

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1252	TITLE SHEET
1253-1261	INDEX OF SHEETS

CAMINO REAL REGIONAL MOBILITY AUTHORITY

PLANS OF PROPOSED
URBAN STREETCAR

PROJECT NO. ()

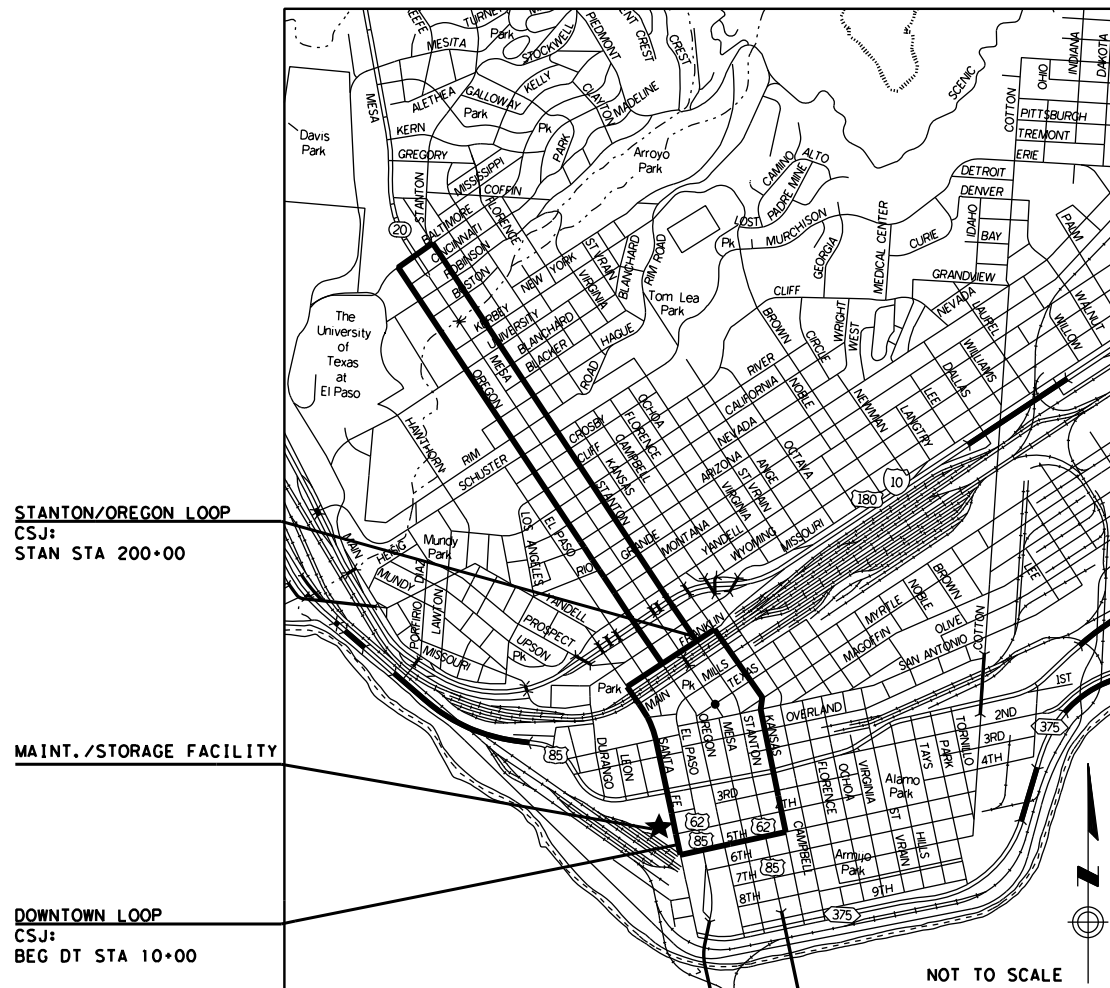
CITY OF EL PASO STREETCAR
EL PASO COUNTY

VOLUME 4 OF 4 - MAINTENANCE & STORAGE FACILITY

REGISTERED ACCESSIBILITY SPECIALIST (RAS)
INSPECTION REQUIRED
TDLR No.

REQUIRED SIGNS SHALL BE IN ACCORDANCE WITH
BC (1)- 07 THRU BC (12)- 07 AND THE "TEXAS
MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

FOR THE CONSTRUCTION OF AN URBAN STREETCAR SYSTEM CONSISTING OF
GRADING, STRUCTURES, SURFACE AND SUBSURFACE IMPROVEMENTS,
TRACKWORK, AND MAINTENANCE/STORAGE FACILITY



STANTON/OREGON LOOP
CSJ:
STAN STA 200+00

MAINT./STORAGE FACILITY

DOWNTOWN LOOP
CSJ:
BEG DT STA 10+00

LIMITS:

DOWNTOWN LOOP LIMITS:

FROM INTERSECTION OF FATHER RAHM AVE AND SANTA FE ST, ALONG
SANTA FE ST TO FRANKLIN AVE, ALONG FRANKLIN AVE TO KANSAS ST,
ALONG KANSAS ST TO FATHER RAHM AVE, ALONG FATHER RAHM AVE TO
SANTA FE ST.

STANTON/OREGON LOOP LIMITS:

FROM INTERSECTION OF STANTON ST AND FRANKLIN AVE, ALONG
STANTON TO BALTIMORE DR, ALONG BALTIMORE DR TO OREGON ST,
ALONG OREGON ST TO FRANKLIN AVE.

COUNTY _____ PROJ. NO. _____
HWY. NO. _____ LETTING DATE _____
DATE ACCEPTED _____

STATE PROJECT NO.			
CONT	SECT	JOB	HIGHWAY
0924	06	446	VARIOUS
DIST	COUNTY	SHEET NO.	
EL PASO	EL PASO	1252	

FINAL PLANS

LETTING DATE: _____

DATE CONTRACTOR BEGAN WORK: _____

DATE WORK WAS COMPLETED & ACCEPTED: _____

FINAL CONTRACT COST: \$ _____

CONTRACTOR : _____

URS

2829 Montana Suite 206
El Paso, Texas 79903
(915) 493-6468

TBPE REGISTRATION NO. F-3162



SUBMITTED FOR LETTING: _____

PROJECT MANAGER
CAMINO REAL REGIONAL MOBILITY AUTHORITY

PROJECT NO. ()

APPROVED FOR LETTING: _____

DIRECTOR, BRIDGE DIVISION

RECOMMENDED FOR LETTING: _____

APPROVED FOR LETTING: _____

DISTRICT DIRECTOR OF TRANSPORTATION
PLANNING AND DEVELOPMENT

DIRECTOR, TRAFFIC OPERATIONS DIVISION

RECOMMENDED FOR LETTING: _____

APPROVED FOR LETTING: _____

DISTRICT ENGINEER

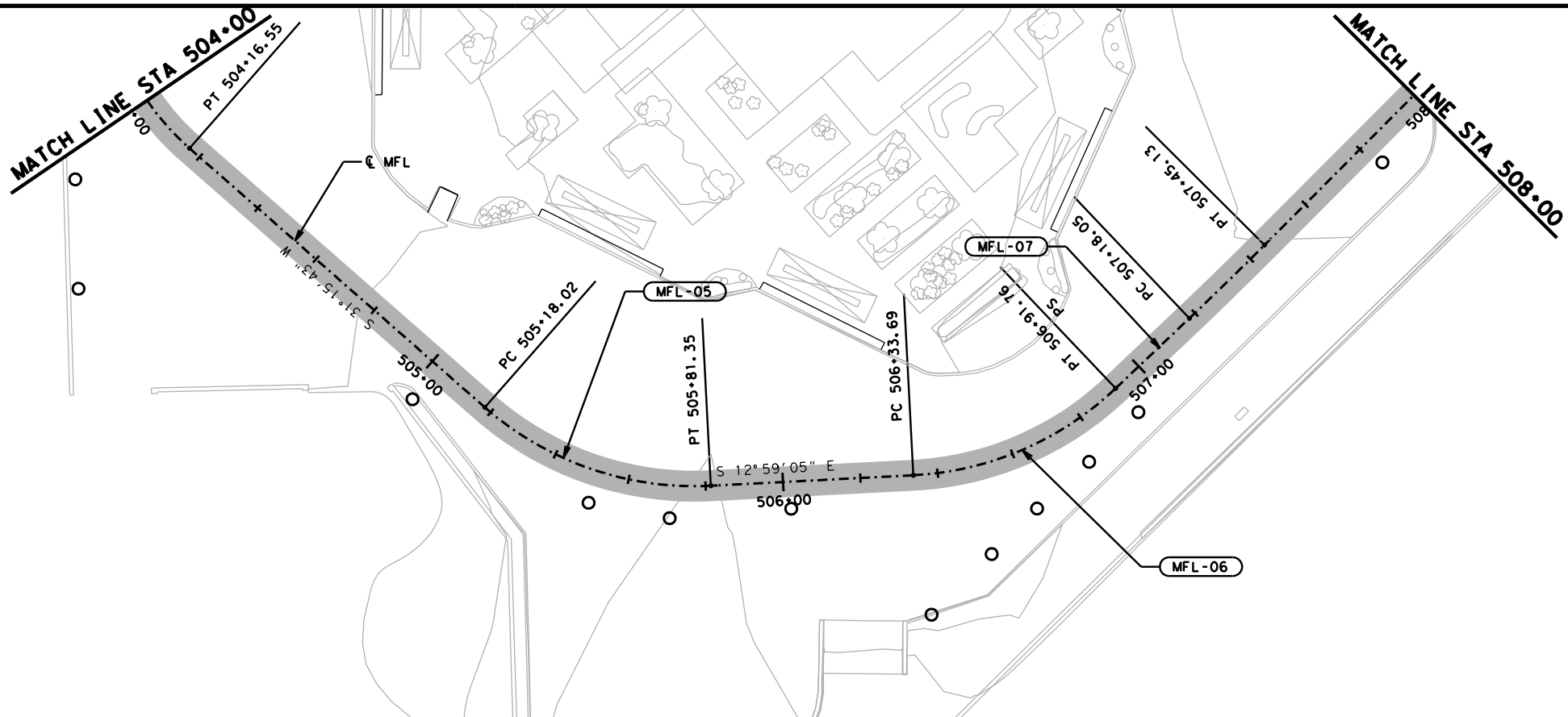
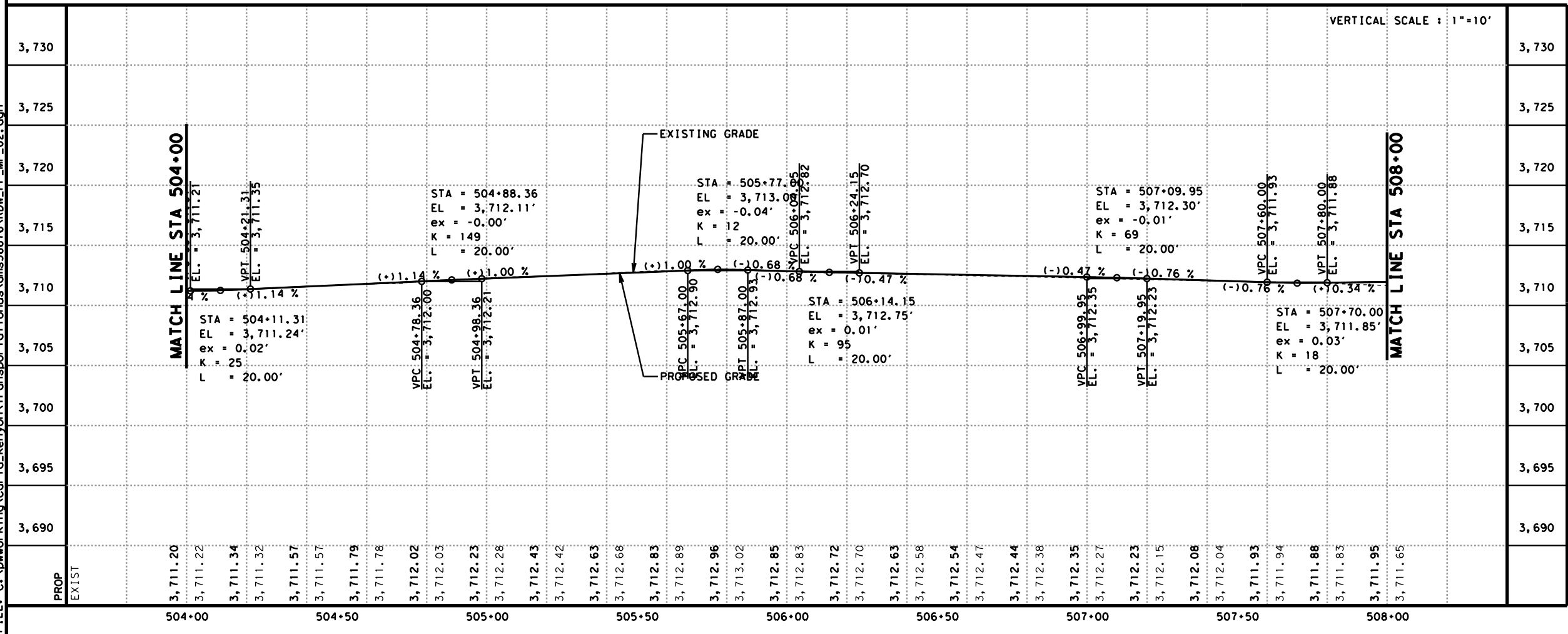
DIRECTOR, DESIGN DIVISION

DATE: 7/14/2015 9:02:47 AM

FILE: c:\pwworking\cor-la-kenyon\transportation\dms36676\RDW_PP_MF_02.dgn

DWG: URS
CHK: URS
DWT: URS
CHK: URS

MFL TRACK SECTION		K940
TEX-LEFT		VARIES
e		0%
TEX-RIGHT		VARIES



ADDENDUM 2 - JULY 24, 2015

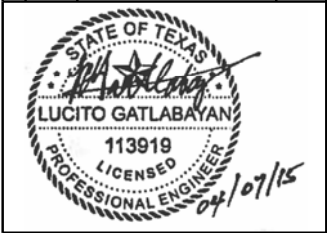


LEGEND

- LIMITS OF STREET RECONSTRUCTION
- CENTERLINE STREETCAR ALIGNMENT
- TRACK SLAB
- TRACK SLAB OVER UTILITY VAULT SEE DETAIL K956
- CURVE NAME
- PROPOSED OCS POLE

- NOTES:
- SEE TRAFFIC SIGNAL SHEETS FOR TRAFFIC SIGNAL MODIFICATIONS.
 - SEE UTILITY SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
 - REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR CURVE DATA AND ALIGNMENT INFORMATION.
 - SEE STOP DETAIL SHEETS FOR PROPOSED STOP INFORMATION.
 - CONTRACTOR TO FIELD ADJUST TRACK SLOPE TRANSITIONS AS NECESSARY.
 - BASEMENT INFORMATION SHOWN HEREON IS APPROXIMATE AND BASED ON CBD II AND CBD III AS-BUILTS AND IDENTIFICATION OF SURFACE FEATURES ONLY.
 - EXISTING ROADWAY PROFILE MAY VARY FROM SURVEY PERFORMED SPRING 2013.
 - SEE GEOTECH REPORT FOR INFORMATION REGARDING BORE HOLES.
 - SEE STREET RECONSTRUCTION SHEETS FOR PROPOSED RECONSTRUCTION LIMITS.
 - SEE TYPICAL SECTIONS FOR WIDENED TRACK SLAB LIMITS.
 - SEE TRACK DETAIL DRAWING SERIES K940 TO K956 FOR TRACK SLAB AND SPECIAL TRACKWORK DETAILS.
 - SEE OVERHEAD CONTACT SYSTEM SHEETS FOR PROPOSED OCS POLE LAYOUT.

NO	DATE	REVISION	APPROVED
1	7/14/2015	1	
2	7/14/2015	2	
3	7/14/2015	3	
4	7/14/2015	4	



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El Paso, Texas 79903
(915) 493-6468

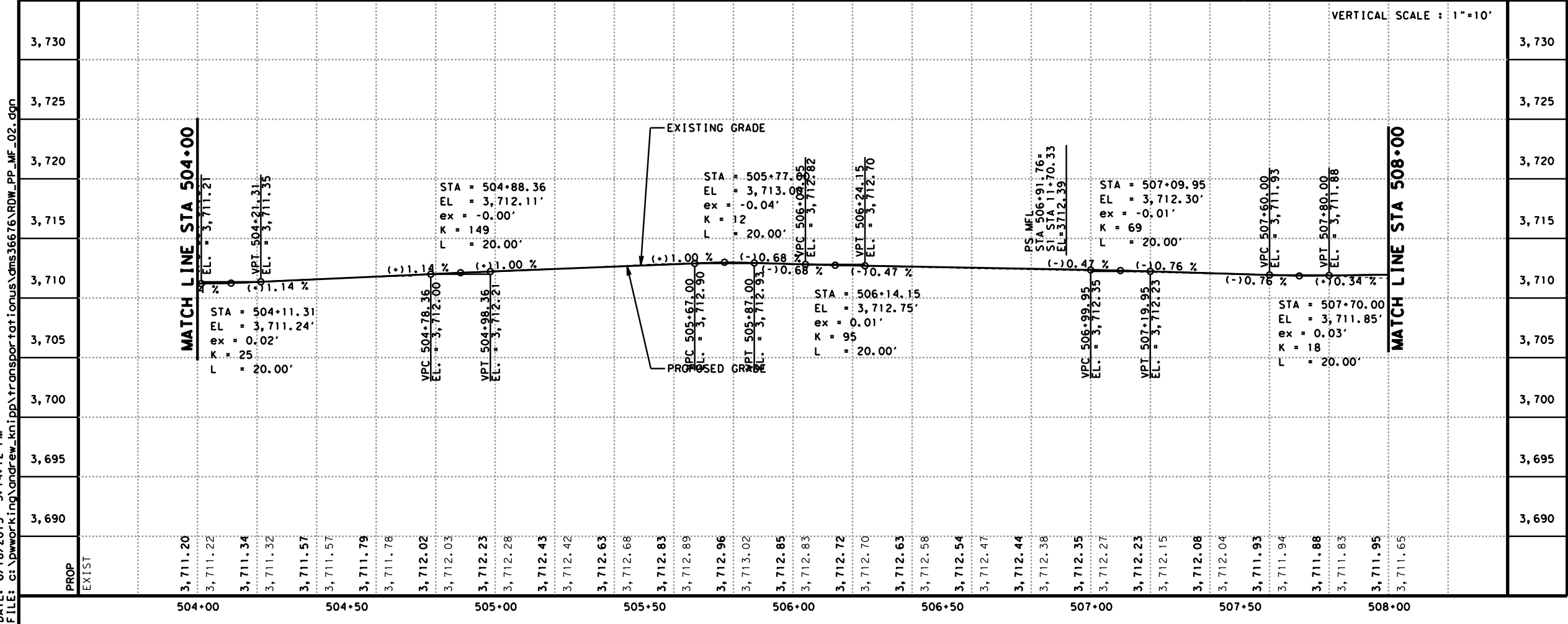
COEP STREETCAR MAINTENANCE FACILITY TRACK PLAN AND PROFILE

KM102			
CONT	SECT	JOB	HIGHWAY
0924	06	446	VARIOUS
DIST	COUNTY	SHEET NO.	
EL PASO	EL PASO	1293	

DATE: 6/18/2015 5:14:12 PM
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DN: URS
CK: URS
DW: URS
CK: URS

MFL TRACK SECTION		K940		SPECIAL TRACKWORK	K940
TEX-LEFT		VARIES			
e		0%			
TEX-RIGHT		VARIES			



ADDENDUM 2 - JULY 2015



0' 20' 40'
SCALE IN FEET

LEGEND

- LIMITS OF STREET RECONSTRUCTION
- CENTERLINE STREETCAR ALIGNMENT
- TRACK SLAB
- TRACK SLAB OVER UTILITY VAULT SEE DETAIL K956
- CURVE NAME
- PROPOSED OCS POLE

- NOTES:
- SEE TRAFFIC SIGNAL SHEETS FOR TRAFFIC SIGNAL MODIFICATIONS.
 - SEE UTILITY SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
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 - SEE OVERHEAD CONTACT SYSTEM SHEETS FOR PROPOSED OCS POLE LAYOUT.

NO	DATE	REVISION	APPROVED
1			
2			
3			
4			



ADD-ALTERNATE SHEET

URS 2829 Montana Suite 206
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TBPE REGISTRATION NO. F-3162

**COEP STREETCAR
MAINTENANCE FACILITY
TRACK PLAN AND
PROFILE**



KM102

CONT	SECT	JOB	HIGHWAY
			VARIOUS
DIST	COUNTY	SHEET NO.	
EL PASO	EL PASO	1293	

DATE: 6/18/2015 5:17:07 PM
FILE: c:\pwworking\andrew_knipp\transportation\dms36676\RDW_PP_WF_03.dgn

S1 TRACK SECTION	+04	+40.83	K940	+99.19	SPECIAL TRACKWORK
TEX-LEFT			VARIES		
e			0%		
TEX-RIGHT			VARIES		

ADDENDUM 2 - JULY 14, 2015
VERTICAL SCALE : 1"=10'

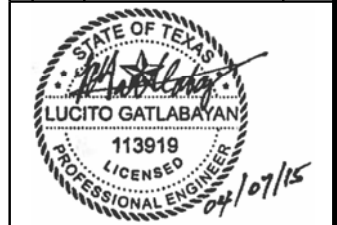


- NOTES:
1. SEE TRAFFIC SIGNAL SHEETS FOR TRAFFIC SIGNAL MODIFICATIONS.
 2. SEE UTILITY SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
 3. REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR CURVE DATA AND ALIGNMENT INFORMATION.
 4. SEE STOP DETAIL SHEETS FOR PROPOSED STOP INFORMATION.
 5. CONTRACTOR TO FIELD ADJUST TRACK SLOPE TRANSITIONS AS NECESSARY.
 6. BASEMENT INFORMATION SHOWN HEREON IS APPROXIMATE AND BASED ON CBD II AND CBD III ASBUILTS AND IDENTIFICATION OF SURFACE FEATURES ONLY.
 7. EXISTING ROADWAY PROFILE MAY VARY FROM SURVEY PERFORMED SPRING 2013.
 8. SEE TRACK DETAIL SHEET SERIES K940 TO K955 FOR TRACK SLAB AND SPECIAL TRACKWORK DETAILS.

S2 TRACK SECTION	+04	+92.57	K940	SPECIAL TRACKWORK
TEX-LEFT			VARIES	
e			0%	
TEX-RIGHT			0%	

S3 TRACK SECTION	+04	+06.07	K940	SPECIAL TRACKWORK
TEX-LEFT			VARIES	
e			0%	
TEX-RIGHT			VARIES	

NO	DATE	REVISION	APPROVED
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2			
3			
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ADD-ALTERNATE SHEET

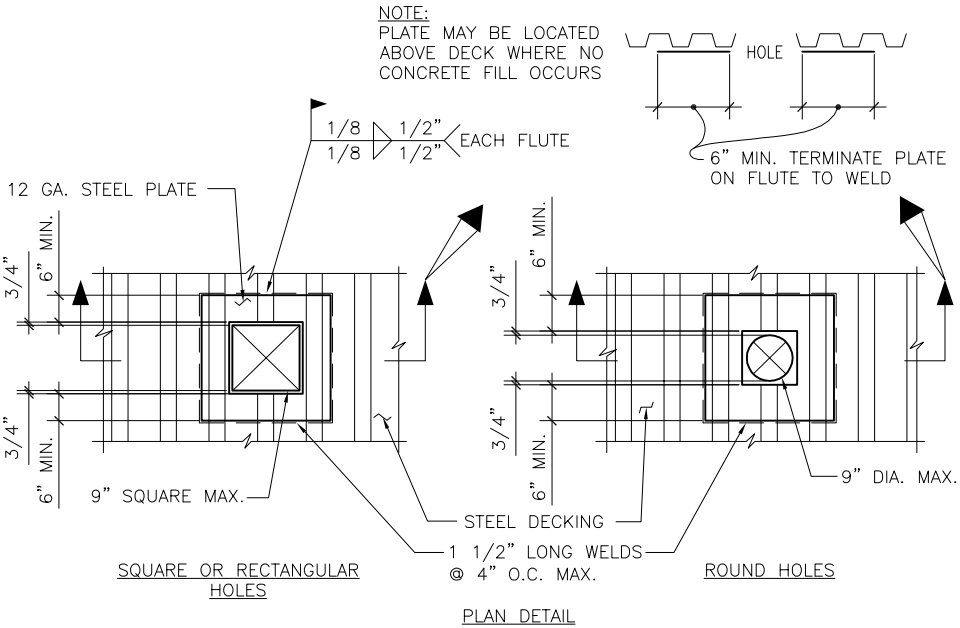
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TBPE REGISTRATION NO. F-3162

**COEP STREETCAR
MAINTENANCE FACILITY
TRACK PLAN AND
PROFILE**

THE CITY OF EL PASO			
KM103			
CONT	SECT	JOB	HIGHWAY
			VARIOUS
DIST	COUNTY	SHEET NO.	
EL PASO	EL PASO	1294	

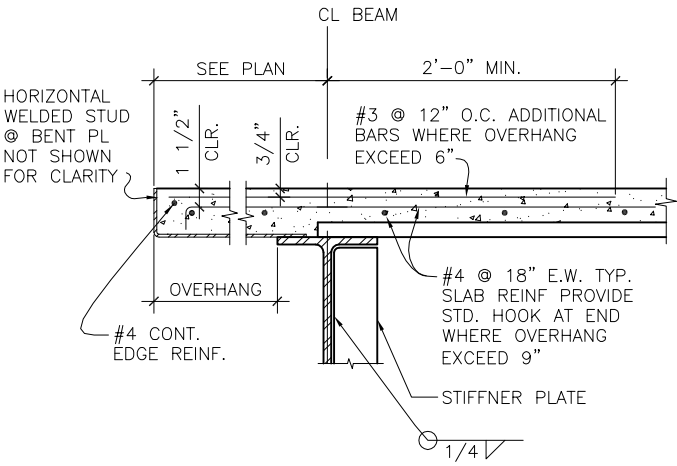
NOTES:

1. STRUCTURAL PROPERTIES OF STEEL DECK SYSTEM SHALL EQUAL OR EXCEED THE PROPERTIES LISTED IN DETAIL 4 ON THIS SHEET.
2. DECKING SHALL BE CONTINUOUS OVER 3 OR MORE SUPPORTS WHEREVER POSSIBLE. OTHERWISE PROVIDE SHORING AS REQUIRED PER MANUFACTURER'S RECOMMENDATION. SPLICES SHALL BE LOCATED OVER SUPPORTS.
3. DECK SHALL HAVE A MINIMUM OF 2" BEARING AT ALL SUPPORTING MEMBERS (MEMBERS PERPENDICULAR TO DECK SPAN), AND 1-1/2" AT ALL PARALLEL MEMBERS.
4. DECK WELDING SHALL BE AS NOTED IN DETAIL 4 ON THIS SHEET.
5. PROVIDED BENT PL CLOSURE PIECES AT ALL INTERIOR AND EXTERIOR EDGES OF DECK U.O.N. SEE DETAILS 2 AND 5.
6. OPENINGS THROUGH DECKING SHOWN ON FRAMING PLANS ARE NOT COMPLETE AS TO NUMBER, SIZE AND LOCATION. FOR COMPLETE INFORMATION REFER TO DRAWING OTHER THAN STRUCTURAL.
7. USE STRENGTHENING AT OPENINGS AS SHOWN IN DETAILS UNLESS OTHERWISE NOTED. PROVIDE STRENGTHENING BEFORE CUTTING OPENING.
8. DETAILS SHOWN ARE FOR TYPICAL REINFORCING OF DECKS AT OPENINGS. FOR SPECIAL CONDITIONS, SUBMIT LAYOUT OF OPENINGS AND PROPOSED REINFORCING OF DECK FOR REVIEW.
9. MULTIPLE OPENINGS WITH A CLEAR DISTANCE LESS THAN THREE TIMES THE SIZE OF THE LARGER OPENING TO BE TREATED AS A SINGLE GROUP OPENING.
10. IF OPENINGS IS CUT PRIOR TO FILL PLACEMENT, PROVIDE CLOSURE PIECES AND SHORING AS REQUIRED.
11. FOR OPENINGS THROUGH DECK THAT CUT ONLY ONE WEB AND ARE 5" SQUARE OR 5" DIAMETER MAXIMUM, NO STRENGTHENING IS REQUIRED.
12. SEE MECHANICAL / PLUMBING DRAWINGS FOR DETAILS OF UTILITIES SUSPENDED FROM THE CONCRETE AND STEEL DECK SYSTEM. POINT LOADS TO THE DECK FROM THESE DETAILS SHALL NOT EXCEED 100 POUNDS.
13. DO NOT PLACE CONDUITS OR OTHER PIPES IN CONCRETE FILL OVER DECK.



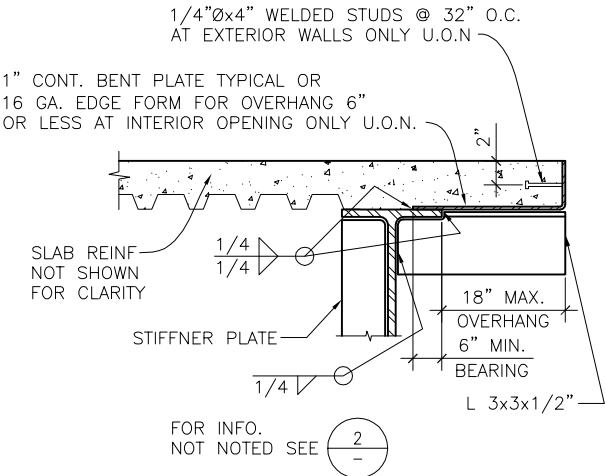
TYPICAL SMALL OPENINGS IN STEEL DECK
SCALE: NTS

1



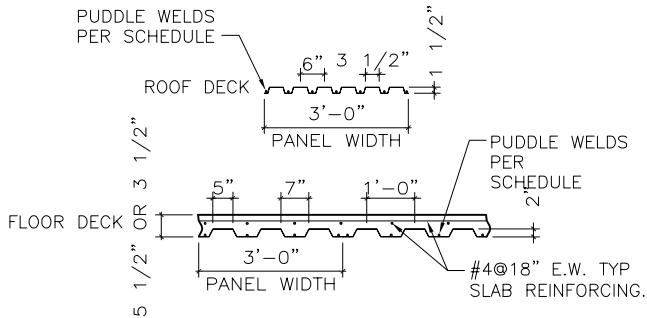
EDGE OF DECK PERPENDICULAR TO BEAM
SCALE: NTS

2



EDGE OF DECK PARALLEL TO BEAM
SCALE: NTS

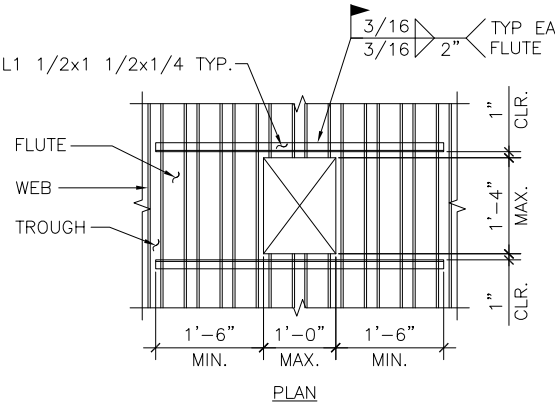
3



SECTION PROPERTIES STEEL DECK					WELD ATTACHMENT			REMARKS
DECK TYPE AND GAUGE	"t" DECK	I(in4)	+S(in3)	-S(in3)	AT SUPPORT MEMBERS	AT PARALLEL MEMBERS	AT SIDELAPS	
ROOF DECK 20 GAUGE	1 1/2"	0.216	0.235	0.248	7-1/2"Ø EFFECTIVE PUDDLE WELDS/36" SHT.	1/2"Ø EFFECTIVE PUDDLE WELDS @ 1'-0 CC	1 1/2" TOP SEAM WELDS @ 1'-0 CC	3 SPAN CONT. MIN.
FLOOR DECK 18 GAUGE COMPOSITE	2"	0.555	0.510	0.511	4-1/2"Ø EFFECTIVE PUDDLE WELDS/36" SHT.	1/2"Ø EFFECTIVE PUDDLE WELDS @ 1'-0 CC	1 1/2" SIDE SEAM WELDS @ 1'-0 CC	3 SPAN CONT. OR PROVIDE SHORING.

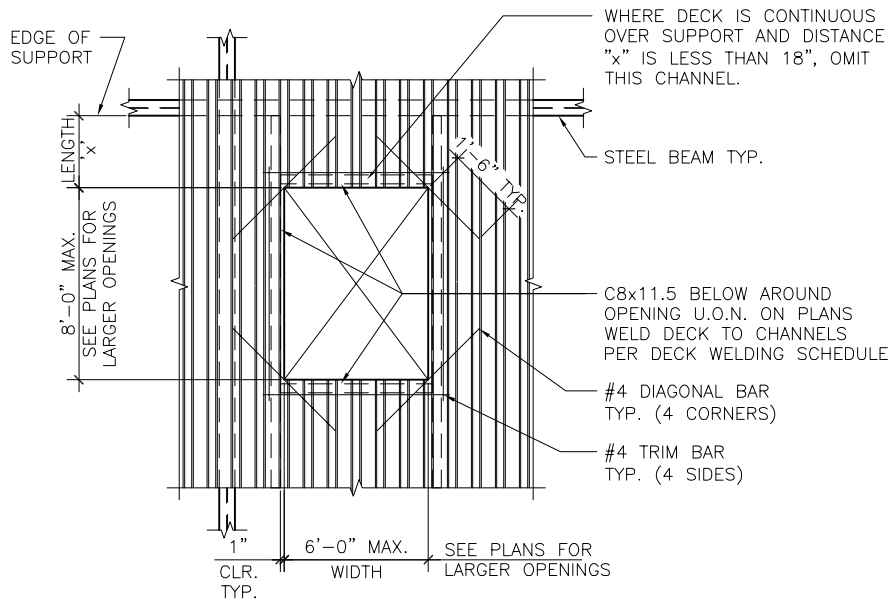
METAL DECK SCHEDULE
SCALE: NTS

4



MEDIUM OPENING IN STEEL DECK
SCALE: NTS

5



LARGE OPENING IN STEEL DECK
SCALE: NTS

6

NO	DATE	REVISION	APPROVED
1	7/15		
2			
3			
4			
5			



CB Wood
7/8/15




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(915) 493-6468

TBPE REGISTRATION NO. F-3162

**COEP STREETCAR
MAINTENANCE + STORAGE
FACILITY**

TYPICAL DETAILS 5



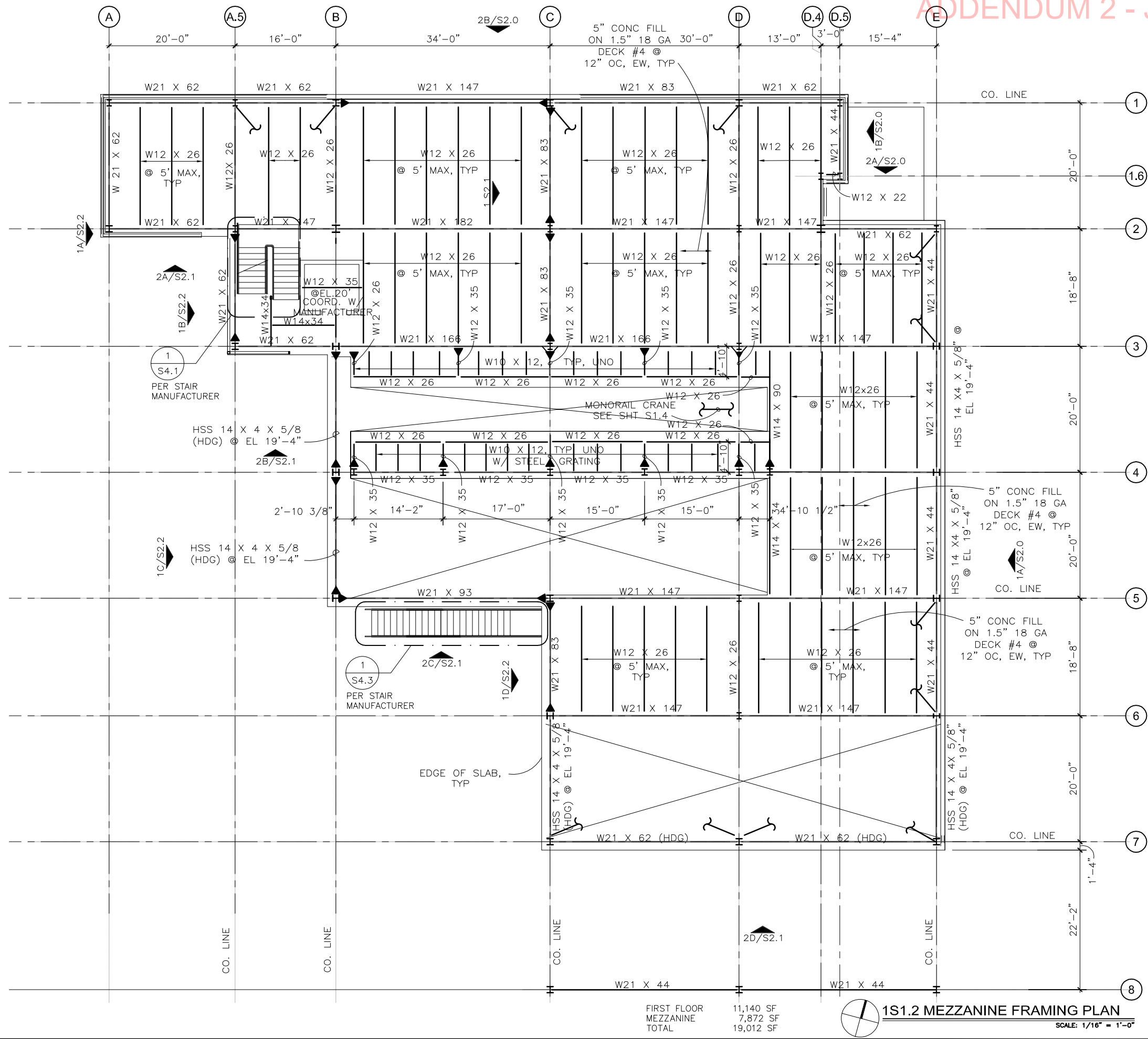
S0.7

CONT	SECT	JOB	HIGHWAY
			VARIOUS
DIST	COUNTY	SHEET NO.	
EL PASO	EL PASO	1312	

DATE: 07/10/2015 5:01PM

FILE: I:\Projects\NORTH\TRANS\VERT_STRUC\El Paso Streetcar M&S Facility\50 CAD\5010 Sheets\S1.2 FRAMING PLAN MEZZ.DWG

DN: URS
CK: URS
DW: URS
CK: URS



ADDENDUM 2 - JUL 14, 2015

NOTES

1. FOR GENERAL NOTES AND ABBREVIATIONS SEE DRAWINGS S0.1 AND S0.2.
2. FOR TYPICAL DETAILS SEE DRAWINGS S0.3-S0.9.
3. CONTRACTOR SHALL COORDINATE/VERIFY ALL MECHANICAL, ELECTRICAL, PLUMBING AND ARCHITECTURAL SLAB OPENING EDGES AND PENETRATIONS PRIOR TO CONSTRUCTION. ENGINEER SHALL BE NOTIFIED OF ALL SLAB OPENINGS AND PENETRATIONS THAT ARE ADDED OR CHANGED FROM WHAT IS SHOWN ON THIS PLAN. ALL OPENINGS AND PENETRATIONS SHALL BE SHOWN ON SHOP DRAWINGS.
4. STEEL BEAMS SHALL BE EVENLY SPACED BETWEEN GRIDS OR ADJACENT FRAMING WHERE NO DIMENSIONS ARE SHOWN.
5. CONTRACTOR SHALL COORDINATE GUARDRAIL LOCATIONS AND ANCHORAGE WITH ARCH. DRAWINGS.

LEGEND

- ▲ - MOMENT CONNECTION
- └─┘ - BRACED FRAME

NO	DATE	REVISION	APPROVED
1	7/10/15		
2			
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**COEP STREETCAR
MAINTENANCE + STORAGE
FACILITY**
**MEZZANINE
FRAMING PLAN**



S1.2			
CONT	SECT	JOB	HIGHWAY
			VARIOUS
DIST	COUNTY		SHEET NO.
EL PASO	EL PASO		1317

-
- 6" MAX OVER HANG
- 2" XXS STEEL PIPE HANDRAIL, TYP
- LIGHT WEIGHT STEEL GRATING PER MANUFACTURER
- 1/2" TYP
- SEE ARCH
- MAX OVERHANG PER MANUFACTURER
- L8X4X3/4
- 1/2" TYP
- CJP
- 1" BENT PLATE FOR OVERHANG PER MANUFACTURER
- L 3x3x1/2" @ 24" O.C., TYP
- 1/2" STIFFNER PLATE
- SEE PLAN
- W12 COLUMN

1
S3.3

This diagram shows a cross-section of a parapet wall. A W12 column supports a W beam. The wall is constructed with 8x8x3/4 angle per manufacturer, with a 1/2 inch gap indicated. The wall is topped with concrete over metal deck, and the closure angle is specified to see typical details. Light weight steel grating is shown on the left side of the wall.

Labels in the diagram include:

- CLOSURE ANGLE, SEE TYP DETAILS
- CONCRETE OVER METAL DECK
- W BEAM
- W12 COLUMN
- 8X8X3/4 ANGLE PER MANUFACTURER
- 1/2
- LIGHT WEIGHT STEEL GRATING



DATE: 07/10/2015 5:00PM
FILE: I:\Projects\NORTH\2198_TRANS\VERT_STRUC\El Paso Streetcar M&S Facility\50 CAD\5010 Sheets\S3.12 STEEL DETAILS 6.DWG

**COEP STREETCAR
MAINTENANCE + STORAGE
FACILITY
STEEL DETAILS 6**



S3.12

CONT	SECT	JOB	HIGHWAY
			VARIOUS
DIST		COUNTY	SHEET NO.
EL PASO		EL PASO	1338

ADDENDUM No. 2

DATE: 13 July 2015

PROJECT NAME: CITY OF EL PASO STREETCAR
VOLUME 4 - MAINTENANCE + STORAGE FACILITY

PROJECT NO.: 12.45.000



GENERAL:

1. The following changes and/or additions to the Contract Documents shall apply to proposals made for and to the execution of the various parts of the work affected thereby.
2. Careful note of the Addendum shall be taken by all interested parties and all trades affected shall be fully advised in their performance of the work involved.

TO THE SPECIFICATIONS:

Section 01 45 00 – TESTING LABORATORY SERVICES

1. Part 1 General, 1.3 SELECTION AND PAYMENT, A. shall read as follows:
 - A. The Contractor shall employ and pay for services of an independent Testing Laboratory subject to approval by the Owner/Architect to perform inspections and testing services specified in this section.

TO THE DRAWINGS:

SHEET SP1.3 SITE PLAN

1. Add wrought iron fence behind concrete curb along west curb (parallel to EPECo rock wall). Refer to ATTACHMEN – B. 318 feet of Wrought Iron Fence plus gates.

SHEET A1.6 LEVEL 1 FINISH PLAN

1. Countertops at Operations –101, Copy-105 and Electronics Shop-208 shall be Plastic Laminate.
2. Countertop at Parts-110 shall be Stainless Steel.

SHEET A1.9 LEVEL 1 FURNITURE PLAN

1. Computer Workstation Locations. Refer to ATTACHMENT – A, sheet 1 of 5.

SHEET A1.10 MEZZANINE FURNITURE PLAN

1. Computer Workstation Locations. Refer to ATTACHMENT – A, sheet 2 of 5.

SHEET E1.4 LEVEL1 TELECOMMUNICATIONS + PUBLIC ADDRESS PLAN

1. Add Speaker locations as shown on ATTACHMENT – A, sheet 3 of 5.

SHEET E1.4 LEVEL1 TELECOMMUNICATIONS + PUBLIC ADDRESS PLAN

1. Add Speaker locations as shown on ATTACHMENT – A, sheet 3 of 5.

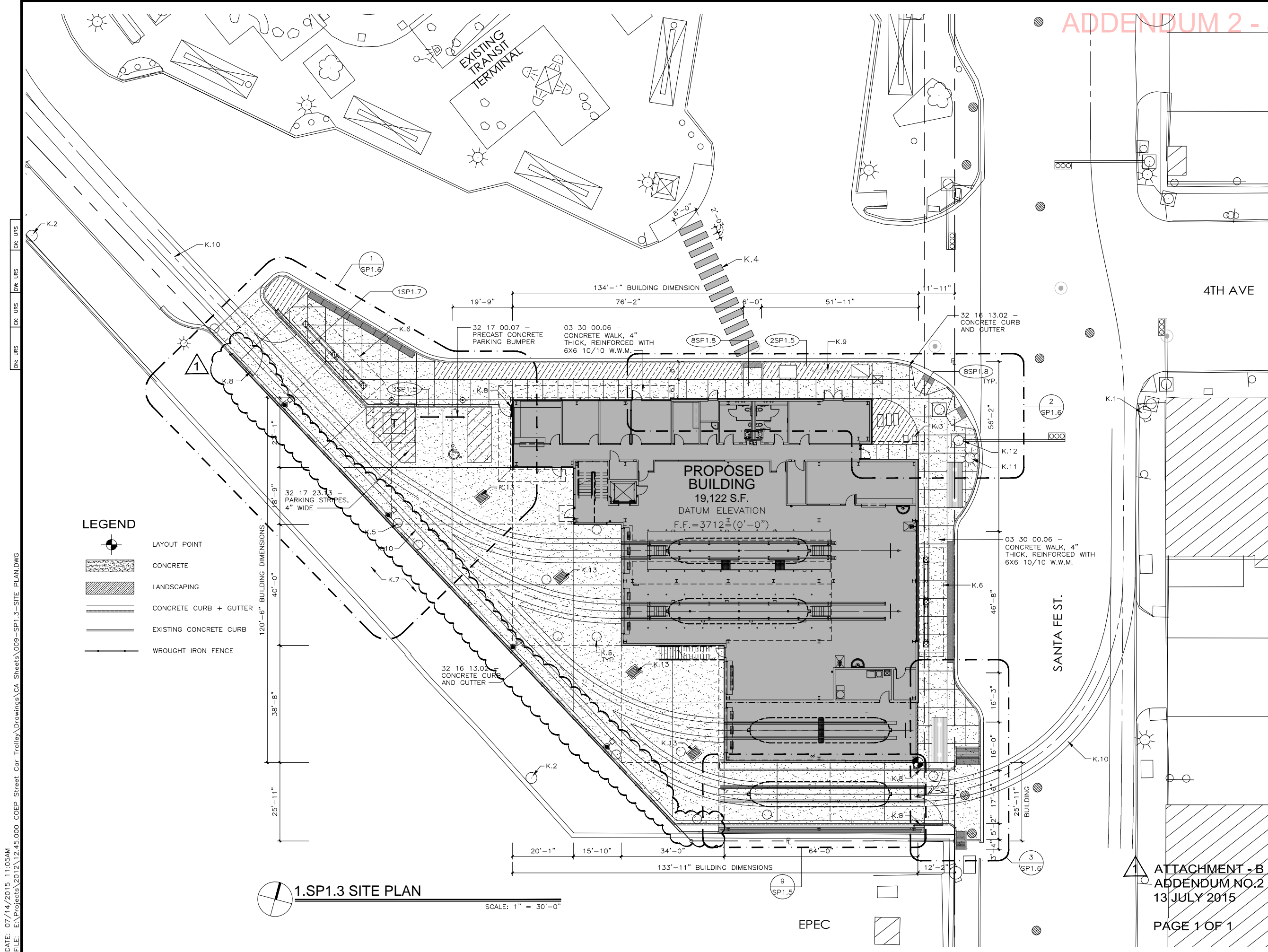
SHEET E1.5 LEVEL1 CCTV + CARD ACCESS PLAN

1. Add 13 cameras locations as shown on ATTACHMENT – A, sheet 4 of 5.

SHEET E1.11 MEZZANINE CCTV + CARD ACCESS PLAN

1. Add 3 camera locations as shown on ATTACHMENT – A, sheet 5 of 5.

END OF ADDENDUM NO.2



ADDENDUM 2 - JULY 15, 2015

GENERAL SITE NOTES

- GS1. CONCRETE WALKS ARE TO BE SCORED AS INDICATED WITH 1/2" EXPANSION JOINTS INSTALLED AT 20'-0" O.C. BETWEEN INTERSECTING WALKS AND AS DETAILED.
- GS2. AREAS INDICATED "LANDSCAPING" SHALL BE CLEARED OF ALL NON-SOIL MATERIALS AND GRADED TO 6" BELOW THE FINISH GRADES INDICATED. REFER TO LANDSCAPE PLANS FOR TOPSOIL CHAT AND/OR OTHER LANDSCAPING MATERIALS.
- GS3. CONTRACTOR IS RESPONSIBLE FOR ALL INCIDENTAL WORK REQUIRED WHETHER INDICATED OR NOT TO COMPLETE NEW WORK FOR INTENDED USE.
- GS4. REMOVE TREES, SHRUBS, GRASS AND OTHER VEGETATION, IMPROVEMENTS OR OBSTRUCTIONS INTERFERING WITH INSTALLATION OF NEW CONSTRUCTION. REMOVAL INCLUDES DIGGING OUT STUMPS AND ROOTS.

SITE KEYED NOTES

- K.1 EXISTING FIRE HYDRANT
- K.2 EXISTING UTILITY POWER POLE
- K.3 EXISTING WATER METER
- K.4 PEDESTRIAN CROSSING TO BE PAINTED WITH HIGHWAY REFLECTIVE WHITE PAINT.
- K.5 OCS POLE. REFER TO TRACK DRAWINGS.
- K.6 BUS CANOPY, REFER TO SHEET SP1.7
- K.7 EXISTING E.P.E.C. ACCESS PROPERTY.
- K.8 WROUGHT IRON GATES
- K.9 PROJECT SIGN, VERIFY EXACT LOCATION WITH OWNER.
- K.10 STREETCAR TRACK, REFER TO TRACK DRAWINGS AND SPECIFICATIONS.
- K.11 STREET LIGHT TO REMAIN. PROTECT AT ALL TIMES DURING ALL PHASES OF CONSTRUCTION.
- K.12 TRAFFIC LIGHT TO REMAIN. PROTECT AT ALL TIMES DURING ALL PHASES OF CONSTRUCTION.
- K.13 STORM DRAIN INLET

LEGEND

- LAYOUT POINT
- CONCRETE
- LANDSCAPING
- CONCRETE CURB + GUTTER
- EXISTING CONCRETE CURB
- WROUGHT IRON FENCE

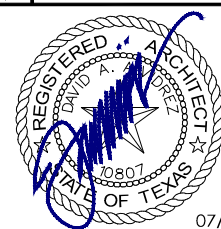
1.SP1.3 SITE PLAN

SCALE: 1" = 30'-0"

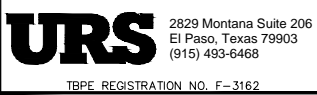
ATTACHMENT - B
ADDENDUM NO.2
13 JULY 2015

PAGE 1 OF 1

NO.	DATE	REVISION	APPROVED
1	07/14/15		
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3			
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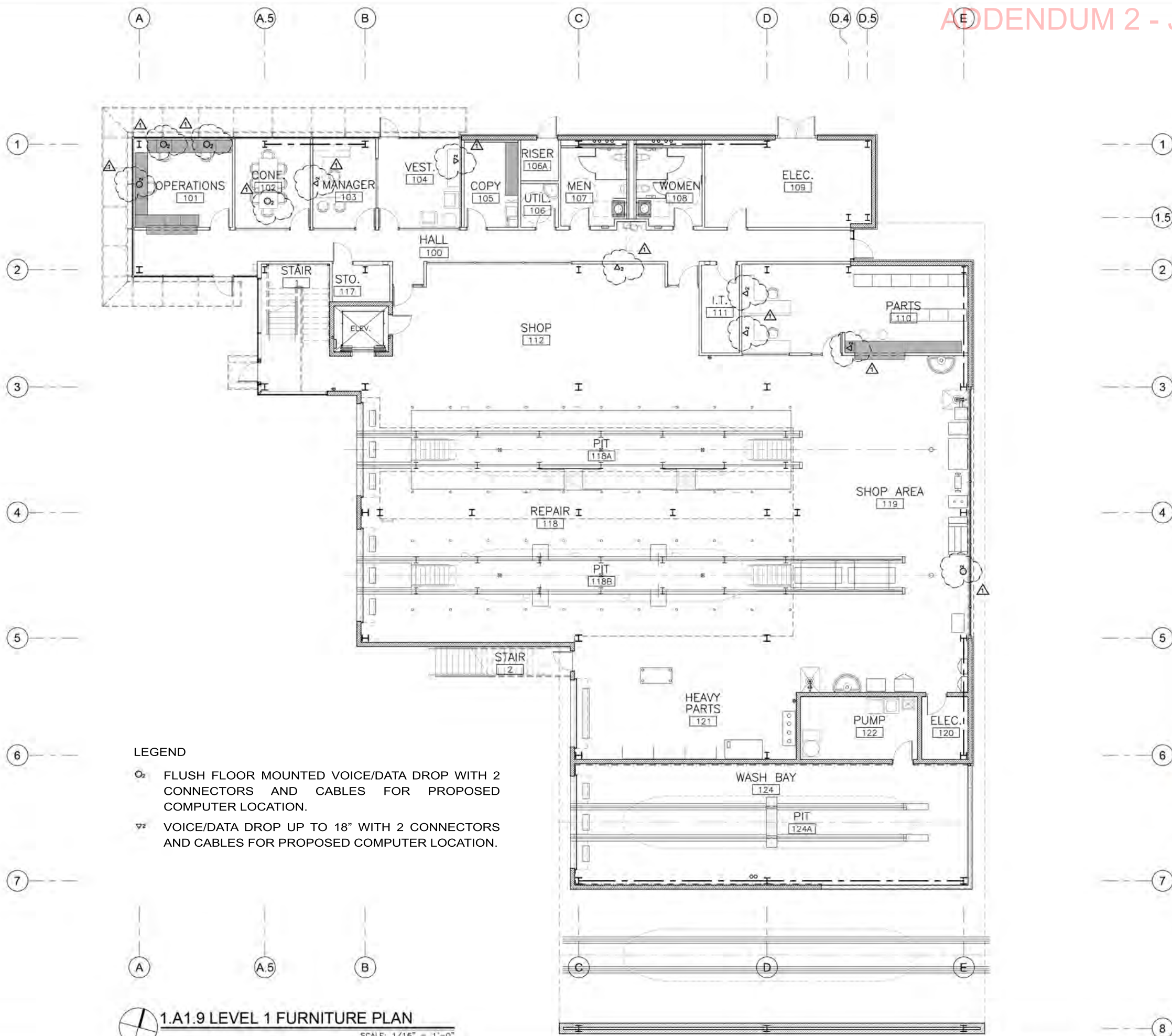


07/14/15



COEP STREETCAR
MAINTENANCE + STORAGE
FACILITY

SHEET 3 OF 9				SP1.3
CONT.	SECT.	JOB.	HIGHWAY.	
				VARIOUS
DIST.	COUNTY.	SHEET NO.		
EL PASO	EL PASO	1269		



LEGEND

○ FLUSH FLOOR MOUNTED VOICE/DATA DROP WITH 2 CONNECTORS AND CABLES FOR PROPOSED COMPUTER LOCATION.

▽ VOICE/DATA DROP UP TO 18" WITH 2 CONNECTORS AND CABLES FOR PROPOSED COMPUTER LOCATION.

1.A1.9 LEVEL 1 FURNITURE PLAN
SCALE: 1/16" = 1'-0"

ATTACHEMENT - A
ADDENDUM NO. 2 - 07/13/15
PAGE 1 OF 5

NO.	DATE	REVISION	APPROVED
1	7/13/15		
2			
3			
4			



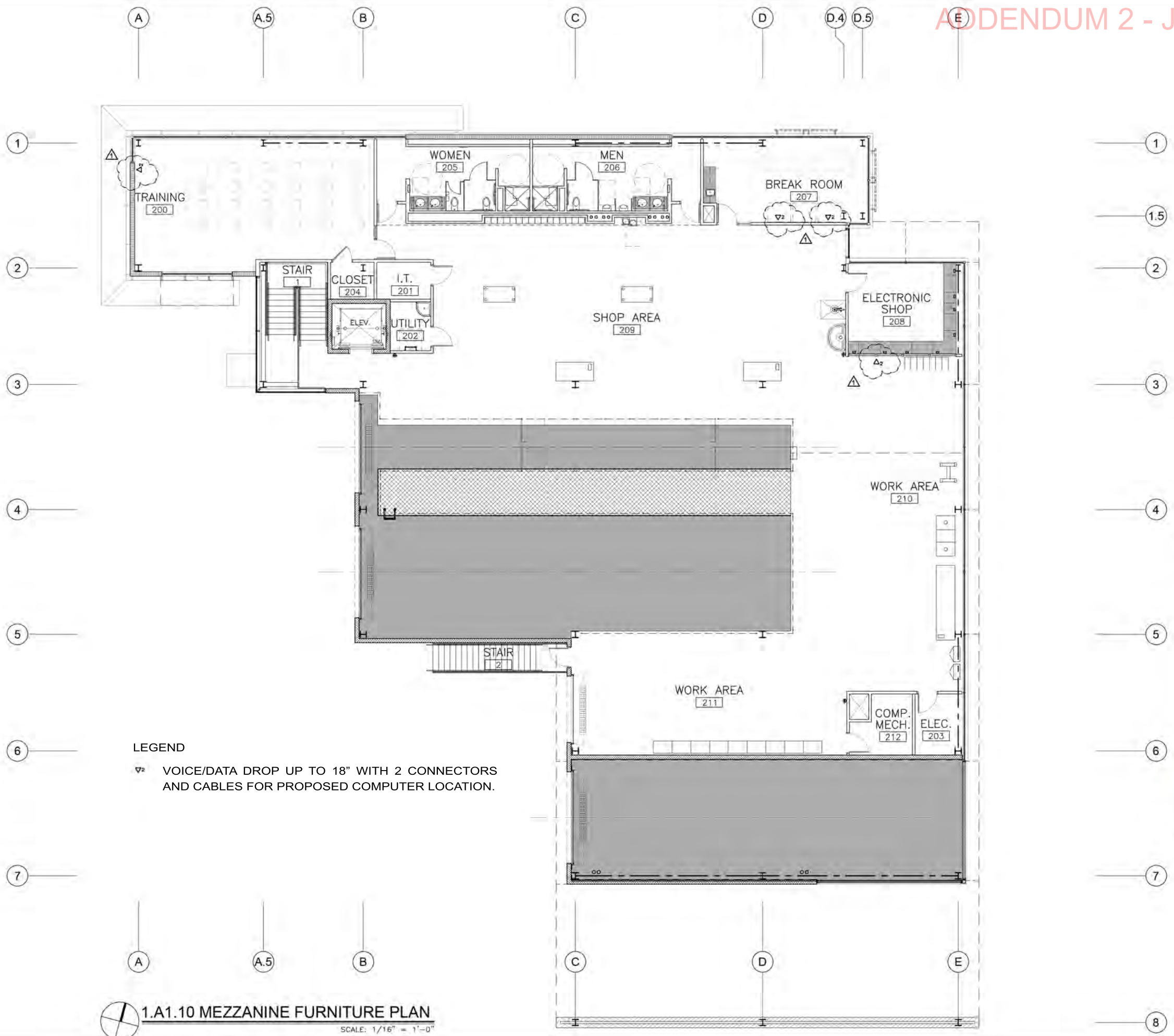
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EL PASO, TEXAS 79903
T:915.533.8200

URS
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El Paso, Texas 79903
(915) 493-8468
TYPE REGISTRATION NO. F-3162

**COEP STREETCAR
MAINTENANCE + STORAGE
FACILITY
LEVEL 1
FURNITURE PLAN**



SHEET 9 OF 25			A1.9
CONT	SECT	JOB	HIGHWAY
			VARIOUS
DIST	COUNTY	SHEET NO.	
EL PASO	EL PASO	1352	



LEGEND
▽ VOICE/DATA DROP UP TO 18" WITH 2 CONNECTORS AND CABLES FOR PROPOSED COMPUTER LOCATION.

1.A1.10 MEZZANINE FURNITURE PLAN
SCALE: 1/16" = 1'-0"

ATTACHEMENT - A
ADDENDUM NO. 2 - 07/13/15
PAGE 2 OF 5

NO.	DATE	REVISION	APPROVED
1	7/7		
2	7/7		
3	7/7		
4	7/7		



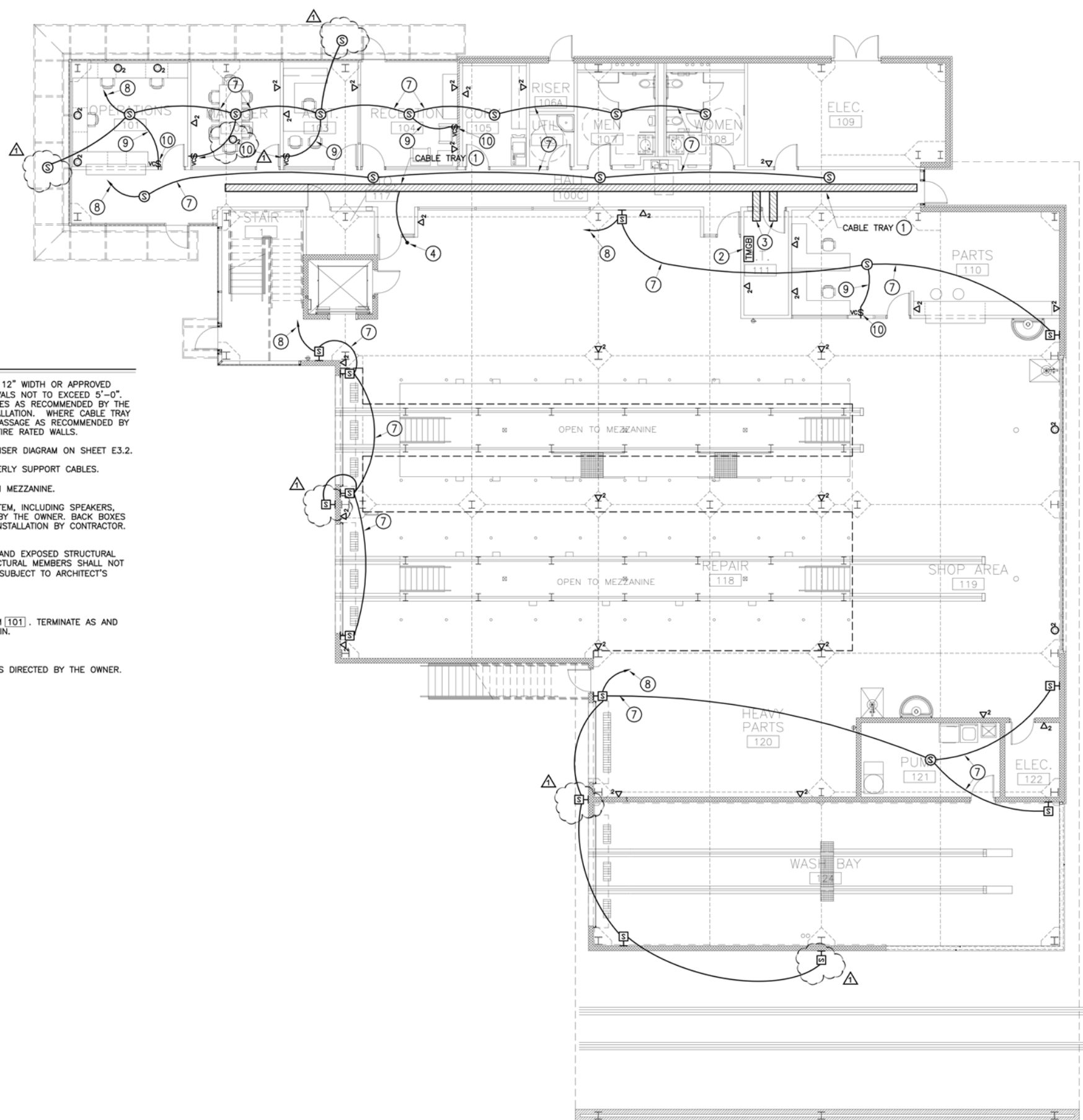
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**COEP STREETCAR
MAINTENANCE + STORAGE
FACILITY
MEZZANINE
FURNITURE PLAN**



SHEET 10 OF 25			A1.10
CONT.	SECT.	AGE	HIGHWAY
			VARIOUS
DIST.	COUNTY	SHEET NO.	
EL PASO	EL PASO	1353	



KEYED NOTES: THIS SHEET ONLY

- 1 CABLE TRAY SHALL BE CABLOFIL #CF105/300EZ, 4" DEPTH, 12" WIDTH OR APPROVED EQUAL. PROVIDE CENTER HANGERS #FAS P300CH AT INTERVALS NOT TO EXCEED 5'-0". PROVIDE ACCESSORIES, HARDWARE AND OTHER APPURTENANCES AS RECOMMENDED BY THE MFR. FOR A COMPLETE, SAFE, RIGID AND FUNCTIONAL INSTALLATION. WHERE CABLE TRAY PASSES THROUGH FIRE RATED WALLS, INSTALL FIRE RATED PASSAGE AS RECOMMENDED BY THE MFR. PROVIDE ESCUTCHEON ON EACH SIDE OF THE FIRE RATED WALLS.
- 2 TELECOMMUNICATIONS MAIN GROUND BAR. SEE GROUNDING RISER DIAGRAM ON SHEET E3.2.
- 3 EXTEND CABLE TRAY INTO I.T. ROOM AS REQUIRED TO PROPERLY SUPPORT CABLES.
- 4 EXTEND 2-3" CONDUITS FROM CABLE TRAY TO I.T. ROOM ON MEZZANINE.
- 5 ALL EQUIPMENT ASSOCIATED WITH THE PUBLIC ADDRESS SYSTEM, INCLUDING SPEAKERS, SHALL BE FURNISHED, INSTALLED, CABLED AND CONNECTED BY THE OWNER. BACK BOXES FOR SPEAKERS SHALL BE FURNISHED BY THE OWNER FOR INSTALLATION BY CONTRACTOR. CONTRACTOR SHALL PROVIDE CONDUIT ROUGH-IN AS NOTED.
- 6 ALL EXPOSED CONDUIT SHALL BE RUN PARALLEL TO WALLS AND EXPOSED STRUCTURAL MEMBERS. CONDUIT RUN AT AN ANGLE TO WALLS AND STRUCTURAL MEMBERS SHALL NOT BE ACCEPTABLE. EXPOSED CONDUIT INSTALLATION SHALL BE SUBJECT TO ARCHITECT'S APPROVAL.
- 7 1" CONDUIT WITH PULLSTRING.
- 8 1" CONDUIT WITH PULLSTRING. EXTEND TO OPERATIONS ROOM (101). TERMINATE AS AND WHERE DIRECTED BY THE OWNER. VERIFY PRIOR TO ROUGH-IN.
- 9 1/2" C WITH PULLSTRING.
- 10 FURNISH AND INSTALL OUTLET BOX FOR VOLUME CONTROL AS DIRECTED BY THE OWNER.

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PAGE 3 OF 5

NO	DATE	REVISION	APPROVED
1	07/13/15	ADDENDUM 2	
2			
3			
4			

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06/07/13

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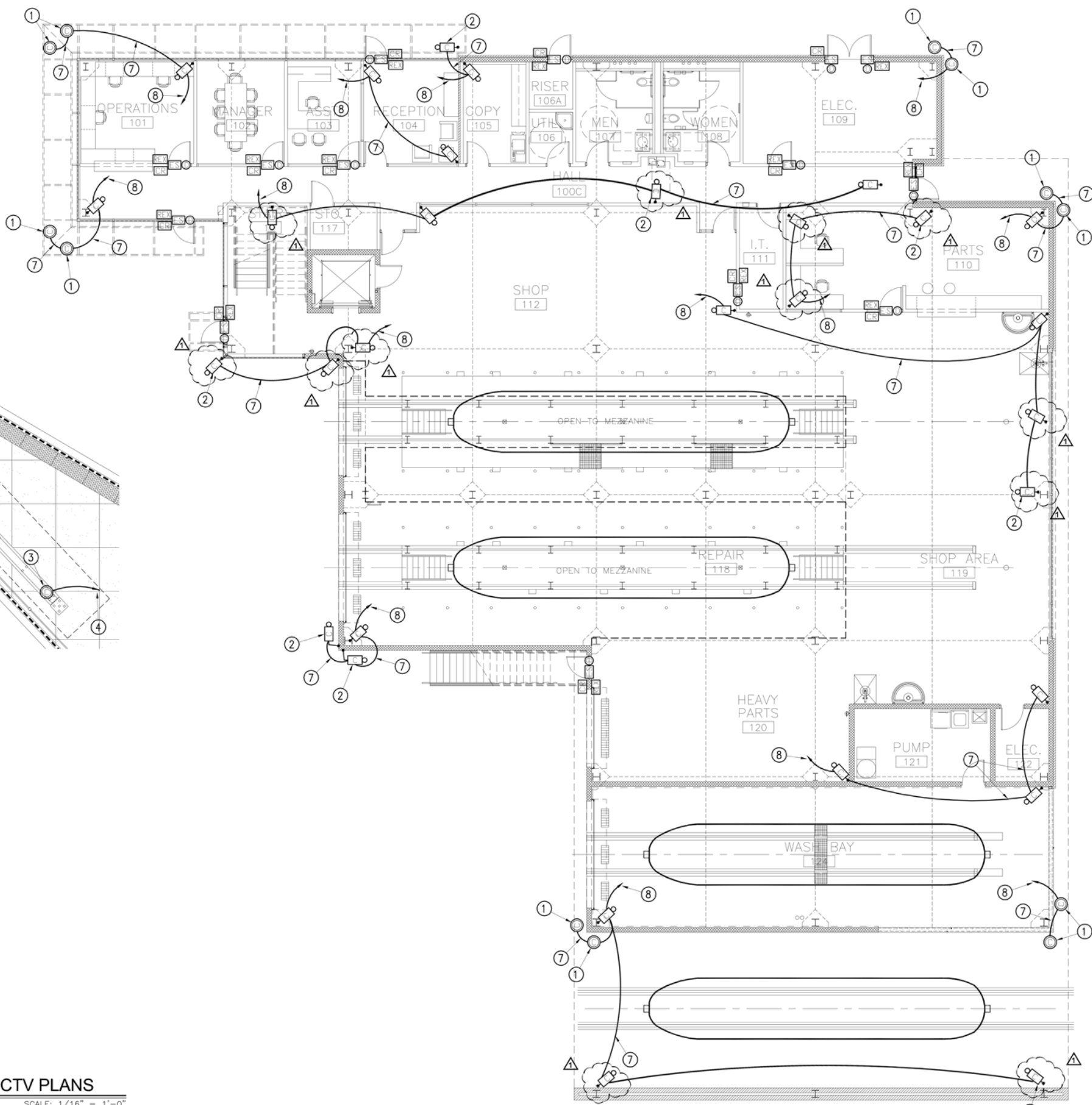
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**COEP STREETCAR
MAINTENANCE + STORAGE
FACILITY**

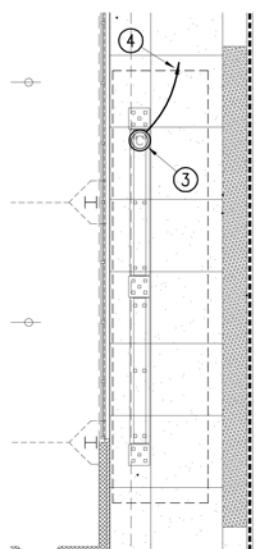
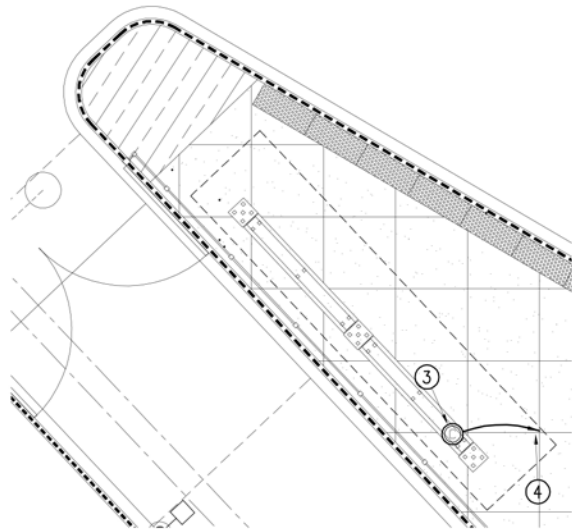
LEVEL 1
TELECOMMUNICATIONS AND
PUBLIC ADDRESS PLAN

TEXAS DEPARTMENT OF TRANSPORTATION

SHEET 8 OF 24			E1.4
CONT	SECT	JOB	HIGHWAY
			VARIOUS
DIST	COUNTY	SHEET NO.	
EL PASO	EL PASO	1427	



- KEYED NOTES: THIS SHEET ONLY**
- ① CAMERA ON THE UNDERSIDE OF THE CANOPY.
 - ② CAMERA AT 10'-0" AND AIMED AS INDICATED.
 - ③ CAMERA ON THE UNDERSIDE OF THE BUS STOP CANOPY.
 - ④ 2" C WITH PULLSTRING TO CCTV EQUIPMENT IN OPERATIONS ROOM 101.
 - ⑤ ALL EQUIPMENT ASSOCIATED WITH THE CCTV SYSTEM, INCLUDING CAMERAS, SHALL BE FURNISHED, INSTALLED, CABLED, AND CONNECTED BY THE OWNER. CONTRACTOR SHALL PROVIDE A 4"x4"x4" OUTLET BOX AT EACH CAMERA LOCATION PLUS CONDUIT ROUGH-IN AS NOTED.
 - ⑥ ALL EXPOSED CONDUIT SHALL BE RUN PARALLEL TO WALLS AND EXPOSED STRUCTURAL MEMBERS. CONDUIT RUN AT AN ANGLE TO WALLS AND STRUCTURAL MEMBERS SHALL NOT BE ACCEPTABLE. EXPOSED CONDUIT INSTALLATION SHALL BE SUBJECT TO ARCHITECT'S APPROVAL.
 - ⑦ 1" CONDUIT WITH PULLSTRING.
 - ⑧ 1" CONDUIT WITH PULLSTRING. EXTEND TO OPERATIONS ROOM 101. TERMINATE AS AND WHERE DIRECTED BY THE OWNER. VERIFY PRIOR TO ROUGH-IN.



BUS STOP CANOPIES CCTV PLANS
SCALE: 1/16" = 1'-0"

1.E1.5 LEVEL 1 CCTV & CARD ACCESS PLAN
SCALE: 1/16" = 1'-0"

ATTACHEMENT - A
ADDENDUM NO. 2 - 07/13/15
PAGE 4 OF 5

NO	DATE	REVISION	APPROVED
1	06/07/13		
2			
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Gonzalo Aguilar, Jr.

STATE OF TEXAS
GONZALO AGUILAR, JR.
REGISTERED PROFESSIONAL ENGINEER
37598
06/07/13

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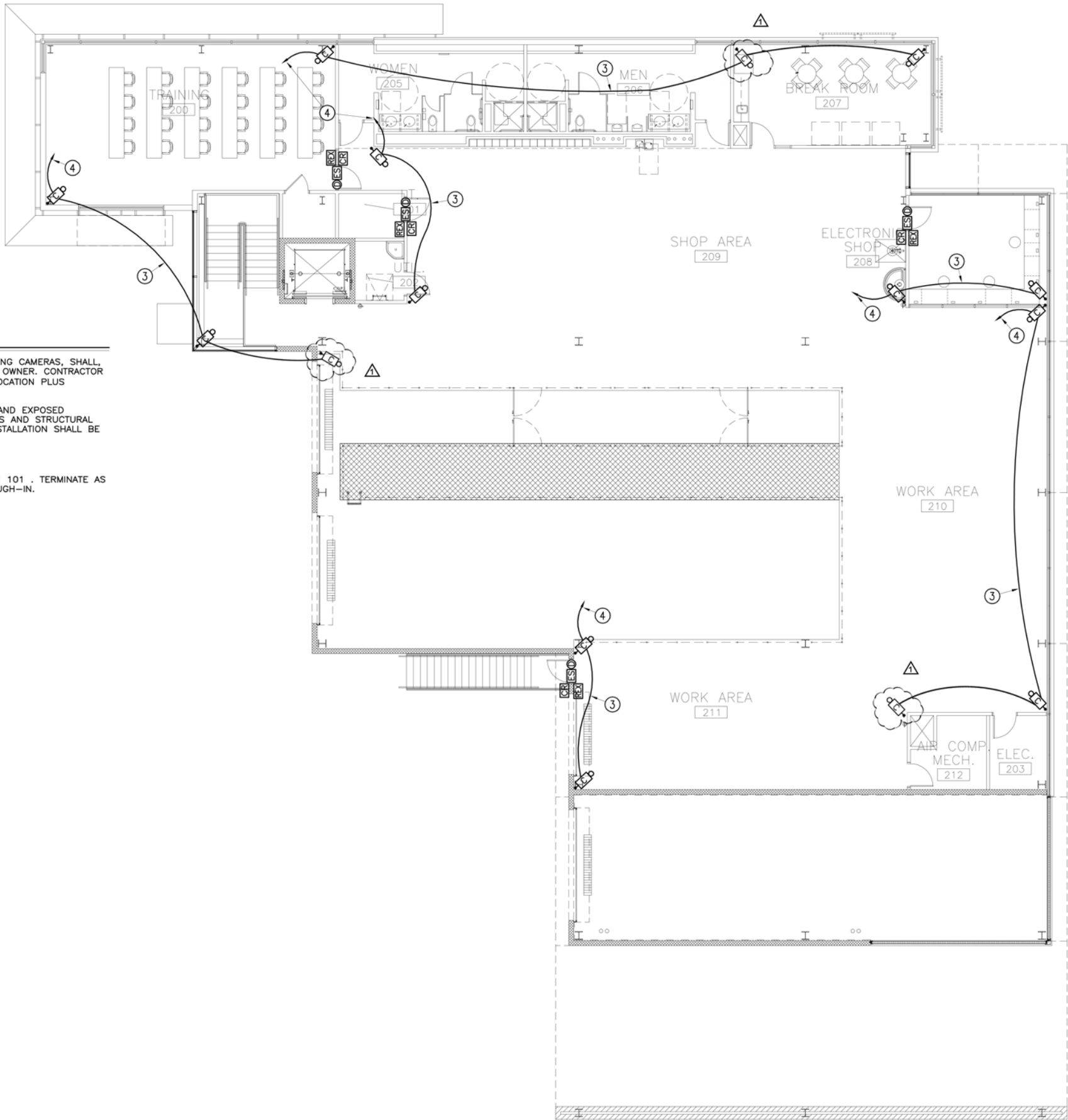
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**COEP STREETCAR
MAINTENANCE + STORAGE
FACILITY**
LEVEL 1
CCTV &
CARD ACCESS PLAN

**TEXAS DEPARTMENT
of Transportation**

SHEET 9 OF 24 E1.5

CONT	SECT	JOB	HIGHWAY
			VARIOUS
DIST	COUNTY	SHEET NO.	
EL PASO	EL PASO	1428	



KEYED NOTES: THIS SHEET ONLY

- 1 ALL EQUIPMENT ASSOCIATED WITH THE CCTV SYSTEM, INCLUDING CAMERAS, SHALL BE FURNISHED, INSTALLED, CABLED AND CONNECTED BY THE OWNER. CONTRACTOR SHALL PROVIDE A 4"x4"x4" OUTLET BOX AT EACH CAMERA LOCATION PLUS CONDUIT ROUGH-IN AS NOTED.
- 2 ALL EXPOSED CONDUIT SHALL BE RUN PARALLEL TO WALLS AND EXPOSED STRUCTURAL MEMBERS. CONDUIT RUN AT AN ANGLE TO WALLS AND STRUCTURAL MEMBERS SHALL NOT BE ACCEPTABLE. EXPOSED CONDUIT INSTALLATION SHALL BE SUBJECT TO ARCHITECT'S APPROVAL.
- 3 1" CONDUIT WITH PULLSTRING.
- 4 1" CONDUIT WITH PULLSTRING. EXTEND TO OPERATIONS ROOM 101 . TERMINATE AS AND WHERE DIRECTED BY THE OWNER. VERIFY PRIOR TO ROUGH-IN.

1.E1.11 MEZZANINE CCTV & CARD ACCESS PLAN 12
SCALE: 1/16" = 1'-0"

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ADDENDUM NO. 2 - 07/13/15
PAGE 5 OF 5

NO	DATE	REVISION	APPROVED
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COEP STREETCAR
MAINTENANCE + STORAGE
FACILITY
MEZZANINE
CCTV &
CARD ACCESS PLAN

SHEET 15 OF 24		E1.11
CONT	SECT	JOB
		VARIOUS
DIST	COUNTY	SHEET NO.
EL PASO	EL PASO	1434