	Fox Sedge	Plugs	18" o.c.	90
SPH	Sporobolus heterolepis	Prairie Dropseed	Plugs	18" o.c.	175
SCS	Schizachyrium scoparium	Little Bluestem	Plugs	18" o.c.	403
ZIA	Zizia aurea	Golden Alexanders	Plugs	18" o.c.	65



PLANT SPACING
NOT TO SCALE

NOTE: 3" HARDWOOD MULCH APPLIED OVER ENTIRE PLANTING AREA.



ISSUED FOR BID



KEY PLAN
NOT TO SCALE

Project No.	21710-508
Scale	NOT TO SCALE
Drawn by	JAN-MTH
Designed by	MR-LS
Checked by	JS
Approved by	



Rev	Description	By	Date

FORT WAYNE FORMER MGP
SEDIMENT REMEDIATION
AND CSD OUTFALL
IMPROVEMENT
FORT WAYNE, INDIANA

RIVERBANK
LANDSCAPE
PLAN

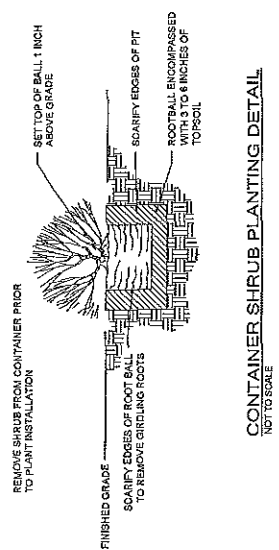
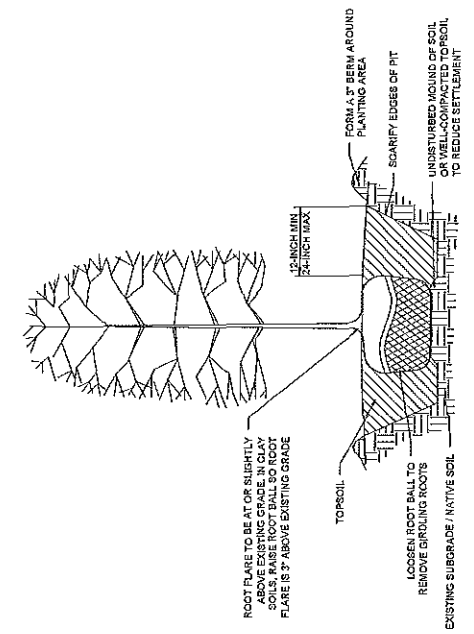
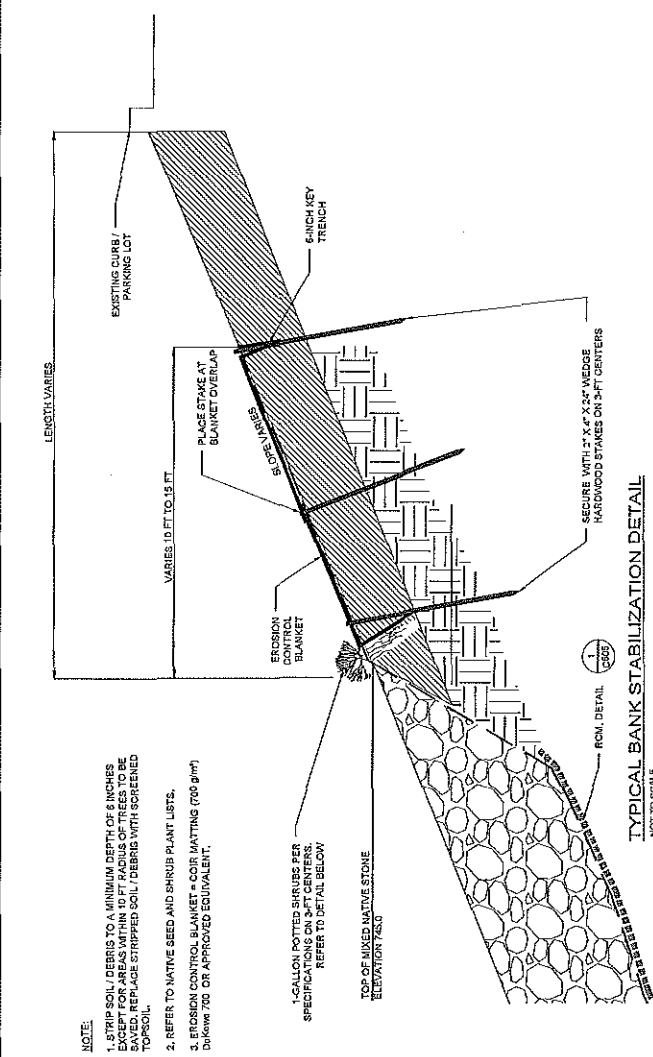
C-702
Sheet of



NATIVE SEED MIX (FOR HALL'S SIDE OF RIVER)

Native Seed Mix	
Botanical Name	Common Name
<i>Andropogon gerardii</i>	Big Bluestem
<i>Bouteloua curtipendula</i>	Side Oats Grama
<i>Carex brevifolia</i>	Prairie Oat Sedge
<i>Carex distachya</i>	Coastal Sedge
<i>Carex maritima</i>	Florida Marsh Sedge
<i>Elymus canadensis</i>	Canada Wild Rye
<i>Hordeum jubatum</i>	Jointed Brome
<i>Monarda mollis</i>	Wild Bergamot
<i>Sorghastrum nutans</i>	Indigo Grass
Total	68.50
<i>Asclepias tuberosa</i>	Common Milkweed
<i>Asclepias syriaca</i>	Bladder Weed
<i>Chamaecrista fasciculata</i>	Partridge Pea
<i>Centaurea jacea</i>	Sand Centaury
<i>Centaurea palustris</i>	Prairie Centaury
<i>Echinacea purpurea</i>	Broad-leaved Purple Coneflower
<i>Euphorbia corollata</i>	Flowering Spurge
<i>Euphorbia perfoliata</i>	Wild Lullaby
<i>Lupinus perennis</i>	Wild Lupine
<i>Monarda mollis</i>	Wild Bergamot
<i>Penstemon digitalis</i>	Forget-me-not
<i>Rubus odoratus</i>	Yellow Blackberry
<i>Rubus idaeus</i>	Blackberry
<i>Solidago canadensis</i>	Goldenrod
<i>Symphytum officinale</i>	Comfrey
<i>Thalictrum flavum</i>	Black-flowered Thalictrum
<i>Thalictrum minus</i>	Black-flowered Thalictrum
Total	42.25
<i>Avena sativa</i>	Common Oat
<i>Lolium multiflorum</i>	Annual Ryegrass
Total	808.00

Botanical Name	Common Name	Quantity
<i>Andropogon gerardii</i>	Big Bluestem	255
<i>Bouteloua curtipendula</i>	Side Oats Grama	245
Total	500	500



ISSUED FOR BID



KEY PLAN
 NOT TO SCALE



POST MAYBE FORMER MSP
 SEDIMENT REMEDIATION
 AND CSO OUTFALL
 IMPROVEMENT
 FORT WAYNE, INDIANA

DETAILS

C-703

Sheet



HALEX
ALEXANDER INC.
255 West State Street, Suite 300
Indianapolis, IN 46201
Tel: 317.762.2000
Fax: 317.762.2011
www.halexinc.com

Legend
Proposed Path
to Water

- Native Plant
- Native Shrub
- Native Tree
- Native Grass
- Native Vine
- Native Stone
- Native Rock
- Native Sand
- Native Soil
- Native Plant
- Native Shrub
- Native Tree
- Native Grass
- Native Vine
- Native Stone
- Native Rock
- Native Sand
- Native Soil

ISSUED FOR BID

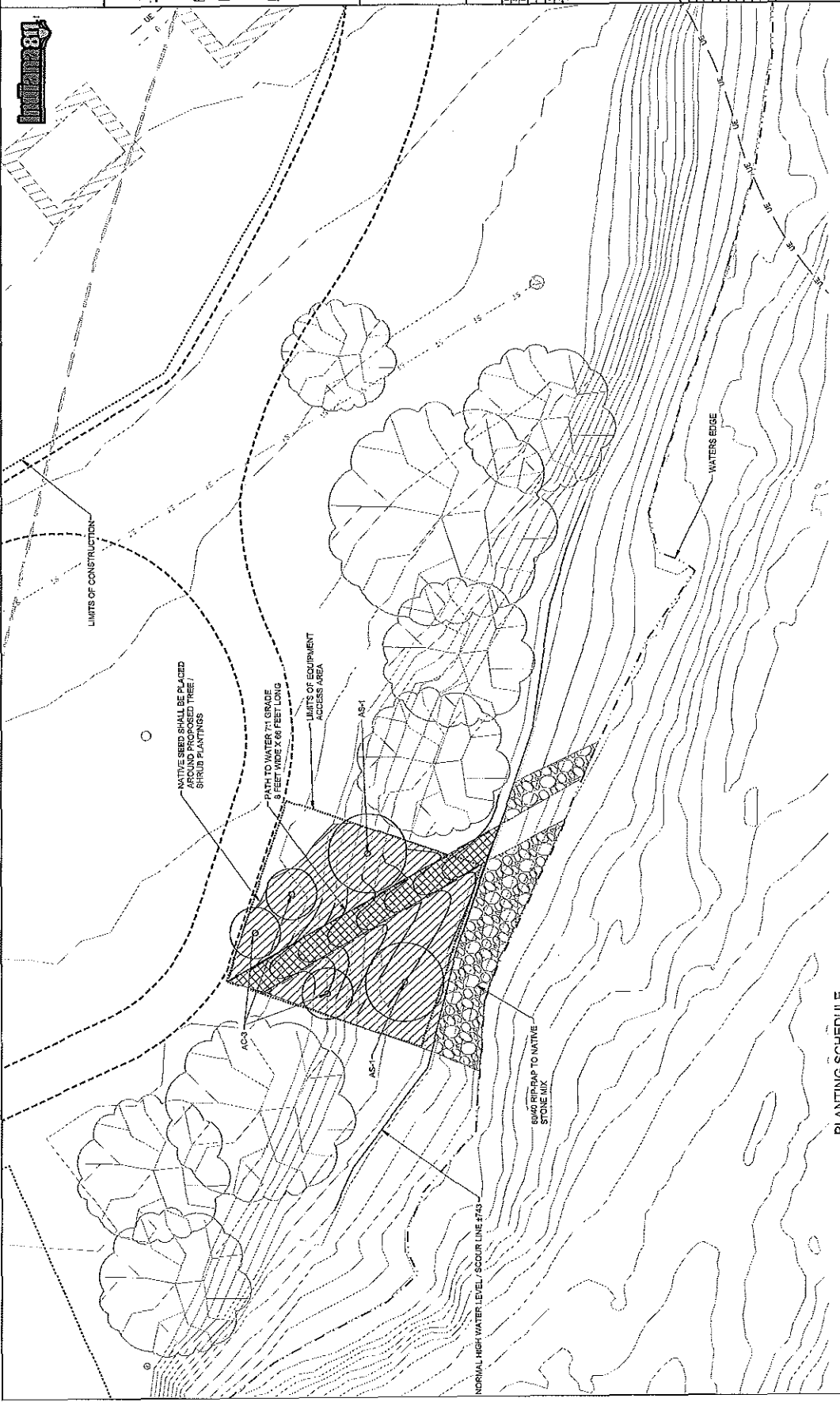


NOT TO SCALE
Project No. 1707000
Scale: 1" = 10' HORIZ.
1" = 20' VERT.
Drawn by: J. L. 10/10/2011
Checked by: J. L. 10/10/2011
Approved by: J. L. 10/10/2011
Revised by: J. L. 10/10/2011



PLANTING SCHEDULE
TREES AND SHRUBS
SYMBOL BOTANICAL NAME
AC Amelanchier canadensis
AS Acer saccharum

RIVER ACCESS PATH AREA DETAILS
C-704
Sheet 1 of 1



0 10 20 30 40
SCALE IN FEET

SIZE	QTY
1-Gallon	3
B&B	2

COMMON NAME
Serviceberry
Sugar Maple

SEED MIX FOR FORT SIDE OF RIVER

Midwestern Riparian Mix WS2

Botanical Name	Common Name	Ounces per Acre
Grasses, Sedges and Rushes:		
<i>Carex frankii</i>	Frank's Sedge	1.50
<i>Carex granularis</i>	Meadow Sedge	1.50
<i>Carex lupulina</i>	Hop Sedge	1.00
<i>Carex muskingumensis</i>	Muskingum Sedge	2.00
<i>Carex normalis</i>	Larger Straw Sedge	3.00
<i>Carex shortiana</i>	Short's Sedge	1.50
<i>Cinna arundinacea</i>	Stout Wood Reedgrass	3.00
<i>Elymus canadensis</i>	Canada Wild Rye	35.00
<i>Elymus riparius</i>	Riverbank Wild Rye	4.00
<i>Elymus virginicus</i>	Virginia Wild Rye	35.00
<i>Glyceria striata</i>	Fowl Manna Grass	2.00
<i>Leersia oryzoides</i>	Rice Cut Grass	3.00
<i>Panicum virgatum</i>	Switch Grass	4.00
<i>Scirpus atrovirens</i>	Dark Green Rush	2.00
<i>Scirpus pendulus</i>	Drooping Bulrush	1.00
Total		101.50

Forbs:

<i>Ageratina altissima</i>	White Snakeroot	1.50
<i>Asclepias incarnata</i>	Marsh Milkweed	2.00
<i>Bidens cernua</i>	Nodding Bur Marigold	2.00
<i>Eutrochium purpureum</i>	Purple Joe Pye Weed	2.00
<i>Helenium autumnale</i>	Common Sneezeweed	1.50
<i>Helopsis helianthoides</i>	False Sunflower	2.00
<i>Mimulus ringens</i>	Alleghany Monkey Flower	0.50
<i>Rudbeckia laciniata</i>	Cut-Leaf Coneflower	2.00
<i>Rudbeckia triloba</i>	Brown-Eyed Susan	1.00
<i>Senna hebecarpa</i>	Wild Senna	2.00
<i>Silphium perfoliatum</i>	Cup-Plant	1.50
<i>Symphoricarum novae-angliae</i>	New England Aster	1.00
<i>Verbesina alternifolia</i>	Wingstem	2.00
<i>Zizia aurea</i>	Golden Alexander	1.00
Total		22.00

Temporary Cover:

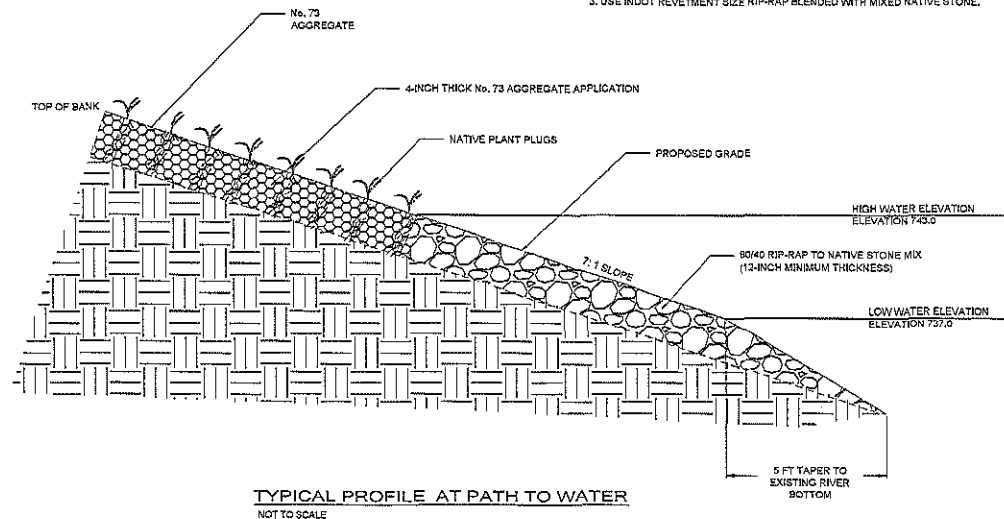
<i>Avena sativa</i>	Seed Oats	360.00
<i>Lolium multiflorum</i>	Annual Rye	100.00
Total		460.00

Native Plants for River Access Area Path

Botanical Name	Common Name	Plugs (Qty)
<i>Juncus tenuis</i>	Path or Trail Rush	2112

NOTE:

1. NATIVE PLANT PLUGS INSTALLED ON 6-INCH CENTERS WITHIN PATH.
2. DISTURBED AREAS SHALL BE RESTORED WITH MIDWESTERN RIPARIAN MIX WS2 AND EROSION CONTROL BLANKET, SEE THIS SHEET FOR SEED MIX.
3. USE INDOT REVETMENT SIZE RIP-RAP BLENDED WITH MIXED NATIVE STONE.



TYPICAL PROFILE AT PATH TO WATER
NOT TO SCALE



HALEY ALDRICH

HALEY & ALDRICH, INC.
655 Metro Place South, Suite 360
Colum, OH 43017
Tel: 614.987-0200
Fax: 614.987.3011
www.haleyaldrich.com

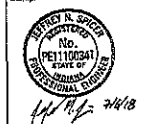


ISSUED
FOR
BID



KEY PLAN
NOT TO SCALE

Project No. 17210-150
Title: NOT TO SCALE
Date: JULY 2018
Drawn By: CDD
Checked By: JLS-JS
Designed By: JS
Approved By:
Stamp:



Rev	DESCRIPTION	DATE
1	ISSUED FOR BID	7/24/18

FORT WAYNE FORMER MGP
SEDIMENT REMEDIATION
AND CSO OUTFALL
IMPROVEMENT
FORT WAYNE, INDIANA

RIVER ACCESS
AREA DETAILS

C-705

Sheet of



OVERALL SITE MITIGATION PLAN
SCALE: AS SHOWN

NOTES:
1. SITE AERIAL, GOOGLE EARTH PRO, DATED OCTOBER 2017.
2. SANITARY FLOODPLAIN FROM FEMA FIRM, ALLEN COUNTY, INDIANA, MAP NUMBER 15000702D AND 70000202D.

0 1000 2000 3000 4000
SCALE IN FEET

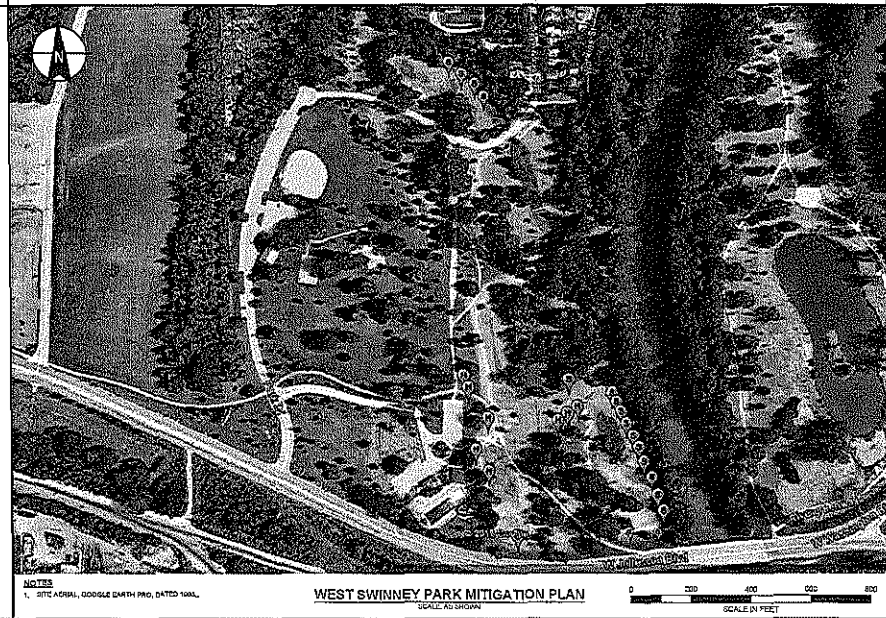


LAWTON PARK MITIGATION PLAN
SCALE: AS SHOWN

NOTES:
1. SITE AERIAL, GOOGLE EARTH PRO, DATED 1998.

0 100 200 300 400
SCALE IN FEET

PLANTING SCHEDULE (TREES)			
West Swinney Park			
Abbreviation	Type of Tree	Minimum Size	Quantity
S	Sycamore	2-inch dbh stock	15
H	Hackberry	2-inch dbh stock	8
O	Bur Oak	2-inch dbh stock	3
Lawton Park			
Abbreviation	Type of Tree	Minimum Size	Quantity
A	Amelanchier	5-6" cal. to 1"	14
S	Sycamore	2-inch dbh stock	12
R	Redbud	5-6" cal. to 1"	3
O	Swamp White Oak	2-inch dbh stock	9



WEST SWINNEY PARK MITIGATION PLAN
SCALE: AS SHOWN

NOTES:
1. SITE AERIAL, GOOGLE EARTH PRO, DATED 1998.

0 200 400 600 800
SCALE IN FEET

HALEY ALDRICH
 HALEY & ALDRICH, INC.
 855 Metro Plaza South, Suite 200
 Dublin, OH 43017
 Tel: 614.987-2600
 Fax: 614.986-3011
 www.haleyaldrich.com

Call 811 or 800-382-6554

ISSUED FOR BID

Project No.: 127870_004
 Scale: SHOWN
 Date: JULY 2018
 Drawn By: S.J.L. BCL
 Designed By: RW, NLP
 Checked By: NLP
 Approved By: _____
 Stamp: _____

FORT WAYNE FORMER MGP
 SEDIMENT REMEDIATION
 AND CSO OUTFALL
 IMPROVEMENT
 FORT WAYNE, INDIANA

WEST SWINNEY & LAWTON PARKS LANDSCAPING PLANS

C-706
 Sheet 35 of 35

REVISED: 04/18/2018
 PLOTTED: 07/20/2018 14:48
 LAYOUT: C-706
 V:\MISCELLANEOUS\03_FORT WAYNE\03_SEDIMENT REMEDIATION\03_LANDSCAPING\03_C-706

Interoffice Memo

Date: August 7, 2018
To: Common Council Members
From: Anne Marie Smrchek, Manager, City Utilities Engineering
RE: **CSO Outfall Improvement Agreement**
Res. #105-7-18-3

Council District # 5

Agreement between the NIPSCO and the City of Fort Wayne for CSO Outfall Improvements. As part of a larger project on the St. Mary's River, NIPSCO agrees to improve CSO Outfall 029 by stabilizing and armoring the existing CSO 029 Outfall through the use of sheet piling and riprap. NIPSCO is the lead entity for this project and is responsible for bidding the project, procuring permits, etc. The City of Fort Wayne agrees to reimburse NIPSCO a not-to-exceed fee of \$270,000 for this improvement, which is a substantially lower cost than if the City were to undertake this project on its own.

Implications of not being approved: CSO 029 is located on the St. Mary's River adjacent to Hall's Gashouse Restaurant parking lot and near Headwaters Park. The outfall structure for CSO 029 is in need of repair for continued long-term use. If the agreement with NIPSCO is not approved, CSO 029 will continue to deteriorate and increase the potential for failure. A future repair to the outfall would impact parking for Hall's Gashouse Restaurant and Headwaters Park. Additionally, City Utilities would incur full project costs of the project rather than cost sharing with another agency. The City considered doing this project alone in 2011. At that time, the engineer's estimate was \$470,000 and the bids came in substantially higher than the estimate. Accordingly, the City rejected all bids. Partnering with NIPSCO provides the best opportunity to complete the work at the lowest possible cost to the City.

If Prior Approval is being Requested, Justify: N/A

The cost of said project funded by Sewer Utility.

Council Introduction Date: August 14, 2018

CC: BOW
Matthew Wirtz
Diane Brown
Mike Kiester
Chrono
File