



## ADDENDUM #2

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To: Known Qualified Firms  
From: Porter Co. Dept. of Development & Storm Water Management  
Date: June 22, 2021  
Subject: Saddlebrook Subdivision – Storm Water Management System Improvements  
Construction Services

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The attention of all known qualified firms are called to the following Addendum.

This Addendum, designated as Addendum #2, is hereby included in and made a part of the bidding documents, whether or not attached thereto. Except as modified by this Addendum, all requirements of the bidding documents shall remain in full force and effect.

Firms shall acknowledge the receipt of this Addendum #2 on his or her bid form.

### **Clarifications & Modifications**

The following clarifications and/or modifications to the bidding documents are being provided or are being made by the Department in response to questions posed and/or as determined necessary by the Department and are hereby included in and made a part of the bidding documents.

### **PRE-BID MEETING MINUTES & SIGN-IN SHEET**

1. The pre-bid meeting minutes and sign-in sheet are attached to this Addendum. Please note that the meeting minutes may contain additional information related to the various items of work that should be should considered when preparing bids for this project.

### **CONSTRUCTION PLANS/TECHNICAL SPECIFICATIONS**

#### 2. Contour Line Labels

**To clarify**, the contour lines, which were generated based on LiDAR Data, have been labeled to provide a reference for the adjacent grade.

#### 3. Excavation and/or Fill for Detention Basin

**The construction plans have been revised** to provide additional guidance and information related to the proposed grading of the detention basin.

#### 4. Drain Tile Investigation

**To clarify**, an Inserta Tee, by Advanced Drainage Systems, or approved equal, shall be used to connect the existing curtain drain tiles directly to the storm sewer. At areas where the existing curtain drain tile will be connected directly to a storm sewer structure, a hole shall be cored into the structure and brick & mortar shall be placed around the connection.

### **BASIS OF BID FORM**

#### 5. Basis of Bid Form

**The Basis of Bid Form has been revised** to reflect the following:

- WORK ITEM 7, "EX. MASTER TILE, ABANDON IN PLACE" – This work item has been revised to provide the contractor an allowance for either removing or abandoning in place the existing master tile, if it is encountered during the work.



## **PUBLIC OPENING OF BIDS**

### 6. Public Opening of Bids

As stated in the bidding documents, bids will be opened at 10:00 a.m., or as soon thereafter as possible, on Thursday, June 24, 2021, at a public opening of bids to be held at 10:00 a.m. local time at the Porter Co. Administration Center, 155 Indiana Ave., Ste. 311, Valparaiso, Indiana 46383. In accordance with the Department's COVID-19 Safety & Action Plan, the public opening of bids will also be conducted live via videoconference. All respondents, as well as members of the public, are welcome to attend and participate in the opening of bids, either in person or via videoconference.

The following information may be used to access and participate in the videoconference.

Join Zoom Meeting:

<https://us02web.zoom.us/j/81194130499?pwd=RndPWU5Yb1FIOERZVzVEMDBRUkNnZz09>

Meeting ID: 811 9413 0499

Passcode: H80Mnf

At the meeting, bids will be opened and, unless obviously non-responsive, read aloud publicly. Respondents are invited to be present at the opening of bids. An abstract of the total bids will be made available to respondents after the opening of bids.

## **ATTACHMENTS**

- PRE-BID MEETING MINUTES & SIGN-IN SHEET
- REVISED BASIS OF BID FORM
- REVISED CONSTRUCTION PLANS

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## **MEETING MINUTES**

June 17, 2021, 10:00 am

155 Indiana Ave., Ste. 311 and Video Conference

Pre-Bid Meeting

Saddlebrook Subdivision–Storm Water Management System Improvements

### **1. Sign-in and Introductions**

### **2. Project Overview**

The project is located between CR 50 W and CR 100 W on the north side of CR 900 N in the Saddlebrook Subdivision. The project consists of the installation of storm sewer and storm sewer structures to replace a failed septic system perimeter drain outlet tile (i.e., master tile). The project also includes enhancements to the detention basin. The overall purpose of the project is to enhance the drainage and storm water management services provided to the surrounding property owners by improving the area's storm water infrastructure.

### **3. Overview of Bidding Documents & Bidding Requirements**

- A. Bid Form
- B. Basis of Bid Form
  - i. Base Bid
- C. Bidders Work History Form
- D. Bidders Organizational Experience and Workload Form
- E. Bidders Subcontractor and Supplier Form
  - i. List entities comprising 10% or more of the bidder's total cost.
- F. Bid Security
  - i. 10% of total bid.
  - ii. Certified check, bank money order, or Bid Bond issued by acceptable surety.

### **4. Project Description**

- A. 73 LF of 15" PVC, SDR 35.
- B. 1,076 LF of 12" PVC, SDR 35.
- C. 725 LF of Pipe Underdrain
  - i. 4" Perforated PVC, SDR 35 (Preferred)
  - ii. No. 8 or 9 Coarse Aggregate
- D. 4 Ea. Storm Sewer Structures, Type 1
- E. 1,107 LF of Grading Ditches & Swales
- F. Enhancements to Detention Basin
- G. Abandon Ex. Master Tile
  - i. Location of existing master tile is unknown. Work item #7 "EX. MASTER TILE, ABANDON IN PLACE" is an allowance if the master tile is encountered during the work.
- H. 211 IN-DBH Clearing & Tree Removal
  - i. Additional pruning may be needed along northern project limits to accommodate the work.

## 5. Other Items

- A. Overview of important General Conditions.
- B. Questions during Bidding.
- C. Copies of bidding documents are fully downloadable on the Department's website at <http://www.porterco.org/stormwater>.
- D. Bids will remain open for 60 calendar days.
- E. Lowest, responsive, and responsible bidder will be awarded contract.
- F. Acknowledgement of Addenda
- G. Successful Bidder to provide the following within 10 days of NOA
  - i. Executed Contract, Performance Bond – 100%, Payment Bond – 100%, and Certificates of Insurance.
  - ii. E-Verify Affidavit and Certification Regarding Investment in Iran.
- H. Maintenance Bond will be required upon final acceptance of work as guarantee.
  - i. 10% of contract price for 1 year.
- I. Bidders shall inform themselves of existing site conditions.
- J. Minority and Women's Business Enterprises
  - i. Goals for this project are 7% MBE and 5% WBE participation.
  - ii. MBEs and WBEs must be certified.
- K. Owner is exempt from State Sales Tax on materials to be incorporated into the work. Sales and use tax shall not be included in the bid.
- L. Utility Coordination
  - i. Contractor shall confirm location and depth of utilities prior to start of work.

## 6. Notable Dates

- A. Pre-Bid Meeting: Thu., Jun. 17, 2021, 10:00 am.
- B. Last Day for Questions: Mon., Jun. 21 12:00 pm local time. Final addendum to be issued by 10:00 am local time, Tue., Jun. 22.
- C. Bid Due Date: Thu., Jun. 24, 2021 10:00 am local time, Porter Co. Dept. Development & Storm Water Management. 155 Indiana Ave., Ste. 311, Valparaiso, Indiana 46383.
- D. Bid Opening: Thu., Jun. 24, 2021 10:00 am local time, at a public opening of bids, 155 Indiana Ave., Ste. 311, Valparaiso, Indiana 46383.
- E. Substantial & Final Completion:
  - i. Substantial Completion – Oct. 31, 2021
  - ii. Final Completion – Nov. 30, 2021

## 7. Questions

- Q1: Please clarify the type of connector that should be used to connect the curtain drain tiles directly to the storm sewer.
- A1: Insert Tee connections shall be used for connecting the existing curtain drain tiles directly to the storm sewer. Additional clarification will be provided in Addendum 2.

Q2: Is compaction testing required?

A2: No, compaction testing is not required. The initial and final backfill shall be adequately compacted during construction to prevent settling within the trench.

Q3: Is mandrel testing required?

A3: Deflection testing will only be required by the Department if the video inspection indicates areas of deflection or other concern within the storm sewer system.

Q4: What are the requirements for the video inspection?

A4: Closed circuit television (CCTV) video inspection shall be completed not less than 30 days after the pipe has been installed and backfilling has been completed. Such inspection shall be performed in the presence of the Engineer. All storm sewers shall be cleaned as necessary to allow for such inspection.

Q5: Is there any reason why this project would not be awarded? PVC pipe pricing is currently only valid for 24 hours without a signed contract.

A5: The Department intends to award the contract at the July 13, 2021 Storm Water Management Board meeting, barring any circumstances that may arise that would make such contract award to not be in the best interest of the Department.

Q6: An allowance has not been provided for Work item #7 "EX. MASTER TILE, ABANDON IN PLACE". Should a price be submitted for this work item?

A6: The Basis of Bid Form will be revised to specify an allowance for the work item, and will be included with Addendum 2.

Q7: Is 4" Perforated PVC, SDR 35 required for the pipe underdrain?

A7: PVC, SDR 35 pipe is preferred for the pipe underdrain; however, single wall perforated HDPE can be used for the pipe underdrain, per the technical specifications.

Q8: Are there prevailing wage requirements associated with the project?

A8: No, there are no prevailing wage requirements associated with the project.

Q9: The contour lines do not align with the existing spot elevations. Are the contour lines in 1 FT increments and can you please clarify the elevations of the existing contour lines?

A9: The points shown are the survey data that was collected. The contours shown are based on LiDAR data, which is an approximation of the site elevations, therefore, the contours will not align with the spot elevations. The elevations of the contours have been added to the plan and will be included with Addendum 2. The contours are in 1 FT increments. The earthwork calculations were done in CAD using a surface created from the survey data compared to the proposed contours.

SADDLEBROOK SUBDIVISION - STORM WATER MANAGEMENT SYSTEM IMPROVEMENTS

PRE-BID MEETING

JUNE 17, 2021 (10:00 AM CST)

NAME	COMPANY	ADDRESS	OFFICE/CELL/FAX	EMAIL
Michael Novotney ✓	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 465-3507 Cell: (219) 307-3311 Fax: (219) 465-3543	<a href="mailto:mnovotney@porterco.org">mnovotney@porterco.org</a>
Chelsey Gordon ✓	Porter Co. Dept. of Development and Storm Water Management	155 Indiana Ave., Ste. 311 Valparaiso, IN 46383	Office: (219) 465-3652 Cell: (219) 252-7499 Fax:	<a href="mailto:chelsey.gordon@porterco.org">chelsey.gordon@porterco.org</a>
Ray Darnell	G.E. Marshall	1351 Joliet Rd Valparaiso IN	Office: 219 462 3417 Cell: 219 405 0978 Fax:	Ray.Darnell@semarshall.com
Danny Marshall	G.E. Marshall	1351 Joliet Rd	Office: Cell: 219-416-5118 Fax:	danny.marshall@semarshall.com
RICH MUTHA	GARLUP	3965 HARRISON GARY	Office: 219-887-5033 Cell: <del>219-712-8479</del> Fax: 219-712-8479	RICH.MUTHA@GARLUP.COM
John Piatt	National Industries	4530 Baring E. V. In	Office: Cell: 219-293-1992 Fax:	JPiatt@NIMIND.COM

SADDLEBROOK SUBDIVISION - STORM WATER MANAGEMENT SYSTEM IMPROVEMENTS  
 PRE-BID MEETING  
 JUNE 17, 2021 (10:00 AM CST)

SERAN PARRAHEIM			Office:	VIA VIDEOCONFERENCE
			Cell:	
			Fax:	
Z. TRUEBLOOD	C. LEE		Office:	VIA VIDEOCONFERENCE
			Cell:	
			Fax:	
SERAN DAVIDSON	GILMINEK		Office:	VIA VIDEOCONFERENCE
			Cell:	
			Fax:	
			Office:	
			Cell:	
			Fax:	
			Office:	
			Cell:	
			Fax:	

SECTION II. BASIS OF BID FORM  
 (Please type or print)

This Basis of Bid Form is to be submitted by bidder, as part of the Bid Form, for the project designated as **Saddlebrook Subdivision – Storm Water Management System Improvements**. It is to include an entry for each and every work item listed, including all base work items, all items “as ordered by Engineer”, if any, all additive work items, if any, and all alternate work items, if any, as well as a total quote, in both words and figures, as provided for below.

Bidder will perform all work specified or indicated in the contract documents in accordance with terms and conditions of such contract documents for the following price(s):

**BASE BID ITEMS**

ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	EXT. PRICE
1	MOBILIZATION & DEMOBILIZATION	LS	1		
2	PRECONSTRUCTION VIDEO SURVEY	LS	1		
3	CONSTRUCTION LAYOUT & SURVEY	LS	1		
4	AS-BUILT DRAWINGS	LS	1		
5	TEMPORARY CONSTRUCTION ENTRANCE	EA	1		
6	TEMPORARY CATCH BASIN INSET INLET PROTECTION	EA	4		
7	EX. MASTER TILE, ABANDON IN PLACE (ALLOWANCE)	XX	XXX	XXXX	\$5,000.00
8	EX. STORM SEWER, REMOVE	LF	70		
9	EX. STORM SEWER STRUCTURE, REMOVE	EA	1		
10	CLEARING & TREE REMOVAL	INDBH	211		
11	DRAIN TILE INVESTIGATION	EA	5		
12A	STORM SEWER, 15" PVC, SDR 35	LF	73		
12B	EXCAVATION FOR STORM SEWER, 15" PVC	CY	37		
12C	DEWATERING FOR STORM SEWER, 15" PVC	LS	1		
12D	BEDDING & INITIAL BACKFILL FOR STORM SEWER, 15" PVC	CY	21		
12E	FINAL BACKFILL FOR STORM SEWER, 15" PVC	CY	12		
12F	FLARED END SECTION, W/O GRATE, 15" PVC	EA	1		
13A	STORM SEWER, 12" PVC, SDR 35	LF	1076		
13B	EXCAVATION FOR STORM SEWER, 12" PVC	CY	627		
13C	DEWATERING FOR STORM SEWER, 12" PVC	LS	1		
13D	BEDDING & INITIAL BACKFILL FOR STORM SEWER, 12" PVC	CY	288		

ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	EXT. PRICE
13E	FINAL BACKFILL FOR STORM SEWER, 12" PVC	CY	283		
14A	PIPE UNDERDRAIN	LF	725		
14B	DEWATERING FOR PIPE UNDERDRAIN	LS	1		
15A	STORM SEWER STRUCTURE, 4 FT. DIA., 4-8 FT DEEP	EA	4		
15B	EXCAVATION FOR STORM SEWER STRUCTURE, 4 FT. DIA., 4-8 FT DEEP	CY	34		
15C	DEWATERING FOR STORM SEWER STRUCTURE, 4 FT. DIA., 4-8 FT DEEP	LS	1		
15D	SAND BEDDING FOR STORM SEWER STRUCTURE, 4 FT. DIA., 4-8 FT DEEP	CY	3		
15E	STRUCTURE BACKFILL FOR STORM SEWER STRUCTURE, 4 FT. DIA., 4-8 FT DEEP	CY	5		
16	EXCAVATION AND/OR FILL FOR DETENTION BASIN	CY	203		
17	GRADING DITCHES & SWALES, SWALE	LF	1107		
18	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, EXCESS EXCAVATED MATERIAL	CY	1533		
19	RESTORE DISTURBED AREAS	LS	1		
<b>TOTAL BID (TOTAL OF ALL EXTENDED PRICES, ITEMS 1-19):</b>					

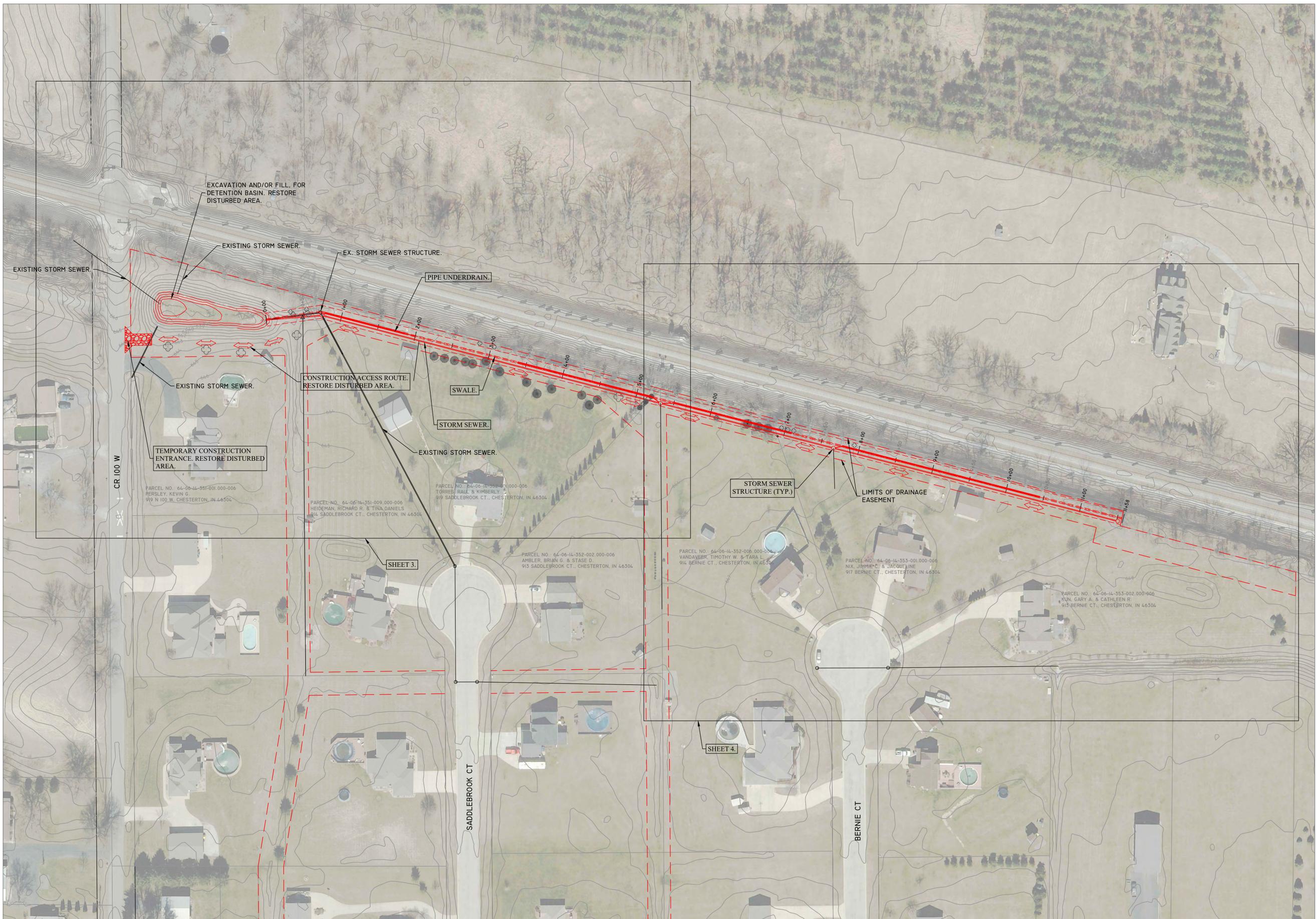
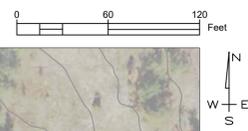
Bidder's total bid for the work, which is the sum of the Bidder's extended price(s) for the base bid items, is:

**TOTAL BID  
(IN FIGURES):** \_\_\_\_\_

**TOTAL BID  
(IN WORDS):** \_\_\_\_\_

Bidder acknowledges that the quantities of items of unit price work included on this Basis of Bid Form are not guaranteed and are provided solely for the purposes of comparing bids, establishing pay item unit prices, and determining an initial contract price. Except as otherwise stated in the contract documents, payment to the successful bidder will be based upon the actual quantities of work performed, the acceptance of such work and the determination of such quantities to be made by the Engineer in accordance with the contract documents.





NO.	DATE	REVISION	BY
1	05/19/21	INTERNAL REVIEW	CRG
2	06/02/21	FOR BIDDING	CRG
3	06/22/21	ADDENDUM #2	CRG

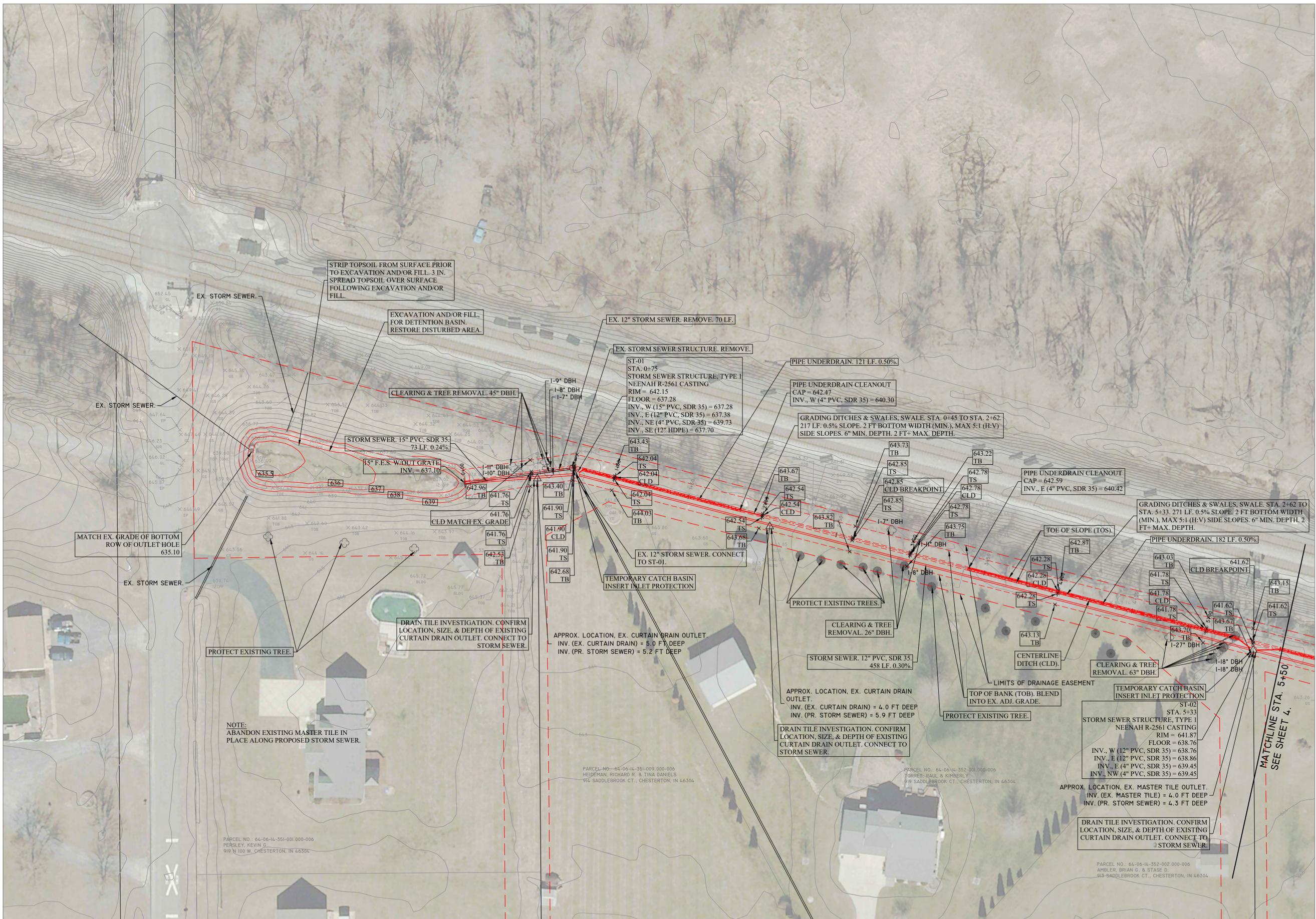
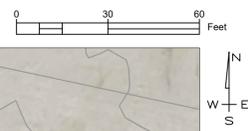
DESIGNED:	CRG
DRAWN:	CRG
CHECKED:	MEN
DATE:	11/13/19
PROJECT NO.:	P21-044



The Department of  
**DEVELOPMENT & STORM WATER MANAGEMENT**  
 Porter County, Indiana

PROJECT:	SADDLEBROOK SUBD. -SWM SYSTEM IMPROVEMENTS
LOCATION:	SADDLEBROOK SUBDIVISION
SHEET TITLE:	SHEET 2-OVERALL PLAN

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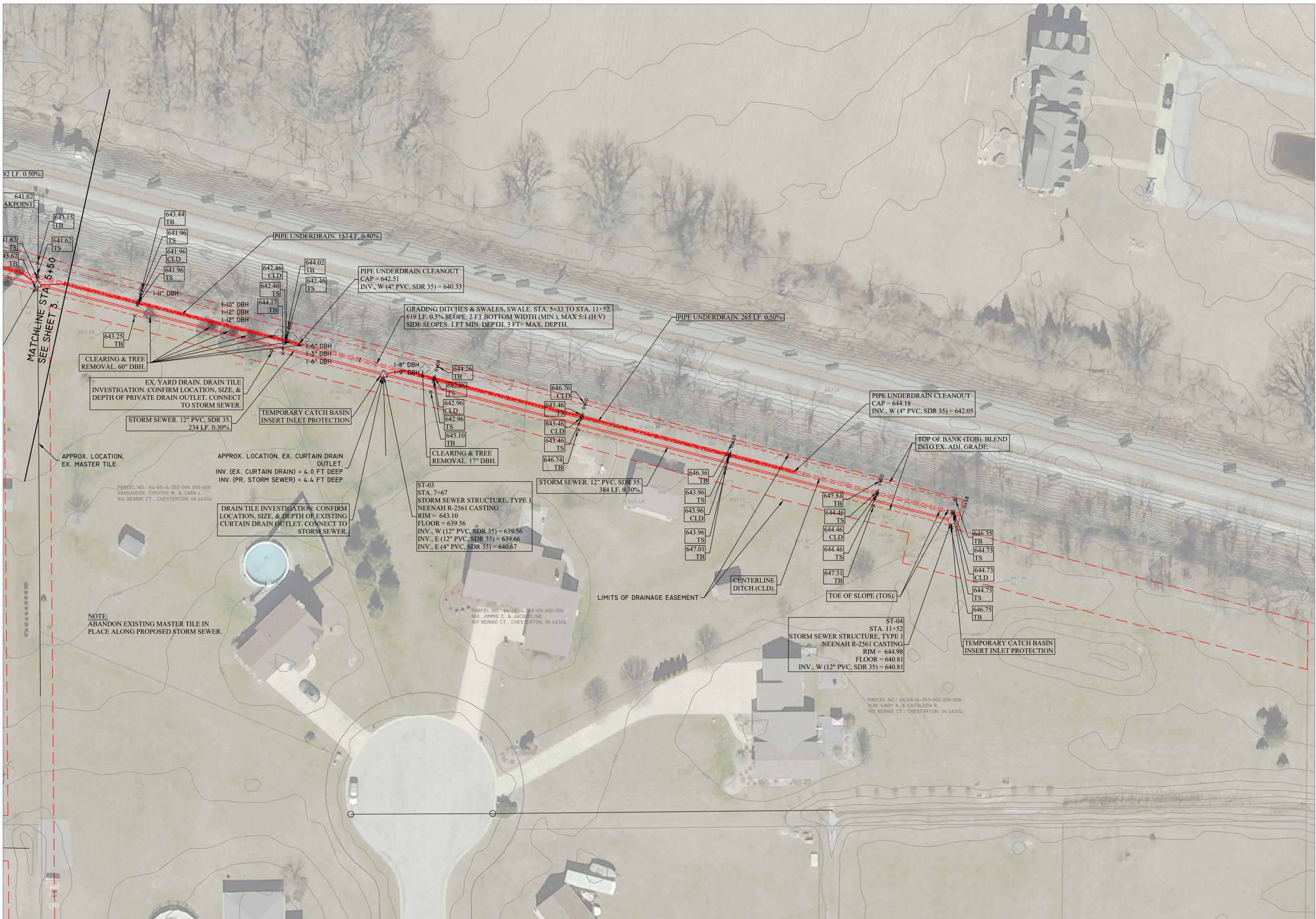
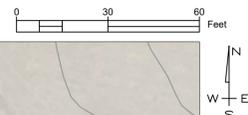


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PROJECT:	SADDLEBROOK SUBD. - SWM SYSTEM IMPROVEMENTS
LOCATION:	SADDLEBROOK SUBDIVISION
SHEET TITLE:	SHEET 3-PLAN STA. 0+00 TO STA. 5+50



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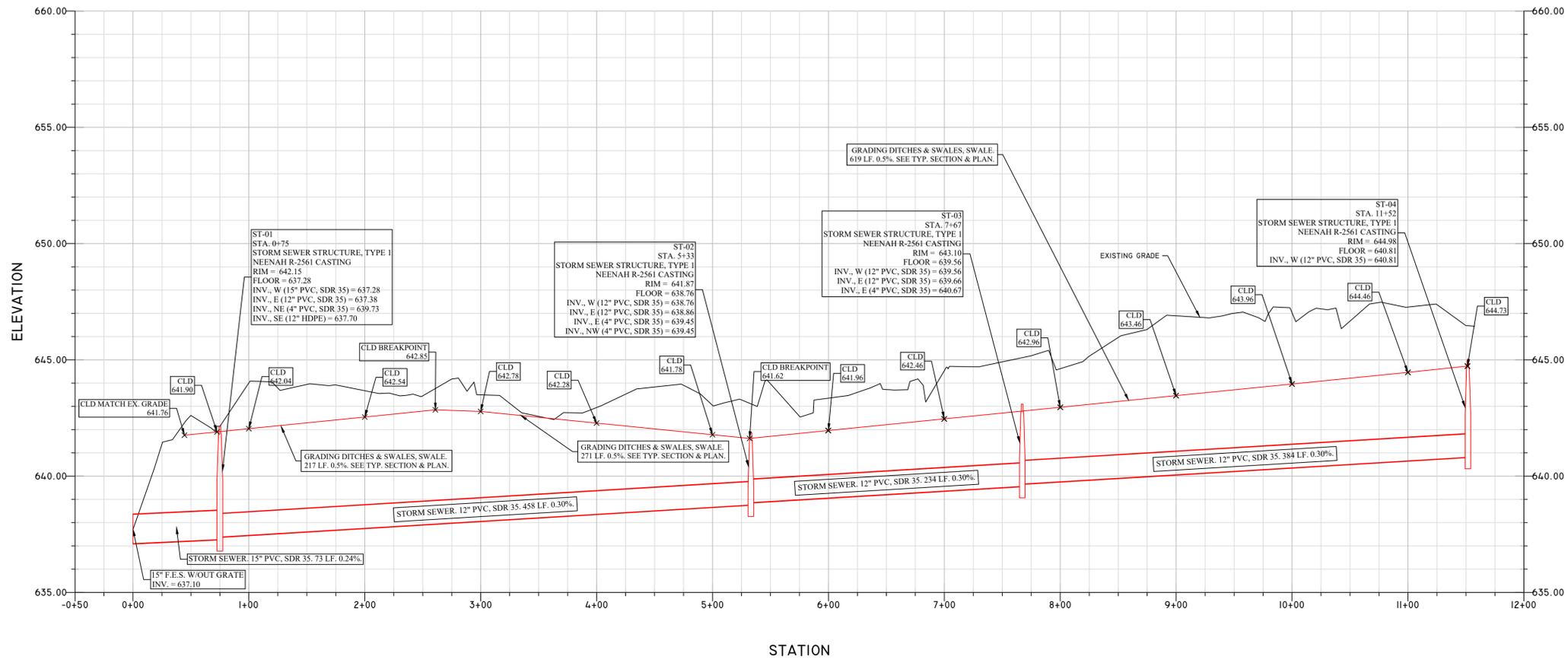


The Department of  
**DEVELOPMENT & STORM WATER MANAGEMENT**  
Porter County, Indiana

PROJECT:	SADDLEBROOK SUBD. -SWM SYSTEM IMPROVEMENTS
LOCATION:	SADDLEBROOK SUBDIVISION
SHEET TITLE:	SHEET 4-PLAN STA. 5+50 TO STA. 11+50

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### PROFILE VIEW OF SADDLEBROOK SWM IMPROVEMENTS



SADDLEBROOK STORM SEWER STRUCTURE SCHEDULE								
STRUCTURE NO.	STATION	DIAMETER (FT)	NORTHING	EASTING	RIM ELEV.	FLOOR ELEV.	PIPE IN, INVERT(S) AND ANGLE(S) (FROM OUT)	CASTINGS
ST-01	0+75	4	2301903.91	2952348.05	642.15	637.28	W (15" PVC, SDR 35) 637.28 E (12" PVC, SDR 35) 637.38, 199° NE (4" PVC, SDR 35) 639.73, 152° SE (12" HDPE) 637.70, 246°	NEENAH R-2561 CASTING
ST-02	5+33	4	2301789.02	2952791.58	641.87	638.76	W (12" PVC, SDR 35) 638.76 E (12" PVC, SDR 35) 638.86, 180° E (4" PVC, SDR 35) 639.45, 165° NW (4" PVC, SDR 35) 639.45, 22°	NEENAH R-2561 CASTING
ST-03	7+67	4	2301730.52	2953018.23	643.10	639.56	W (12" PVC, SDR 35) 639.56 E (12" PVC, SDR 35) 639.66, 180° E (4" PVC, SDR 35) 640.67, 155°	NEENAH R-2561 CASTING
ST-04	11+52	4	2301634.92	2953390.65	644.98	640.81	N/A	NEENAH R-2561 CASTING

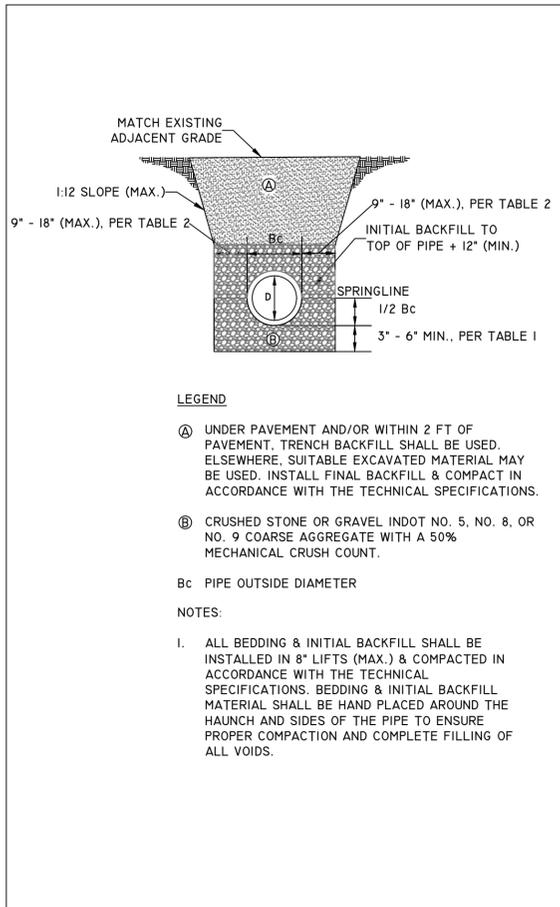
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DESIGNED:	CRG
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PROJECT NO.:	P21-044



PROJECT:	SADDLEBROOK SUBD. - SWM SYSTEM IMPROVEMENTS
LOCATION:	SADDLEBROOK SUBDIVISION
SHEET TITLE:	SHEET 5-PROFILE & STORM SEWER STRUCTURE SCHEDULE

G:\STORM\_WATER\2019 STORM WATER MANAGEMENT\2019 PROJECTS\PORTER\2101 SADDLEBROOK SUBDIVISION\SADDLEBROOK SUBDIVISION\DWG\SADDLEBROOK SUBDIVISION.DWG



**LEGEND**

- A UNDER PAVEMENT AND/OR WITHIN 2 FT OF PAVEMENT, TRENCH BACKFILL SHALL BE USED. ELSEWHERE, SUITABLE EXCAVATED MATERIAL MAY BE USED. INSTALL FINAL BACKFILL & COMPACT IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS.
- B CRUSHED STONE OR GRAVEL INDOT NO. 5, NO. 8, OR NO. 9 COARSE AGGREGATE WITH A 50% MECHANICAL CRUSH COUNT.

Bc PIPE OUTSIDE DIAMETER

**NOTES:**

- ALL BEDDING & INITIAL BACKFILL SHALL BE INSTALLED IN 8" LIFTS (MAX.) & COMPACTED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS. BEDDING & INITIAL BACKFILL MATERIAL SHALL BE HAND PLACED AROUND THE HAUNCH AND SIDES OF THE PIPE TO ENSURE PROPER COMPACTION AND COMPLETE FILLING OF ALL VOIDS.

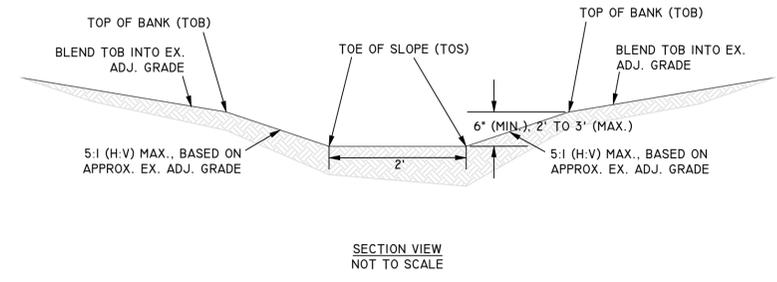
**TABLE 1**

DEPTH OF BEDDING BELOW PIPE	
d	BEDDING (MIN.)
d ≤ 24 IN.	3 IN.
24 IN. ≤ d ≤ 60 IN.	4 IN.
d ≥ 60 IN.	6 IN.

**TABLE 2**

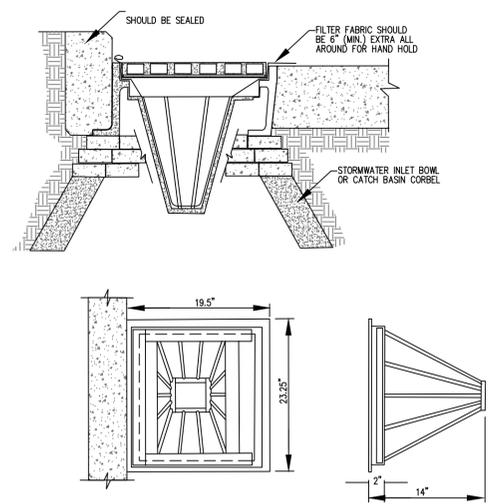
WIDTH OF TRENCH, EACH SIDE OF PIPE	
d	WIDTH (MAX.)
d ≤ 24 IN.	9 IN.
24 IN. ≤ d ≤ 60 IN.	12 IN.
d ≥ 60 IN.	18 IN.

STORM SEWER BEDDING AND BACKFILL



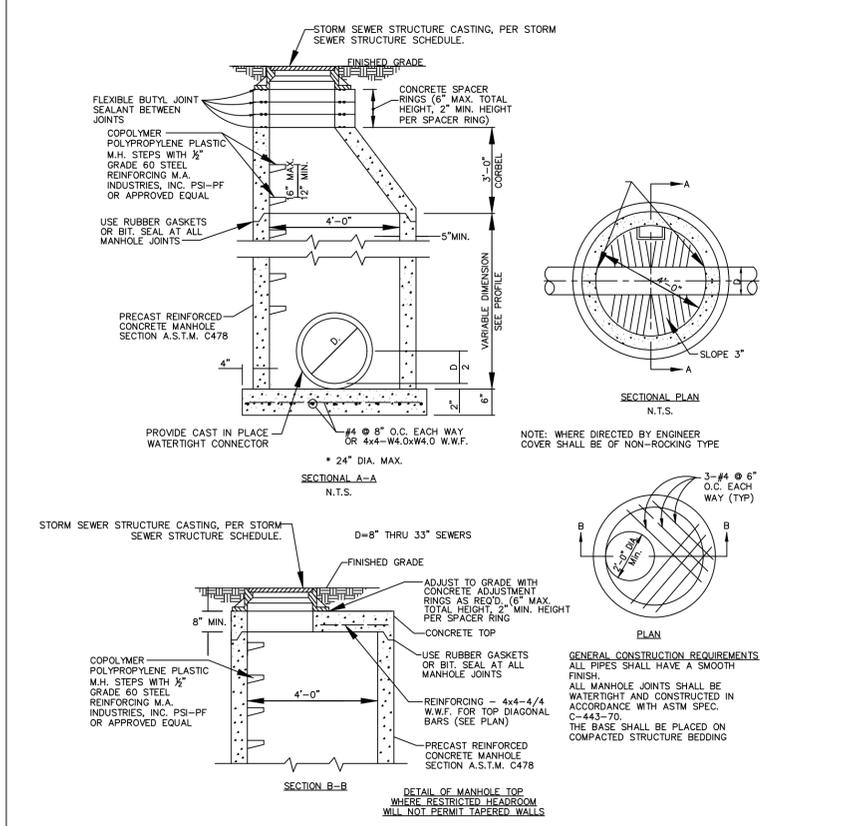
- NOTES:**
- RESTORE DISTURBED AREA WITHIN SWALE AS FOLLOWS:
    - A. WITHIN SWALE (TOB TO TOS): RESTORE DISTURBED AREA WITH TOPSOIL, FERTILIZER, GRASS SEED, & EROSION CONTROL BLANKET (NAG S75BN), PER TECHNICAL SPECIFICATIONS.

DOWNSTREAM SWALE

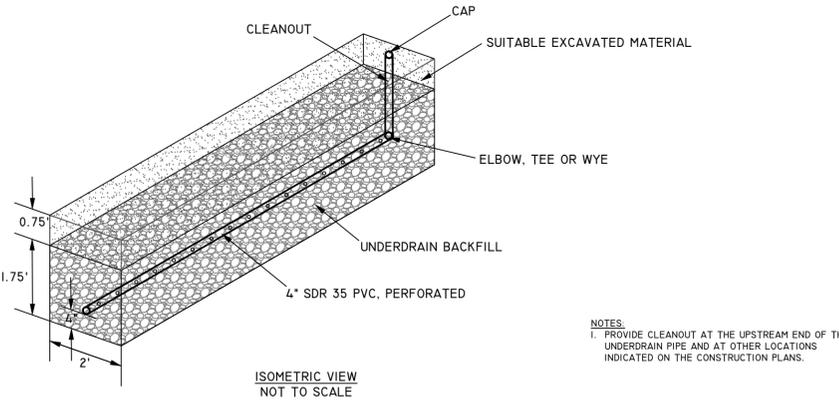


- PURPOSE:**
- TO PREVENT EXCESSIVE SEDIMENT FROM ENTERING STORM SEWERS AT CURB INLETS, ALLOWING FULL USE OF THE STORM DRAIN SYSTEM DURING THE CONSTRUCTION PERIOD.
- REQUIREMENTS:**
- BASKET: FABRICATED METAL WITH TOP WIDTH-LENGTH DIMENSIONS SUCH THAT THE BASKET FITS INTO THE INLET WITHOUT CAPS, AND LINE IT WITH GEOTEXTILE FABRIC FOR FILTRATION.
- INSTALLATION:**
- INSTALL BASKET CURB INLET PROTECTIONS AS SOON AS INLET BOXES ARE INSTALLED IN A NEW DEVELOPMENT OR BEFORE LAND DISTURBING ACTIVITIES BEGIN IN A STABILIZED AREA.
  - REMOVE THE GRATE AND PLACE THE BASKET IN THE INLET.
  - CUT AND INSTALL A PIECE OF FILTER FABRIC LARGE ENOUGH TO LINE THE INSIDE OF THE BASKET AND EXTEND AT LEAST 18" BEYOND THE FRAME.
  - REPLACE THE INLET GRATE WHICH ALSO SERVES TO ANCHOR THE FABRIC.
  - FOLLOW INSTRUCTIONS AS PROVIDED BY MANUFACTURER.
- MAINTENANCE:**
- INSPECT WITHIN 24 HOURS AFTER EACH STORM EVENT.
  - REMOVE BUILT-UP SEDIMENT AND REPLACE THE GEOTEXTILE FABRIC AFTER EACH STORM EVENT.
  - REPLACE BASKET EVERY SIX (6) MONTHS.
  - REPLACE BASKET AFTER ANY OIL, GASOLINE OR SOLVENT SPILL, OR IF THERE IS A HOLE IN THE FABRIC.

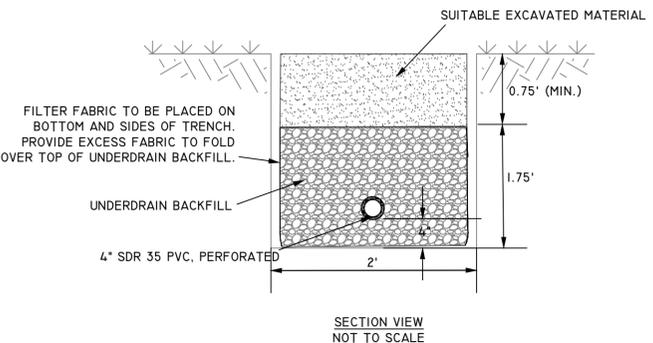
CATCH BASIN INSERT INLET PROTECTION



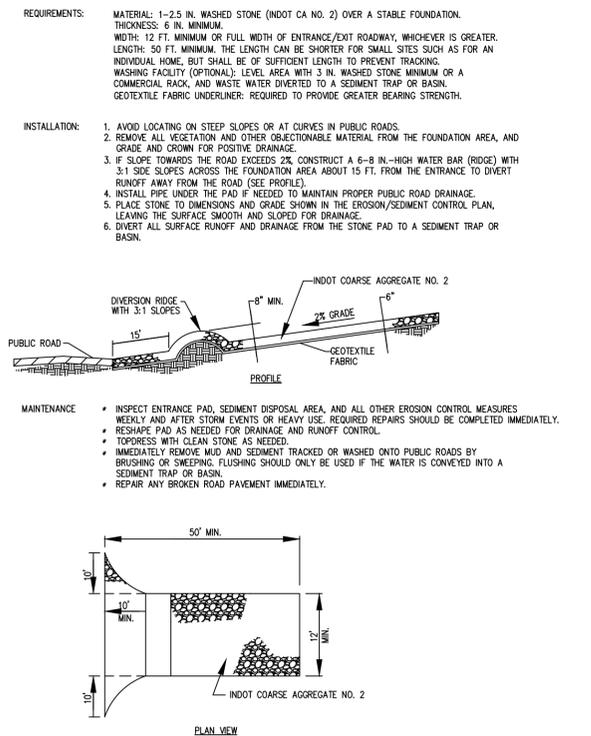
STORM SEWER STRUCTURE, TYPE 1



- NOTES:**
- PROVIDE CLEANOUT AT THE UPSTREAM END OF THE UNDERDRAIN PIPE AND AT OTHER LOCATIONS INDICATED ON THE CONSTRUCTION PLANS.



PIPE UNDERDRAIN



TEMPORARY CONSTRUCTION ENTRANCE

BY:	CRG
REVISION:	INTERNAL REVIEW
DATE:	05/19/21
NO.:	1
FOR BIDDING:	06/02/21
ADDENDUM #2:	06/22/21
DESIGNED:	CRG
DRAWN:	CRG
CHECKED:	MEN
DATE:	11/13/19
PROJECT NO.:	P21-044

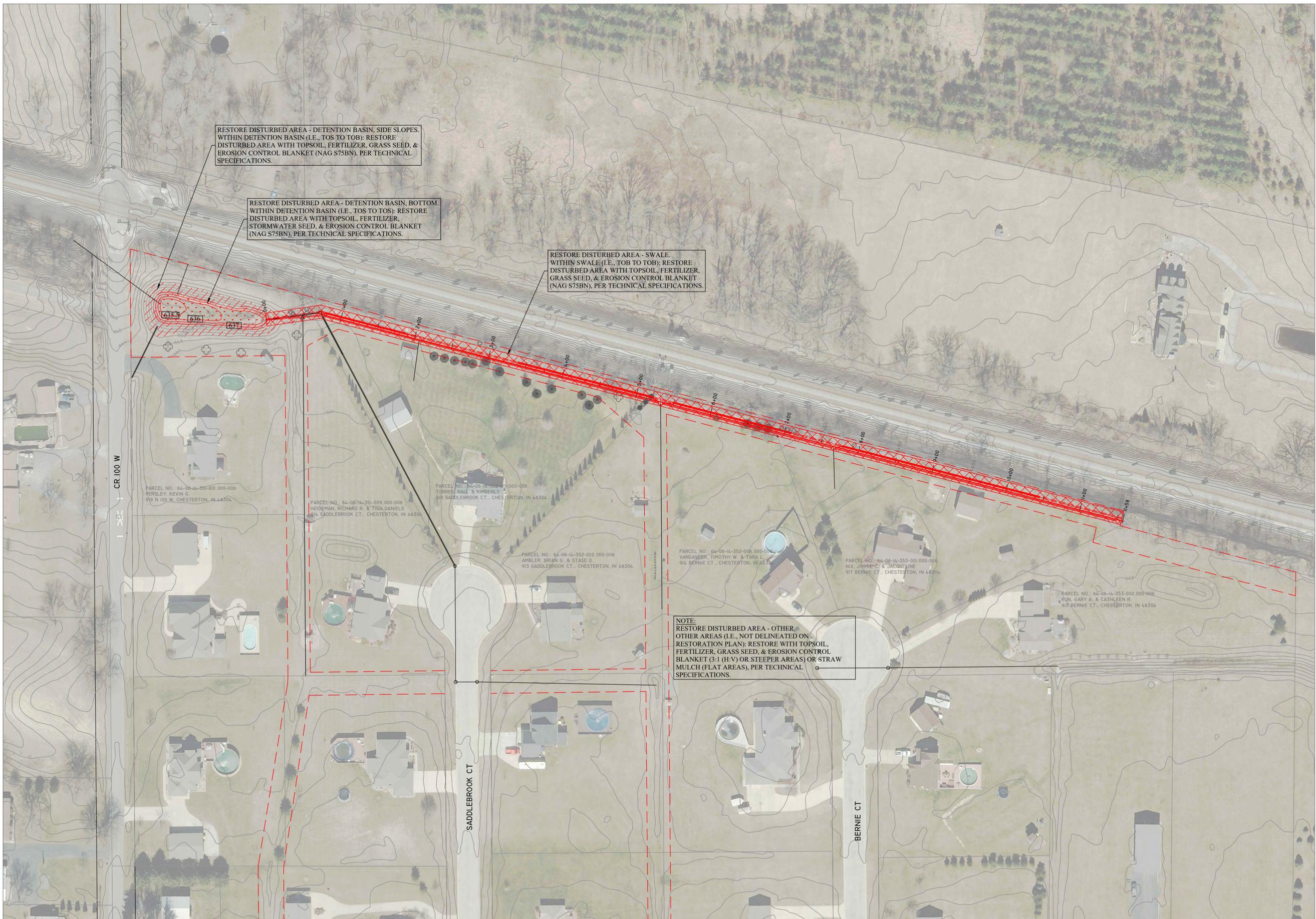
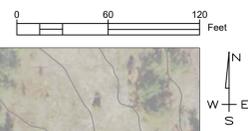
**The Department of DEVELOPMENT & STORM WATER MANAGEMENT**  
Porter County, Indiana

PROJECT: SADDLEBROOK SUBD. - SWM SYSTEM IMPROVEMENTS

LOCATION: SADDLEBROOK SUBDIVISION

SHEET TITLE: SHEET 6-DETAILS

SHEET NO.: 6 of 7



RESTORE DISTURBED AREA - DETENTION BASIN, SIDE SLOPES. WITHIN DETENTION BASIN (I.E., TOB TO TOB); RESTORE DISTURBED AREA WITH TOPSOIL, FERTILIZER, GRASS SEED, & EROSION CONTROL BLANKET (NAG S75BN), PER TECHNICAL SPECIFICATIONS.

RESTORE DISTURBED AREA - DETENTION BASIN, BOTTOM. WITHIN DETENTION BASIN (I.E., TOB TO TOB); RESTORE DISTURBED AREA WITH TOPSOIL, FERTILIZER, STORMWATER SEED, & EROSION CONTROL BLANKET (NAG S75BN), PER TECHNICAL SPECIFICATIONS.

RESTORE DISTURBED AREA - SWALE. WITHIN SWALE (I.E., TOB TO TOB); RESTORE DISTURBED AREA WITH TOPSOIL, FERTILIZER, GRASS SEED, & EROSION CONTROL BLANKET (NAG S75BN), PER TECHNICAL SPECIFICATIONS.

NOTE:  
RESTORE DISTURBED AREA - OTHER, OTHER AREAS (I.E., NOT DELINEATED ON RESTORATION PLAN); RESTORE WITH TOPSOIL, FERTILIZER, GRASS SEED, & EROSION CONTROL BLANKET (3:1 (H:V) OR STEEPER AREAS) OR STRAW MULCH (FLAT AREAS), PER TECHNICAL SPECIFICATIONS.

PARCEL NO. 64-06-14-351-001-000-006  
PERSLEY, KEVIN G.  
919 N 100 W, CHESTERTON, IN 46304

PARCEL NO. 64-06-14-351-009-000-006  
HEIDEMAN, RICHARD R. & TINA DANIELS  
914 SADDLEBROOK CT., CHESTERTON, IN 46304

PARCEL NO. 64-06-14-352-001-000-006  
TORRES, RAUL & KIMBERLY  
919 SADDLEBROOK CT., CHESTERTON, IN 46304

PARCEL NO. 64-06-14-352-002-000-006  
AMBLER, BRIAN G. & STASE D.  
913 SADDLEBROOK CT., CHESTERTON, IN 46304

PARCEL NO. 64-06-14-352-006-000-006  
VANDAVEER, TIMOTHY W. & TARA L.  
914 BERNIE CT., CHESTERTON, IN 46304

PARCEL NO. 64-06-14-353-001-000-006  
NIX, JIMMIE C. & JACQUELINE  
917 BERNIE CT., CHESTERTON, IN 46304

PARCEL NO. 64-06-14-353-002-000-006  
KUN, GARY A. & CATHLEEN R.  
913 BERNIE CT., CHESTERTON, IN 46304

NO.	DATE	REVISION	BY
1	05/19/21	INTERNAL REVIEW	CRG
2	06/02/21	FOR BIDDING	CRG
3	06/22/21	ADDENDUM #2	CRG

DESIGNED:	CRG
DRAWN:	CRG
CHECKED:	MEN
DATE:	11/13/19
PROJECT NO.:	P21-044



PROJECT:	SADDLEBROOK SUBD. -SWM SYSTEM IMPROVEMENTS
LOCATION:	SADDLEBROOK SUBDIVISION
SHEET TITLE:	SHEET 7-RESTORATION PLAN

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