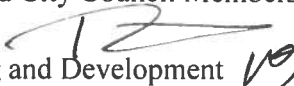


**PLANNING AND DEVELOPMENT DEPARTMENT  
MEMORANDUM 16-02**

**DATE:** February 22<sup>nd</sup>, 2016  
**TO:** Honorable Mayor Joyce Downing and City Council Members  
**FROM:** David Willett, Acting City Manager   
Brook Svoboda, Director of Planning and Development  
**SUBJECT:** 112<sup>th</sup> Ave North Metro Station Betterments - discussion

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**BACKGROUND**

The attached information is intended to identify if Council wishes to pursue “betterments” to the 112<sup>th</sup> Ave Station further, and in doing have RTD/RRP develop more detailed information. Formal cost estimates/final proposal would be presented to Council at a future study session. The only time sensitive issue is the wall treatment, discussed further below. RTD and RRP have presented Staff preliminary cost estimates for proposed betterments.

Staff is requesting direction from Council whether they wish to pursue betterments and formalize the preliminary cost estimates into final (designed) cost estimates, with the understanding that final costs will likely be higher.

**Station Platform Wall Treatment**

The construction of the station platform is scheduled for April. As part of the foundation construction, the project will be installing a fractured fin treatment that will face the parking area - a rendering is attached hereto as **Attachment 1**. This treatment is being applied to all station platforms throughout the North Metro corridor. RTD/RRP are requesting whether or not the City desires an alternative treatment for this location.

The City has the option to consider alternate treatments; however, they would be considered a “Bettement” – an additional cost to the City. Included as **Attachment 2** are alternative treatments that are available. Options C-F have an additional cost ranging from \$16 - \$24 sq ft. Option B would be at no additional cost. There is approximately 3,000 sq ft of surface area the range in cost is \$54,000 - \$72,000. The table provides the preliminary estimated costs for each treatment

Option	Price / Sq ft	Estimated Cost to City
B	\$0.00	\$0.00
C	\$18.00	\$54,000
D	\$16.00	\$48,000
E	\$21.00	\$63,000
F	\$24.00	\$72,000

**Column Wrap for Covered Area at Platform**

The current column is proposed as a square shaped girder element, which is consistent with all other stations along the north metro line. Since the station is intended to reflect a tree/nature centric theme, it was previously requested to seek pricing to wrap the vertical girder column with a cylindrical form to reflect a rounded tree trunk. Attached hereto as **Attachment 3** is a rendering of the columns as a well as specifications detail for the cylinder. It is estimated that the cost would be approximately \$40k for brushed stainless or \$80k for copper.

**Location(s) for Future Art Work**

**Attachment 4** depicts the locations that are being preserved for future art installations. Two would be wall mounted and another would be a ground installation. There is still sufficient time to work RTD on final design elements and placement.

**RECOMMENDATION**

Staff is seeking direction on whether to move forward part of all of the proposed betterments

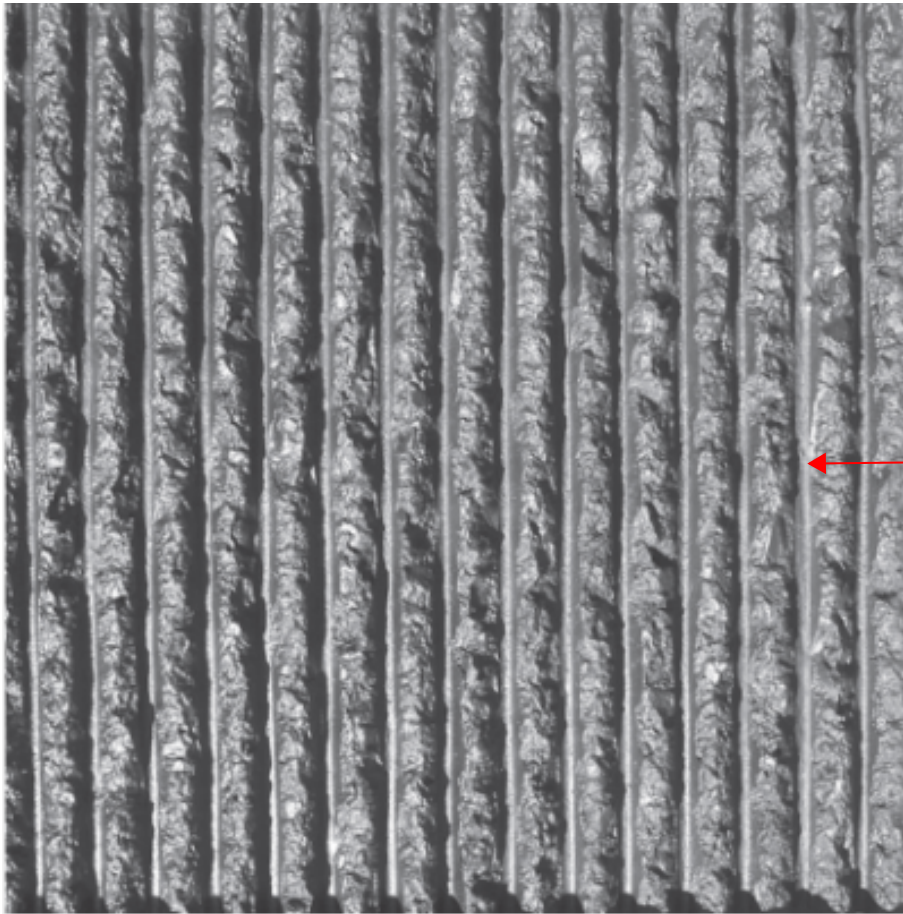
**STAFF REFERENCE**

Brook Svoboda, Director of Planning and Development [bsvoboda@northglenn.org](mailto:bsvoboda@northglenn.org) or 303.450.8937

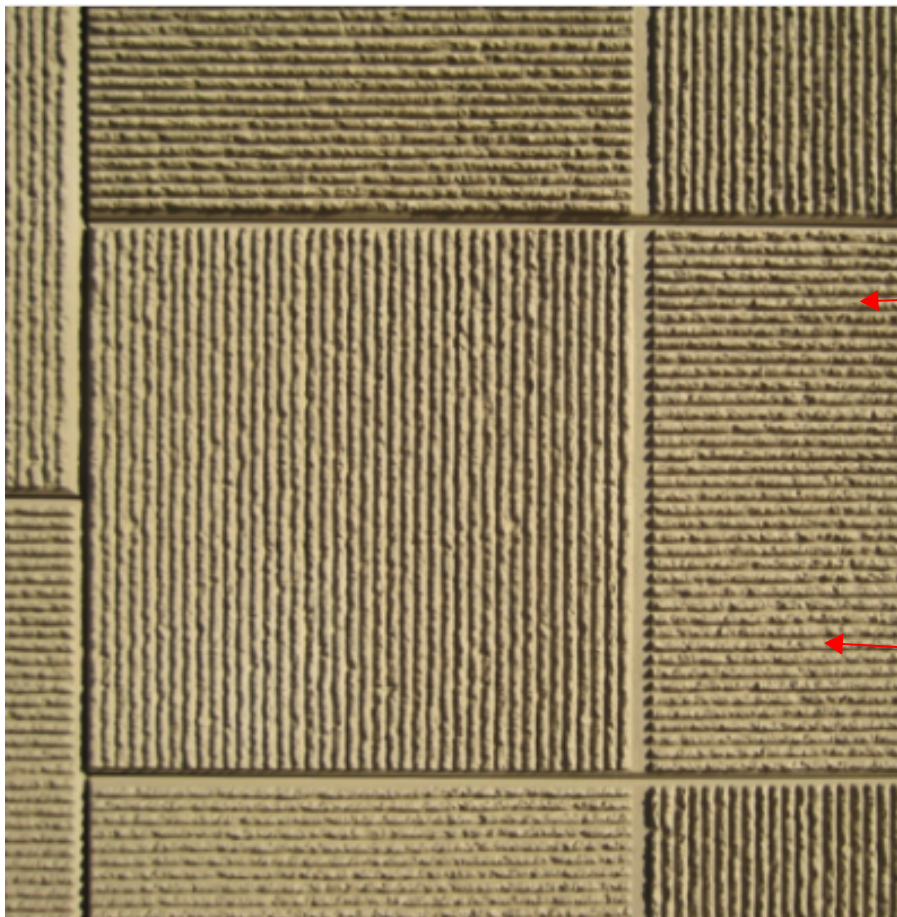
**ATTACHMENTS**

- Attachment 1 - proposed wall treatment
- Attachment 2 – alternative wall treatment
- Attachment 3 – proposed cylindrical coverings for platform columns
- Attachment 4 – locations for future art work

## ATTACHMENT 1



← cast in place walls  
base texture  
vertical fractured fin



← MSE wall base  
texture  
alternating fractured  
fin

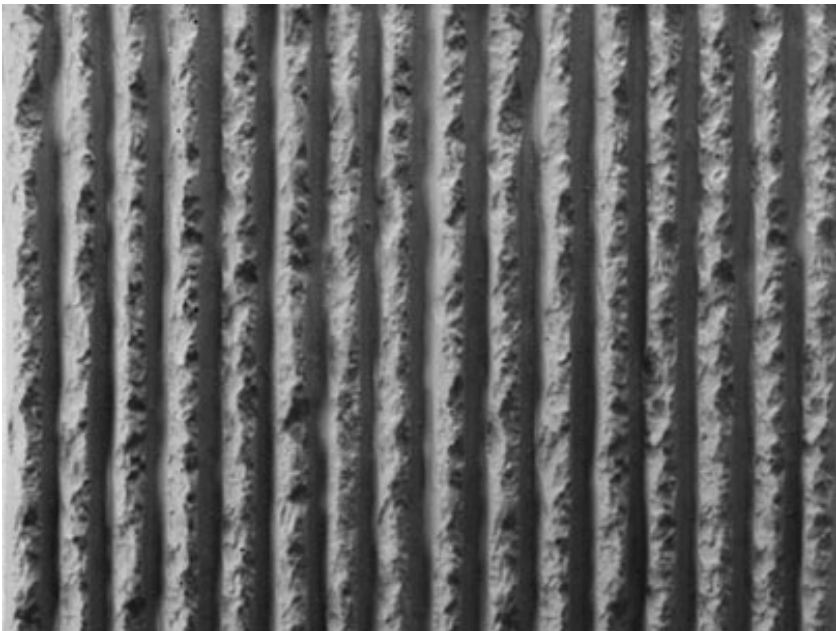
← aprox color



ATTACHMENT 2



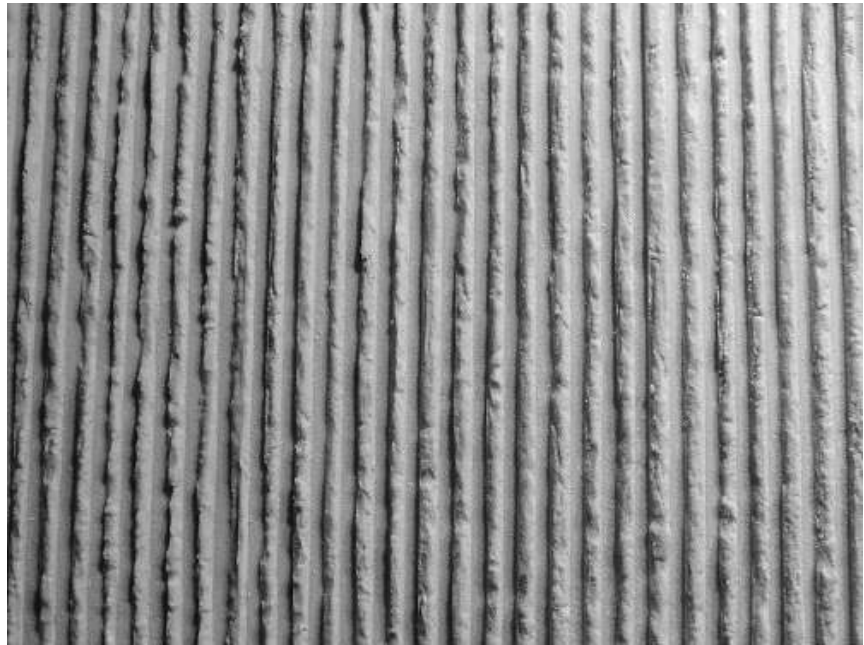
fractured fin (base)



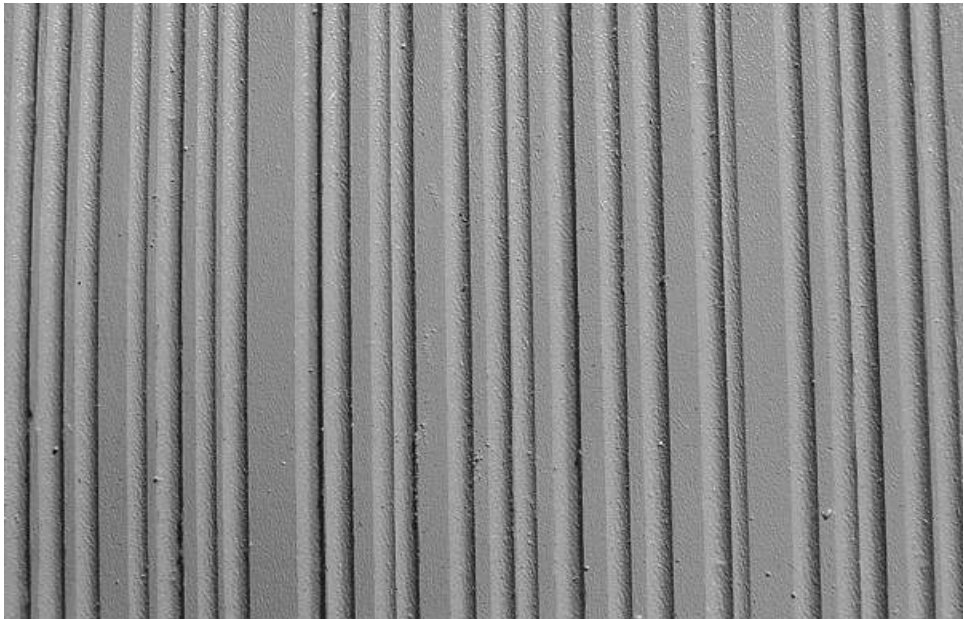
Option B No Addiotnal Cost



Option C \$18/sqft



Option D \$16/sqft



Option E \$21/sqft




Option F \$24-75/sqft

USER: sloucks 4/21/2015 10:24:02 AM NM-C-CW-001-PH1B Detail\_1.dgn

A	ISSUED FOR 60% SUBMITTAL, CDRL 03-036.08.04	REP	02/06/15
NO.	REVISIONS	BY	DATE


DESIGNED BY: FAH      DATE: 02/02/2015

DRAWN BY: SRL      DATE: 02/02/2015

REGIONAL RAIL PARTNERS  
A Balfour Beatty / GRAHAM JOINT VENTURE

CHECKED BY: TJW      DATE: 02/06/2015

APPROVED BY:      DATE:

Stantec

HORZ. SCALE: NTS  
VERT. SCALE: NTS

2000 SOUTH COLORADO BOULEVARD  
SUITE 2-300  
DENVER, COLORADO 80222  
(303) 758-4058

 **FasTracks**  
North Metro  
Rail Line

REGIONAL TRANSPORTATION DISTRICT  
1600 BLAKE STREET  
DENVER, COLORADO 80202  
(303) 628-9000

NORTH METRO RAIL LINE
ANCILLARY CIVIL SOUND WALL DETAILS

PRELIMINARY  
NOT FOR  
CONSTRUCTION

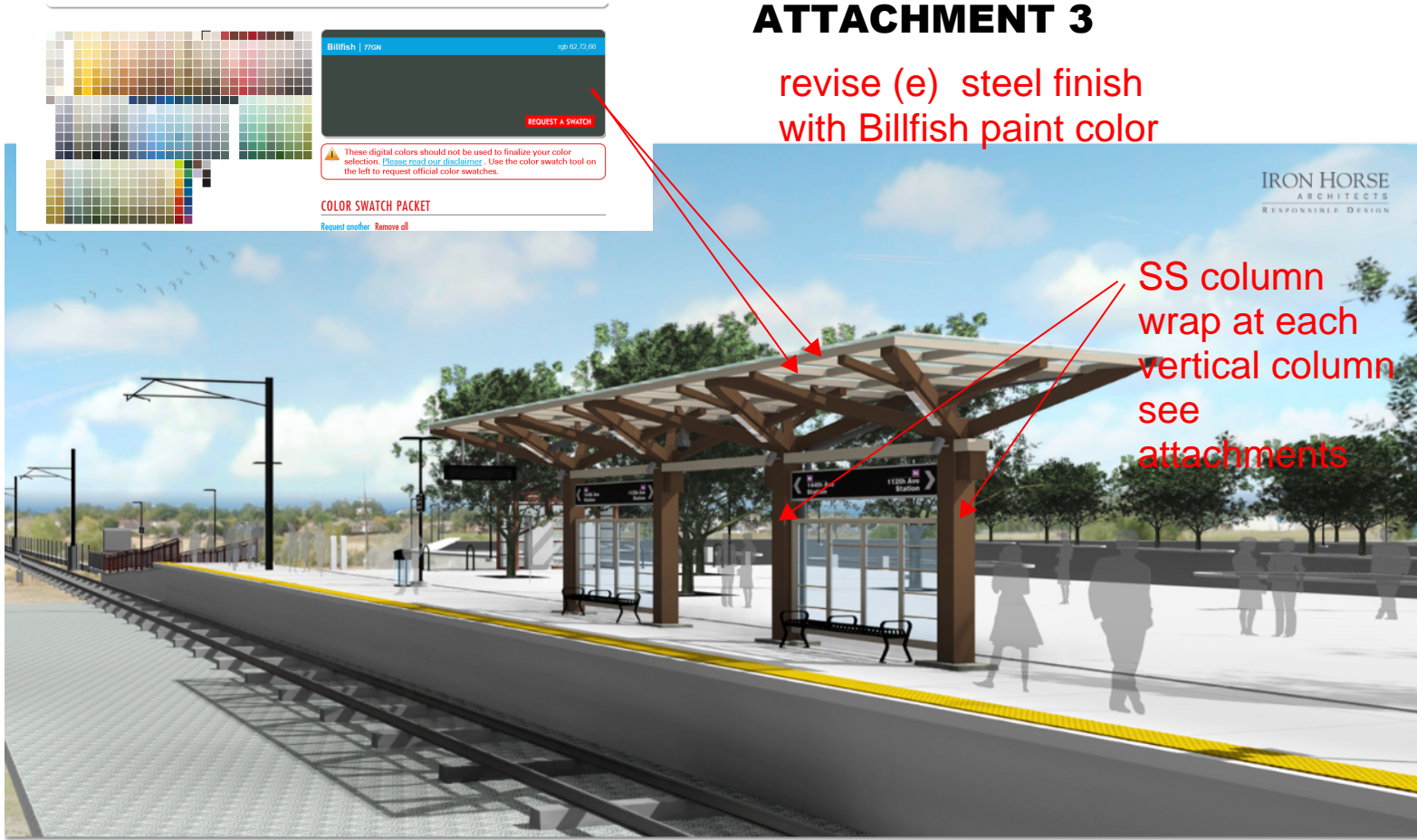
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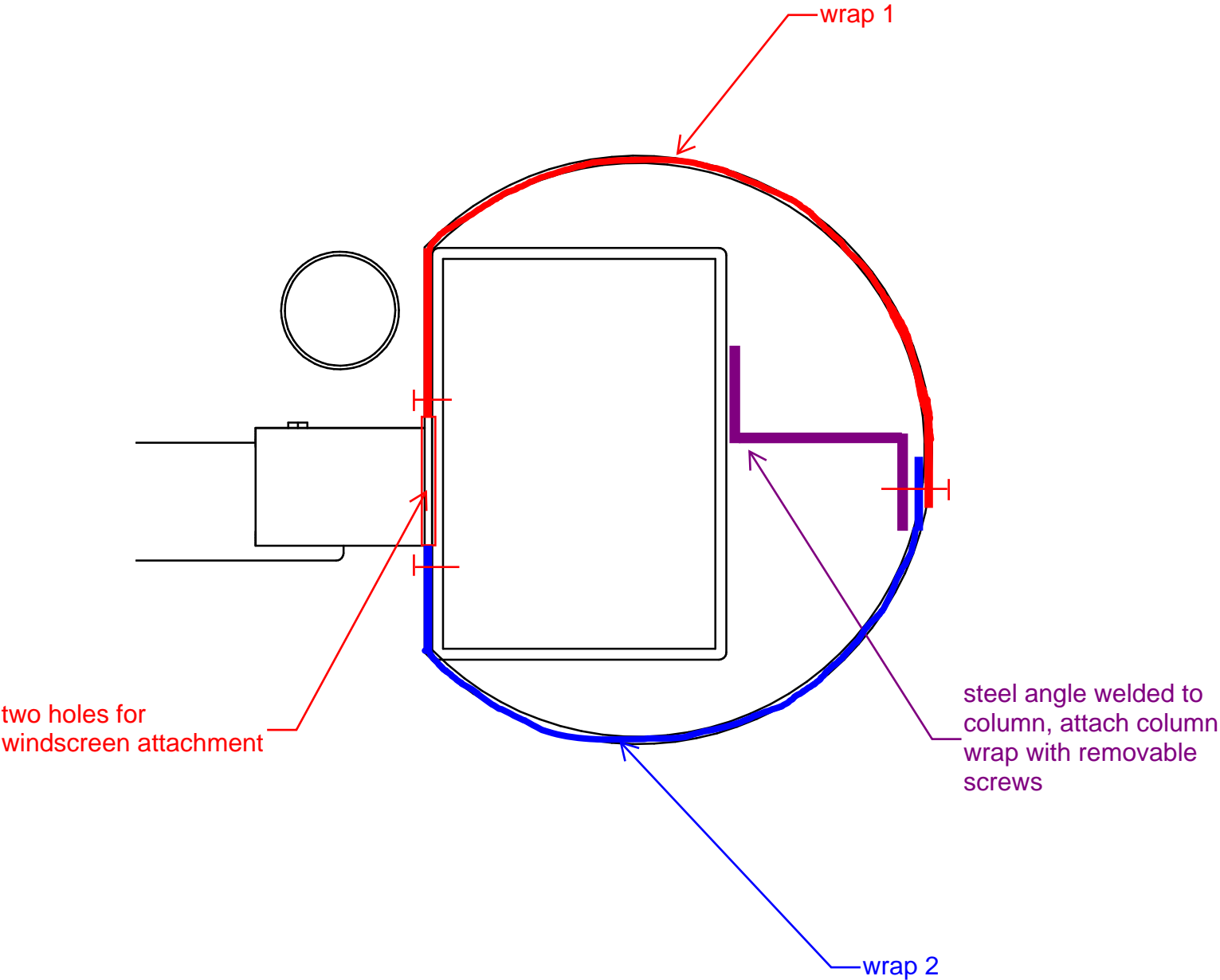
## ATTACHMENT 3

revise (e) steel finish  
with Billfish paint color

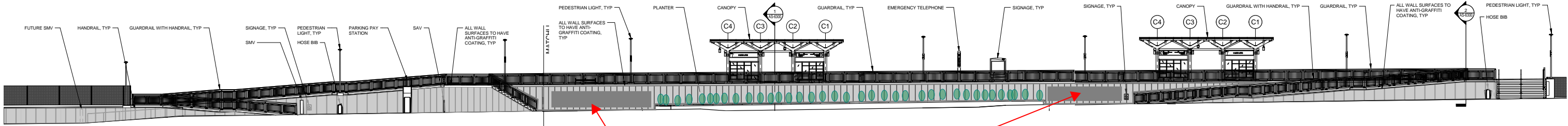
SS column  
wrap at each  
vertical column  
see  
attachments



112th Station column wrap plan detail



# ATTACHMENT 4



112th Ave Station East Elevation

possible art location



# 112th Avenue (Northglenn)

**POSSIBLE ART LOCATION**

316 parking spaces  
4 bus bays

