Thursday, February 27, 2020 12:20:31 PM
pw://pwhdruscen01:HDR_US_Central_01/Documents/Dallas_Area_Rapid_Transit_DART_Dallas_TX/DART_General_Planni

DWG No. MC5-3011

3-3 3-4 3-5 3-6 3-7 3-8 3-9 3-10 3-10.5 3-11 3-12

SCALE (IN FEET)
0 4 8 16

PRE-FARE 3101
VENT 3102
STAFF OFFICE 3203
PRE-FARE 3201
FARE PAID LOBBY 3202
VENT 3212
LOBBY 3302
VENT SHAFT 3208
714 SF
20' X 17' VENTILATION PLENUM
CONCOURSE 3400
CORRIDOR 3406
VENT 3212
FAN ROOM 3504
FAN ROOM 3504
UNASSIGNED UTILITY 3501
UNASSIGNED UTILITY 3502
FAN ROOM 3504
TUNNEL VENTILATION FAN (3 TYP)
VENTILATION SEPTUM STEEL WALL BETWEEN FAN SILENCERS

Commerce – Roof EL. 455' – 3"
Commerce – Ceiling Level EL. 450' – 3"
Commerce – Pegasus Plaza EL. 430' – 3"
Commerce – Upper Mezzanine EL. 406' – 3"
Commerce – Middle Mezzanine EL. 396' – 3"
Commerce – Lower Mezzanine EL. 370' – 0"
Commerce – Platform West (69+91.53) EL. 354' – 2 1/2"

CM - MECHANICAL SPACE PROOFING CROSS SECTIONS

SCALE: 1"=1/8"

XXX-XXXX

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NOT AN APPROVED DRAWING
PRELIMINARY 20% DESIGN

CONTRACT SHEET No.

REV	AMEND	CR	DATE	DESCRIPTION	BY	ENG	CHK	APP

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JERRY STEVEN CASEY, P.E. NO. 65588
ON 03/06/2020
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HNTB

HNTB Corporation
The HNTB Companies
Engineers Architects Planners
TBPE Firm Registration No.420

DART PROJECT

DART

SCALE	1/8"=1'-0"
DRAWN	B. WHITESIDE
DESIGNED	T. TRAN
CHECKED	S. CASSADY
IN CHARGE	J. CASEY
DATE	06 MAR 2020

CAES

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

COMMERCE STATION
MECHANICAL SPACE PROOFING
CROSS SECTIONS

CONTRACT	DWG No.	REV
	MC5-3011	

bwhiteside

pw://pwhdruscen01:HDR_US_Central_01/Documents/Dallas_Area_Rapid_Transit_DART_Dallas_TX/DART_General_Planning_CS_V1/6.0_CAD_BIM/6.2_Work_In_Prog

Thursday, February 27, 2020 12:22:25 PM
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DWG No. MC5-3018

3-D.5 3-D CBD2-BBC.2 3-C 3-B 3-AA CBD2-BB 3-A 3-DD 3-EE

SCALE (IN FEET)
0 4 8 16

Commerce – Center Street Level
EL. 432' – 3"

Commerce – Upper Mezzanine
EL. 406' – 3"

Commerce – Lower Mezzanine
EL. 370' – 0"

Commerce – Platform East (73+76.53)
EL. 355' – 2 3/4"

VENTILATION PLENUM SPACE REQUIRES THE FULL HEIGHT SECTION OVER THE FULL LENGTH OF STATION

340 SF VENTILATION ADIT CONNECTING BOTH GUIDEWAY 220 SF VENTILATION DUCTS TO VENTILATION FAN ROOM ADIT

ADJUST ADIT HEIGHT TO ACCOMODATE DUCTWORK

VENT SHAFT
3220
VENTILATION DUCT
16' X 34' TO LOUVERS
ABOVE GRADE
16'-0"

220 SF LONGITUDINAL VENTILATION DUCT

220 SF LONGITUDINAL VENTILATION DUCT

340 SF FAN ROOM VENTILATION ADIT

ROUTE TO FAN

PLATFORM
3530

VENT
3520

CONTROL
3431

VENTILATION CAVERN
3531

VENTILATION SEPTUM STEEL WALL BETWEEN FAN SILENCERS

TUNNEL VENTILATION FAN

CM - MECHANICAL SPACE PROOFING CROSS SECTIONS (1 / MC5-3018)

SCALE: 1"=1/8"

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DRAWN	B. WHITESIDE
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CHECKED	S. CASSADY
IN CHARGE	J. CASEY
DATE	06 MAR 2020

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

COMMERCE STATION
MECHANICAL SPACE PROOFING SECTION
CROSS SECTION

CONTRACT | DWG No. MC5-3018 | REV

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Thursday, February 27, 2020 12:15:52 PM
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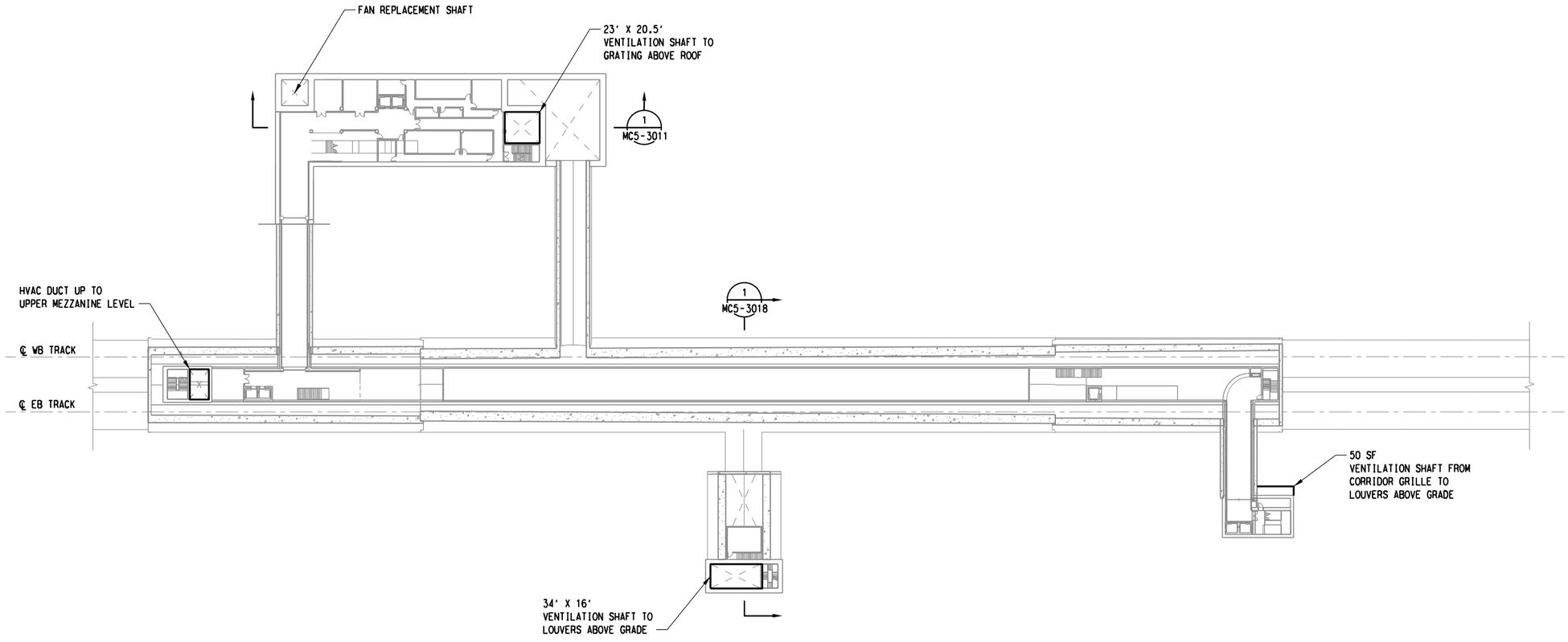

SCALE (IN FEET)
0 20 40 80

CM - LOWER LEVEL OVERALL MECHANICAL SPACE PROOFING PLAN

SCALE: 1"=40'

1
MC2-3510

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REV	AMEND	CR	DATE	DESCRIPTION	BY	ENG	CHK	APP

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DART PROJECT

SCALE	1"=40'-0"
DRAWN	B. WHITESIDE
DESIGNED	T.TRAN
CHECKED	S. CASSADY
IN CHARGE	J. CASEY
DATE	06 MAR 2020

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LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2
COMMERCE STATION
OVERALL LOWER LEVEL
MECHANICAL SPACE PROOFING
FLOOR PLAN

CONTRACT	DWG No.	REV
	MC2-3410	

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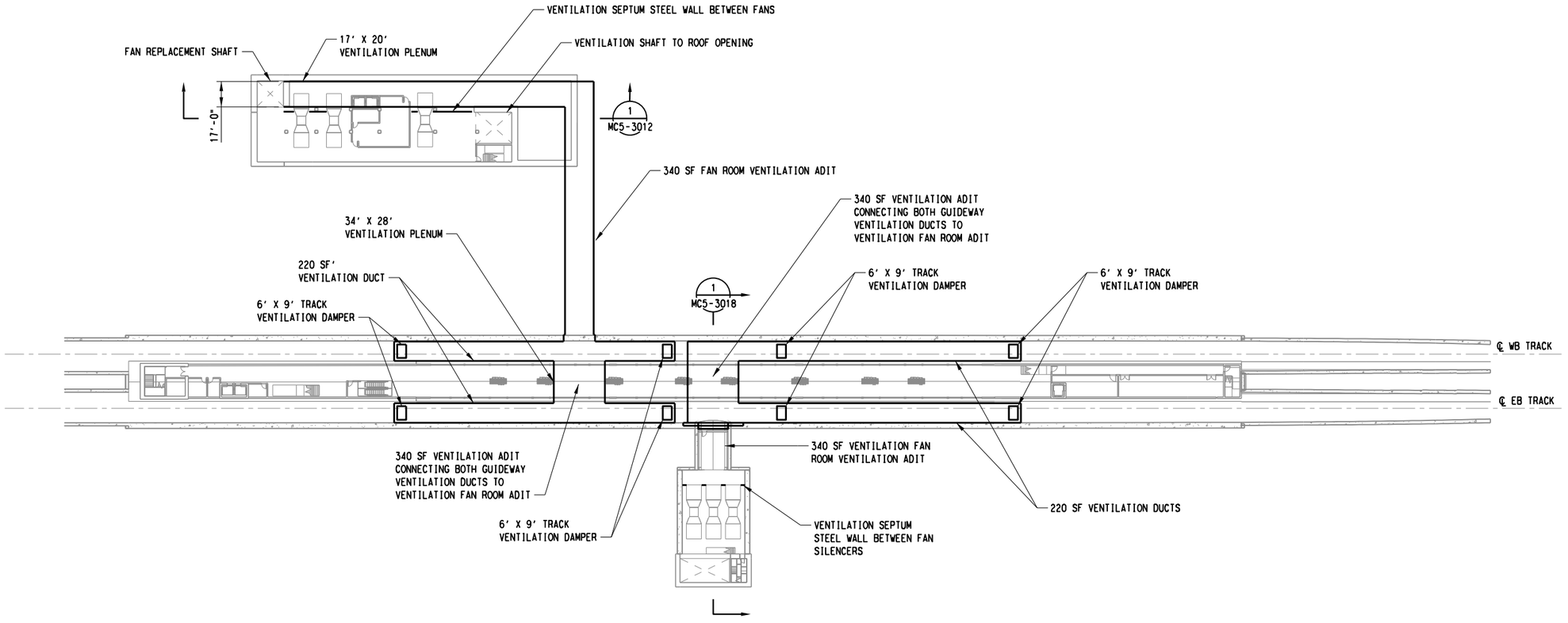
DWG No. MC2-3510



SCALE (IN FEET)
0 20 40 80

CM - PLATFORM LEVEL OVERALL MECHANICAL SPACE PROOFING PLAN

SCALE: 1"=40'

1
MC2-3510

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REV	AMEND	CR	DATE	DESCRIPTION	BY	ENG	CHK	APP

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LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2
COMMERCE STATION
OVERALL PLATFORM LEVEL
MECHANICAL SPACE PROOFING
FLOOR PLAN

CONTRACT	DWG No.	REV
	MC2-3510	

dwhiteside

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