A-2

Volume B, Station Architecture Plans
### Permanent Alignment Control Monuments

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**NOTES:**

1. GRID COORDINATES = SURFACE COORDINATES X 0.999863513
3. THE CONTROL POINTS SHOWN ARE PROPOSED BY LTRA; IN ANY EVENT WILL BE UPDATED FROM NDM IN 2018 - ALL DESCRIPTIVE TEXT BELOW NOT IN 2018.
NOT FOR CONSTRUCTION
NOT AN APPROVED DRAWING
PRE-JANUARY 30% DESIGN

MUSEUM WAY STATION
PLATFORM
PARTIAL PLAN B

NOTES:
1. TRACK RAILS ARE INDICATED FOR INFORMATION PURPOSES ONLY.
2. TOP OF RAIL = 0'-0".
3. FOR CONDUIT LOCATION IN COLUMN SEE SHEET AS3-0004.
4. PIN HOLE IN COL. 1 FOR ELECTRICAL PURPOSES ONLY.
5. ALL WARNING STRIPS TO BE TYPE A UNLESS NOTED OTHERWISE. SEE SHEET AS1-0007.
6. FOR VMB STANCHION DETAIL, SEE SHEET AS2-0009.
7. FOR VMB STANCHION DETAIL, SEE SHEET AS2-0006.
8. FOR RACK AND TRASH RECEIVERS, SEE SHEET AS3-0005.
9. PLATFORM CROSS SLOPE DOWN FROM TRACK LINES TO 0%-1, MAX. % 1.75.
10. DESIGNER TO ADJUST LENGTH OF RAMP TO MIN. % 1, MAX. % 1.75. DIRECTION. MAY VARY.
11. PLATFORM CROSS SLOPE DOWN FROM TRACK LINES TO 0%-1, MAX. % 1.75.
12. SEE SHEET AS1-0007.
13. SEE SHEET AS2-0005.
15. SEE DETAIL 1/AS2-0003.
16. SEE DETAIL 1/AS2-0004.
17. ALL WARNING STRIPS TO BE TYPE A UNLESS NOTED OTHERWISE. SEE SHEET AS1-0007.
18. ALL POSSIBLE TVM LOCATIONS ARE SHOWN.
19. SEE SHEET AS2-0007.
20. FOR CONDUIT LOCATION IN COLUMN SEE SHEET AS3-0004.
21. TOP OF RAIL = 0'-0".
22. TRACK RAILS ARE INDICATED FOR INFORMATION PURPOSES ONLY.

MUSEUM WAY STATION
PLATFORM
PARTIAL PLAN B

NOTES:
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MUSEUM WAY STATION
PLATFORM
PARTIAL PLAN B

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MUSEUM WAY STATION
PLATFORM
PARTIAL PLAN B

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20. TRACK RAILS ARE INDICATED FOR INFORMATION PURPOSES ONLY.
NOT FOR CONSTRUCTION
NOT AN APPROVED DRAWING
PRELIMINARY 30% DESIGN

MUSEUM WAY STATION
STATION SECTION AND ELEVATION

NOTES:
1. SEE STRUCTURAL DRAWINGS IN FINAL DESIGN FOR HEIGHT OF CANOPY. SUCH HEIGHT MAY VARY UP TO TOP OF PLATFORM, AND WILL DEPEND ON SITE SPECIFIC CONDITIONS.
2. 8'-4" DIMENSION FOR HEIGHT OF COLUMN CLADDING IS MINIMUM DESIGN HEIGHT FOR CANOPY ELEVATION. IN ORDER TO MAINTAIN A LEVEL PLATFORM AND TOP OF CANOPY, THE 8'-4" COLUMN CLADDING HORIZONTAL CLEARANCE IS A MINIMUM REQUIREMENT. SMALLER CLEARANCES RELATIVE TO INCREASES IN COLUMN HEIGHT WILL REDUCE PLATFORM SLOPE.
3. FOR FINISH AND FRAME DETAIL SEE STATION FRM DESIGN DRAWINGS.
4. 1%-SLOPE DOWN FROM PLATFORM TOP TO SCREEN FRAME LEVEL.
5. SEE STRUCTURAL FRM FOR PLATFORM LEVEL ON FINAL DESIGN DRAWINGS.

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3. FOR FINISH AND FRAME DETAIL SEE STATION FRM DESIGN DRAWINGS.
4. 1%-SLOPE DOWN FROM PLATFORM TOP TO SCREEN FRAME LEVEL.
5. SEE STRUCTURAL FRM FOR PLATFORM LEVEL ON FINAL DESIGN DRAWINGS.
MATCHLINE

SEE DWG. NO. AC2-2212

METRO CENTER STATION - MEZZANINE LEVEL SECTOR PLAN - B2

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PRELIMINARY 30% DESIGN

IN-PROGRESS
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THE PROJECT MANAGER UNDER NO. 302000
ON 10/30/2020
HDR ENGINEERING, INC.
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DART PROJECT
LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2
METRO CENTER STATION
MEZZANINE LEVEL SECTOR PLAN B2

44 OF 220
METRO CENTER STATION - SECTION THROUGH SOUTH HEADHOUSE

SCALE: 1" = 20'

METRO CENTER STATION - SECTION THROUGH EAST HEADHOUSE

SCALE: 1" = 20'

NOT FOR CONSTRUCTION
NOT AN APPROVED DRAWING
PRELIMINARY 30% DESIGN

CONTRACT NO. 82 OF 220

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

DART PROJECT

METRO CENTER STATION
STATION CROSS SECTIONS

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LCSM ASHLEY, LEIDNER INC.

HDR ENGINEERING, INC.
1111 KENNEDY AVENUE, SUITE 650
RALEIGH, NC 27601

2000-09

HDR ENGINEERING, INC.
1111 KENNEDY AVENUE, SUITE 650
RALEIGH, NC 27601

2000-09

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1111 KENNEDY AVENUE, SUITE 650
RALEIGH, NC 27601

2000-09

HDR ENGINEERING, INC.
1111 KENNEDY AVENUE, SUITE 650
RALEIGH, NC 27601

2000-09
COMMERCe STATION-STREET LEVEL OVERALL PLAN

IN-PROGRESS

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COMMERCe STATION
OVERALL STREET FLOOR PLAN

DART PROJECT
LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

NOT DATED
80 OF 220

HDR ENGINEERING, INC.
1111 POST RIVERPLAZA JR, DALLAS

erland, TX 75202

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2
COMMERCe STATION
OVERALL STREET FLOOR PLAN

NOT DATED
80 OF 220

HDR ENGINEERING, INC.
1111 POST RIVERPLAZA JR, DALLAS

erland, TX 75202

COMMERCe STATION-STREET LEVEL OVERALL PLAN

IN-PROGRESS

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COMMERCe STATION
OVERALL STREET FLOOR PLAN

DART PROJECT
LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

NOT DATED
80 OF 220

HDR ENGINEERING, INC.
1111 POST RIVERPLAZA JR, DALLAS

erland, TX 75202
MATCH-LINE

SEE Dwg. No. AC2-3211

MATCH-LINE

SEE Dwg. No. AC2-3216

COMMERCe STATION-UPPER MEZZANINE LEVEL SECTOR PLAN - B1

SCALE 1" = 1'-0"

KEY PLAN

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2
COMMERCe STATION
UPPER LEVEL SECTOR PLAN B1

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CONTRACT 101 OF 220

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DRAFTED BY: G. DART, ALL rights reserved, 1987

DART PROJECT

DATE 9-11-2002

DwG No. 402-9/2

HDR ENGINEERING, INC.
11111 Preston Rd. Suite 300, Dallas, Texas
MATCH LINE
SEE DWG. No. AC2-3217
MATCH LINE
SEE DWG. No. AC2-3219
\textbf{NOT FOR CONSTRUCTION}
\textbf{NOT AN APPROVED DRAWING}
\textbf{PRELIMINARY 30\% DESIGN}

\textbf{IN-PROGRESS}
THE DOCUMENT IS RELEASED FOR THE PURPOSE OF REVIEW UNDER THE AUTHORITY OF:
GREGORY P. J. FALLON, M.A.
LEAD DEGREE LICENSEE No.
TW-1170
ON BEHALF OF:
GREGORY P. J. FALLON, M.A.
LEAD DEGREE LICENSEE No.
TW-1170
ON BEHALF OF:
GREGORY P. J. FALLON, M.A.
LEAD DEGREE LICENSEE No.
TW-1170
MIDDLE LEVEL SECTOR PLAN B1

IN-PROGRESS

CURRENT PROJECT: COMMERCIAL STATION-MIDDLE MEZZANINE SECTOR PLAN - B1

DATE: 10/05/2020

FOR THE PURPOSE OF REVIEW

NOT FOR CONSTRUCTION

NOT AN APPROVED DRAWING

PRELIMINARY 30% DESIGN

113 OF 220

DARK"едьменин" для отпечатка

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

COMMERCIAL STATION
MIDDLE LEVEL SECTOR PLAN BY

HDR ENGINEERING, INC.
3333 AVENUE OAK, CYPRESS, TX 77433

DART PROJECT

COMMERCIAL STATION
MIDDLE LEVEL SECTOR PLAN BY

HDR ENGINEERING, INC.
3333 AVENUE OAK, CYPRESS, TX 77433

CONTRACT NO.

SCALE: 1/8" = 1'

SEE DWG. NO. AC2-3316

SEE DWG. NO. AC2-3311

MATCH LINE

MATCH LINE

HDR ENGINEERING, INC.
3333 AVENUE OAK, CYPRESS, TX 77433

AC2

DART PROJECT

COMMERCIAL STATION
MIDDLE LEVEL SECTOR PLAN BY

HDR ENGINEERING, INC.
3333 AVENUE OAK, CYPRESS, TX 77433

CONTRACT NO.

SCALE: 1/8" = 1'

SEE DWG. NO. AC2-3316

SEE DWG. NO. AC2-3311

MATCH LINE

MATCH LINE

HDR ENGINEERING, INC.
3333 AVENUE OAK, CYPRESS, TX 77433

AC2

DART PROJECT

COMMERCIAL STATION
MIDDLE LEVEL SECTOR PLAN BY

HDR ENGINEERING, INC.
3333 AVENUE OAK, CYPRESS, TX 77433

CONTRACT NO.

SCALE: 1/8" = 1'

SEE DWG. NO. AC2-3316

SEE DWG. NO. AC2-3311

MATCH LINE

MATCH LINE

HDR ENGINEERING, INC.
3333 AVENUE OAK, CYPRESS, TX 77433

AC2

DART PROJECT

COMMERCIAL STATION
MIDDLE LEVEL SECTOR PLAN BY

HDR ENGINEERING, INC.
3333 AVENUE OAK, CYPRESS, TX 77433

CONTRACT NO.

SCALE: 1/8" = 1'

SEE DWG. NO. AC2-3316

SEE DWG. NO. AC2-3311

MATCH LINE

MATCH LINE

HDR ENGINEERING, INC.
3333 AVENUE OAK, CYPRESS, TX 77433

AC2

DART PROJECT

COMMERCIAL STATION
MIDDLE LEVEL SECTOR PLAN BY

HDR ENGINEERING, INC.
3333 AVENUE OAK, CYPRESS, TX 77433

CONTRACT NO.

SCALE: 1/8" = 1'

SEE DWG. NO. AC2-3316

SEE DWG. NO. AC2-3311

MATCH LINE

MATCH LINE

HDR ENGINEERING, INC.
3333 AVENUE OAK, CYPRESS, TX 77433

AC2

DART PROJECT

COMMERCIAL STATION
MIDDLE LEVEL SECTOR PLAN BY

HDR ENGINEERING, INC.
3333 AVENUE OAK, CYPRE
PRELIMINARY 30% DESIGN

COMMERCIAL BANK & SUITES MERCANTILE BANK

MIDDLE MEZZANINE SECTOR PLAN

SCALE: 1/8" = 1'

DATE

DRAWN

BY ENG CHK APP REV AMEND CR DATE DESCRIPTION

POWER AND

2020

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PRELIMINARY 30% DESIGN

COMMERCER STATION MIDDLE LEVEL SECTOR PLAN C1

COMMERCER STATION MIDDLE LEVEL SECTOR PLAN C1

NOT FOR CONSTRUCTION

LIGHT RAIL TRANSIT SYSTEM

LINE SECTION CBD-2

COMMERCER STATION MIDDLE LEVEL SECTOR PLAN C1

COMMERCER STATION MIDDLE LEVEL SECTOR PLAN C1
MATCH-LINE  
SEE DWG. No. AC2-34M

COMMERCe STATION- LOWER MEZZANINE LEVEL SECTOR PLAN -  
C1

MATCH-LINE  
SEE DWG. No. AC2-34M

IN-PROGRESS  
LIGHT RAIL TRANSIT SYSTEM  
LINE SECTION CBD-2  
COMMERCe STATION  
LOWER LEVEL SECTOR PLAN C1

DART PROJECT  
HDR ENGINEERING, INC.

DATE  
02/09/16

DESIGNATED DRAWING  
022-NF

NOT AN APPROVED DRAWING  
PRELIMINARY 30% DESIGN
COMMERCE STATION-LOWER MEZZANINE LEVEL SECTOR PLAN - C3

SEE DWG. NO. AC2-3416

SEE DWG. NO. AC2-3422

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COMMERCIAL STATION LOWER LEVEL SECTOR PLAN C3

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

DART PROJECT

HDR ENGINEERING, INC.
3111 AVENIDA VISTA SUITE 120, DALLAS, TX 75240

INCHES 1/8" = 1'
IN-PROGRESS

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LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

COMMERCE STATION LOWER LEVEL SECTOR PLAN 31

HDR ENGINEERING INC.

AC2 - 131 OF 220

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PRELIMINARY 30% DESIGN

DART PROJECT

COMMERCE STATION LOWER LEVEL SECTOR PLAN 31

HDR ENGINEERING INC.

AC2 - 131 OF 220

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PRELIMINARY 30% DESIGN

DART PROJECT

COMMERCE STATION LOWER LEVEL SECTOR PLAN 31

HDR ENGINEERING INC.
See Dwg. No. AC2-3516

PRELIMINARY 30% DESIGN

HDR ENGINEERING, INC.

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

PLATFORM LEVEL SECTOR PLAN A3
PEGSAS HEADHOUSE - EAST ELEVATION

PEGSAS HEADHOUSE - WEST ELEVATION

PEGSAS HEADHOUSE - NORTH ELEVATION

IN-PROGRESS

NOT FOR CONSTRUCTION
NOT AN APPROVED DRAWING
PRELIMINARY 30% DESIGN

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

COMMERCIAL STATION
EXTERIOR ELEVATIONS

HDR ENGINEERING, INC.

17111 Preston Rd Suite 300, Dallas, TX 3050

ON 10/30/2020

FOR THE PURPOSE OF REVIEW

IN-PROGRESS
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<th>Room</th>
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FOR THE PURPOSE OF REVIEW

NOT FOR CONSTRUCTION

NOT AN APPROVED DRAWING

PRELIMINARY 30% DESIGN

CONTRACT 170 OF 220

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

CBD EAST STATION
STREET LEVEL SECTOR PLAN D1

IN-PROGRESS

HDR ENGINEERING, INC.
1121 AVENUE OF THE ARTS
DALLAS, TEXAS 75202

DART PROJECT

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

CBD EAST STATION
STREET LEVEL SECTOR PLAN D1

1 1/4" = 1'-0"

SEE DWG. AEC-418

MATCH LINE

SEE DWG. AEC-418

MATCH LINE

SCALE: 1/8" = 1'
### Room Schedule

<table>
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<td>CBD EAST STATION ROOMS</td>
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<td>ELEVATOR 4E01</td>
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<td>ELEVATOR 4E02</td>
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<td>MEZLANINE VESTIBULE</td>
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<td>DART SUPPORT</td>
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<td>DART PROJECT</td>
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<td>MECHANICAL ROOM 4337</td>
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**NOT FOR CONSTRUCTION**

**NOT AN APPROVED DRAWING**

**PRELIMINARY 30% DESIGN**

**GREGORY T. D. TALLOS, AIA**

**THIS DOCUMENT IS RELEASED**

**GTT**

**HDR**

**DART PROJECT**

**MECHANICAL ROOM 4337 1015.07 SF**
Not for construction
Not an approved drawing
Preliminary 30% Design

Light Rail Transit System
Line Section CBD-2
Live Oak Station
Site Plan

IN-PROGRESS

Civil Associates, Inc.
9300 LBJ Freeway, Suite 1119
Dallas, Texas 75243

Date: 10/30/2020

TBPE Firm Registration No. 6981

Contract No.: GC1-5010

Prepared for submission to the Texas Department of Transportation (TxDOT) as part of the Design Phase of the Dallas Area Rapid Transit (DART) Deep Ellum/Allen Station Project.

This document is released for review purposes only and is not to be used for construction, bidding, or permit purposes.

Site Plan:
- Live Oak Street
- Florence Street
- Swiss Avenue
- N. Good Latimer Expressway

Proposed items:
- Crossings
- Pedestrian
- Proposed rows
- Sidewalks
- Planters
- Tree wells
- Platforms
- Sidewalks (proposed)
- Planters (proposed)
- Tree wells (proposed)

Scale: 1" = 40'

Dallas, Texas 75243
9330 LBJ Frwy, Ste. 1150
TBPE Firm Registration No. 6981

Diagrams and plans are provided for review purposes only and are not to be used for construction, bidding, or permit purposes. This document is released for review purposes only and is not to be used for construction, bidding, or permit purposes.

Contract Sheet No.: 205 of 220
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OVERALL PLATFORM PLAN

SCALE: 1" = 20'

KAI DESIGN ID # 9010
ON 10/30/2020
DARREN L. JAMES, R.A. 18748

101 North Zang Blvd, Suite 100, Dallas, TX 75208
T. 214.742.0400 - F. 817.288.0952
www.kai-db.com
NOTES:
1. TRACK RAILS ARE INDICATED FOR INFORMATION PURPOSE ONLY.
2. TOP OF RAIL = 0'-0".
3. DESIGNER TO ADJUST LENGTH OF RAMP TO MIN. % 1, MAX. % 1.75. DIRECTION. MAY VARY.
4. ALL POSSIBLE TVM LOCATIONS ARE SHOWN.
5. PLATFORM CROSS SLOPE DOWN FROM TRACK.
6. FOR VMB STANCHION DETAIL, SEE SHEET AS2-0009.
8. FOR CONDUIT LOCATION IN COLUMN, SEE SHEET AC9-0001.
10. FOR CONSTRUCTION DRAWINGS NOTED OTHERWISE. SEE SHEET AS1-0007.
11. SEE SHEET AS2-0002.
12. ALL WARNING STRIPS TO BE TYPE A UNLESS NOTED OTHERWISE. SEE SHEET AS1-0007.
13. SEE DETAIL 1/AS2-0003.
14. FOR BICYCLE RACK AND TRASH RECEPTACLE, SEE SHEETS AS3-0002 AND AS3-0004.
15. SEE SHEET AS3-0004.
16. SEE SHEET AS3-0004.
17. FOR CONDUIT LOCATION IN COLUMN, SEE SHEET AC9-0001.
NOTES:
1. TRACK RAILS ARE INDICATED FOR INFORMATION PURPOSES ONLY.
2. TOP OF RAILS = 0'-0".
3. FOR CONDUIT LOCATION IN COLUMN SEE SHEET AS1-0007.
4. ALL POSSIBLE TVM LOCATIONS ARE SHOWN. SEE SHEET AS2-0002.
5. ALL WARNING STRIPS TO BE TYPE A UNLESS NOTED OTHERWISE. SEE SHEET AS1-0007.
6. FOR VMB STANCHION DETAIL, SEE SHEET AS2-0009.
8. FOR BOLLARD TYPE 3 SEE SHEET AS2-0002.
9. PLAYDOWN CROSS SLIDE DOWN FROM TRACK 10% S. 1, 2, 3, S, T, DIRECTION, MAY VARY.
10. DESIGNER TO ADJUST LENGTH OF RAMP TO MIN. % 1, MAX. % 1.75. DIRECTION. MAY VARY.
11. SEE SHEET AS1-0004.
12. SEE SHEET AS3-0004.
13. SEE DETAIL 1/AS2-0003.
15. SEE DETAIL 4,5/AS2-0002.
16. ALL WARNING STRIPS TO BE TYPE A UNLESS NOTED OTHERWISE. SEE SHEET AS1-0007.
17. SEE DETAILED PIPING DOWN FROM TRACK 10% S. 1, 2, 3, S, T, DIRECTION, MAY VARY.
18. DESIGNER TO ADJUST LENGTH OF RAMP TO MIN. % 1, MAX. % 1.75. DIRECTION. MAY VARY.
19. SEE DETAIL 1/AS2-0003.
NOTES:
1. See structural drawings for platform grade. See final design drawings.
2. See civil drawings for wall, rail, and retaining wall grade.
3. See AS-0010 drawing for information on catenary supports.
4. See systems drawings for catenary pole details. See final design drawings.

1. See structural drawings for platform grade. See final design drawings.
2. See civil drawings for wall, rail, and retaining wall grade.
3. See AS-0010 drawing for information on catenary supports.
4. See systems drawings for catenary pole details. See final design drawings.
NOTES:
1. SEE SIGNAGE STANDARD DRAWINGS FOR SIGN TYPES.
2. SOLID POST (492-2015) OR FENCE (492-2041) MOUNT FOR SITE CONDITIONS.

MATCH LINE

SIGNAGE PARTIAL PLAN B

SCALE: ""=1'-0"

MOUNT PER SITE CONDITIONS.
1. S8.20 POST (AS9-0015) OR FENCE (AS9-0014)
2. SEE SIGNAGE STANDARD DRAWINGS FOR SIGN TYPES.

NOTES:
PARTIAL PLAN B

SIGNAGE

SCALE: ""=1'-0"

D JAMES
B WHITESIDE
D BROUGHTON
DATE
SCALE
DRAWN
DESIGNED
CHECKED
IN CHARGE

CONTRACT SHEET No.

DWG No.

APP
CHK
ENG
BY

DESCRIPTION
DATE
CR
AMEND
REV

REV
DWG No.

CONTRACT

IN-PROGRESS

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2

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KAI TEXAS ID # 9010
ON 10/30/2020
DARREN L. JAMES, R.A. 18748
30 OCT 2020

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NOT AN APPROVED DRAWING
NOT FOR CONSTRUCTION

216 08 220

216 08 220
NOTES:
1. SEE SIGNAGE STANDARD DRAWINGS FOR SIGN TYPES.
2. S8.20 POST (AS9-0015) OR FENCE (AS9-0014)
   MAY BE USED FOR SITE CONDITIONS.
TYPICAL CANOPY ELEVATION

LIGHT RAIL TRANSIT SYSTEM
LINE SECTION CBD-2
LIVE OAK STATION
TYPICAL CANOPY ELEVATION

TYPICAL BOTH SIDES
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PRELIMINARY 30% DESIGN

TYPICAL FOR COLUMNS

COLUMN A/1
D/1 & H/1

COLUMN M/1
E/1 & J/1

TYPICAL DETAIL

TYPICAL FOR COLUMNS

COLUMN B/1, C/1, F/1, G/1, K/1 & L/1

CONDUIT LOCATIONS AT COLUMNS

W/1-2 SDH-2020 14:25

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KAI TEXAS ID # 9010

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