



OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

ADDENDUM NO. 2

**PROJECT NO. 58-18-02
TOLL PLAZA 180 EXPANSION
INTERCHANGE 180 - AKRON, MILEPOST 180.3
SUMMIT COUNTY, OHIO
OPENING DATE: 2:00 P.M. (EASTERN TIME),**


**EXTENDED OPENING DATE:
2:00 P.M. (EASTERN TIME), AUGUST 24-31, 2018**

**ATTENTION OF BIDDERS IS DIRECTED TO:
ANSWERS TO QUESTIONS RECEIVED THROUGH 3:00 PM ON AUGUST 24, 2018**

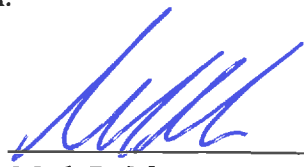
-AND-

**MODIFICATIONS TO THE CONTRACT DOCUMENTS:
REVISIONS TO PLAN SHEET NOS. 9 AND 15 OF 75**

Issued by the Ohio Turnpike and Infrastructure Commission by Anthony D. Yacobucci, Chief Engineer, and Mark R. Musson, Director of Contracts Administration.



Anthony D. Yacobucci Date 8/24/18



Mark R. Musson Date 8/24/18

ANSWERS TO QUESTIONS RECEIVED THROUGH 3:00 PM ON AUGUST 24, 2018:

Q#14 The drainage schedule on sheet C-5 calls for the proposed underdrain as 6” perforated concrete pipe. In conversations with vendors, it appears that concrete pipe under 12” diameter is not readily available and perhaps not findable whatsoever. Please provide approved vendors of such underdrain or change the underdrain to a standard material via addendum.

A#14 The Commission lists ODOT 611 Type F pipe for underdrains. Contractor shall supply Type F conforming to ODOT 707.31. Plan Sheet No. 9 of 75 (C-5) has been revised and substituted in the Contract Documents through this Addendum No. 2.

Q#15 Although sheet C-4 shows the proposed connection pattern between canopy and treadle drains, there is no detail provided illustrating the spouting/drainage system from the canopy to ground level. What is the material and size to be used for the spouting/drainage above ground? Please clarify and provide a detail in an addendum.

A#15 For clarification, Plan Sheet No. 15 of 75 (C-11) has been revised to include a Roof Drain Detail and is substituted in the Contract Documents through this Addendum No. 2.

Q#16 Per technical spec section 07465, 2.1 Materials, B, the toll booth siding that is specified cannot be located. There is no other alternative that meets the specification and it appears that industrial building panels is out of business. Can a relevant, alternate material specification be provided in an addendum that meets your toll booth siding material requirements including finish color and performance specs to match existing toll booths?

A#16 The following fabricators are identified as potential suppliers of booth siding: Americlad Quality Metalcrafts LLC, 13375 Commerce Blvd., Rogers, MN 55374 (763)-255-3333 or (866)-773-0279 and Corrugated Metal, Inc., 6550 Revlon Drive, Belvidere, Il. 61008, (800) 621-5617. The Commission does not warrant or recommend these firms but identifies these potential suppliers for informational purposes only.

Q#17 What is the engineer’s estimated budget for this project?

A#17 Under the Ohio Revised Code, the Commission is not obligated to publish the Engineer’s Estimate until the bid opening.

Q#18 Does the Zone Person need to remain onsite regardless whether crews are working?

A#18 See the response to Q#2.

Q#19 We are having difficulty finding suppliers to manufacture the toll booths and would like the Commission to consider extending the bid opening to allow sufficient time to obtain competitive pricing. Please consider an extension of 7 to 10 days.

A#19 See the response to Q#1 and be advised that the Bid Opening was extended to 2:00 PM (Eastern Time) on August 31, 2018 through Addendum #1.

Q#20 Please explain the need or relevance of “Appendix B – Permitted Lane Closures”? These appear to be for the mainline and do not pertain to the Toll Plaza work area.

A#20 See the response to Q#3.

MODIFIED CONTRACT DOCUMENTS

With this Addendum No. 2, the Commission substitutes the enclosed materials for the following Contract Documents:

Plan Sheet Nos. 9 and 15 of 75

Additions to the Plan Drawings are called out with a cloud and deletions are marked with a revision triangle as thus:



**Receipt of Addendum No. 2
Project No. 58-18-02 is hereby acknowledged:**

(Firm Name) _____

(Signature) _____

(Printed Name) _____

(Date) _____

**BIDDERS MUST RETURN THE ABOVE ACKNOWLEDGEMENT
OF RECEIPT OF ADDENDUM NO. 2 WITH THEIR BID.**

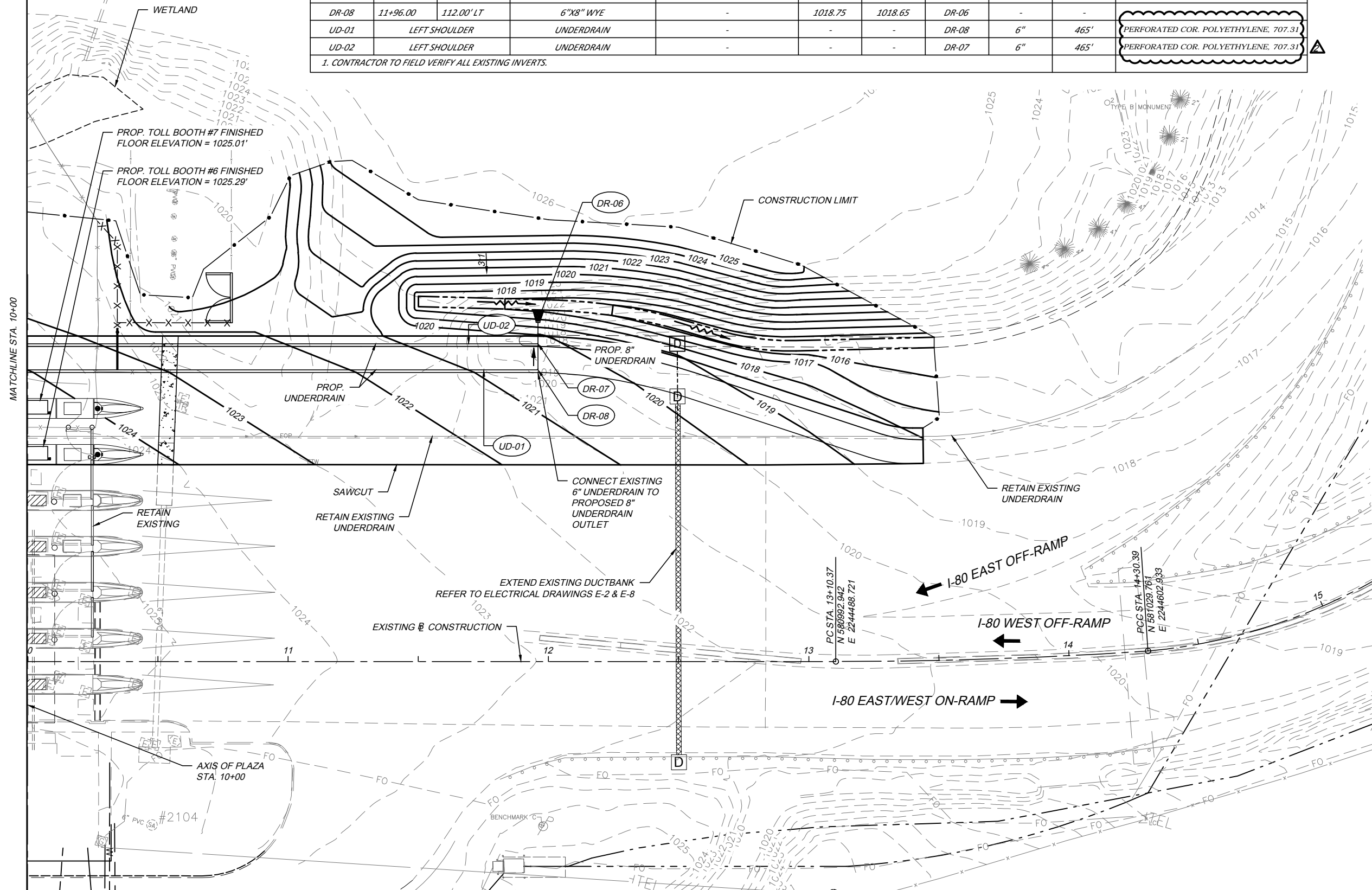
CHECKING PRINT

CHECKED: _____ DATE: _____ CORRECTED: _____ DATE: _____
 BACKCHECKED: _____ DATE: _____ APPROVED: _____ DATE: _____

XXXXXXXXG001.dwg: 8/24/18 - 2:38pm

TP 180 DRAINAGE STRUCTURE TABLE										
REF. NO.	STATION	OFFSET	DESCRIPTION	RIM ELEVATION	INVERT ELEVATION		OUTLET PIPE			
					INLET	OUTLET	REF. NO.	SIZE	LENGTH	TYPE
DR-06	11+96.00	130.25' LT.	HEADWALL	-	-	1017.75	-	8"	18'	STD. ODOT DM 1.1
DR-07	11+96.00	122.00' LT	6"x8" WYE	-	1018.30	1018.10	DR-06	-	-	-
DR-08	11+96.00	112.00' LT	6"x8" WYE	-	1018.75	1018.65	DR-06	-	-	-
UD-01	LEFT SHOULDER		UNDERDRAIN	-	-	-	DR-08	6"	465'	PERFORATED COR. POLYETHYLENE, 707.31
UD-02	LEFT SHOULDER		UNDERDRAIN	-	-	-	DR-07	6"	465'	PERFORATED COR. POLYETHYLENE, 707.31

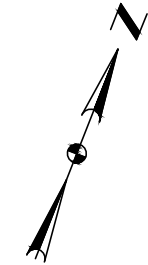
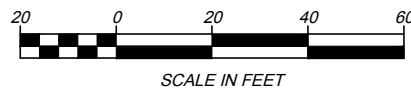
1. CONTRACTOR TO FIELD VERIFY ALL EXISTING INVERTS.



DRAINAGE NOTES:

1. SEE DRAINAGE NOTES, DRAWING C-4.

SEE DRAWING'S C-2 & C-3 FOR SITE PLANS
 SEE DRAWING C-8 FOR GEOMETRY PLAN



DESIGN AGENCY: **JACOBS**
 10511 AMERSON AVENUE, 8 FLOOR
 BOSTON, MA 02108
 OFFICE OF PROJECT

PROJECT 58-18-02
 DATE: 07/06/18

GRADING AND DRAINAGE PLAN
 STA. 10+00 TO END OF PROJECT

TP 180

SUMMIT COUNTY

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

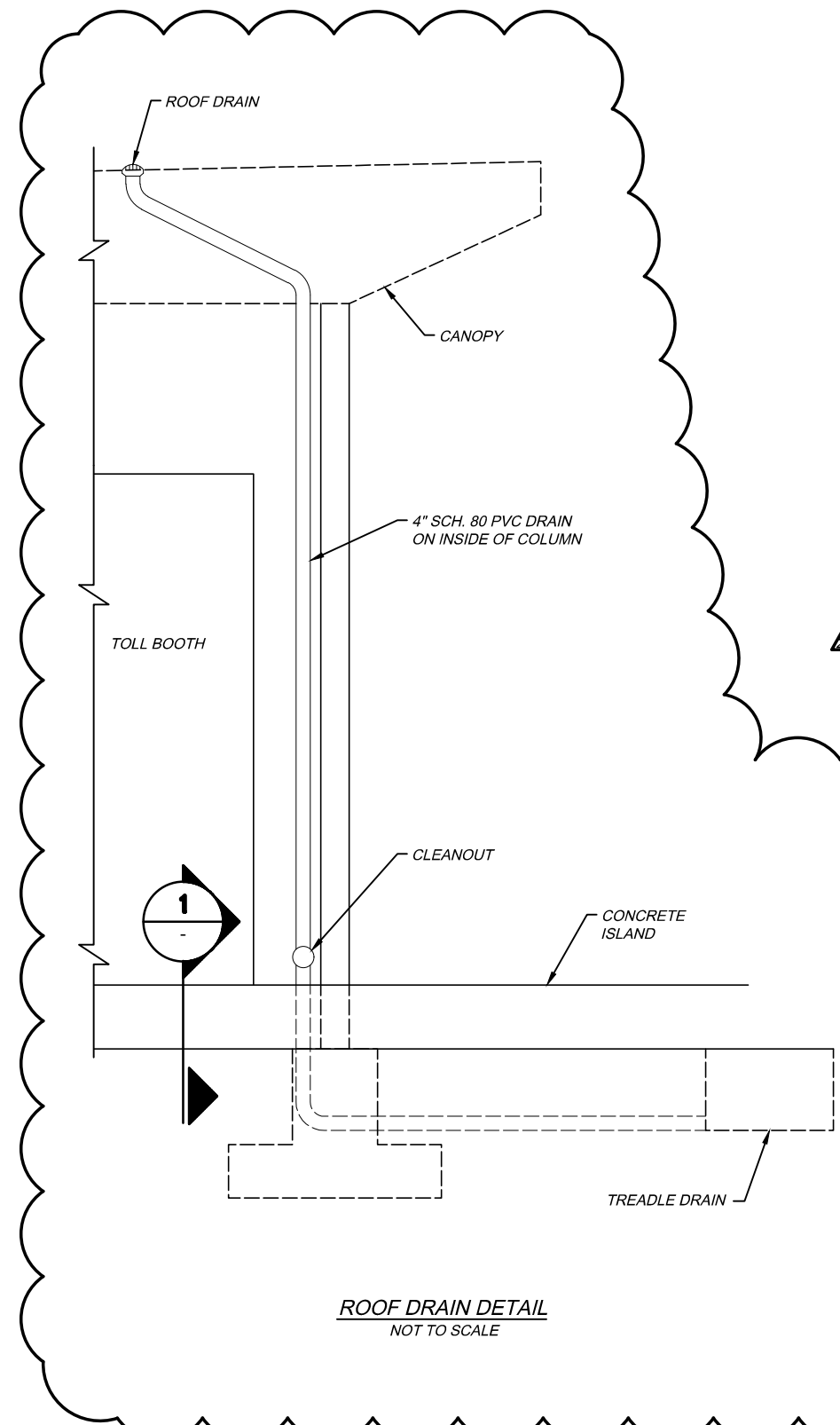
OHIO TURNPIKE

9
75

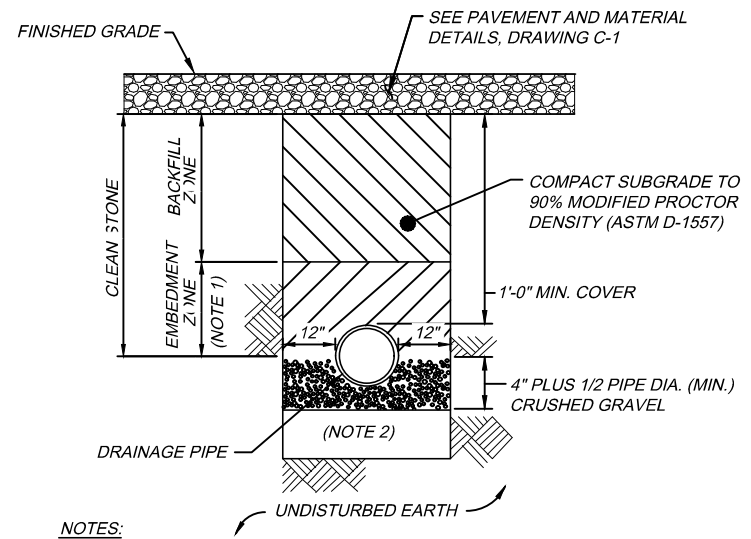
CHECKING PRINT

CHECKED: _____ DATE: _____ CORRECTED: _____ DATE: _____
 BACKCHECKED: _____ DATE: _____ APPROVED: _____ DATE: _____

XXXXXXXXD001.dwg; 8/24/18 - 9:21am

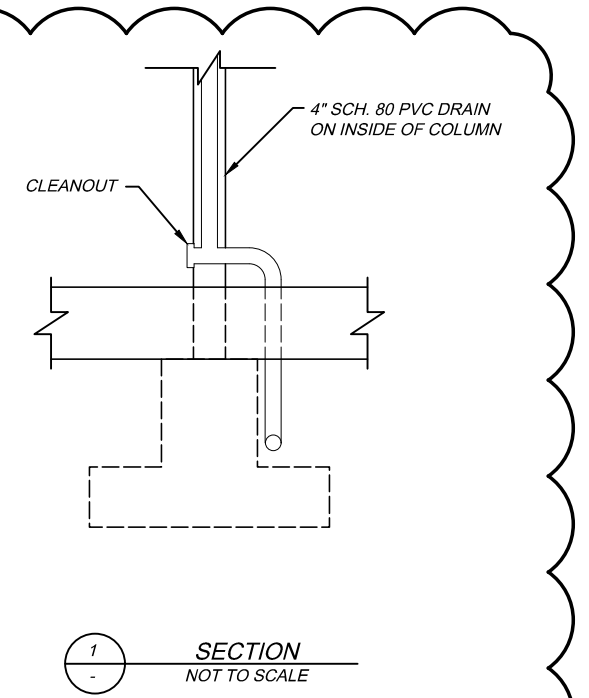


ROOF DRAIN DETAIL
NOT TO SCALE

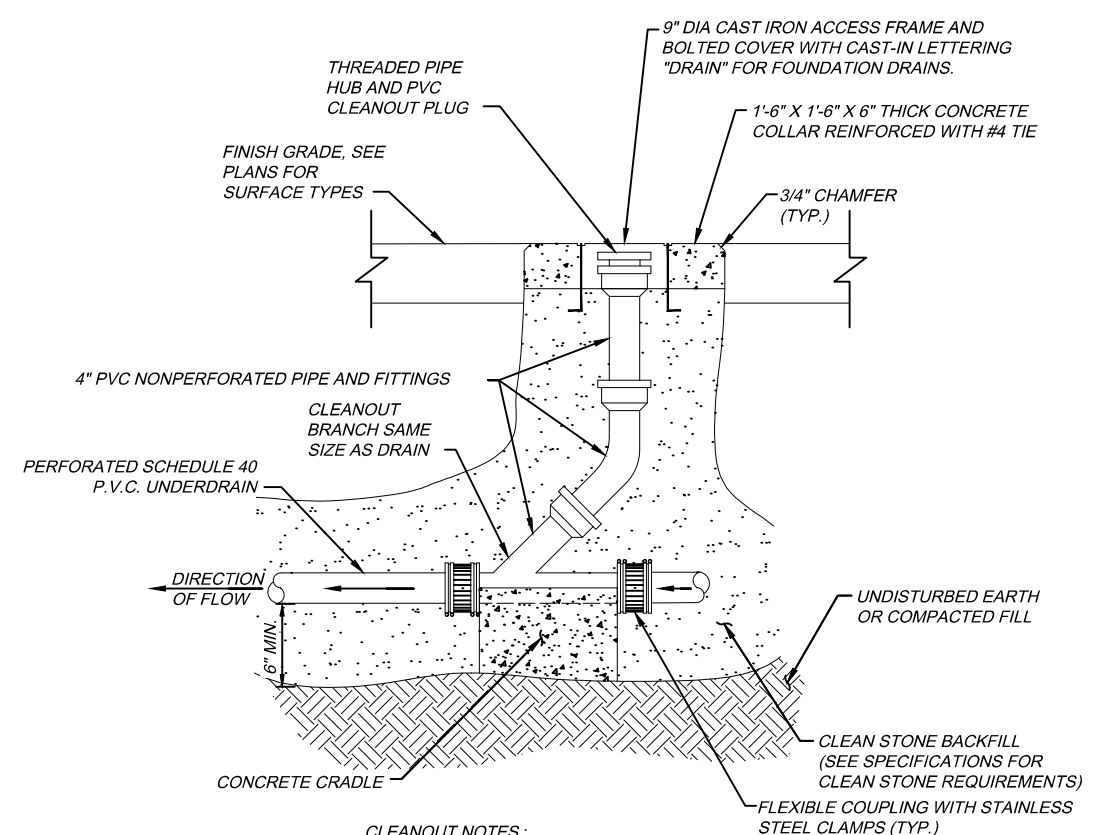


- NOTES:**
- BACKFILL IN EMBEDMENT ZONE SHALL BE PLACED BY HAND IN 6-INCH LIFTS ON BOTH SIDES OF PIPE TO PREVENT DISPLACEMENT. COMPACT TO 95% MAX. DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.
 - IF UNSUITABLE SOIL MATERIALS ARE ENCOUNTERED, REMOVE AND REPLACE WITH 12 INCHES ADDITIONAL BEDDING OR AS DIRECTED BY ENGINEER.
 - TRENCH SHALL BE BACKFILLED TO THE SURROUNDING EXISTING GROUND ELEVATION.

TYPICAL PIPE TRENCH
NOT TO SCALE



SECTION 1
NOT TO SCALE



- CLEANOUT NOTES:**
- CONCRETE SHALL BE MINIMUM 4,000 PSI 28 DAY COMPRESSIVE STRENGTH. MAINTAIN 3" CONCRETE COVER OVER ALL REINFORCING STEEL.
 - INLINE CLEANOUT SHOWN. FOR CLEANOUTS AT THE END OF LINES, PROVIDE 45° BEND IN LIEU OF WYE.

TYPICAL CLEANOUT DETAIL
NOT TO SCALE

PROJECT 58-18-02	DATE: 07/06/18	TP-180	SUMMIT COUNTY	SITE DETAILS STORMWATER	DESIGNED	JTB	NO.	REVISIONS	BY	DATE
					DRAWN	JTB	ADDENDUM NO. 2	CSM	CSM	8-23-18
C-11					CHECKED	CSM				
					IN CHARGE	CSM				

DESIGN AGENCY: **JACOBS**
 100 ST. JAMES AVENUE, 15 FLOOR
 BOSTON, MA 02116
 OFFICE: 617-267-9000

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

OHIO TURNPIKE