



PCO #024

Ratcliff Constructors, LP  
4200 Beltway Drive  
Addison, Texas 75001  
Phone: (972) 432-9969  
Fax: (972) 432-9943

Project: 21-501 - Collin County Adult Detention Facility, Phase 1 Addition  
4300 Community Avenue  
McKinney, Texas 75071

## Prime Contract Potential Change Order #024: RFI #79 Trench Drains CREDIT

TO:	Collin County 4600 Community Avenue McKinney Texas, 75071	FROM:	Ratcliff Constructors, LP 4200 Beltway Drive Addison Texas, 75001
PCO NUMBER/REVISION:	024 / 0	CONTRACT:	1 - Collin County Adult Detention Facility, Phase 1 Addition Prime Contract
REQUEST RECEIVED FROM:		CREATED BY:	CJ Perry (Ratcliff Constructors, LP)
STATUS:	Pending - In Review	CREATED DATE:	10/10 /2022
REFERENCE:		PRIME CONTRACT CHANGE ORDER:	
FIELD CHANGE:	No		
LOCATION:		ACCOUNTING METHOD:	Amount Based
SCHEDULE IMPACT:		PAID IN FULL:	No
		TOTAL AMOUNT:	(\$5,721.57)

POTENTIAL CHANGE ORDER TITLE: RFI #79 Trench Drains CREDIT

CHANGE REASON: Client Request

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*  
RFI #79 Trench Drains CREDIT

Provide for a CREDIT of (6) six trench drains. Additional floor drains (FD-1) and associated materials will be added in lieu of the trench drains. See back up attached.


ATTACHMENTS:

#	Cost Code	Description	Type	Amount
1	22-100 - Plumbing	Trench Drains CREDIT	Subcontractor	(\$5,721.57)
Subtotal:				(\$5,721.57)
Grand Total:				(\$5,721.57)

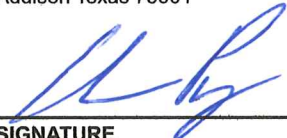
Michael Woods (Brinkley Sargent  
Wiginton Architects)  
5000 Quorum Drive, Suite 600  
Dallas Texas 75254

Collin County  
4600 Community Avenue  
McKinney Texas 75071

Ratcliff Constructors, LP  
4200 Beltway Drive  
Addison Texas 75001

  
SIGNATURE DATE 10-28-2022

SIGNATURE DATE

  
SIGNATURE DATE 10/27/22



**Ratcliff Constructors, LP**  
4200 Beltway Drive  
Addison, Texas 75001  
P: (972) 432-9969  
F: (972) 432-9943

**Project: 21-501 Collin County Adult Detention  
Facility, Phase 1 Addition**  
4300 Community Avenue  
McKinney, Texas 75071

## RFI #79: Shower Floor Drain Vs. Trench Drain

<b>Status</b>	Open		
<b>To</b>	Jason Mansur (MD Engineering, LLP - MEP Engineer) Michael Woods (Brinkley Sargent Wiginton Architects)	<b>From</b>	CJ Perry (Ratcliff Constructors, LP) 4200 Beltway Drive Addison, Texas 75001
<b>Date Initiated</b>	Aug 11, 2022	<b>Due Date</b>	Aug 18, 2022
<b>Location</b>		<b>Project Stage</b>	
<b>Cost Impact</b>	TBD	<b>Schedule Impact</b>	TBD
<b>Spec Section</b>		<b>Cost Code</b>	
<b>Drawing Number</b>		<b>Reference</b>	
<b>Linked Drawings</b>			
<b>Received From</b>			
<b>Copies To</b>	Brian Odom (Ratcliff Constructors, LP), Ryan Pechacek (Ratcliff Constructors, LP), CJ Perry (Ratcliff Constructors, LP), Scott Trcka (Ratcliff Constructors, LP), Shane Worley (Ratcliff Constructors, LP)		

### Activity

#### Question

**Question from CJ Perry Ratcliff Constructors, LP on Thursday, Aug 11, 2022 at 10:58 AM CDT**

Per the contract documents, all the showers on each floor receive floor drains in the center of the showers. The lower level does not call out for trench drains on the back wall of the showers. Level 1 & tier level calls out for trench drains on roughly half of the showers. Please advise if we need to REMOVE all the trench drains, OR add additional trench drains at each shower.

Thanks,

#### Official Response

**Response from Michael Woods Brinkley Sargent Wiginton Architects on Tuesday, Aug 23, 2022 at 10:28 AM CDT**

Trench drains should be removed from all shower locations and center set (round) floor drains should be used. There are several locations where the trench drain will conflict with top bar reinforcing at PT beam locations. We suggest that the pipes be completely vertical through the full beam depth. Coordinate sleeves and pipes accordingly. Provide credit for trench drains currently in the scope.

#### All Replies

**Response from Michael Woods Brinkley Sargent Wiginton Architects on Tuesday, Aug 23, 2022 at 10:28 AM CDT**

Trench drains should be removed from all shower locations and center set (round) floor drains should be used. There are several locations where the trench drain will conflict with top bar reinforcing at PT beam locations. We suggest that the pipes be completely vertical through the full beam depth. Coordinate sleeves and pipes accordingly. Provide credit for trench drains currently in the scope.

**Response from Jason Mansur MD Engineering, LLP - MEP Engineer on Friday, Aug 19, 2022 at 10:22 AM CDT**

Because of the structural beams on first floor and tier level there are certain areas where the trench drain had to be used. Install trench drains where shown and center drains every trench drain is not shown.

Daum Plumbing Co. Inc

972-241-7000 Fax 972-241-7074  
TSBPE 512-458-2145 S Daum#M14182  
11695 Airway Blvd  
Roanoke, TX 76262

# CHANGE ORDER

Date	Estimate #
9/20/2022	9964

Name / Address
Ratcliff Construction LP 14901 Quorum Drive #715 Dallas, TX 75254 972-432-9969 972-432-9943 Fax

Project
22121 - Ratcliff - Co...

Description	Qty	Total
Per RFI 79 Change order to change from TD to FD1 at Shower locations Credit Amount Will apply  Per P221, P231 Riser Diagrams on P502, P503  Credit for 6 - Trench Drains @ 2500.00 @ 15000.00 Credit for Installation only of TD Bodies, 6 @ 1 Hour Each 85.00 Per hour Plumber (Based on Labor Burden) x 6 510.00 40.00 Per Hour Apprentice (Based on Labor Burden) x 6 240.00 Total Labor Credit for Not Installing 6 Trench Bodies = 750.00  Total Credit for 6 Trench drain bodies and Labor 15750.00	1	15,750.00
Collin County Detention Center Phase I Addition	<b>Total</b>	\$15,750.00

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TSBPE 512-458-2145 S Daum#M14182  
11695 Airway Blvd  
Roanoke, TX 76262

# CHANGE ORDER

Date	Estimate #
10/14/2022	9976

Name / Address
Ratcliff Construction LP 14901 Quorum Drive #715 Dallas, TX 75254 972-432-9969 972-432-9943 Fax

Project
22121 - Ratcliff - Co...

Description	Qty	Total
RFI 79  Add 12 Floor Drains in Lieu of 6 Trench Drains Trench Drain Credit on Proposal 9964  This Change Order address additional 12 FD1 and Piping/and Drain System  Per RFI 79 Change order to change from TD to FD1 at Shower locations Credit Amount Will apply  Per P221, P231 Riser Diagrams on P502, P503  Install 2 FD-1 Floor Drains at Each of the 6 Trench Drain Location (Additional FD1)  Will be adding Fittings for P traps and Vents at each Additional location (6) and Reroute to accommodate FD1 Materials to Include but not limited to - 4278.43 12 - Additional FD1 6 - Additional 6 Ptraps with Taps 6 - Wyes, 80' - 3" NH Pipe 45 - 3" NH Bands 25 - 3" Hangers 250' ATR 200 Nuts 200 Washers 100 Anchors		10,028.43
Collin County Detention Center Phase I Addition	<b>Total</b>	

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11695 Airway Blvd

Roanoke, TX 76262

# CHANGE ORDER

Date	Estimate #
10/14/2022	9976

Name / Address
Ratcliff Construction LP 14901 Quorum Drive #715 Dallas, TX 75254 972-432-9969 972-432-9943 Fax

Project
22121 - Ratcliff - Co...

Description	Qty	Total
12 Trap Primers 18 - 1/2 Male Adapter 12 - 1/2 FM Adapter 120' - 1/2 Copper 12 - 1/2 Ball Valves Teflon Tape/Solder, flux  46 Additional Hours - Plumber/Apprentice 85.00 Per Hour Plumber (based on Labor Burden) x 46 = 3910.00 40.00 Per Hour Apprentice (based on Labor Burden) x 46 = 1840.00 Total Labor to Change Configuration of FDI Set Up Verses TD Set Up - 5750.00		
Collin County Detention Center Phase 1 Addition	<b>Total</b>	