

## DEPARTMENT OF TRANSPORTATION PLAN AND PROFILE OF PROPOSED

SANTA FE STATION – PRESERVATION PROJECT  
LAWRENCE, KANSAS DOUGLAS COUNTY

## An architectural sketch of the Santa Fe Passenger Station in Lawrence, Kansas. The building is a long, single-story structure with a flat roof and large windows. A sign above the entrance reads "Lawrence". To the right, a sign above a smaller entrance reads "Santa Fe". Further right, a sign above a glass door reads "Passenger Office". A train, labeled "Santa Fe" and "Lawrence", is stopped at the platform on the left. The foreground shows a paved area and some landscaping, including a small tree and bushes. The background features a line of trees. The sketch is signed "A. T. &amp; S. F. RY CO. - 1955" in the bottom left corner.

413 E 7TH STREET, LAWRENCE KS

December 9, 2016

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2\_\_\_\_\_SHEET INDEX  
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5-57\_\_\_\_\_ARCHITECTURAL DRAWINGS  
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## PLANS PREPARED BY:

COUNTY LINE	.....	CENTER LINE OF PROJECT	.....
CITY LIMITS	.....	TERRACE	.....
STATE OR NATIONAL LINE	.....	CULVERTS	.....
TOWNSHIP, SECTION or GRANT LINE	.....	DROP INLET & STORM SEWER	.....
PROPERTY LINE	.....	ACCESS CONTROL	.....
HIGHWAY FENCE	.....	POWER POLE	.....
EXISTING FENCE	.....	TELEPHONE POLE	.....
GUARD FENCE	.....	MARSH	.....
CONSTRUCTION LIMITS	.....	HEDGE	.....
RIGHT OF WAY LINE	.....	TREES	.....
TRAVELED WAY	.....	PROFILE ELEVATION	.....
RAILROADS	.....	STREAM OR CREEK	.....

GROSS LENGTH OF PROJECT	FT.
EXCEPTIONS	FT.
ADDITIONS	FT.

NET LENGTH OF PROJECT	FT.	MILES
NET LENGTH OF BRIDGES	FT.	MILES
NET LENGTH OF ROAD	FT.	MILES

RECOM. FOR APPROVAL-DATE

COUNTY OFFICIAL

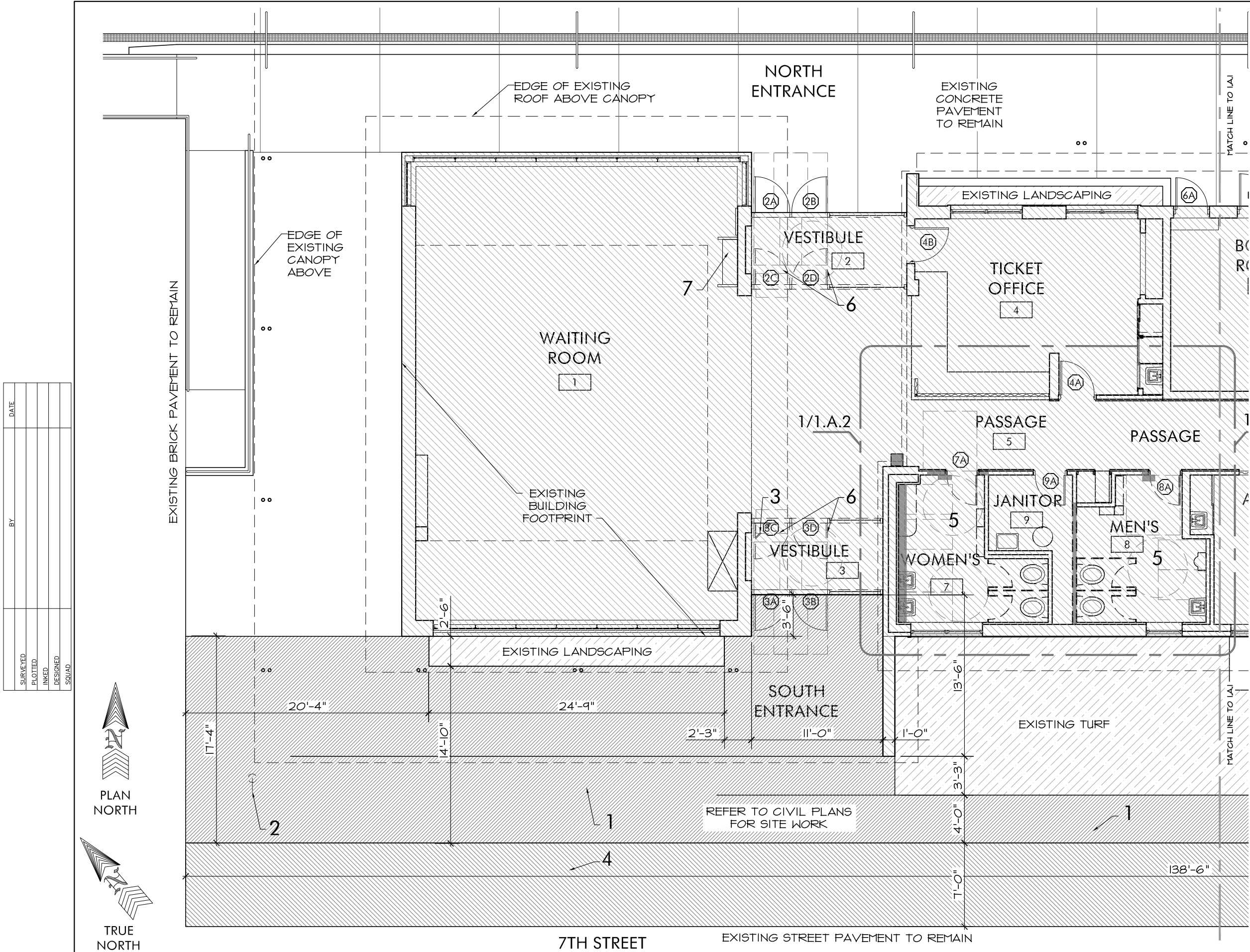
Rev #1 - Dec 9, 2016  
KANSAS DEPARTMENT OF TRANSPORTATION

	BY	DATE
SURVEYED		
PLOTTED		
INKED		
DESIGNED		
SOUND		

DEMOLITION NOTES:

1. Remove concrete sidewalk per Civil drawings. (Bid as part of Site Improvements.)
2. Remove "No Parking" sign. (Bid as part of Site Improvements.)
3. Remove door holder and salvage for reuse.
4. Remove street pavement per Civil drawings. (Bid as part of Site Improvements.)
5. Refer to drawing 1/1.A.2 for demolition at Bathrooms 7 & 8.
6. Remove (4) interior aluminum storefront doors and return to owner for storage.
7. Remove brochure stand and shelf and salvage for reinstallation.

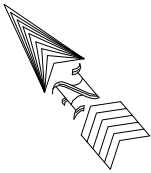
KANSAS DEPARTMENT OF TRANSPORTATION			
DEMOLITION PLAN – WEST PORTION			
1.A.0			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.



DATE	BY	SURVEYED	PLOTTED	INKED	DESIGNED	SQUAD



PLAN NORTH



TRUE NORTH

# 1 DEMOLITION PLAN - WEST PORTION

1/8" = 1'-0"

$$1/8'' = 1'-0''$$

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	7	143
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DEMOLITION NOTES:

1. Remove 1-5/8" thick structural clay tile at upper portion of wall (re: 2/3.A.0.)

2. Remove and salvage wood paneling and trim around door on "Passage" side of wall (remove paneling to closest vertical joint). Remove wood door and metal frame; salvage all door hardware components. Cut and remove structural clay tile wall for 3'-2" wide x 6'-10" tall R.O. Provide steel angle ledger at head per 2/5.A.1.

3. Remove floor tiles as shown (43 full and partial tiles total).

4. Remove structural clay tile wall as shown; salvage structural clay tiles for reuse.

5. Remove and salvage wood paneling and trim around door on "Passage" side of wall (remove paneling to closest vertical joint). Remove wood door and metal frame; salvage all door hardware components. Cut and remove structural clay tile wall for 3'-2" wide x 6'-10" tall R.O. Provide steel angle ledger at head per 2/5.A.1.

6. Remove existing fixtures in both bathrooms (lavatories, toilets, urinals); salvage lavatories for reuse.

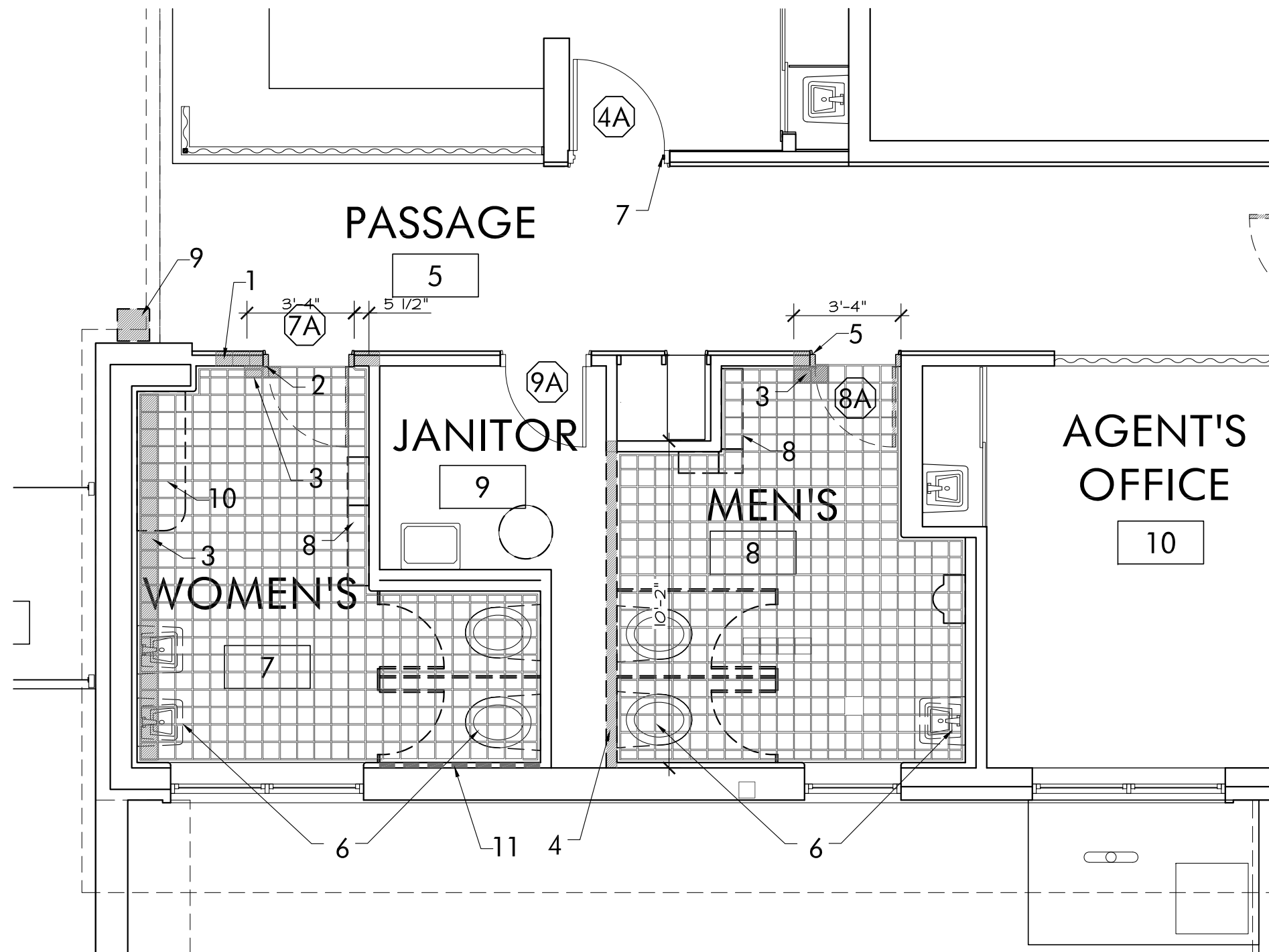
7. Cut and remove door stop on east jamb up to 34" above finish floor to make door width ADA accessible. Weld metal patch into cut jamb.

8. Remove existing fan coil unit, wood framed chase, and related piping.

9. Remove existing water fountain.

10. Remove and salvage existing shelf and hardware.

11. Remove bottom two courses of structural glazed tile to provide ADA toe clearance width at new toilet stall.



PLAN  
NORTH



TRUE  
NORTH

# 1 DEMOLITION PLAN - BATHROOMS 7 & 8

KANSAS DEPARTMENT OF TRANSPORTATION

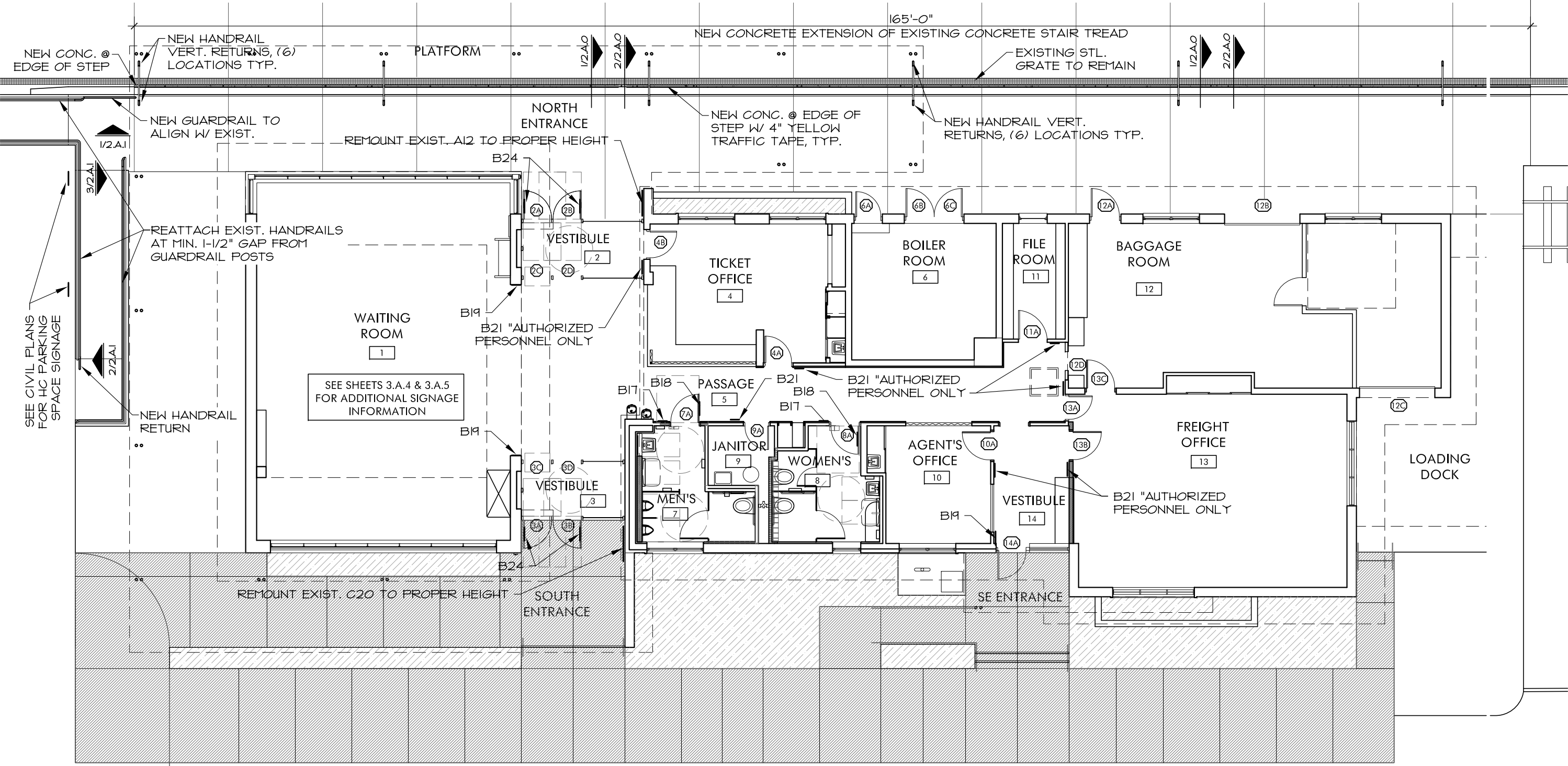
DEMOLITION PLAN – BATHROOMS 7 & 8

1.A.2

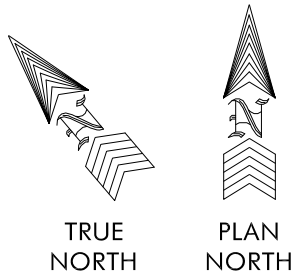
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FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.





DATE	BY	SURVEYED	PLOTTED	INKED	DESIGNED	SQUAD



7TH STREET

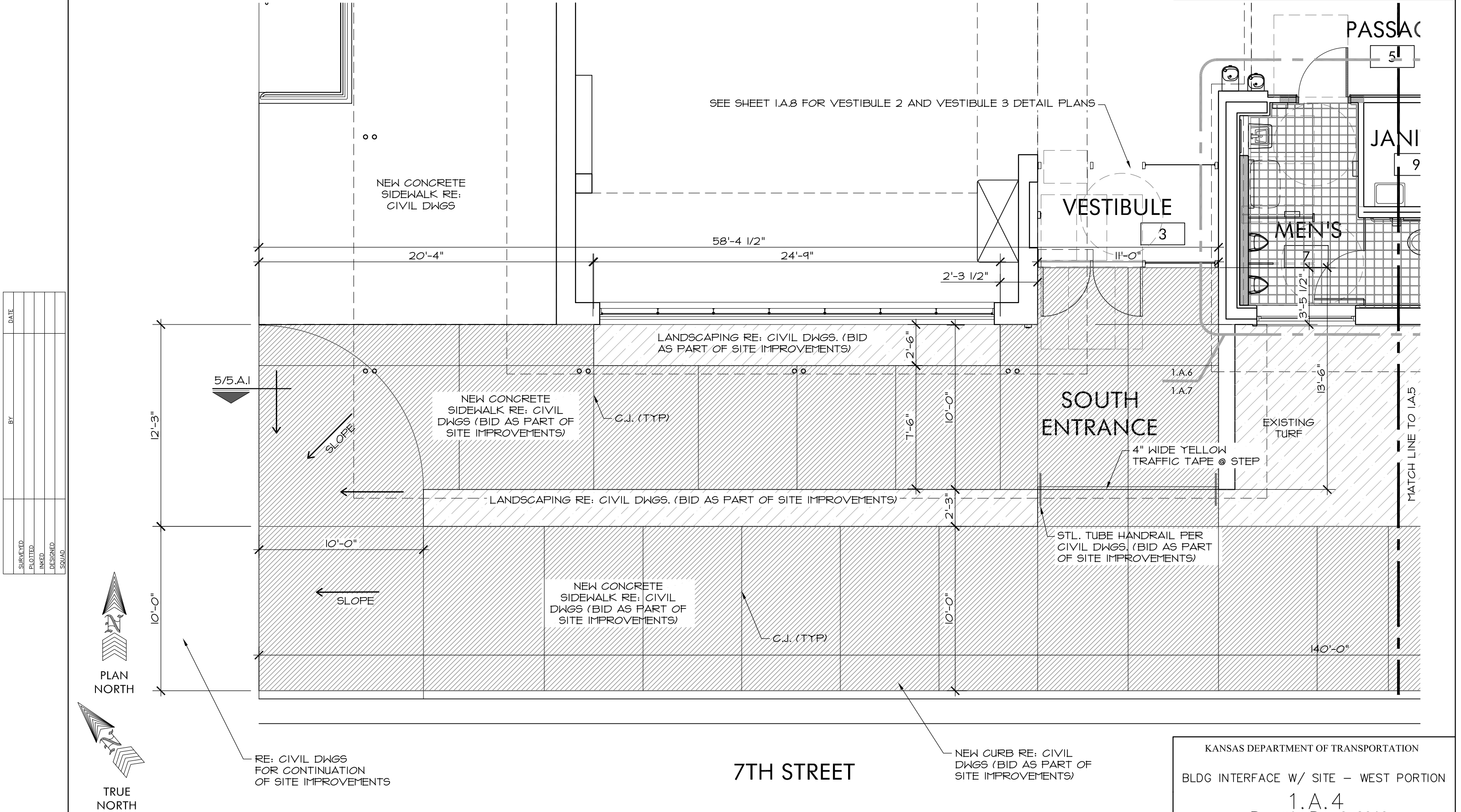
7TH STREET

# 1 FLOOR PLAN OVERVIEW, PLATFORM STEP, HANDRAIL MODIFICATIONS & SIGNAGE

3/32" = 1'-0"

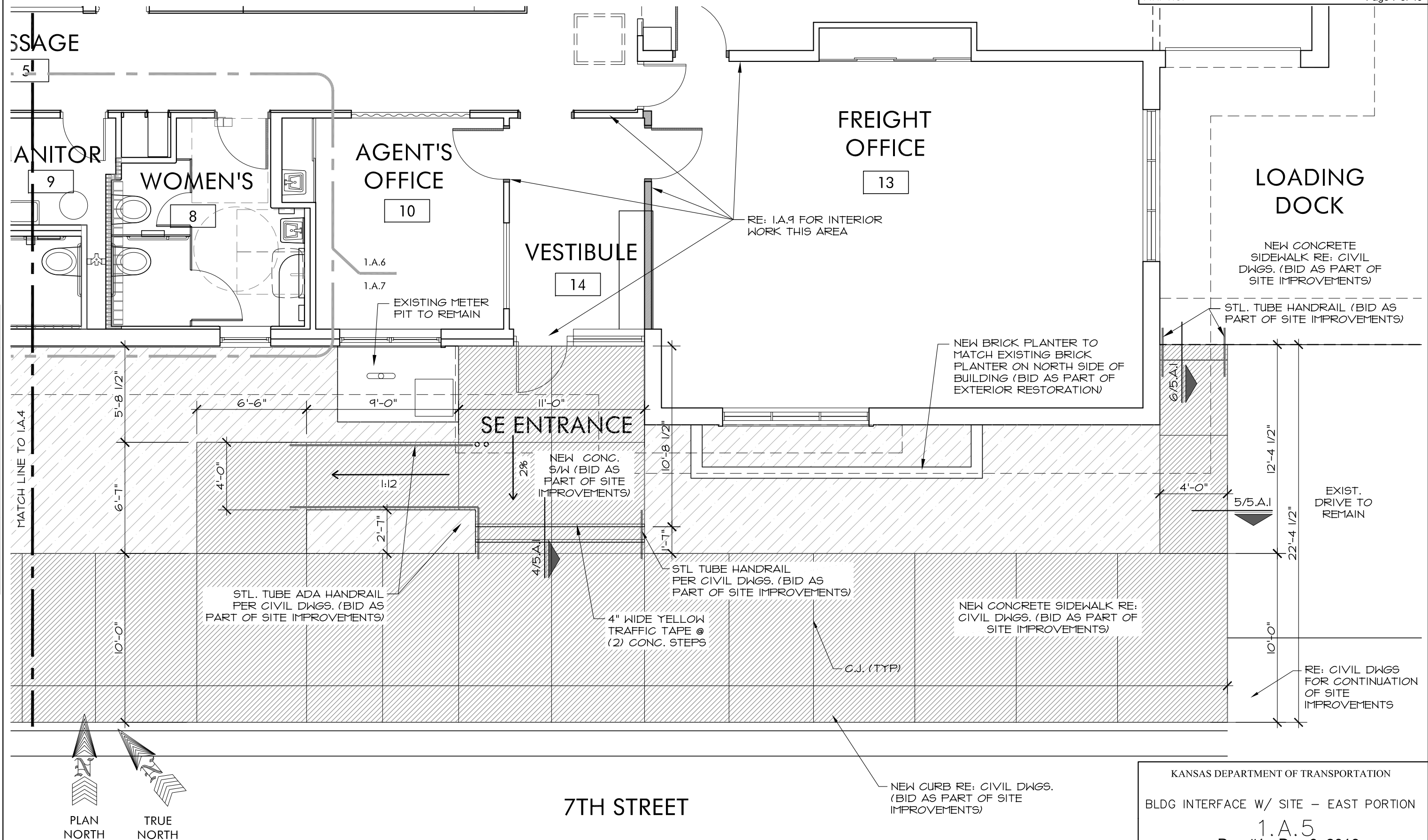
KANSAS DEPARTMENT OF TRANSPORTATION			
FLOOR PLAN OVERVIEW			
1.A.3			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

DATE	BY	SURVEYED	PLOTTED	INKED	DESIGNED	SQUAD

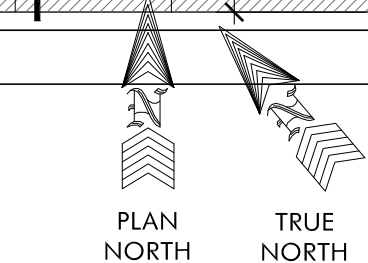


**1 BUILDING INTERFACE WITH WEST PORTION OF SITE RE: CIVIL DWGS. FOR SITE DTLs.**

KANSAS DEPARTMENT OF TRANSPORTATION			
BLDG INTERFACE W/ SITE – WEST PORTION			
1.A.4			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.



DATE	BY	SURVEYED	PLOTTED	INKED	DESIGNED	SQUAD

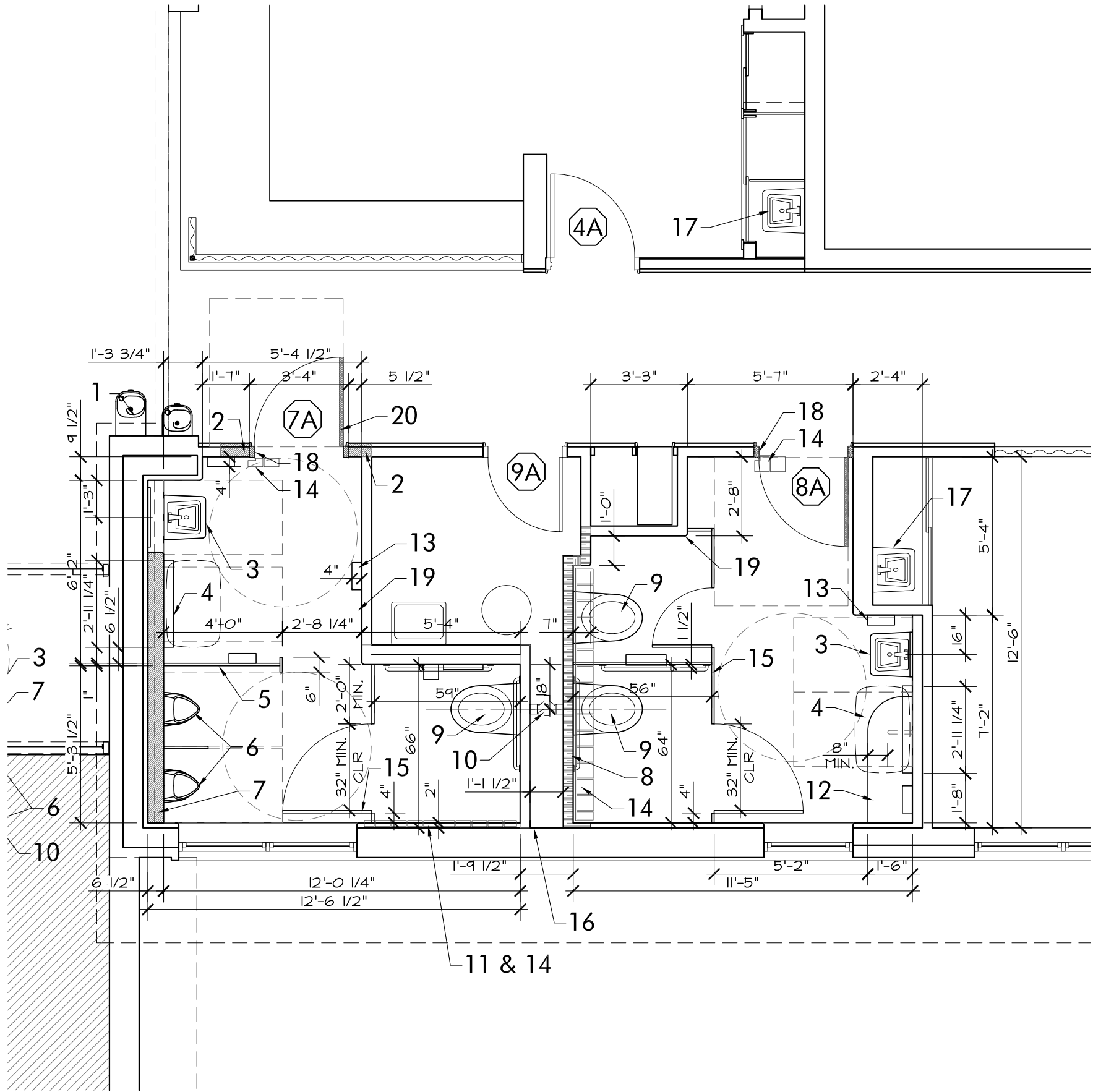


**1 BUILDING INTERFACE WITH EAST PORTION OF SITE RE: CIVIL DWGS FOR DTLs**  
3/16" = 1'-0"

KANSAS DEPARTMENT OF TRANSPORTATION			
BLDG INTERFACE W/ SITE – EAST PORTION			
1.A.5 Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

- NOTES:
1. Install ADA bi-level drinking fountain.
  2. Replace exist. 1-5/8" thick structural clay tiles at upper portion of wall with salvaged 3-5/8" structural clay tiles; approximately 22 full and partial tiles (Re: 2/3.A.0).
  3. Install salvaged lavatories.
  4. Install wall-hung horizontal diapering station.
  5. Install partition in accordance with ADA standards.
  6. Install wall-hung urinal.
  7. Construct structural clay tile wall, 3'-3 1/8" A.F.F. -- See details on sheet 5.A.0.
  8. Construct structural clay tile wall, -- See sections on sheet 5.A.0.
  9. Install wall-hung ADA toilet
  10. Install back-to-back siphon jet
  11. Remove two courses (9" A.F.F. min.) of structural clay tile for ADA toe clearance at toilet stall.
  12. Install salvaged shelf with salvaged hardware; height as shown in elevation drawings. Install bracket under work surface 8" minimum from the exposed edge of the shelf.
  13. Install wall-hung automatic hand dryer.
  14. Install ceramic floor tiles to match originals.
  15. Install toilet partitions in accordance with ADA standards.
  16. Provide steel angle brace at south end of existing structural clay tile wall; Attach #353 de-bonded shear anchors to ext. wall & embed into every third bed joint of exist. tile wall; See detail 3/5.A.2.
  17. (2) Existing ceramic wall-hung lavatories; Clear drain lines for proper operation.
  18. Note: Paper towel dispenser mounted adjacent to Door 7A is allowed because the door does not latch. See head and jamb details 2/5.A.1 at structural clay tile walls.
  19. Point mortar joints where anchoring devices are removed with fan coil unit, piping chase, and piping.

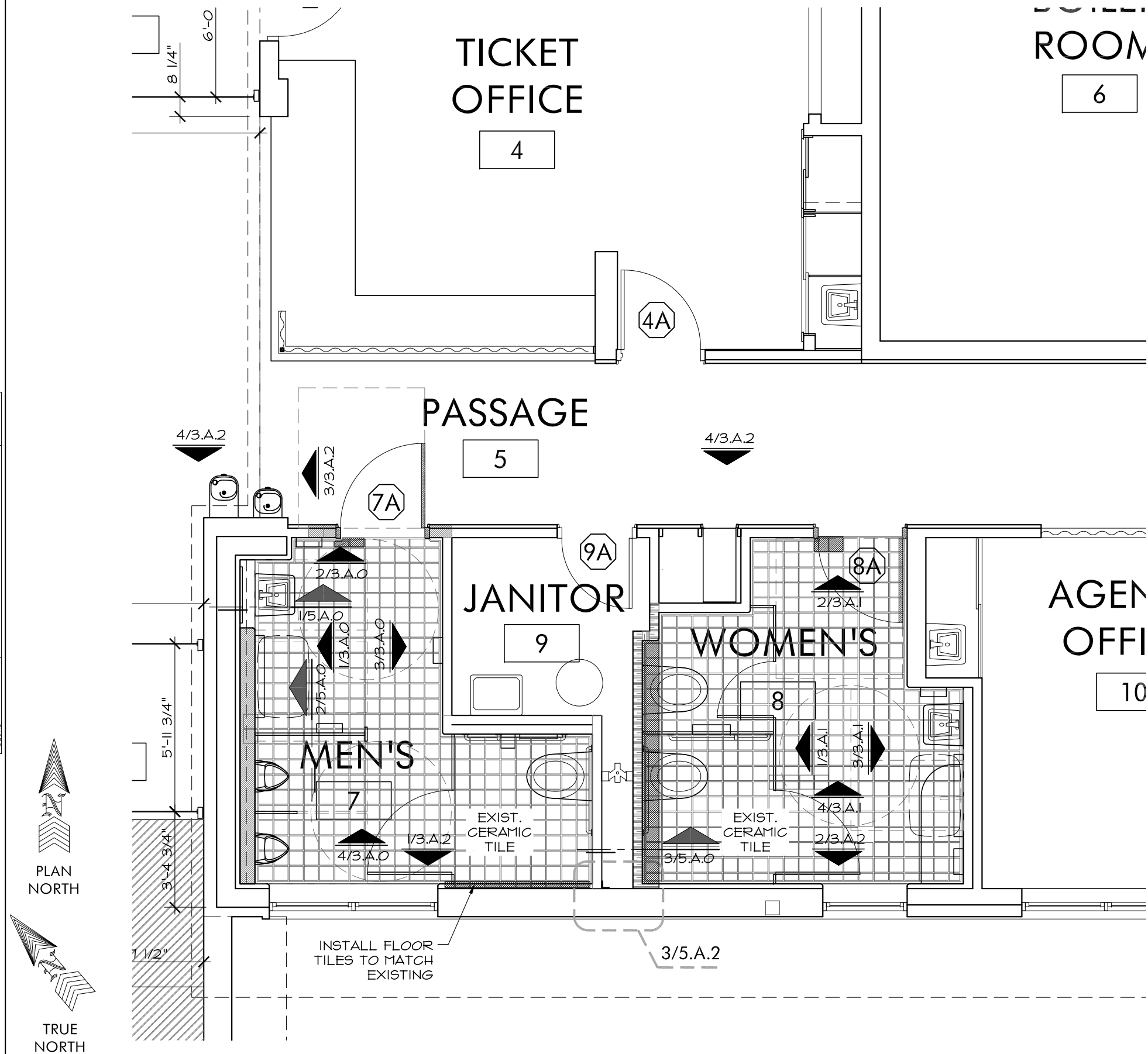
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# 1 FLOOR PLAN - TICKET OFFICE, BATHROOM 7 & BATHROOM 8

KANSAS DEPARTMENT OF TRANSPORTATION			
FLOOR PLAN - TICKET OFFICE, BATHROOMS			
1.A.6 Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

DATE	BY	SURVEYED	PLOTTED	INKED	DESIGNED	SQUAD

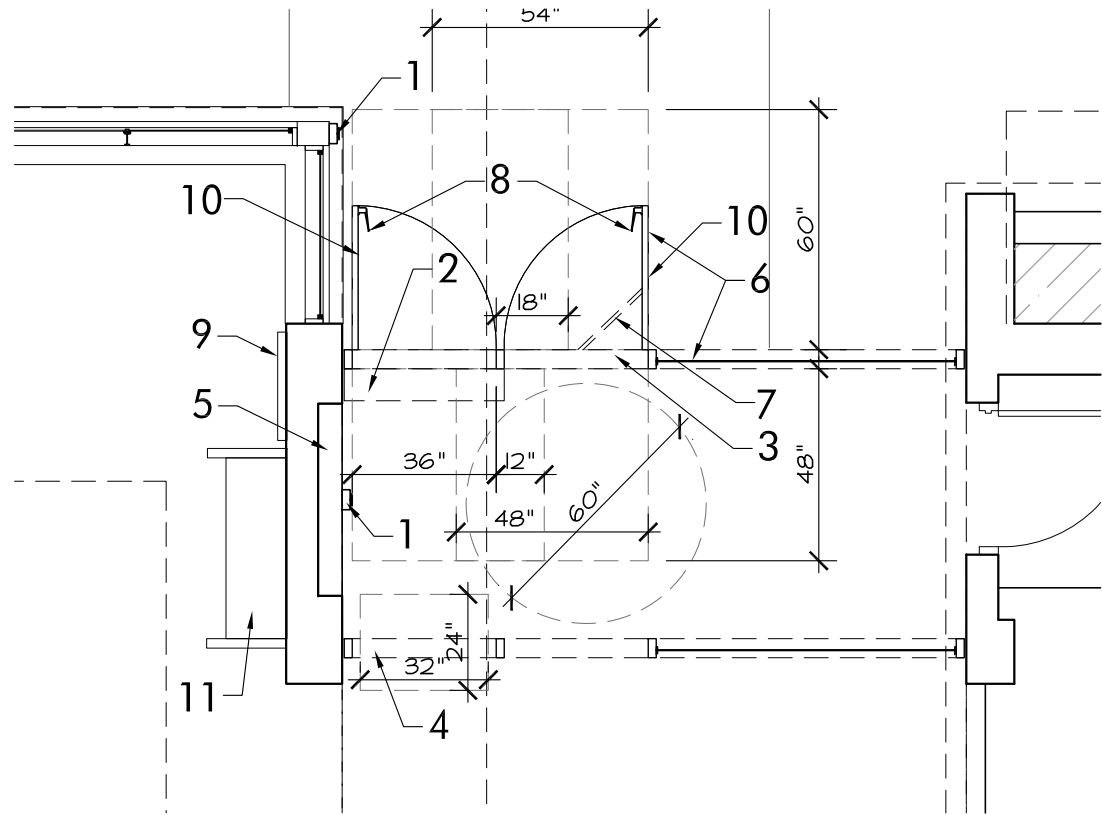


**1 FLOOR PLAN - TICKET OFFICE, BATHROOM 7, & BATHROOM 8**  
1/4" = 1'-0"

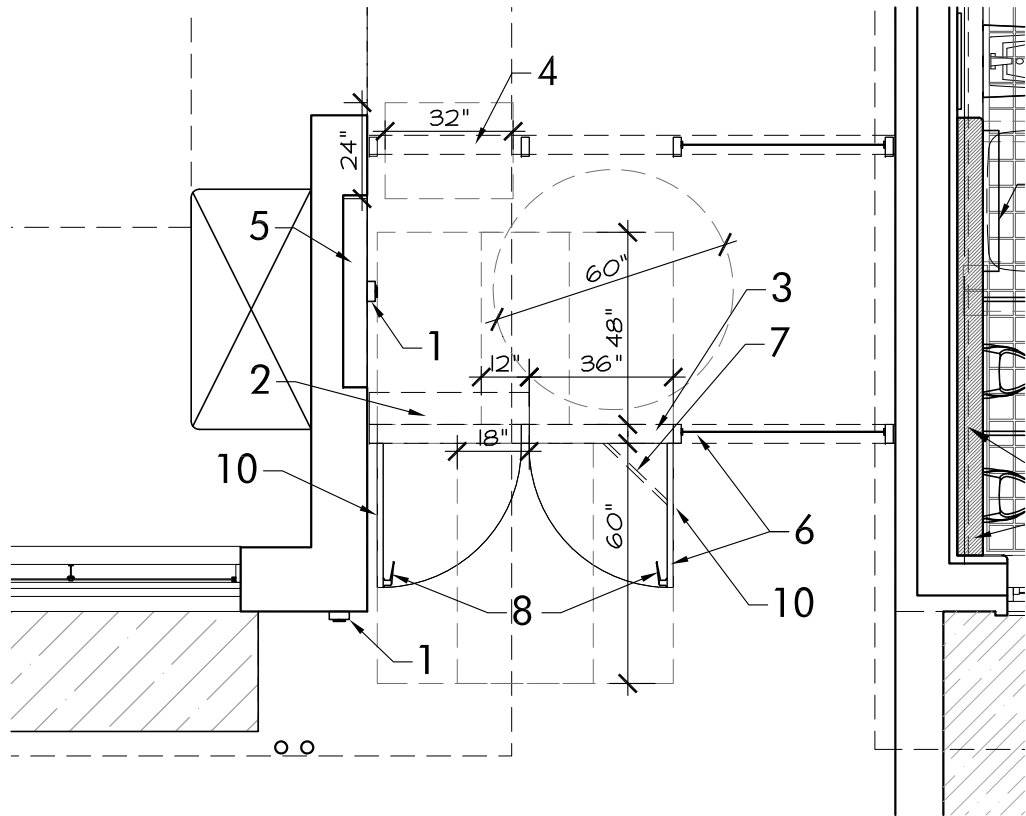
KANSAS DEPARTMENT OF TRANSPORTATION			
FLOOR PLAN - TICKET OFFICE, BATHROOMS			
1.A.7			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
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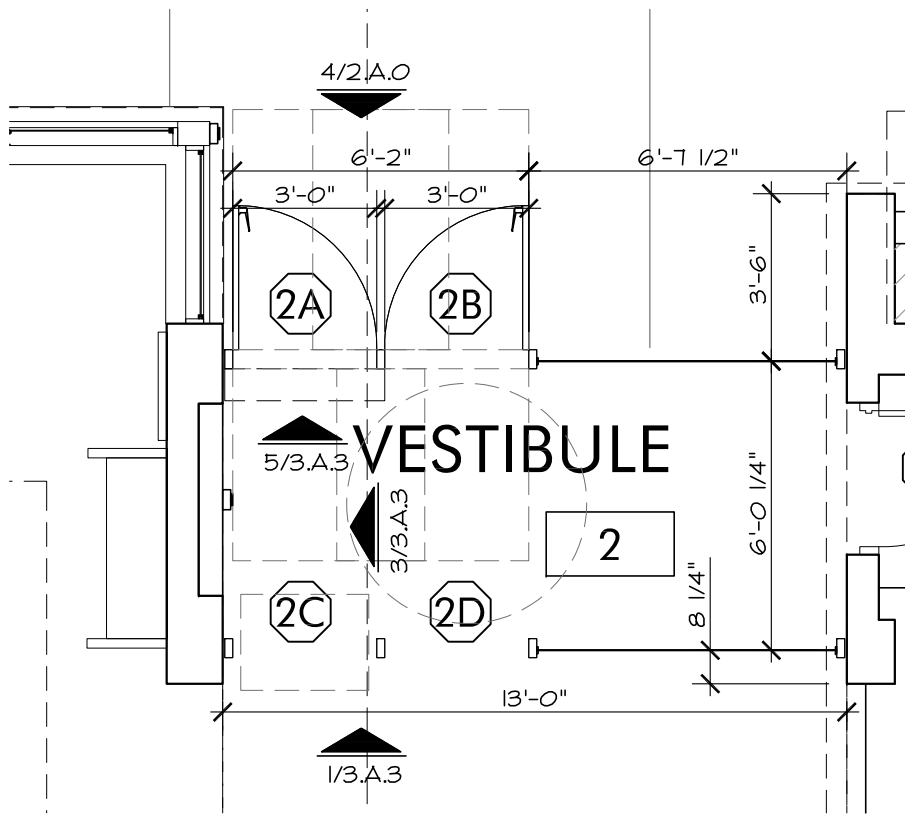
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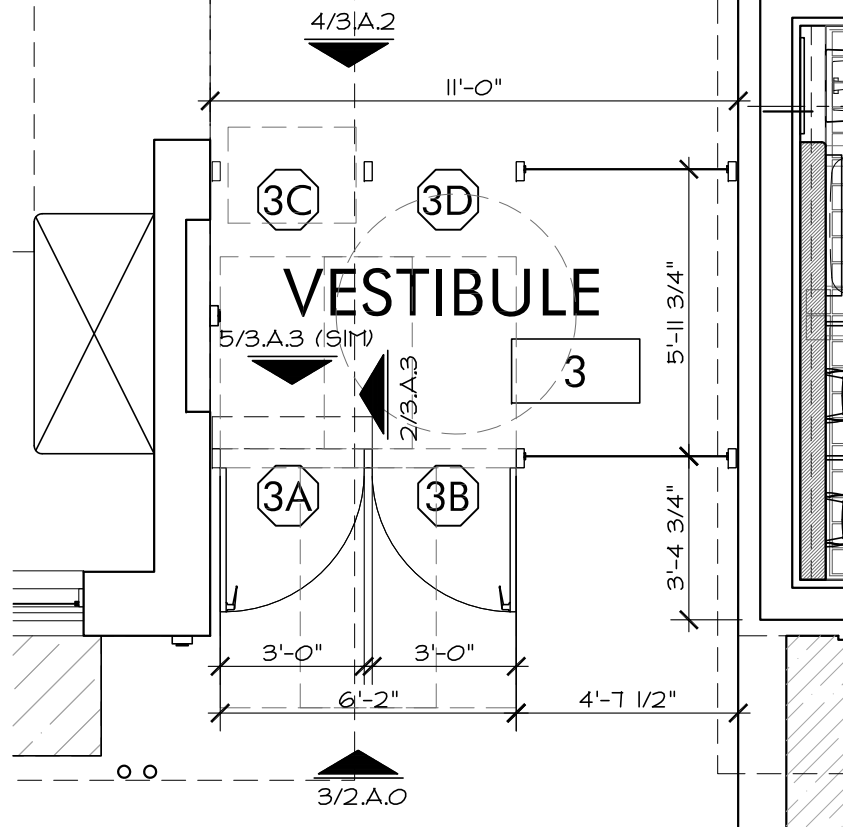
**1 FLOOR PLAN VESTIBULE 2**  
1/4" = 1'-0"



**3 FLOOR PLAN VESTIBULE 3**  
1/4" = 1'-0"



**2 FLOOR PLAN VESTIBULE 2**  
1/4" = 1'-0"



**4 FLOOR PLAN VESTIBULE 3**  
1/4" = 1'-0"

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- NOTES:
1. Install wireless ADA door operator wall plates (2) @ each vestibule. Operator not to project more than 4" from wall, typ.
  2. Install low-energy overhead ADA door operator.
  3. Install concealed overhead door closer.
  4. Existing in-floor door closer enclosures to remain
  5. Existing radiator to remain; Remove piping.
  6. Existing aluminum storefront and doors to remain. Replace hardware as indicated in schedule. Modify push bars for incorporation of new panic hardware. See elevations 3/2.A.0, 4/2.A.0, and 5/3.A.3.
  7. Install (1) salvaged overhead door holder; Provide (1) overhead door holder to match salvaged holder.
  8. Install deadlatch paddle device w/ salvaged push handles attached to paddle (Re: 4/5.A.2).
  9. Reinstall original brochure rack to a reach range level between 15" and 48" A.F.F.
  10. Install Lexan kickplate panel on interior of glass flush with inside face of door. (Re: 1/5.A.3)
  11. Reinstall original shelf to a level where the bottom leading edge is at a detectable height of 27" A.F.F. & shelf is at 32" A.F.F.

Other Notes - Replace remaining deadbolts with dummy cylinders; Remove existing overhead door closers. Cover screw holes in aluminum storefront framing members & doors with sheet aluminum to match existing finish.

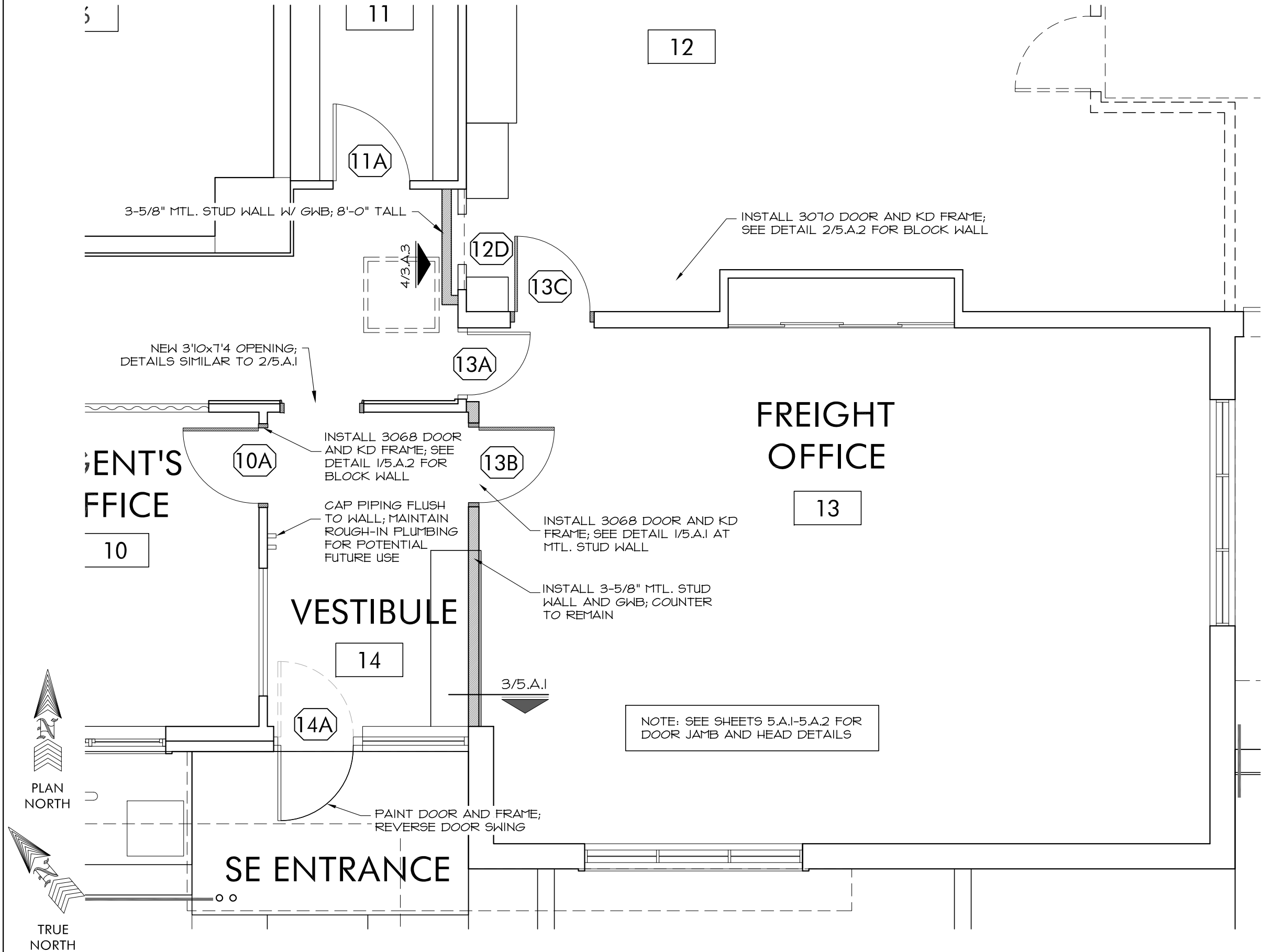
KANSAS DEPARTMENT OF TRANSPORTATION

FLOOR PLAN - VESTIBULES 2 & 3

1.A.8  
Rev #1 - Dec 9, 2016

FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

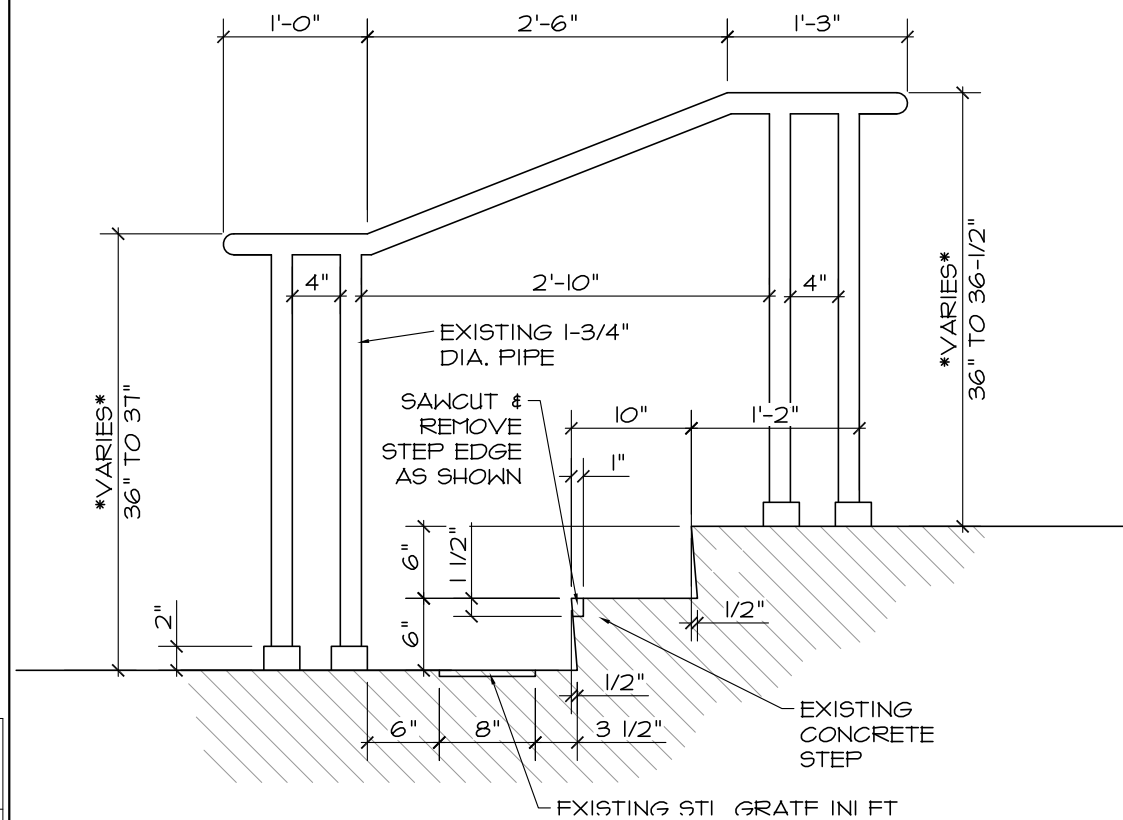
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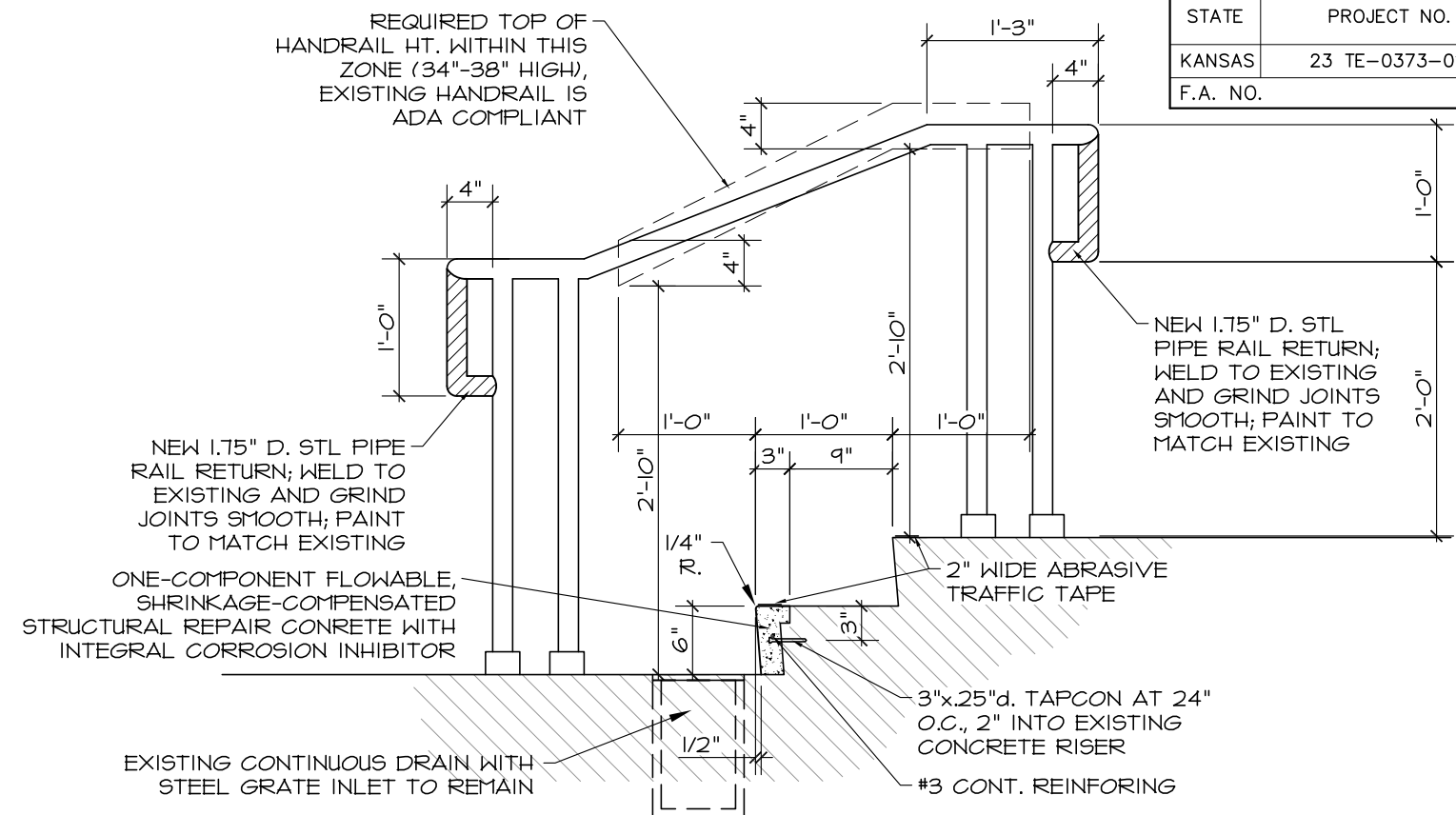
**1 FLOOR PLAN FREIGHT OFFICE & VESTIBULE 14**  
1/4" = 1'-0"

KANSAS DEPARTMENT OF TRANSPORTATION			
FLOOR PLAN—FREIGHT OFFICE, VESTIBULE 14			
1.A.9 Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

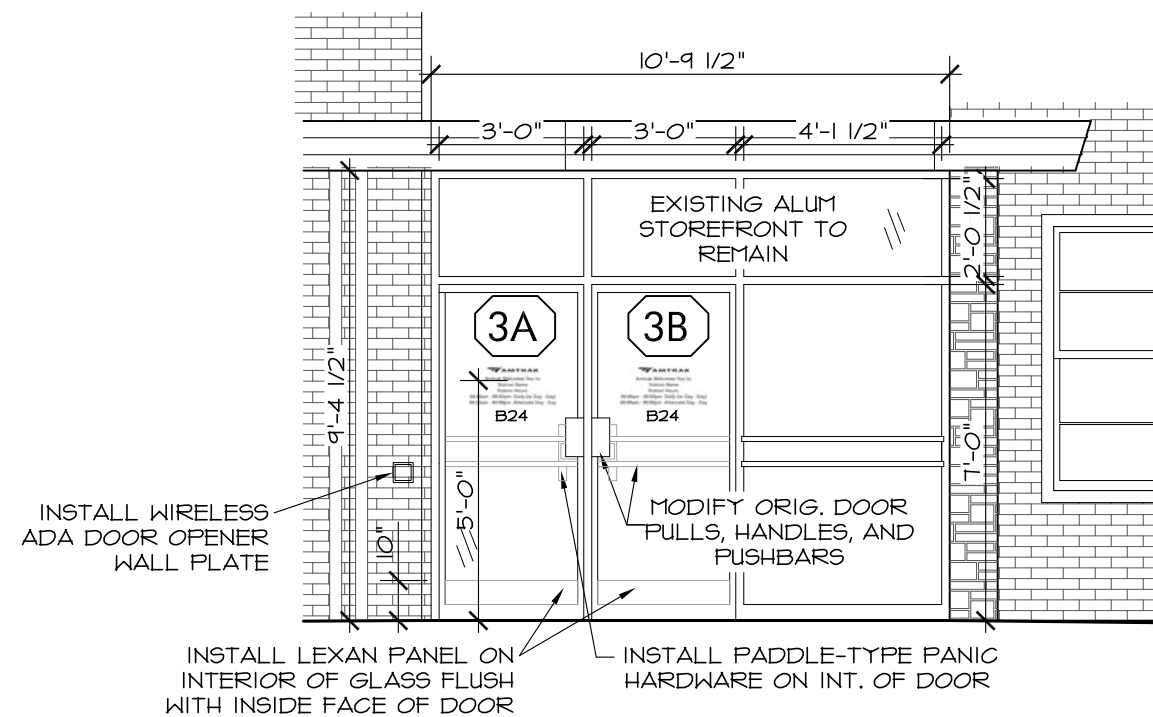
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KANSAS	23 TE-0373-01	2014	23	143
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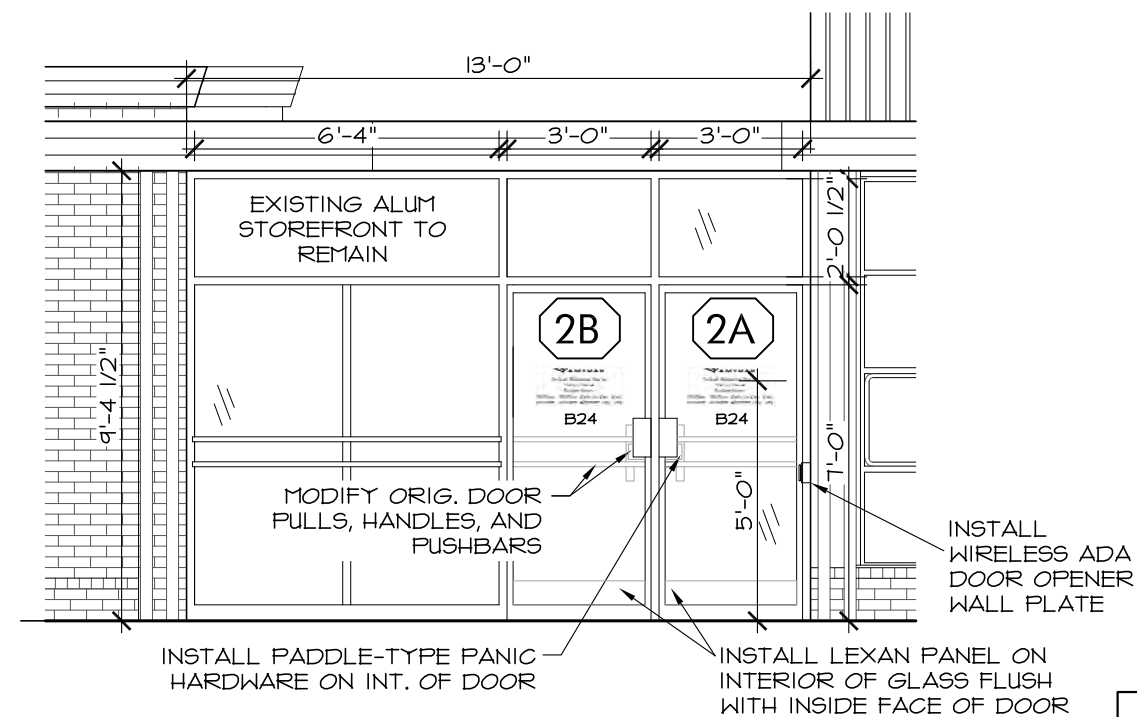
**1** EXIST. TYP. PLATFORM STEP & HANDRAIL  
3/4" = 1'-0"



## 2 PROP. TYP. PLATFORM STEP & HANDRAIL MODIFICATIONS



### 3 SOUTH STOREFRONT



## 4 NORTH STOREFRONT

KANSAS DEPARTMENT OF TRANSPORTATION

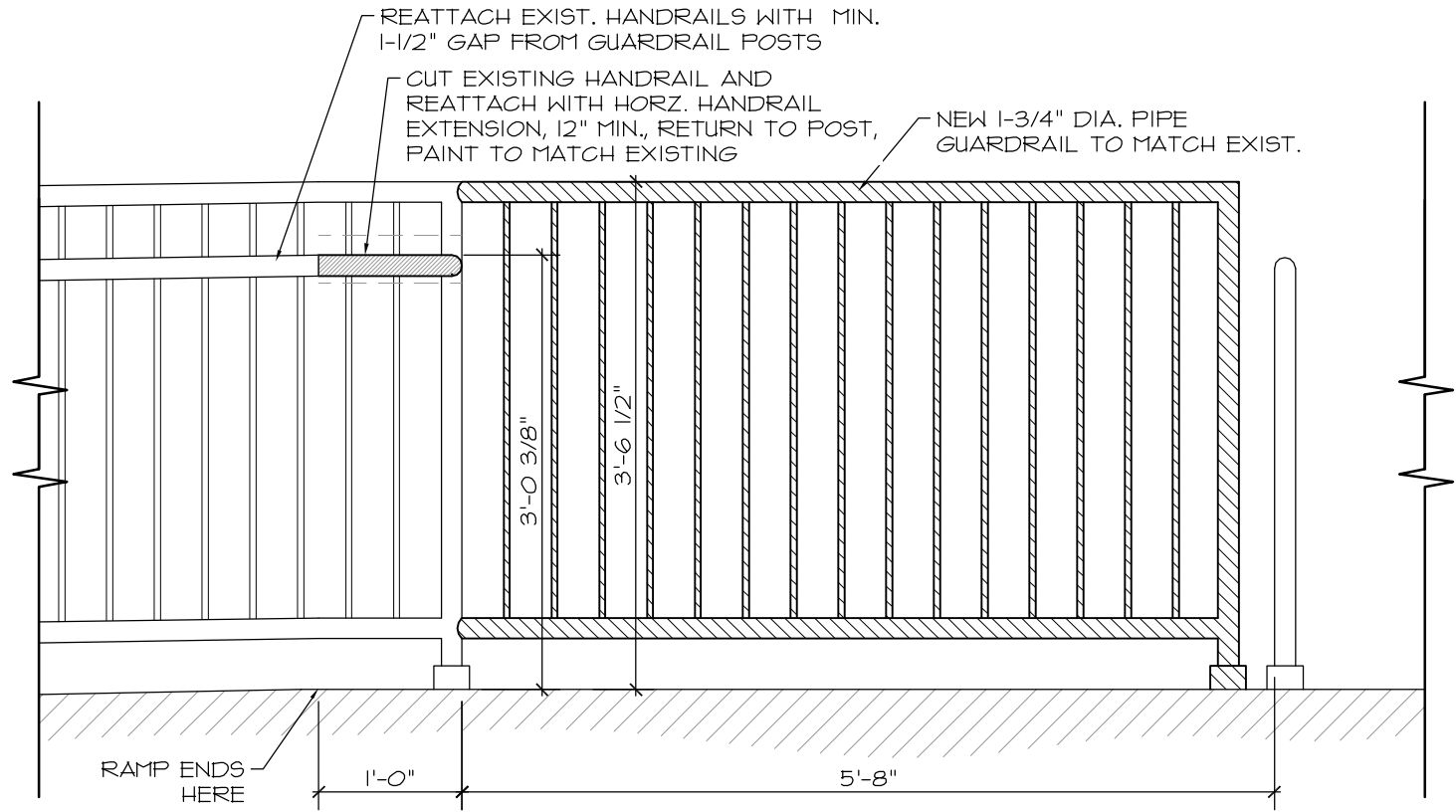
## ELEVATION DETAIL

2.A.0  
Rev #1 - Dec 9, 2016

FHWA APPROVAL XX-XX-XX		APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

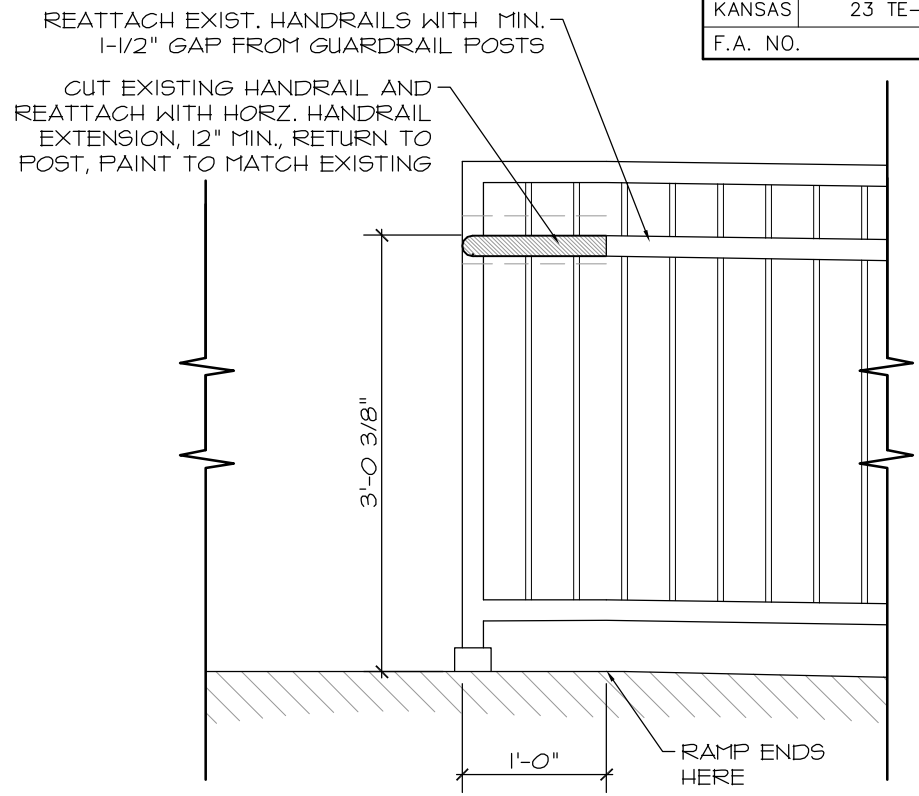
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KANSAS	23 TE-0373-01	2014	24	143
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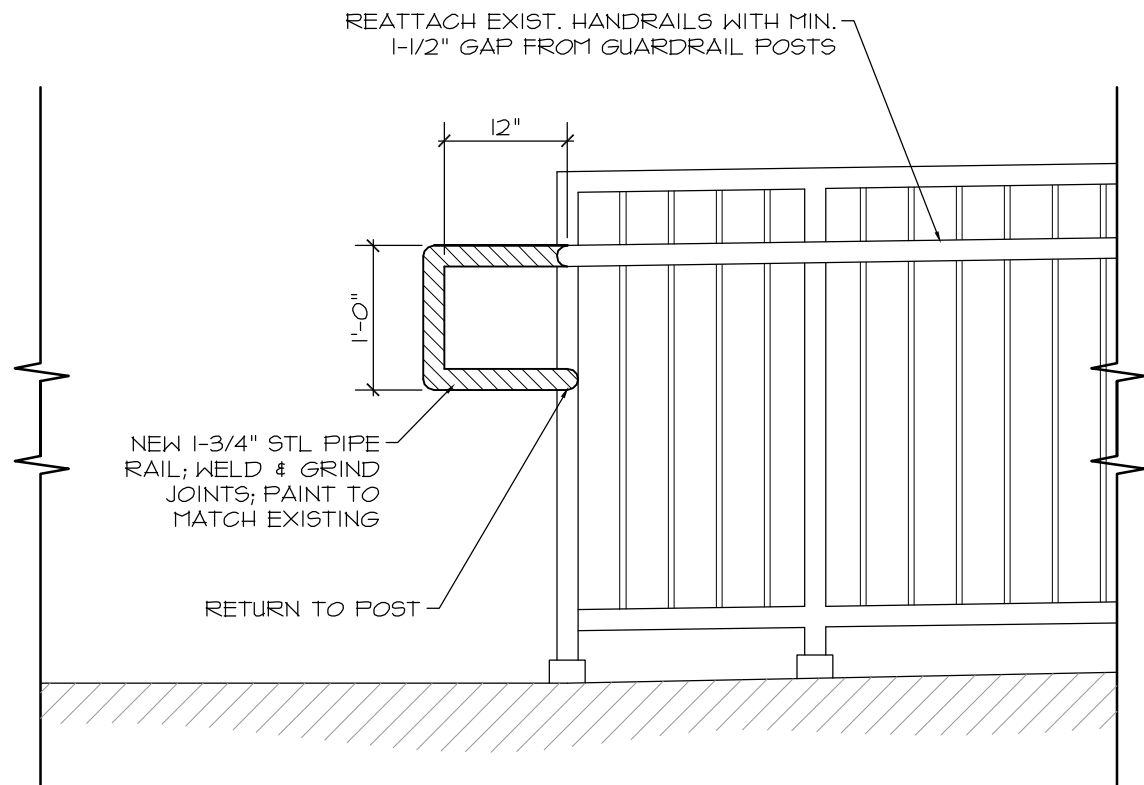
## 1 PROPOSED GUARDRAIL

3/4" = 1'-0"



## 3 PROPOSED HANDRAIL EXTENSION

3/4" = 1'-0"



## 2 PROPOSED HANDRAIL RETURN

3/4" = 1'-0"

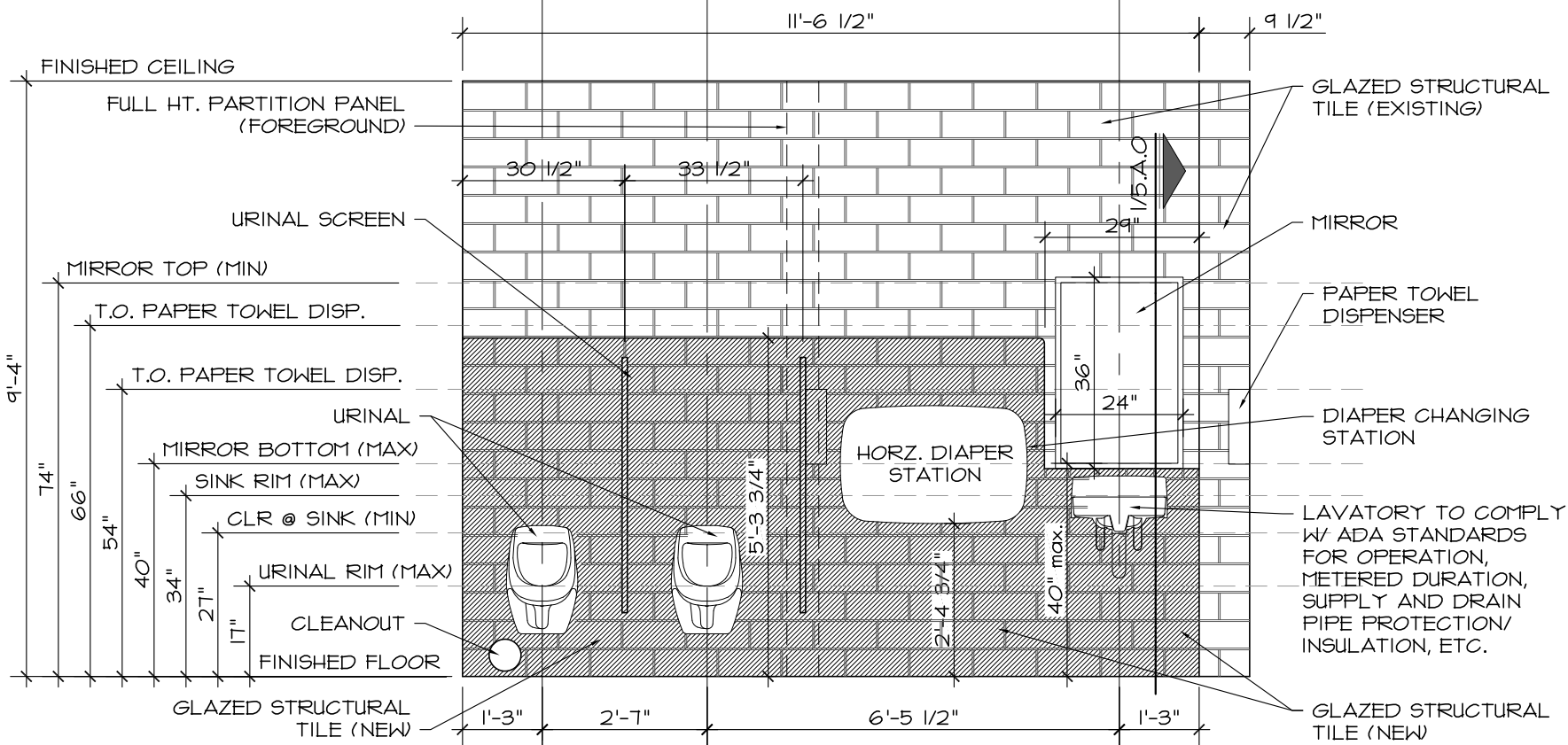
KANSAS DEPARTMENT OF TRANSPORTATION

ELEVATION DETAIL

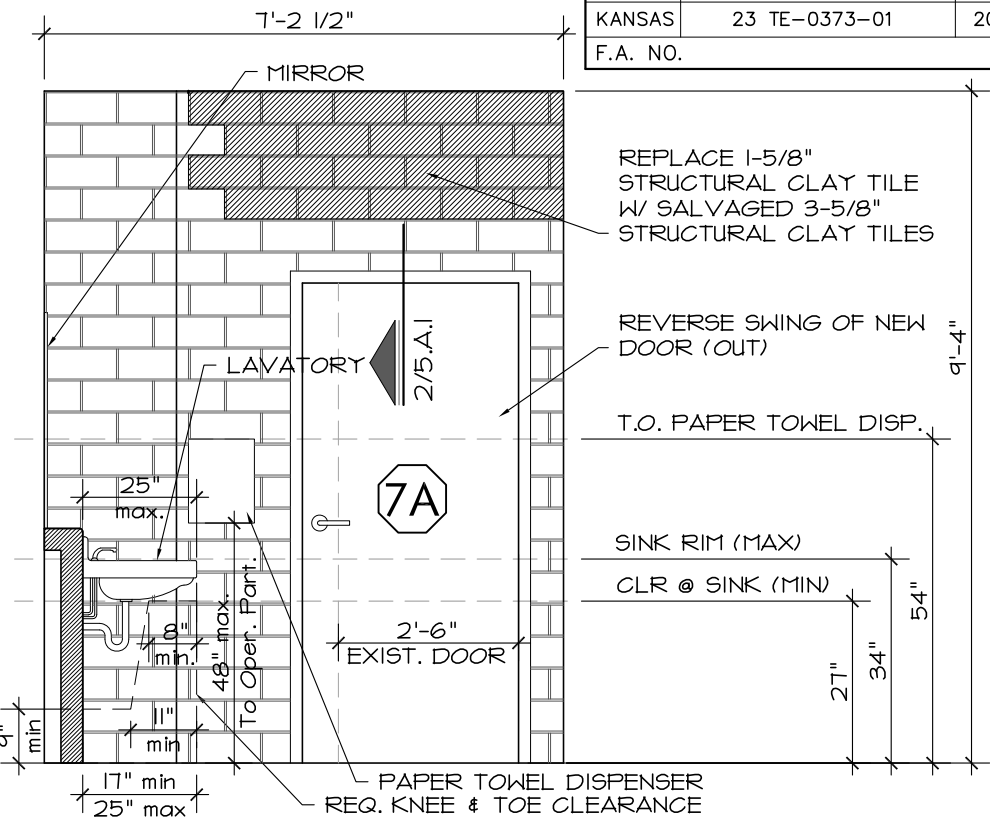
2.A.1  
Rev #1 - Dec 9, 2016

FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

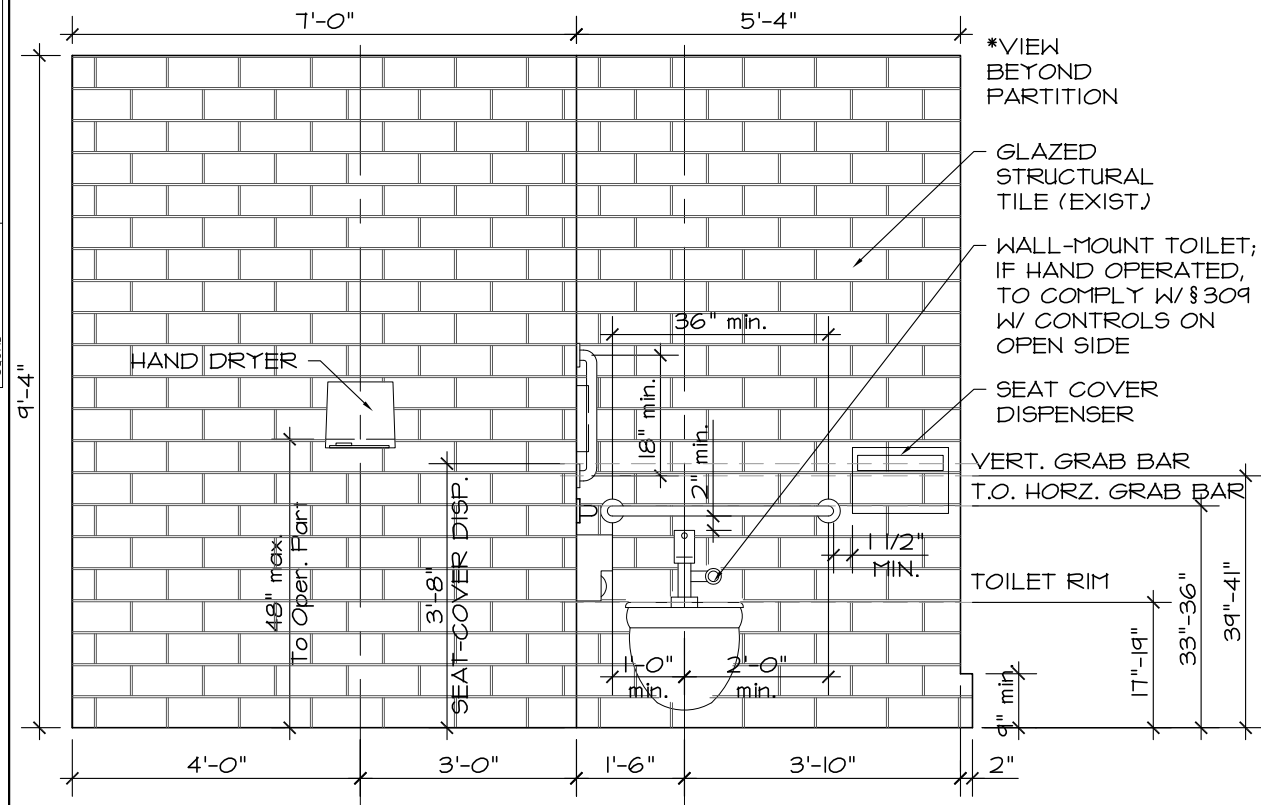
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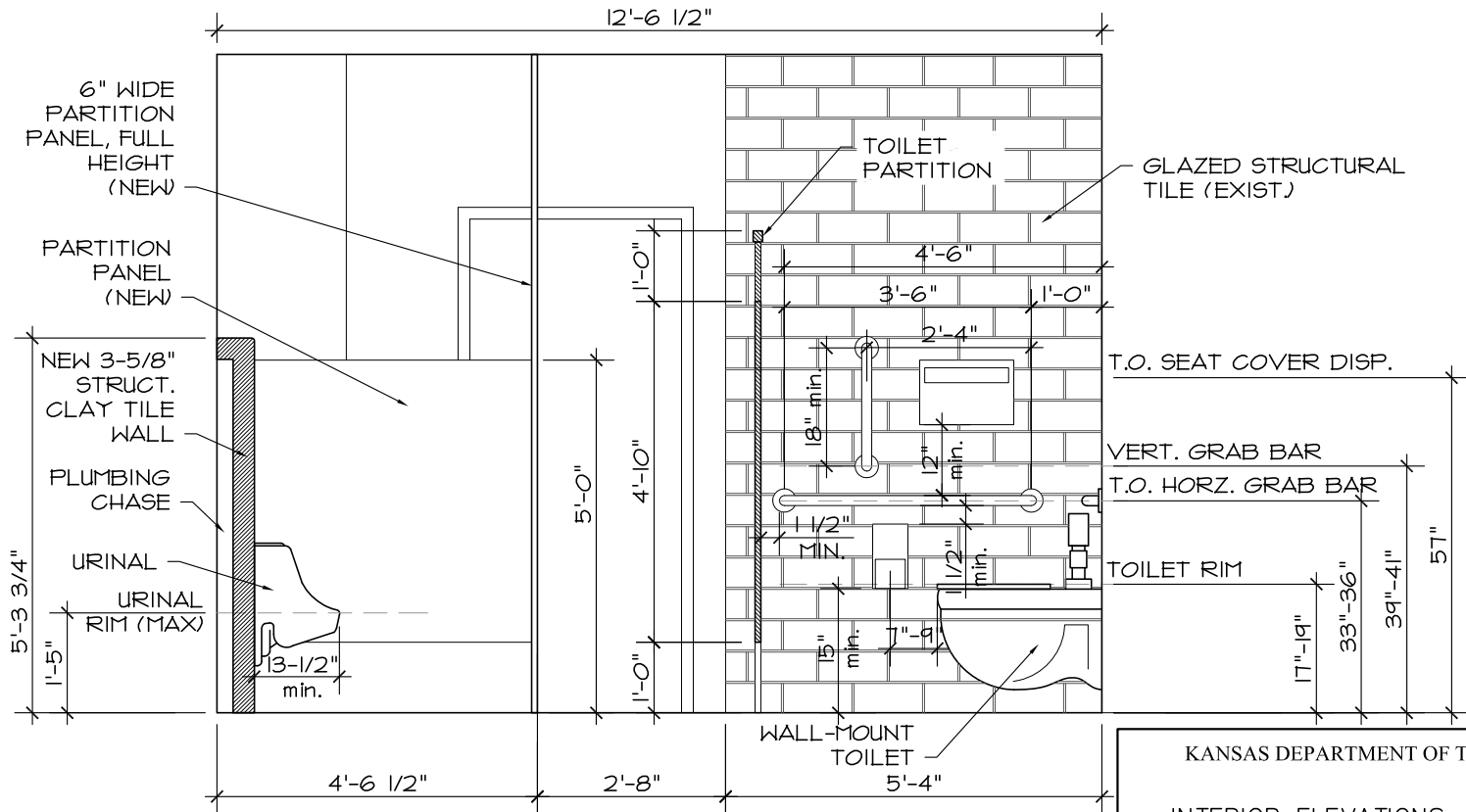
**1 WEST WALL MEN'S BATHROOM**  
3/8" = 1'-0"



**2 NORTH WALL MEN'S BATHROOM**  
3/8" = 1'-0"



**3 EAST WALL MEN'S BATHROOM**  
3/8" = 1'-0"



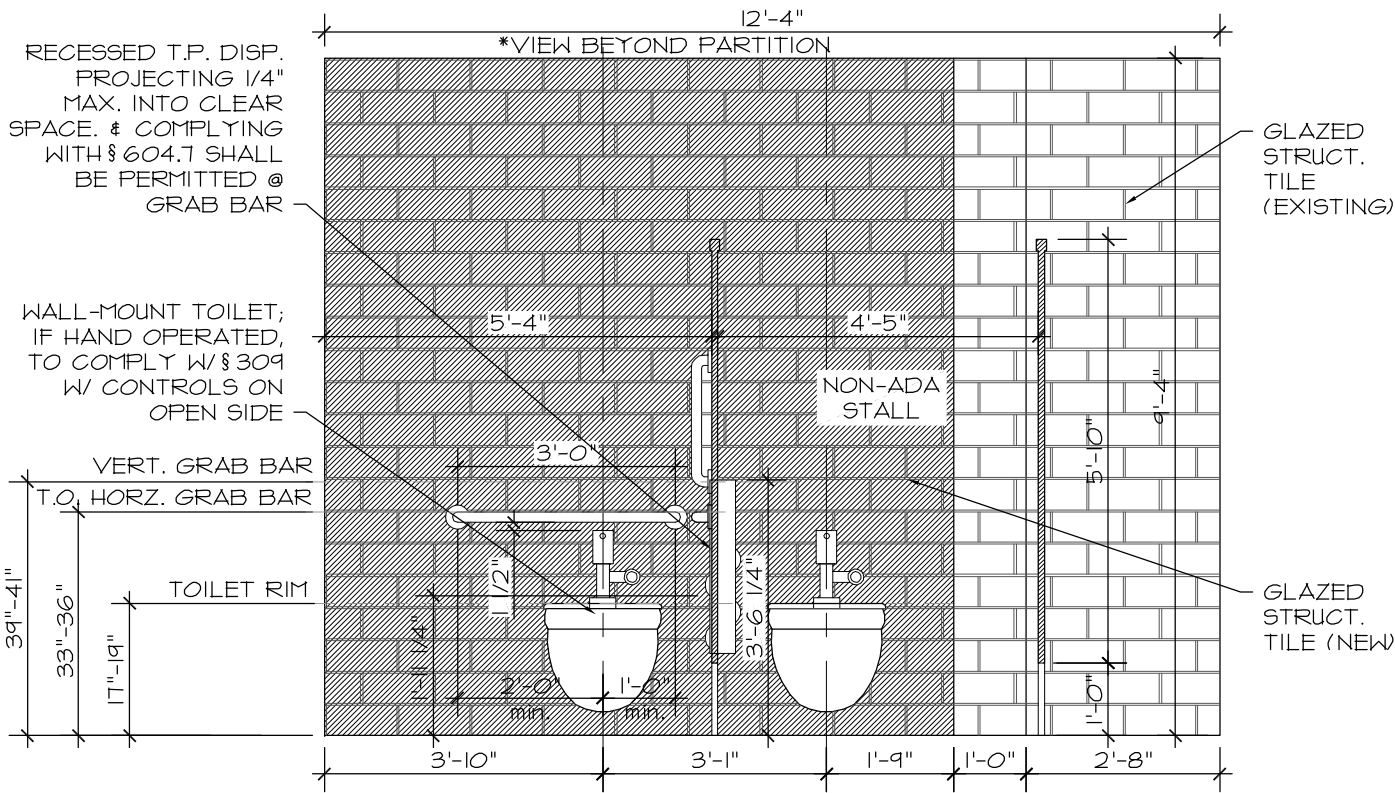
**4 NORTH VIEW MEN'S BATHROOM**  
3/8" = 1'-0"

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	27	143
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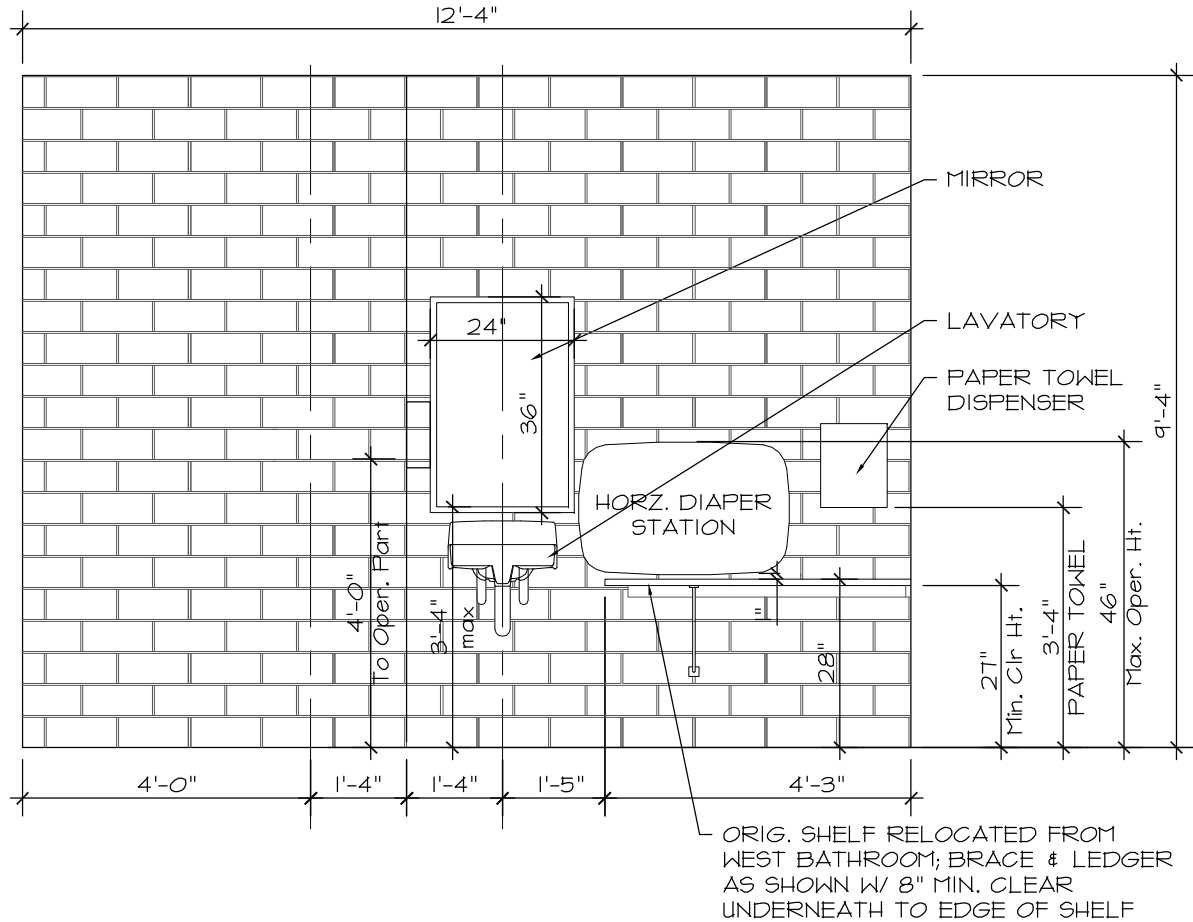
KANSAS DEPARTMENT OF TRANSPORTATION			
INTERIOR ELEVATIONS – BATHROOM 7			
3.A.0			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.



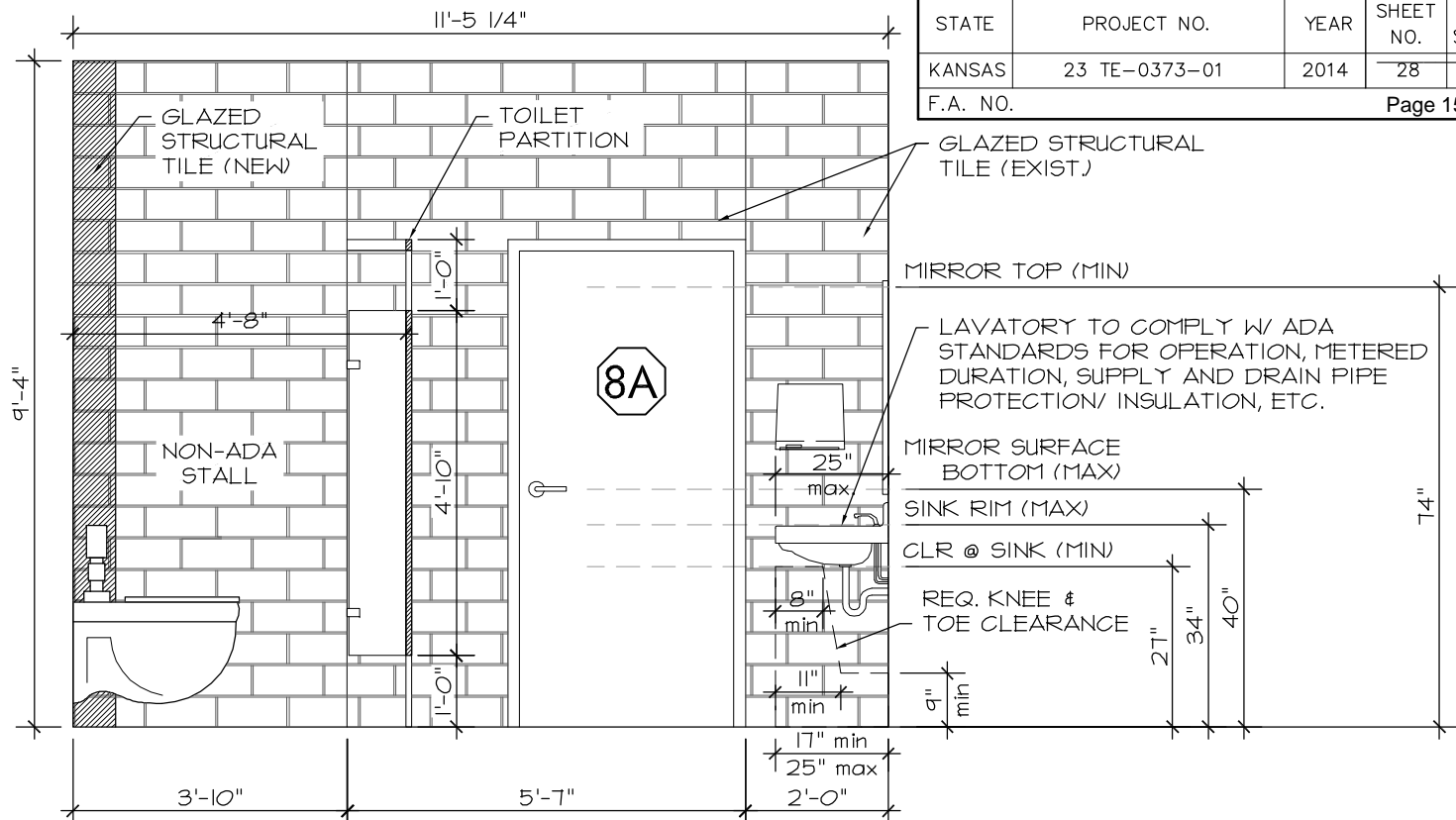
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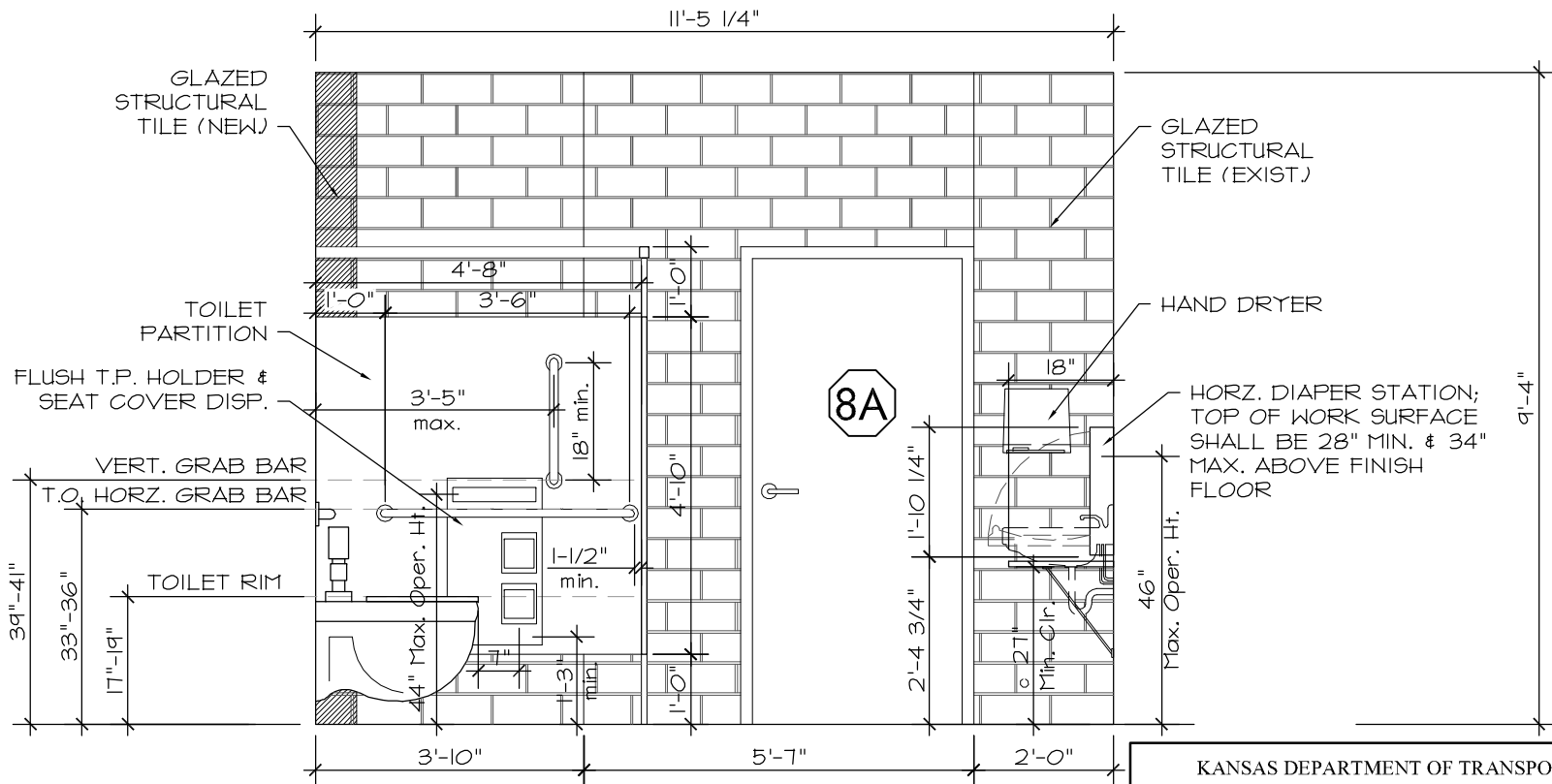
**1 WEST WALL WOMEN'S BATHROOM**  
3/8" = 1'-0"



**3 EAST WALL WOMEN'S BATHROOM**  
3/8" = 1'-0"



**2 NORTH WALL WOMEN'S BATHROOM**  
3/8" = 1'-0"



**4 NORTH VIEW WOMEN'S BATHROOM**  
3/8" = 1'-0"

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	28	143
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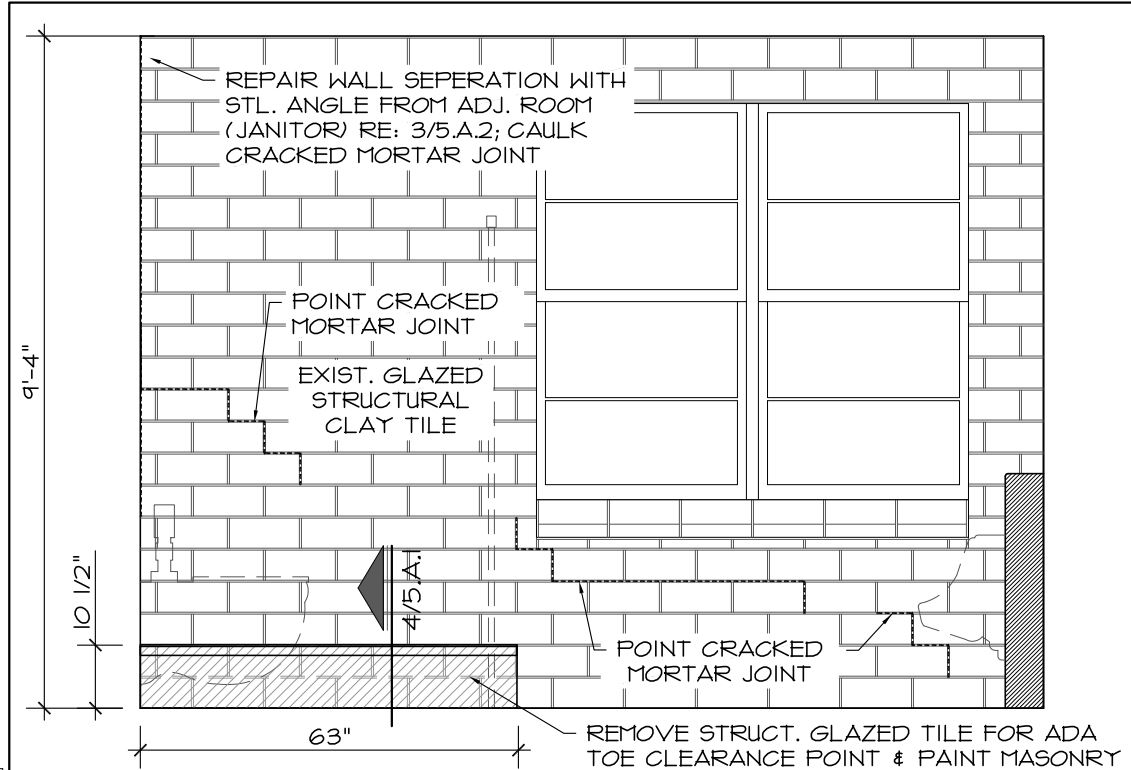
KANSAS DEPARTMENT OF TRANSPORTATION

INTERIOR ELEVATIONS – BATHROOM 8

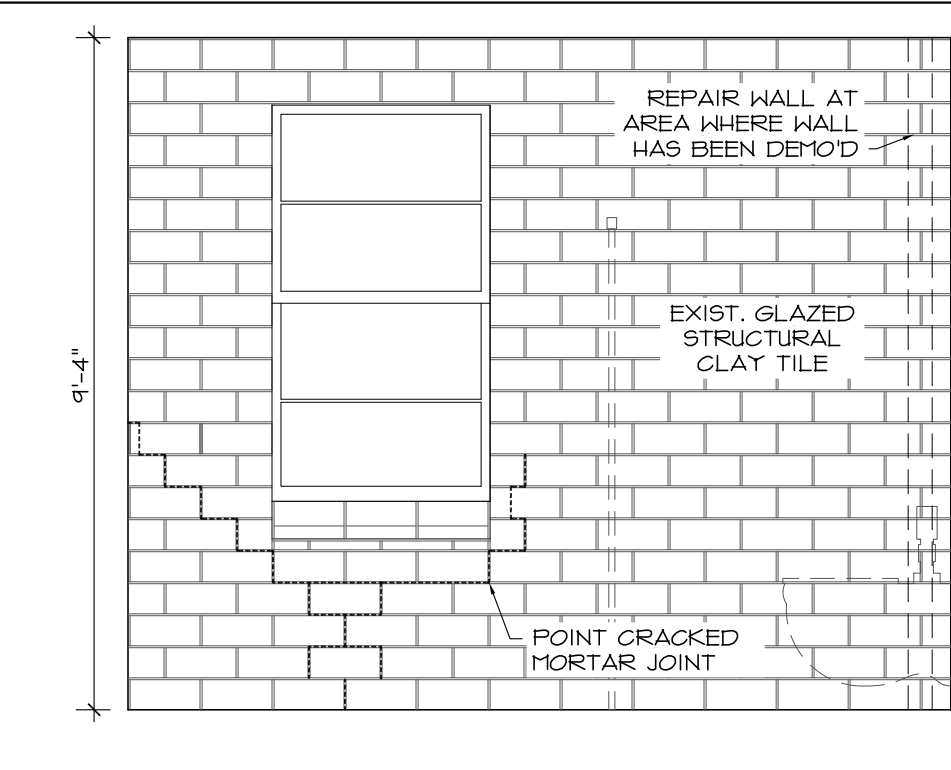
3.A.1  
Rev #1 - Dec 9, 2016

FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

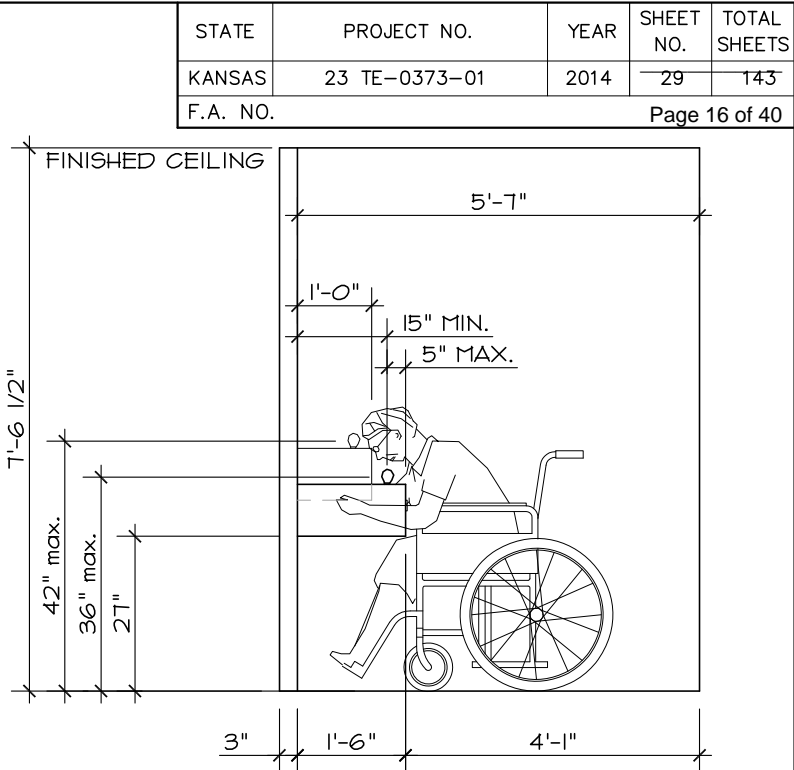
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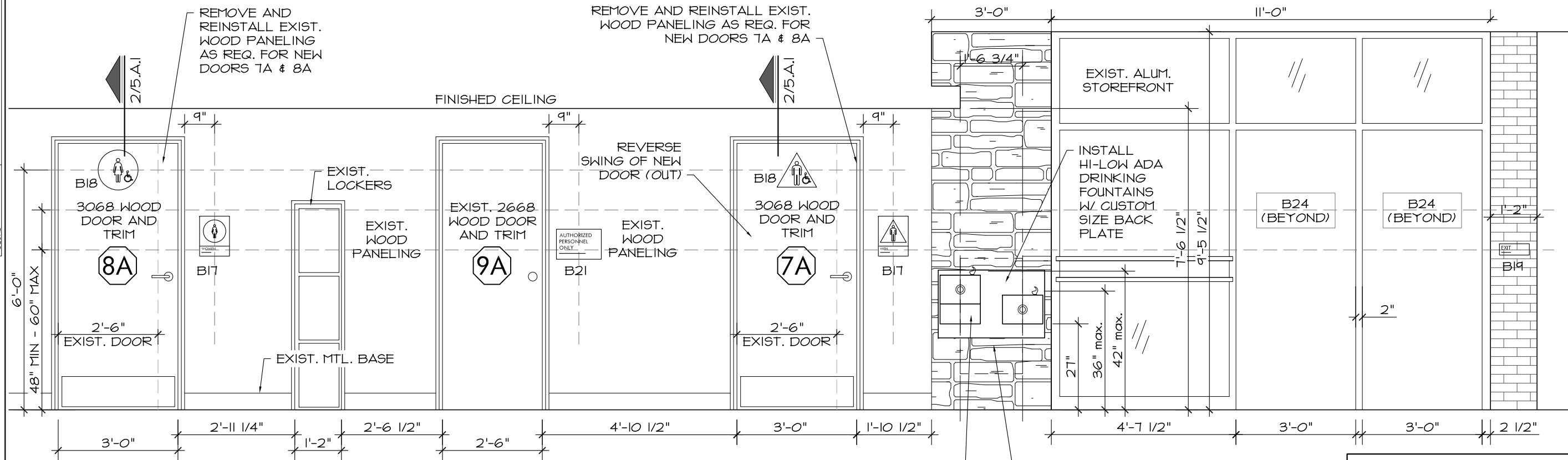
**1 SOUTH WALL MEN'S BATHROOM**  
3/8" = 1'-0"



**2 SOUTH - WOMEN'S RESTROOM**  
3/8" = 1'-0"



**3 DRINKING FOUNTAIN**  
3/8" = 1'-0"



\*NOTE\* SEE SHEET 3.A.4 & 3.A.5 FOR COMPLIANT AMTRAK SIGNAGE DETAILS; SEE AMTRAK SIGNAGE MANUAL FOR MORE INFORMATION

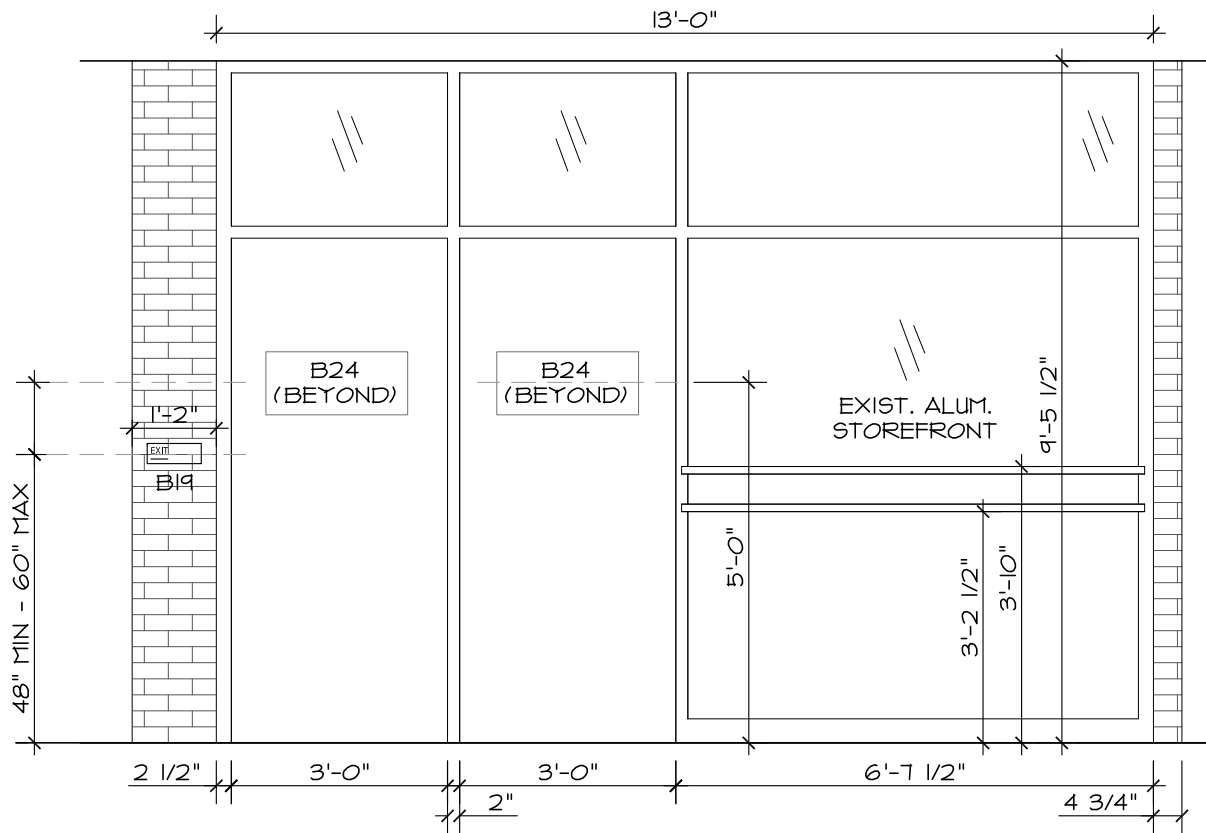
**4 SOUTH WALL PASSAGE AND SOUTH ENTRY**  
3/8" = 1'-0"

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	29	143
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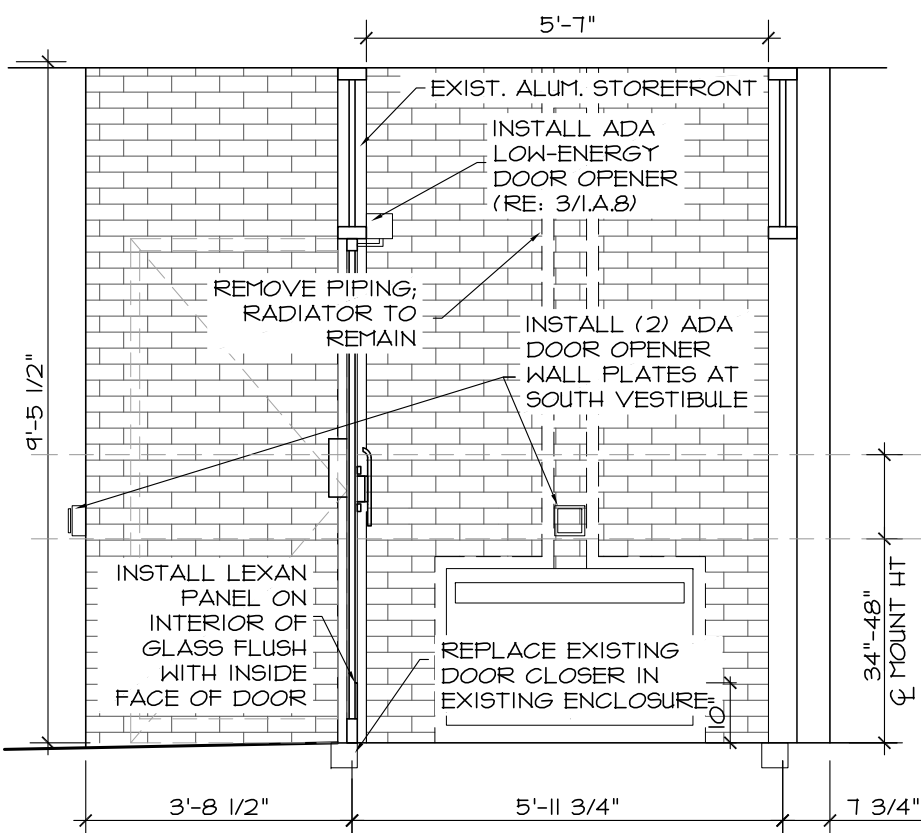
KANSAS DEPARTMENT OF TRANSPORTATION			
INTERIOR ELEVATIONS & FOUNTAIN DETAIL			
3.A.2			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

DATE	
BY	
SURVEYED	
PLOTTED	
INKED	
DESIGNED	
SQUAD	

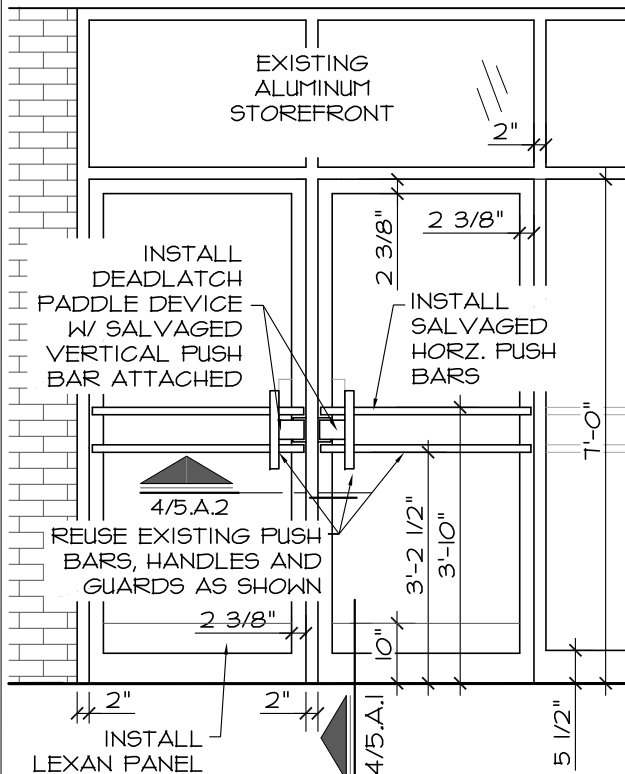
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	30	143
F.A. NO.	Page 17 of 40			



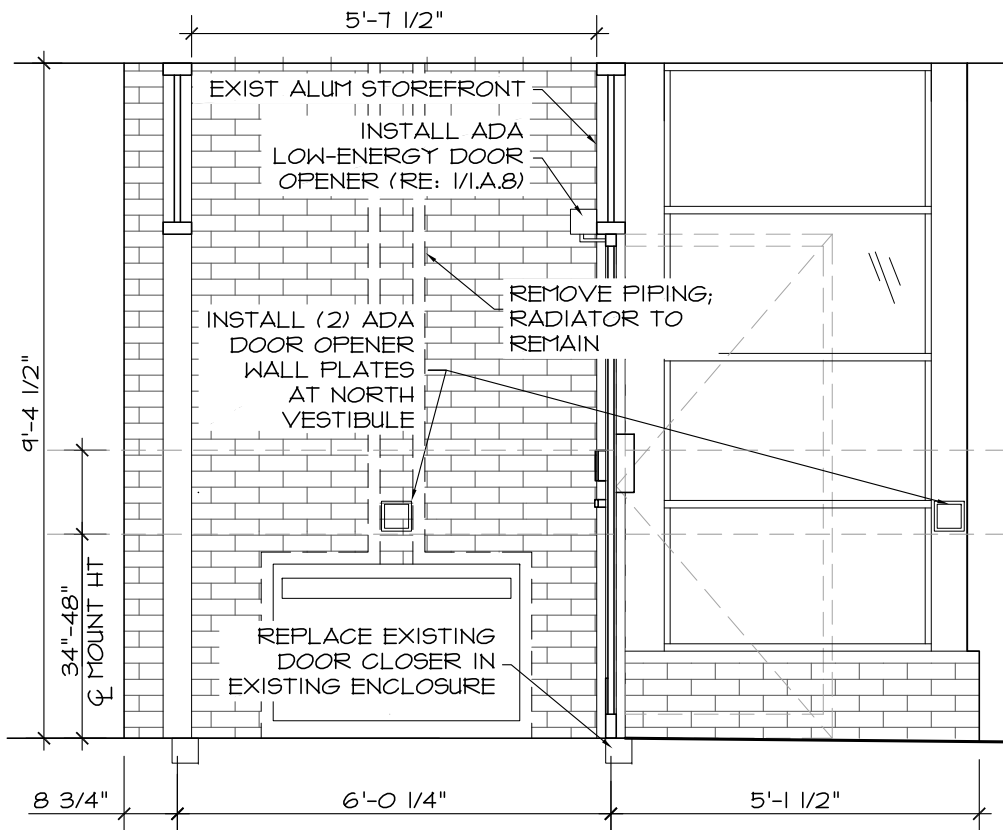
**1 NORTH ENTRY**  
3/8" = 1'-0"



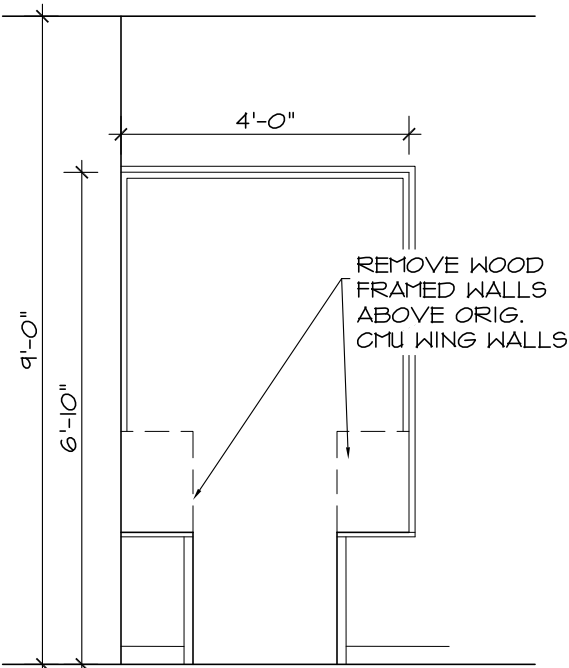
**2 WEST WALL SOUTH VESTIBULE**  
3/8" = 1'-0"



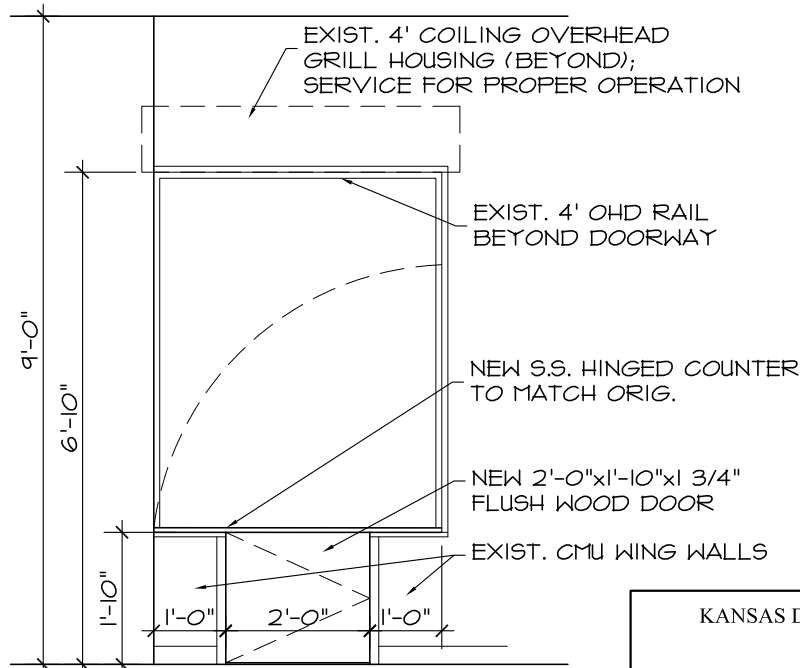
**5 PANIC HARDWARE**  
3/8" = 1'-0"



**3 WEST WALL NORTH VESTIBULE**  
3/8" = 1'-0"



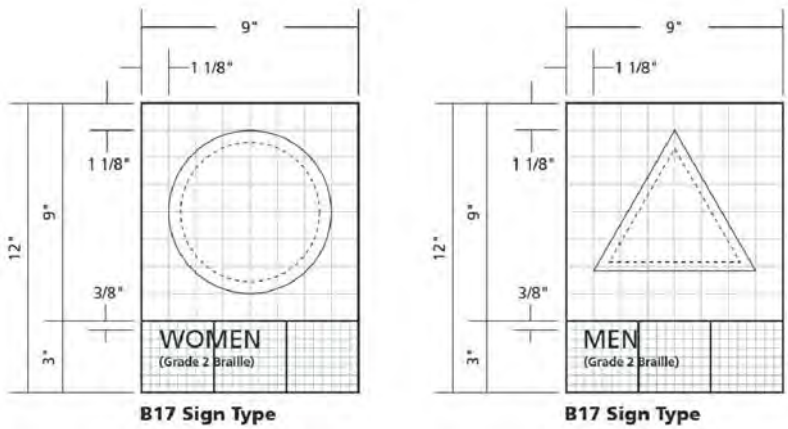
**4 WEST SIDE - DOOR 12D DEMO & PROP.**  
3/8" = 1'-0"



**(NIC)**

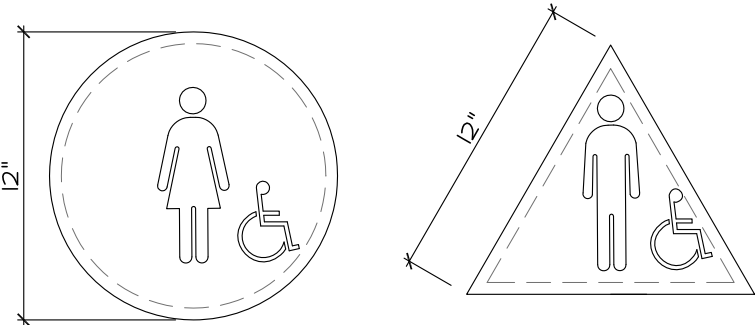
KANSAS DEPARTMENT OF TRANSPORTATION			
INTERIOR ELEVATIONS & DOOR 12D DETAIL			
3.A.3 Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

DATE					
BY					
SURVEYED					
PLOTTED					
INKED					
DESIGNED					
SQA/QA					



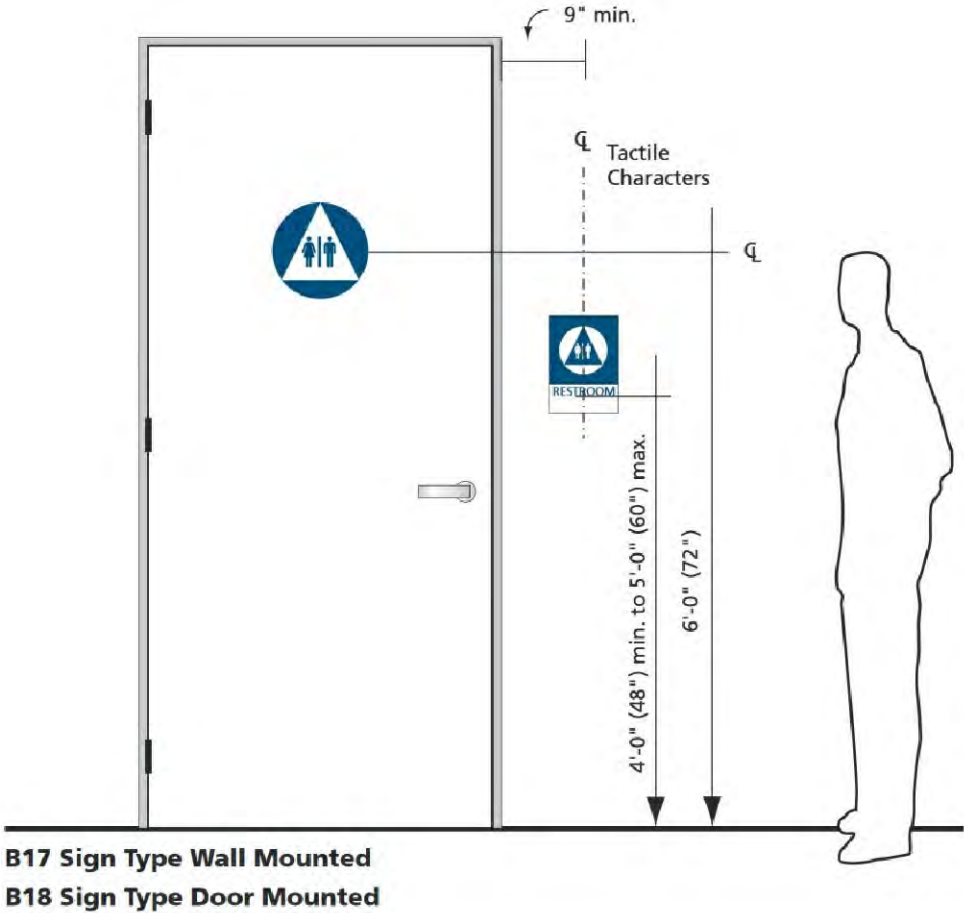
## 1 SIGN B17 DETAILS

1-1/2" = 1'-0"



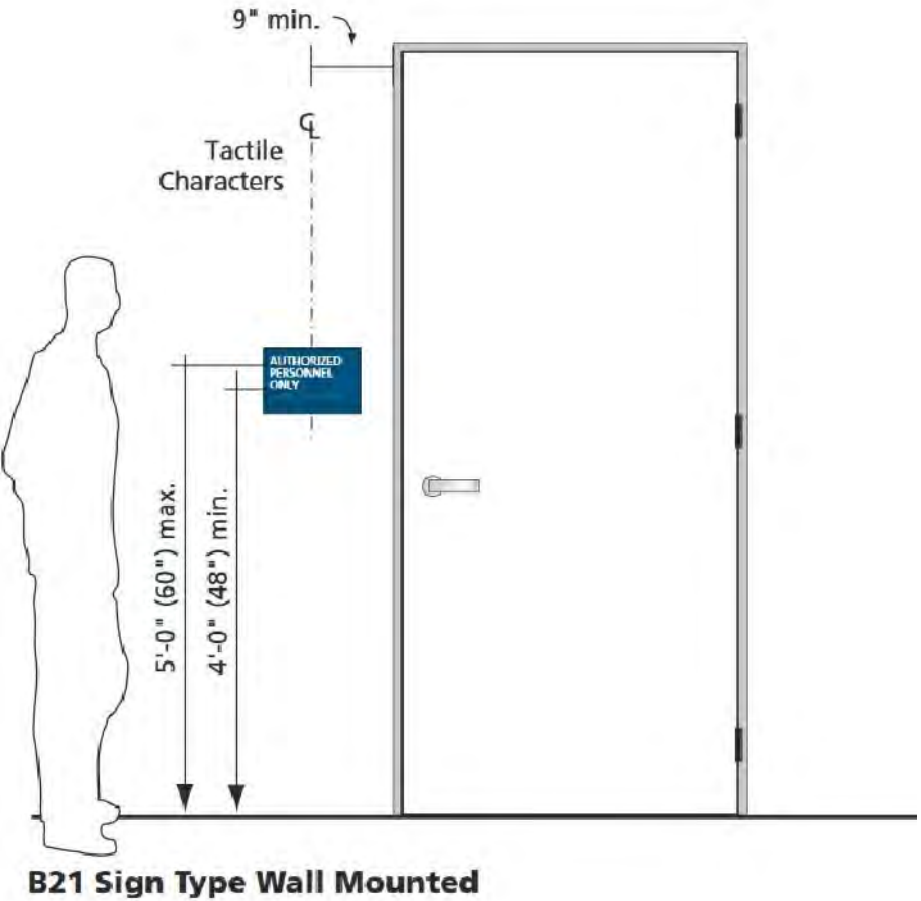
## 2 SIGN B18 DETAILS

1-1/2" = 1'-0"



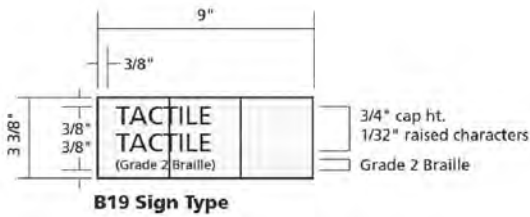
## 3 SIGN B17 & B18 MOUNTING HTS

1/2" = 1'-0"



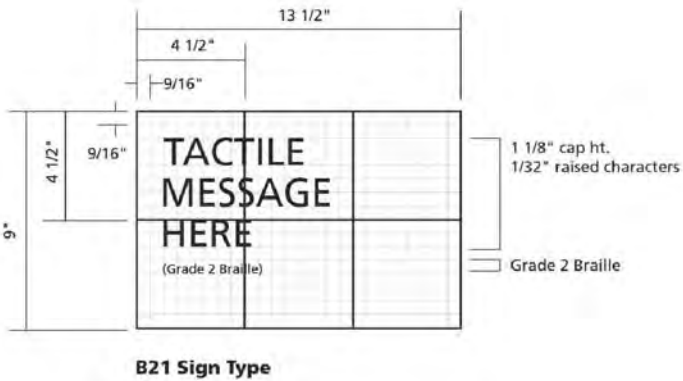
## 4 SIGN B19 & B21 MOUNTING HTS

1/2" = 1'-0"



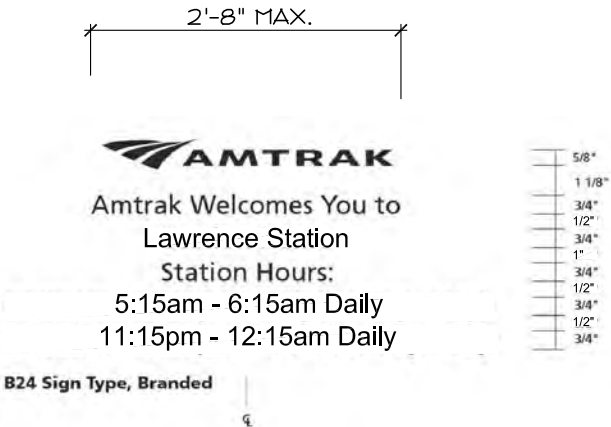
## 5 SIGN B19 DETAIL

1-1/2" = 1'-0"



## 6 SIGN B21 DETAIL

1-1/2" = 1'-0"



## 7 SIGN B24 DETAIL

1-1/2" = 1'-0"

NOTE: APPLY VINYL LETTERING TO EXTERIOR SIDE OF GLAZING

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KANSAS	23 TE-0373-01	2014	30	143
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KANSAS DEPARTMENT OF TRANSPORTATION

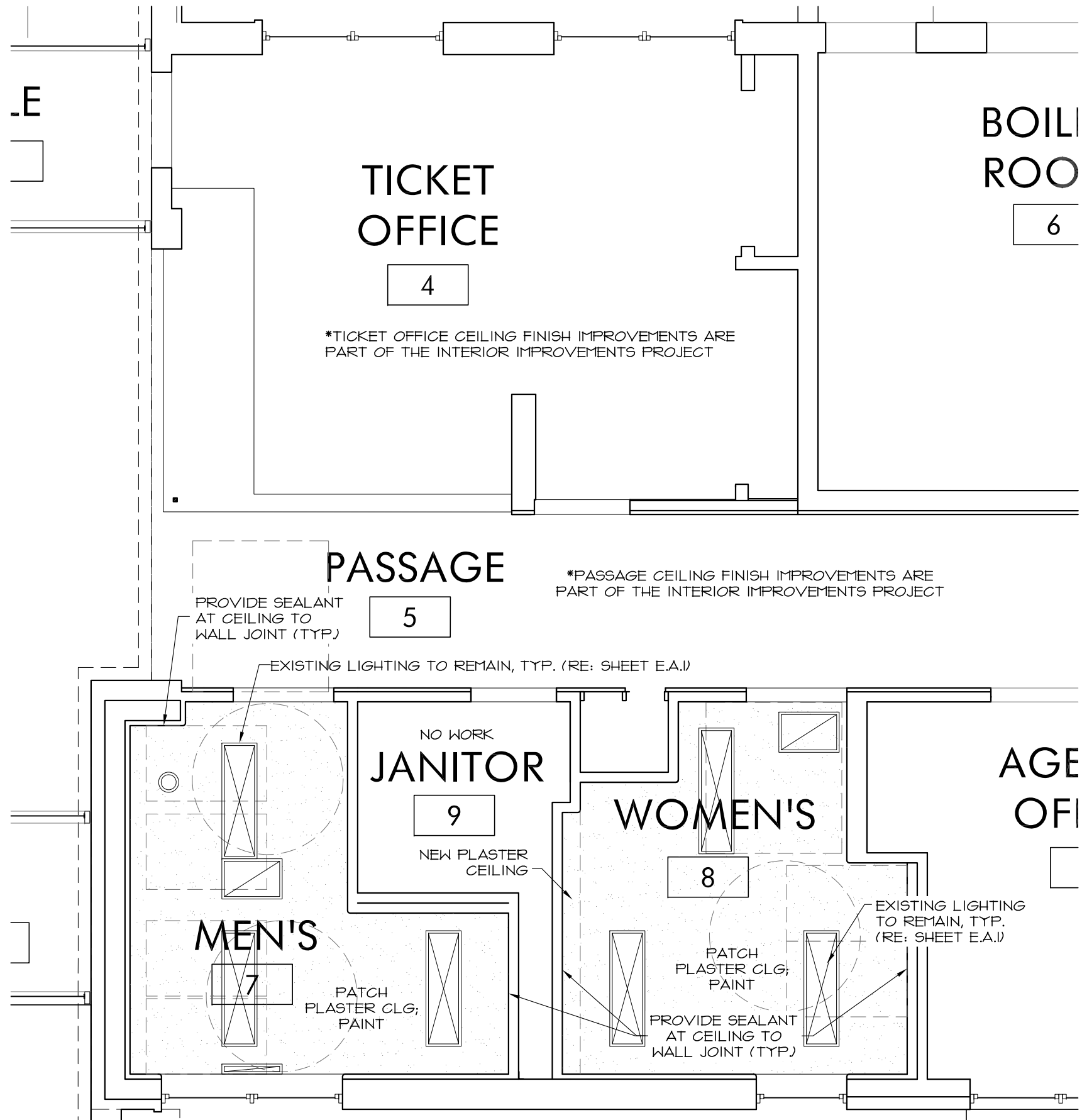
SIGNAGE DETAILS

3.A.4  
Rev #1 - Dec 9, 2016

FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.







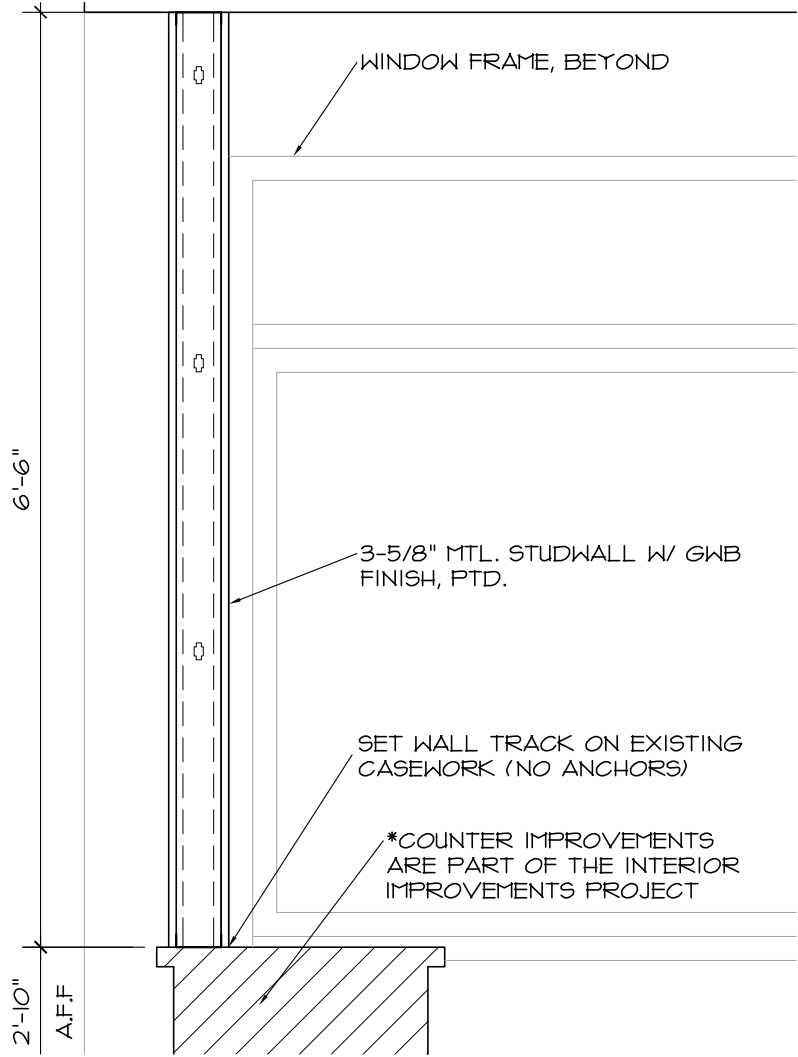
DATE	BY	SURVEYED	PLOTTED	INKED	DESIGNED	SQUAD

KANSAS DEPARTMENT OF TRANSPORTATION			
REFLECTED CEILING PLAN – BATHROOMS			
4.A.0			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

**1 REFLECTED CEILING PLAN - BATHROOM 7 & BATHROOM 8**  
1/4" = 1'-0"



DATE	BY	SURVEYED	PLOTTED	INKED	DESIGNED	SQUAD



3 WALL SECTION  
3/4" = 1'-0"

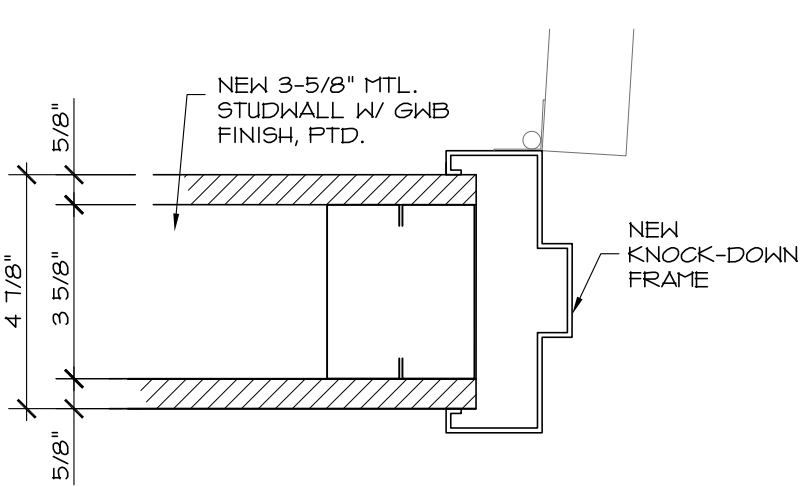
INSTALL LEXAN KICKPLATE PANEL ON INTERIOR OF GLASS FLUSH WITH INSIDE FACE OF OPERABLE DOORS, TYP.

EXISTING ALUMINUM STOREFRONT DOOR LEAF

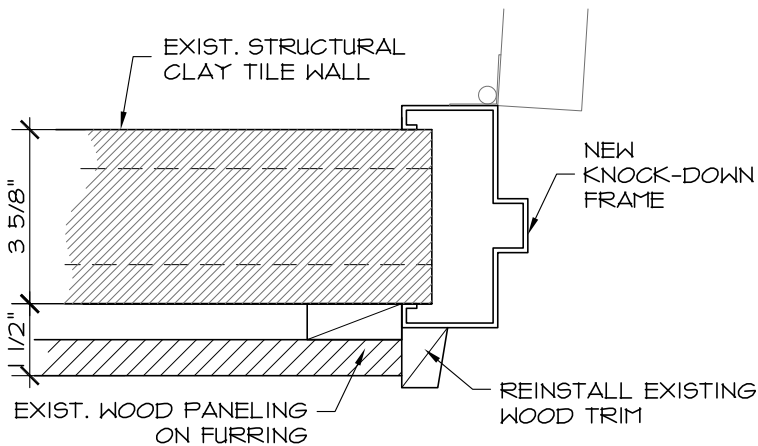
EXISTING ALUMINUM THRESHOLD

EXISTING TERRAZZO FLOORING

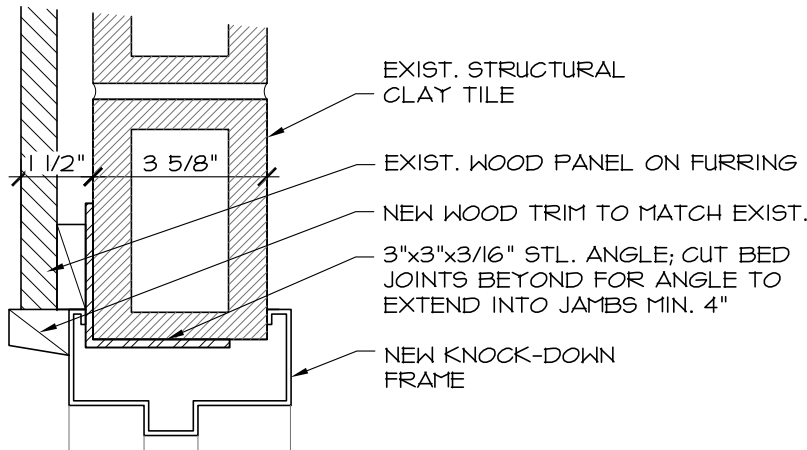
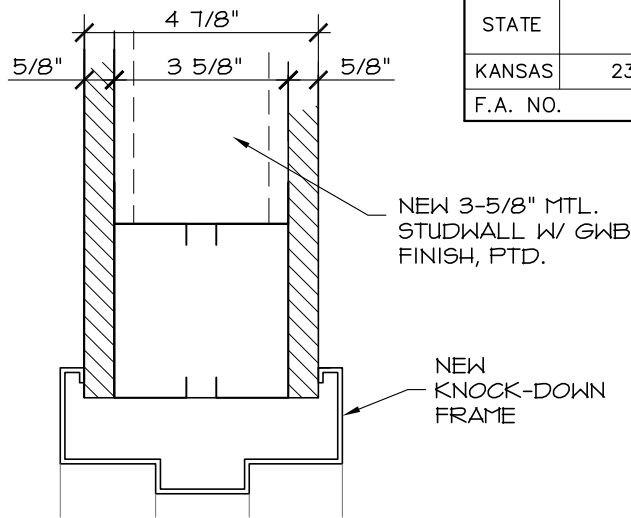
4 KICKPLATE DETAIL  
3" = 1'-0"



1 TYP K.D. JAMB AND HEAD DETAILS  
3/4" = 1'-0" TYP. AT STUDWALL



2 TYP K.D. JAMB AND HEAD DETAILS  
3/4" = 1'-0" TYP. AT TILE WALL



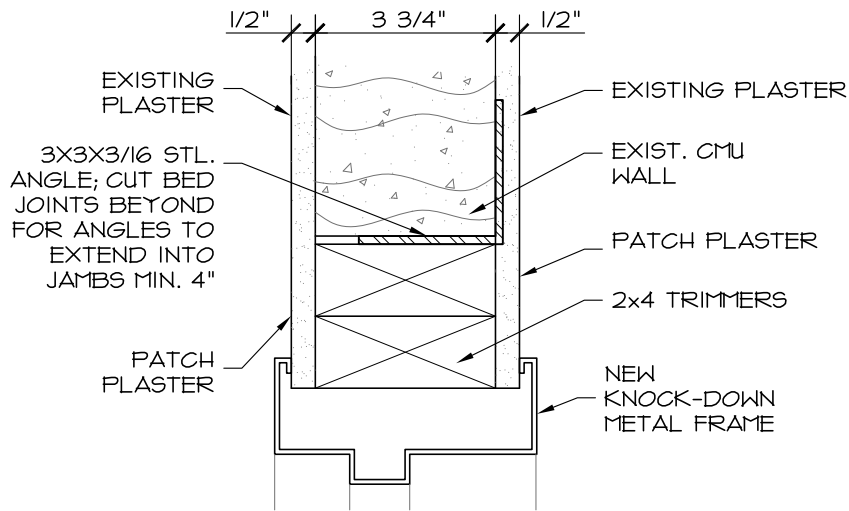
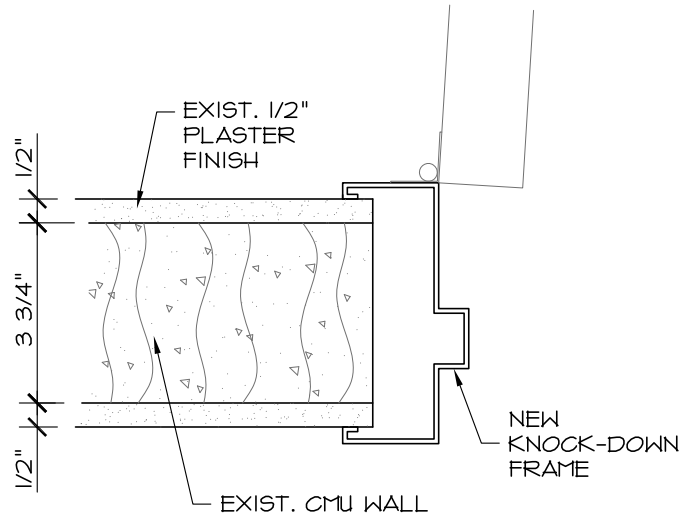
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	38	143
F.A. NO.			Page 22 of 40	

KANSAS DEPARTMENT OF TRANSPORTATION  
SECTION, JAMB, HEAD & CONC. DETAILS

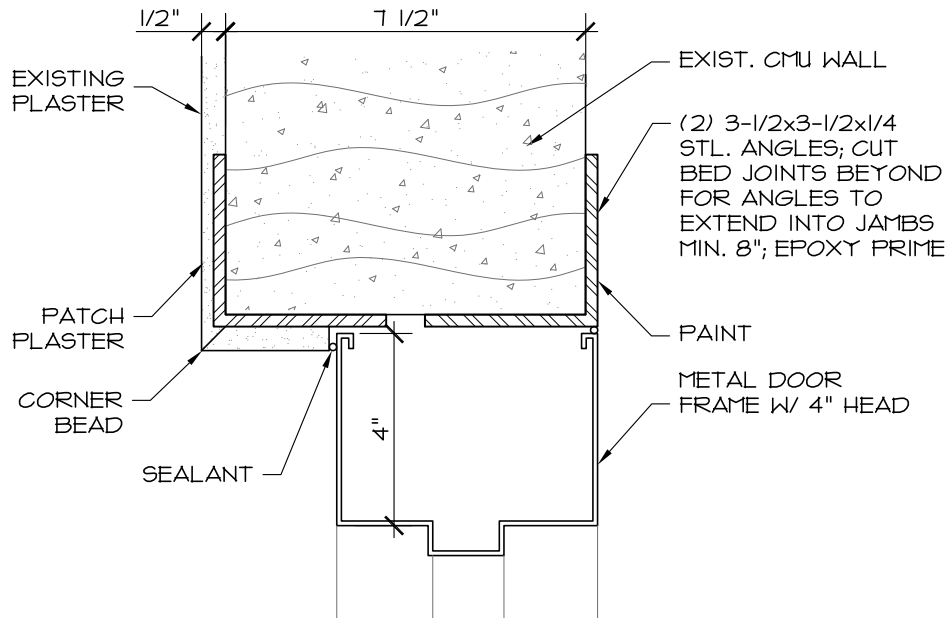
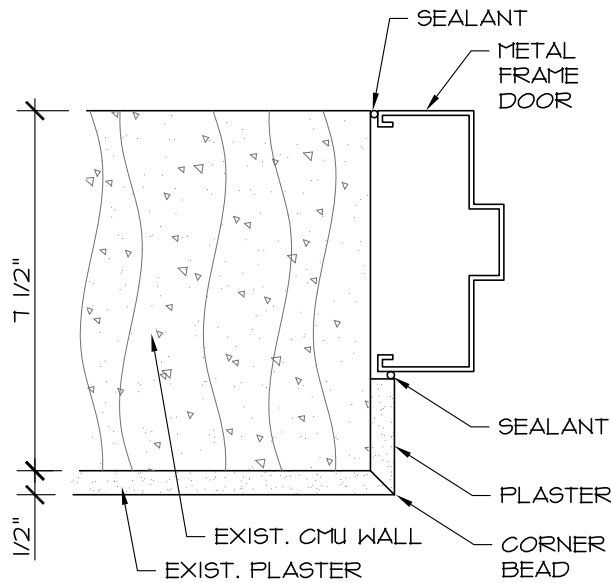
5.A.1  
Rev #1 - Dec 9, 2016

FHWA APPROVAL	XX-XX-XX	APP'D	XXX
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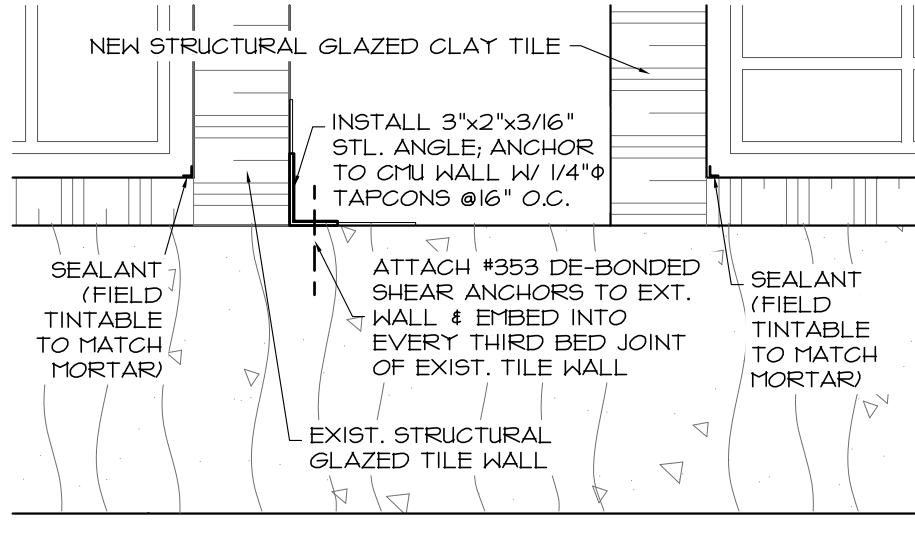
DATE					
BY					
SURVEYED					
PLOTTED					
INKED					
DESIGNED					
SQUAD					



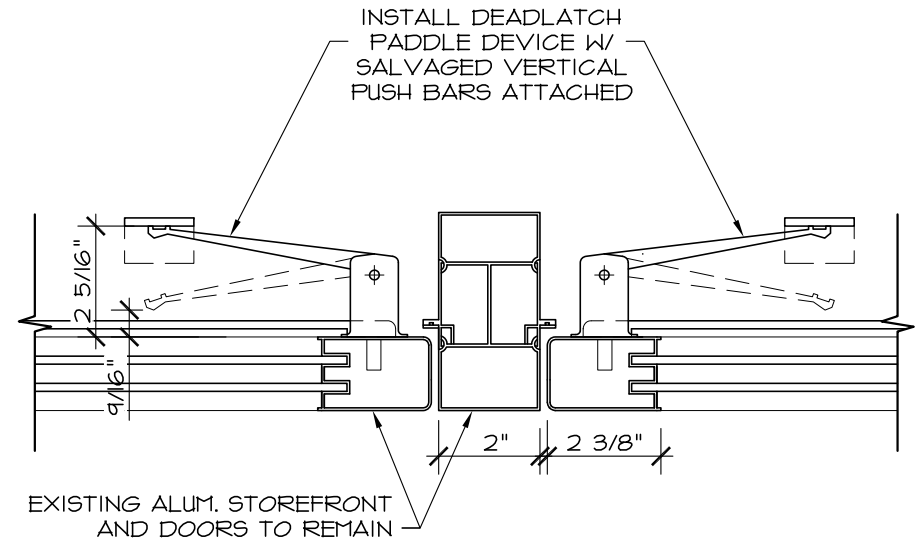
**1 JAMB AND HEAD DETAILS**  
 3" = 1'-0" TYP. AT 3 3/4" BLOCK WALL



**2 TYP. K.D. JAMB AND HEAD DETAILS**  
 3" = 1'-0" TYP. AT 7 1/2" BLOCK WALL



**3 WALL SUPPORT DETAIL**  
 1-1/2" = 1'-0"



**4 PANIC HARDWARE DETAIL**  
 1-1/2" = 1'-0"

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	39	143
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KANSAS DEPARTMENT OF TRANSPORTATION			
JAMB, HEAD, WALL SUPPORT, PANIC DETAILS			
5.A.2			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

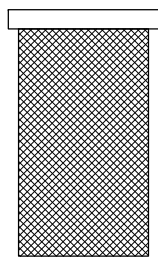
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BY					
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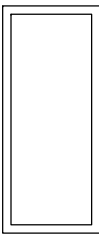
Ⓐ  
HOLLOW METAL



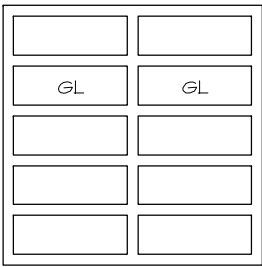
Ⓑ  
WOOD



Ⓒ  
COILING  
OVERHEAD GRILLE



Ⓓ  
ALUMINUM



Ⓔ  
OVERHEAD DOOR



①  
HOLLOW METAL



②  
KNOCK DOWN FRAME



③  
WOOD FRAME



④  
ALUMINUM

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	55	145
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# DOOR & FRAME TYPES - ACCESSIBILITY PROJECT

DOOR							FRAME				HARDWARE												
DR #	NOTE	SIZE (W x H)		TYPE	MAT.	FINISH		TYPE	MAT.	FINISH	HINGES	LOCKSET	BOLTS	PUSH	PULL	CLOSER	OPERATOR	DOOR HOLDER	KICKPLATE	THRESHOLD	WEATHERSTRIP	SIGNAGE	REMARKS
2A	1	3'-0" x 7'-0"	EXIST	D	AL	CLR	EXIST	4	AL	CLR	E			PI	P2		OI	DI		E	N		
2B	1	3'-0" x 7'-0"	EXIST	D	AL	CLR	EXIST	4	AL	CLR	E			PI	P2	CI				E	N		
2C	1, 5	3'-0" x 7'-0"	EXIST	D	AL	CLR	EXIST	4	AL	CLR										TI			
2D	1, 5	3'-0" x 7'-0"	EXIST	D	AL	CLR	EXIST	4	AL	CLR										TI			
3A	1	3'-0" x 7'-0"	EXIST	D	AL	CLR	EXIST	4	AL	CLR	H2			PI	P2		OI	D2		TI	N		
3B	1	3'-0" x 7'-0"	EXIST	D	AL	CLR	EXIST	4	AL	CLR	H2			PI	P2	CI				TI	N		
3C	1, 5	3'-0" x 7'-0"	EXIST	D	AL	CLR	EXIST	4	AL	CLR										TI			
3D	1, 5	3'-0" x 7'-0"	EXIST	D	AL	CLR	EXIST	4	AL	CLR										TI			
4A	3	2'-10" x 6'-8"	EXIST	B	WD	REFINISH	EXIST	3	WD	PAINT	E	LI											R1
4B	3	2'-10" x 6'-8"	EXIST	B	WD	REFINISH	EXIST	3	WD	PAINT	H5	LI											
6A	2	2'-8" x 6'-8"	EXIST	A	HM	PAINT	EXIST	1	HM	PAINT	E	E								E	N		R2
6B	2	3'-0" x 6'-8"	EXIST	A	HM	PAINT	EXIST	1	HM	PAINT	E	E								E	N		R2
6C	2	3'-0" x 6'-8"	EXIST	A	HM	PAINT	EXIST	1	HM	PAINT	E	E	E							E	N		
7A	1	3'-0" x 6'-8"	NEW	B	WD	CLR	NEW	2	KD	PAINT	H4	L2		P5	P6	C3			KI			SI	R6
8A	1	3'-0" x 6'-8"	NEW	B	WD	CLR	NEW	2	KD	PAINT	H4	L2		P5	P6	C3			KI			SI	
9A	3	2'-6" x 6'-8"	EXIST	B	WD	REFINISH	EXIST	3	WD	PAINT	E	L3							E				
10A	3	3'-0" x 6'-8"	NEW	B	WD	CLR	NEW	2	KD	PAINT	H4	LI				C4		D3					
11A	3	2'-6" x 6'-8"	EXIST	B	WD	REFINISH	EXIST	1	HM	PAINT	E	L3							E				R3
12A	2	2'-8" x 6'-8"	EXIST	A	HM	PAINT	EXIST	1	HM	PAINT	E	LI				E				E	N		R2
12B	2, 4	8'-0" x 8'-0" (OHD)	EXIST	E	WD	PAINT	EXIST	-	MTL	PAINT		E											
12C	2	8'-0" x 6'-10" (OHD)	EXIST	-	HM	-	EXIST	-	MTL	PAINT		E											
12D	3	4'-0" x 6'-8" (OHD)	EXIST	C	MTL	-	EXIST	-	MTL	PAINT													
12D	3	2'-0" x 1'-10"	NEW	B	WD	PAINT	NEW	3	WD	PAINT	H3		BI										
13A	3	2'-6" x 6'-8"	EXIST	B	WD	REFINISH	EXIST	3	WD	PAINT	E	E											R4
13B	3	3'-0" x 6'-8"	NEW	B	WD	CLR	NEW	2	KD	PAINT	H3	LI											R5
13C	3	3'-0" x 7'-0"	NEW	B	WD	CLR	NEW	2	HM	PAINT	H3	LI											R5
14A	1	3'-0" x 6'-8"	EXIST	B	WD	PAINT	EXIST	3	WD	PAINT	H4			P7	P8	C3			K2	E	N		R6

1. BID AS PART OF "ACCESSIBILITY IMPROVEMENTS" WORK.
2. BID AS PART OF "EXTERIOR RESTORATION" WORK.
3. BID AS PART OF "INTERIOR RESTORATION" WORK.
4. FOLLOW WORK PROCEDURES OF "LEAD-BASED PAINT INSPECTION REPORT" IN APPENDIX OF PROJECT MANUAL
5. REMOVE DOOR AS PART OF "ACCESSIBILITY IMPROVEMENTS" WORK; RETURN TO OWNER FOR STORAGE

NOTE: ALL OPERABLE PARTS SHALL BE 34" MIN. AND 48" MAX. ABOVE FINISH FLOOR AND SHALL NOT PROJECT INTO CLEAR OPENING WIDTH BELOW 34" ABOVE FINISH FLOOR OR GROUND

# DOOR SCHEDULE - ACCESSIBILITY PROJECT

## HARDWARE KEY

E - EXISTING

N - NEW

H1 - NEW STANDARD WEIGHT BALL-BEARING HINGES

H2 - SERVICE EXISTING PIVOT HINGES FOR PROPER OPERATION

H3 - NEW STANDARD WEIGHT PLAIN BEARING HINGES

H4 - INSTALL SALVAGED HINGES

H5 - STANDARD WEIGHT OFF-SET BALL-BEARING HINGES

L1 - NEW LEVER HANDLE ENTRANCE/OFFICE LOCKSET - KEY LOCK EXTERIOR, BUTTON LOCK INTERIOR, ROTATE INTERIOR LEVER TO RELEASE

L2 - INSTALL SALVAGED DEADBOLT LOCK

L3 - NEW LVR HANDLE STORAGE LOCKSET - EXT. LEVER LOCK/UNLOCK BY KEY, INT. ALWAYS UNLOCKED

BI - NEW SURFACE MOUNT MANUAL HORIZONTAL SLIDE BOLT

PI - NEW DEADLATCH PADDLE W/ EXT. KEYED DEADBOLT CYLINDER; MOUNT SALVAGED ALUM. VERT. PUSH BAR TO PUSH BARS TO FACE OF DOOR

P2 - INSTALL SALVAGED PULL HANDLES

P3 - EXIST. ALUM. VERTICAL AND HORIZONTAL PUSH BARS TO REMAIN

P4 - EXIST. PULL HANDLES TO REMAIN

P5 - INSTALL SALVAGED PUSH PLATE

P6 - INSTALL SALVAGED PULL HANDLE

P7 - NEW PANIC DEVICE W/ EXTERIOR KEYED DEADBOLT CYLINDER

P8 - INSTALL SALVAGED PULL HANDLE; THUMB RELEASE TO BE NON-FUNCTIONAL

CI - OVERHEAD CONCEALED CLOSER

C2 - NEW IN-FLOOR CLOSER; MOUNT IN EXIST. CLOSER CASE

C3 - NEW OVERHEAD SURFACE CLOSER; OPENING FORCE 5 PSF MAX (INT. DOORS ONLY), CLOSE SPEED 5 SEC MIN. TO A POSITION OF 12 DEGREES FROM LATCH

C4 - INSTALL SALVAGED CLOSER

OI - NEW OVERHEAD SURFACE DOOR OPERATOR W/ 2 BATTERY OPERATED REMOTE PUSH-PLATE ACTIVATORS

DI - INSTALL SALVAGED OVERHEAD DOOR HOLDER

D2 - NEW OVERHEAD DOOR HOLDER, MATCH SALVAGED DOOR HOLDER

D3 - INSTALL SALVAGED DOOR KICK HOLDER

KI - NEW KICKPLATE (MIN. 10") SIZED FOR NEW DOOR; FINISH TO MATCH EXIST. KICKPLATE

K2 - INSTALL SALVAGED KICKPLATE ON OPPOSITE SIDE OF DOOR

TI - EXISTING THRESHOLD, INCLUDING IN-FLOOR DOOR CLOSER CASE AND COVER, TO REMAIN

SI - INSTALL NEW ADA COMPLIANT DOOR MOUNTED SIGN IN ADDITION TO EXISTING SALVAGED SIGNS

RI - AT LATCH SIDE, CUT AND REMOVE MTL. STOP ON DOOR FRAME BELOW 34"; WELD SHEET MTL. PATCH OVER REMOVED STOP, GRIND SMOOTH

R2 - AT BOTTOM OF DOOR FRAME, REPLACE DETERIORATED PORTION OF FRAME WITH NEW SECTION OF FRAME, WELD AND GRIND SMOOTH

R3 - REMOVE SLIDE BOLT LATCH, PADLOCK CHAIN HANGER, AND FOOT BOLT; PATCH HOLES IN DOOR W/ WOOD FILLER; PATCH HOLES IN KICKPLATE W/ SEALANT (MATCH KICKPLATE COLOR)

R4 - HANG ORIG. EXIST. DOOR LEAF AT THIS LOCATION (CURRENTLY STORED IN BAGGAGE ROOM)

R5 - PROVIDE DOOR SILENCERS

R6 - REINSTALL EXIST. DOOR AT THIS LOCATION SO IT OPENS IN THE DIRECTION OF EXIT TRAVEL

KANSAS DEPARTMENT OF TRANSPORTATION

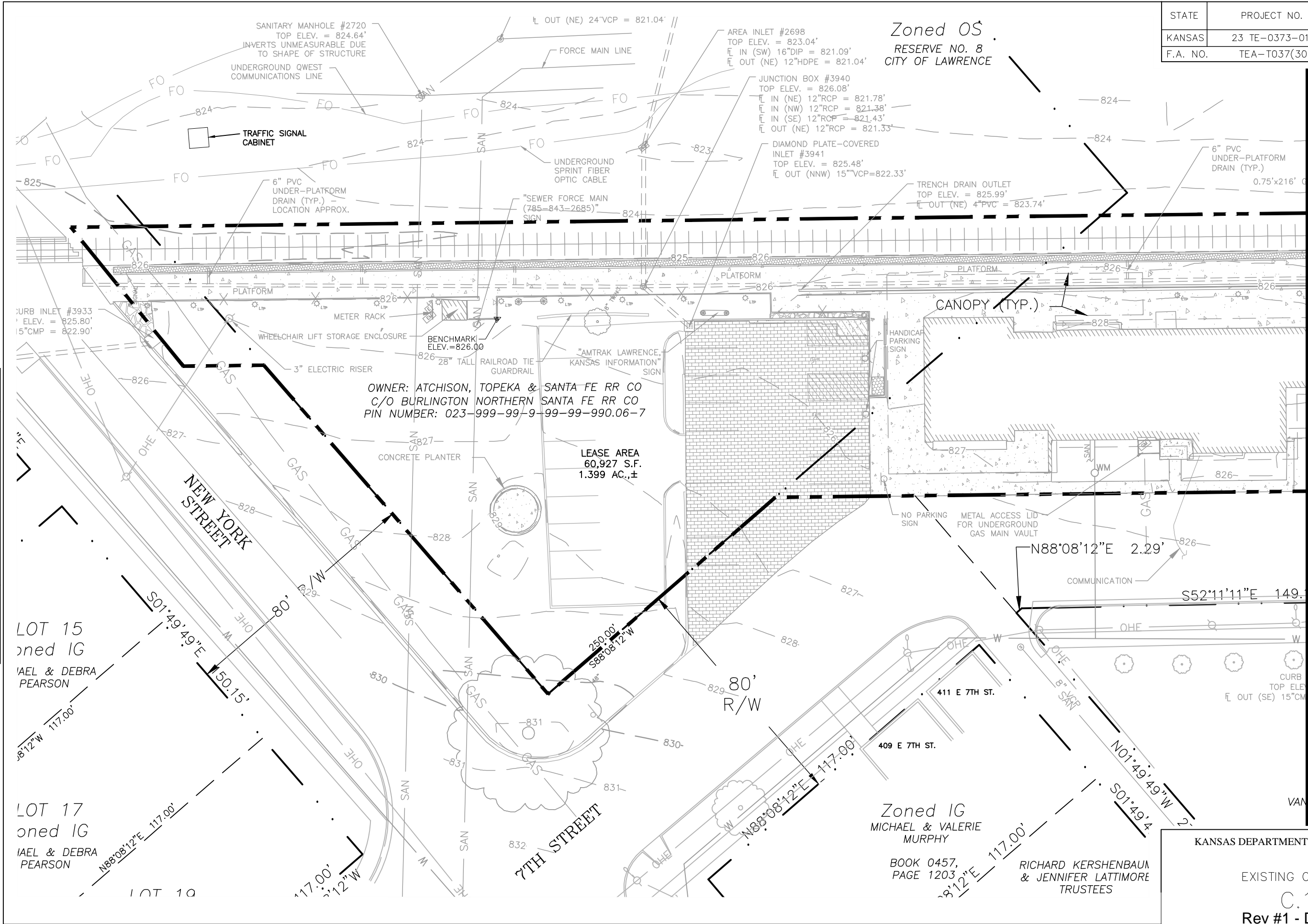
DOOR SCHEDULE

7.A.0  
Rev #1 - Dec 9, 2016

FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.



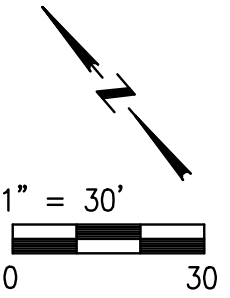
DATE	BY	SURVEYED	PLOTTED	INKED	DESIGNED	SQUAD



STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	93	142
F.A. NO.	TEA-T037(301)			Page 25 of 40

**SITE CONTROL**  
**BENCHMARK:**  
**SOUTHEAST CORNER**  
**CONCRETE WALK EAST**  
**OF WHEELCHAIR LIFT**  
**STORAGE ENCLOSURE**  
**ELEV.=826.00**

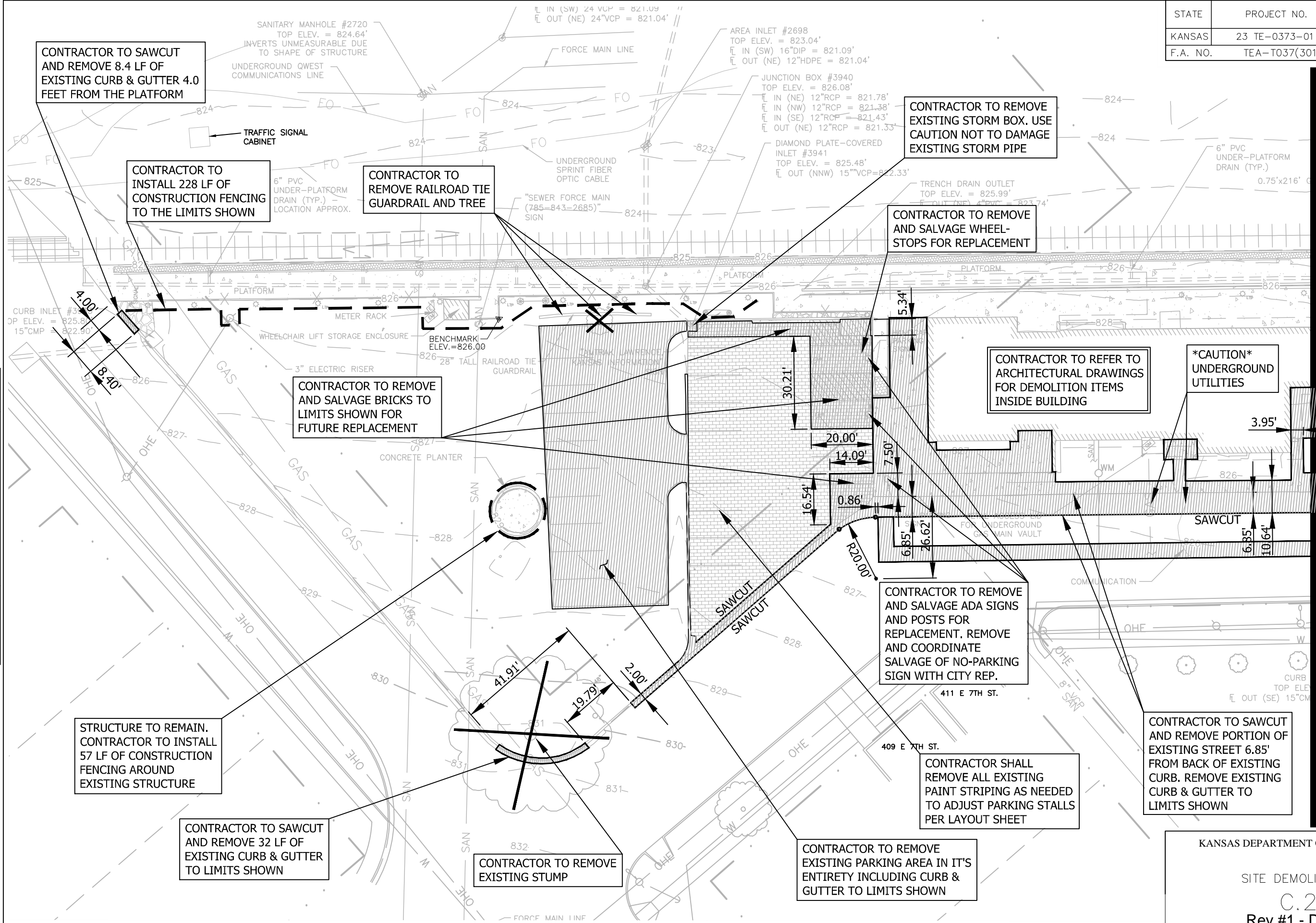
MATCHLINE - SEE SHEET C.1.2



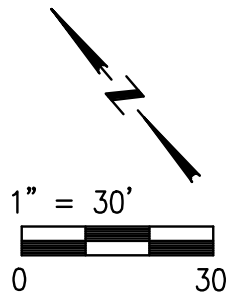
EXISTING CONDITIONS

KANSAS DEPARTMENT OF TRANSPORTATION			
EXISTING CONDITIONS			
C.1.1			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

DATE	BY	SURVEYED	PLOTTED	INKED	DESIGNED	SQUAD

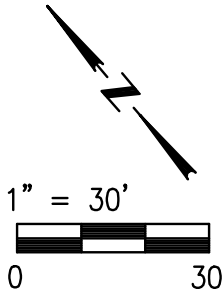
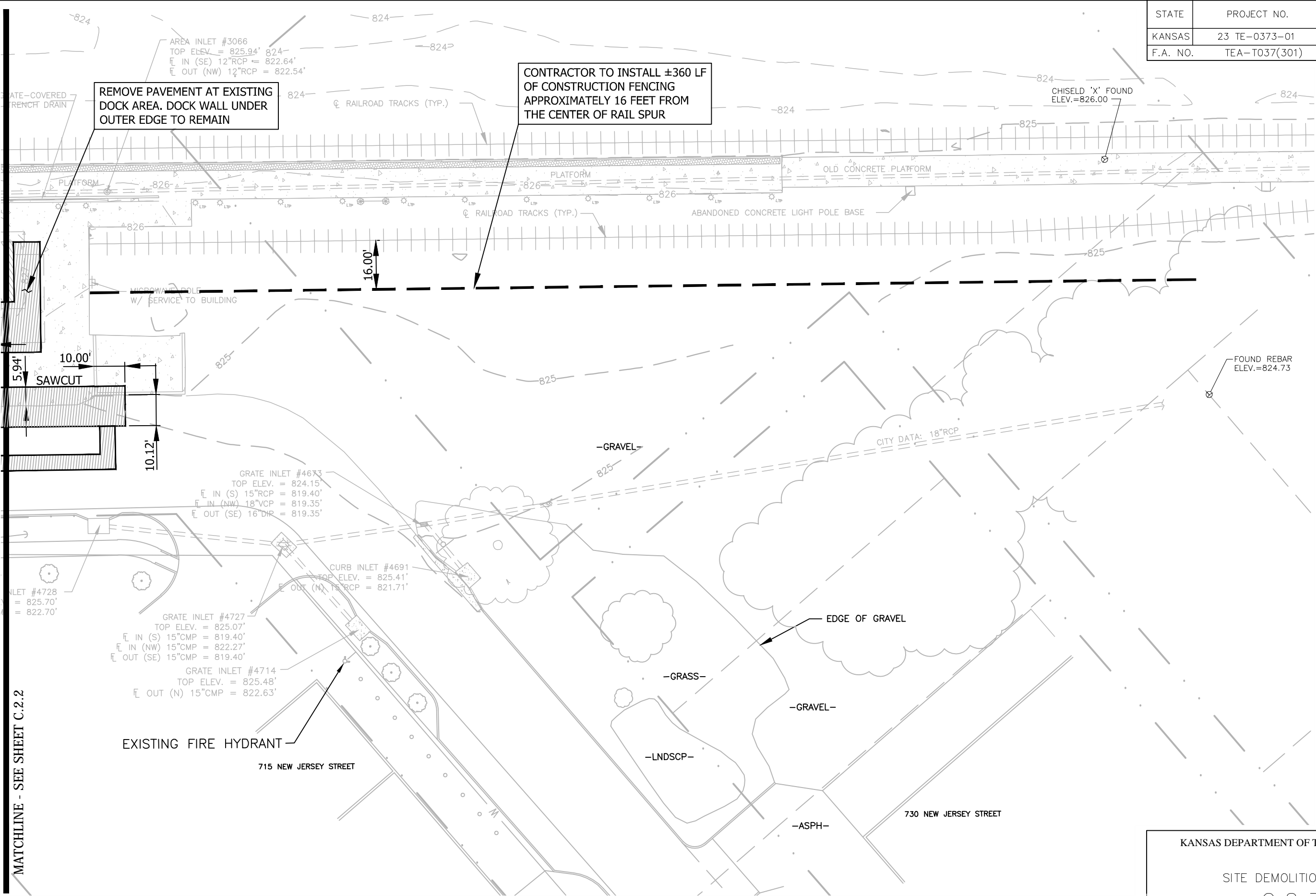


MATCHLINE - SEE SHEET C.2.3



# SITE DEMOLITION PLAN

DATE	BY	SURVEYED	PLOTTED	INKED	DESIGNED	SQUAD



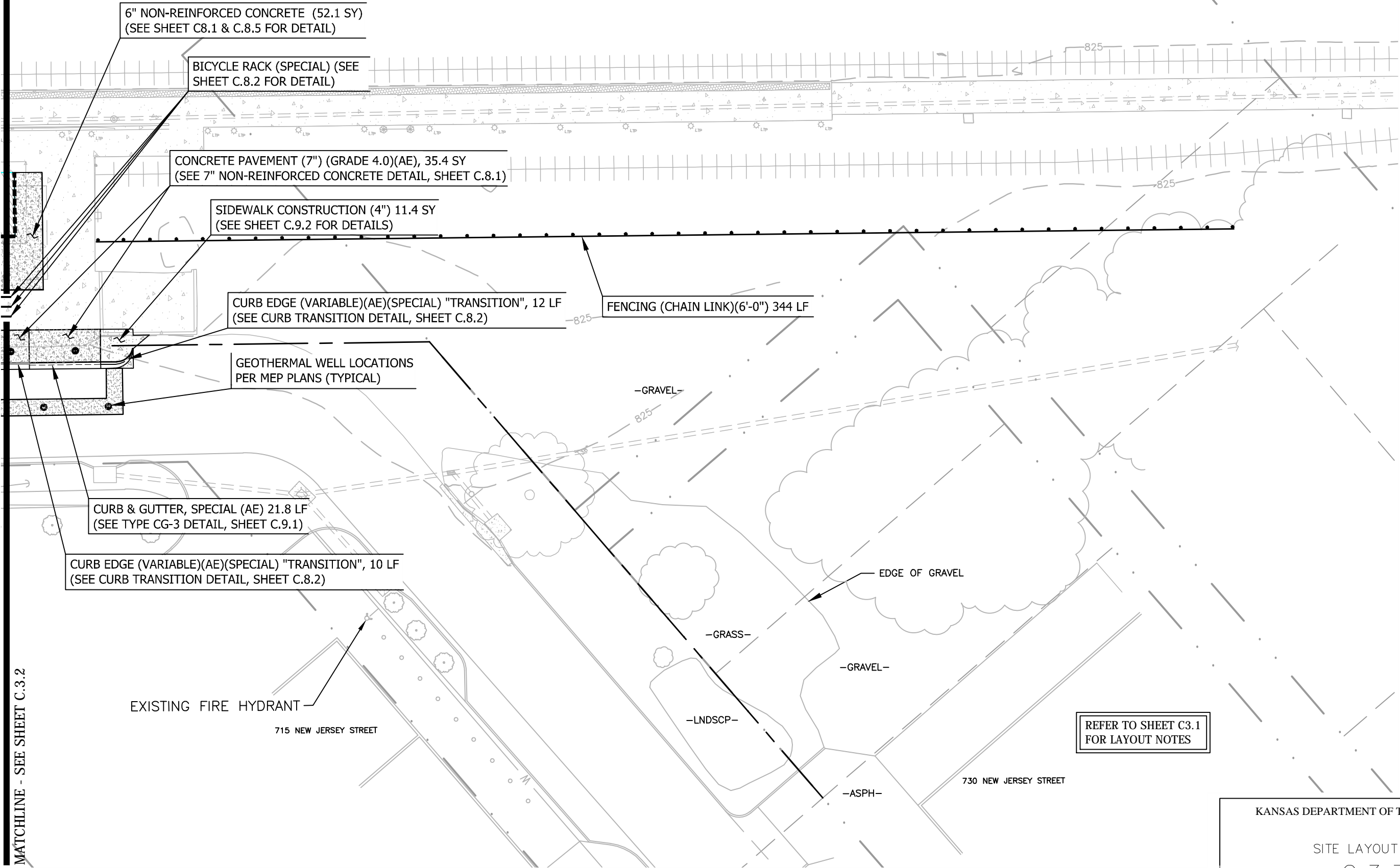
SITE DEMOLITION PLAN

KANSAS DEPARTMENT OF TRANSPORTATION			
SITE DEMOLITION PLAN			
C.2.3			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.





DATE	BY	SURVEYED	DESIGNED	INKED	PLOTTED	SQUAD

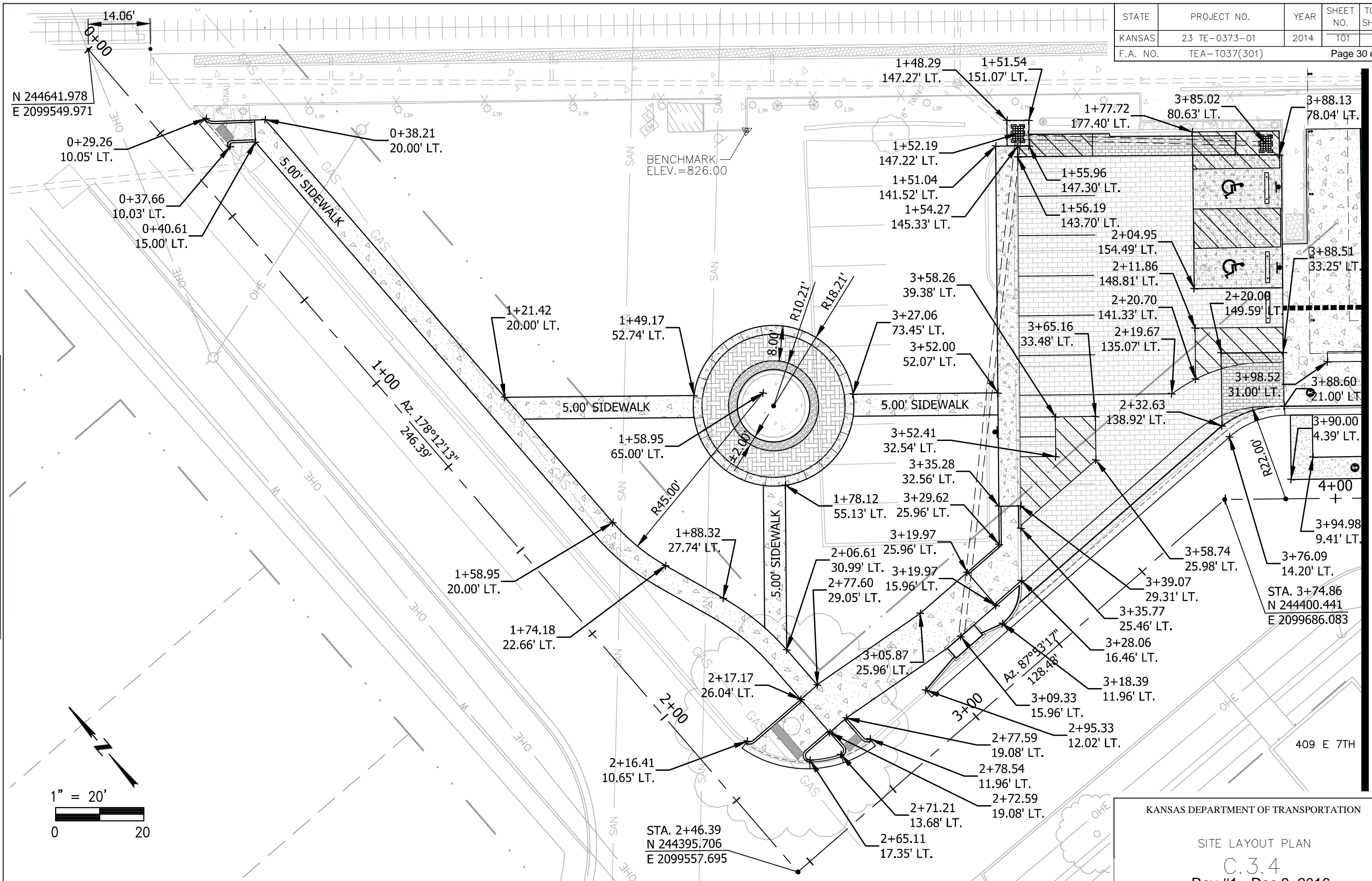


SITE LAYOUT PLAN

KANSAS DEPARTMENT OF TRANSPORTATION			
SITE LAYOUT PLAN			
C.3.3			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.



STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	101	142
F.A. NO.	TEA-T037(301)		Page 30 of 40	



MATCHLINE - SEE SHEET C.3.5

## SITE LAYOUT PLAN

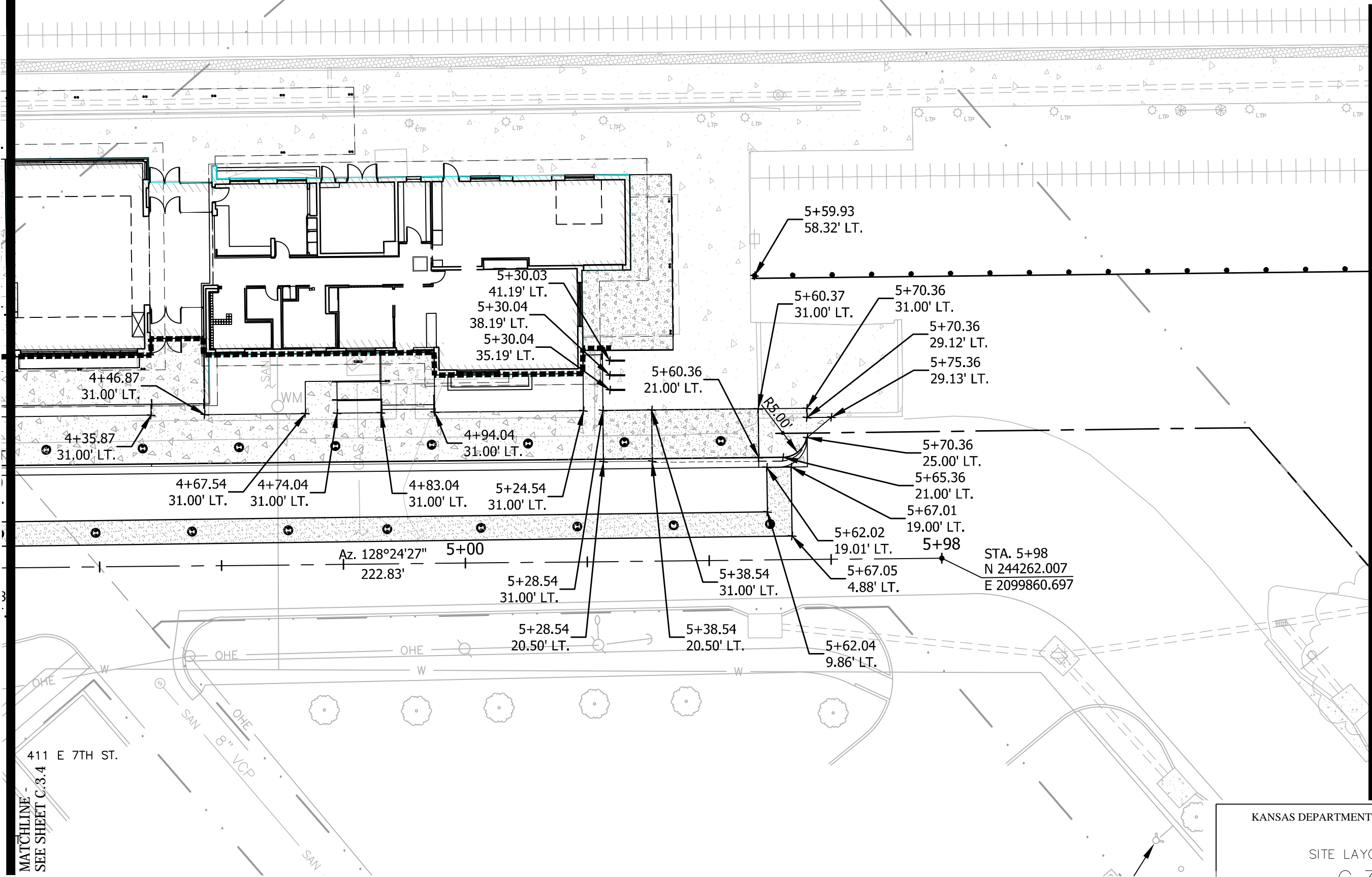
# KANSAS DEPARTMENT OF TRANSPORTATION

## SITE LAYOUT PLAN

### C.3.4

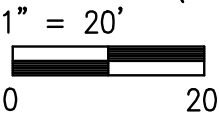
### Rev #1 - Dec 9, 2016

DATE	BY	SURVEYED	PLOTTED	INKED	DESIGNED	SQUAD



411 E 7TH ST.  
MATCHLINE - SEE SHEET C.3.4

MATCHLINE - SEE SHEET C.3.6

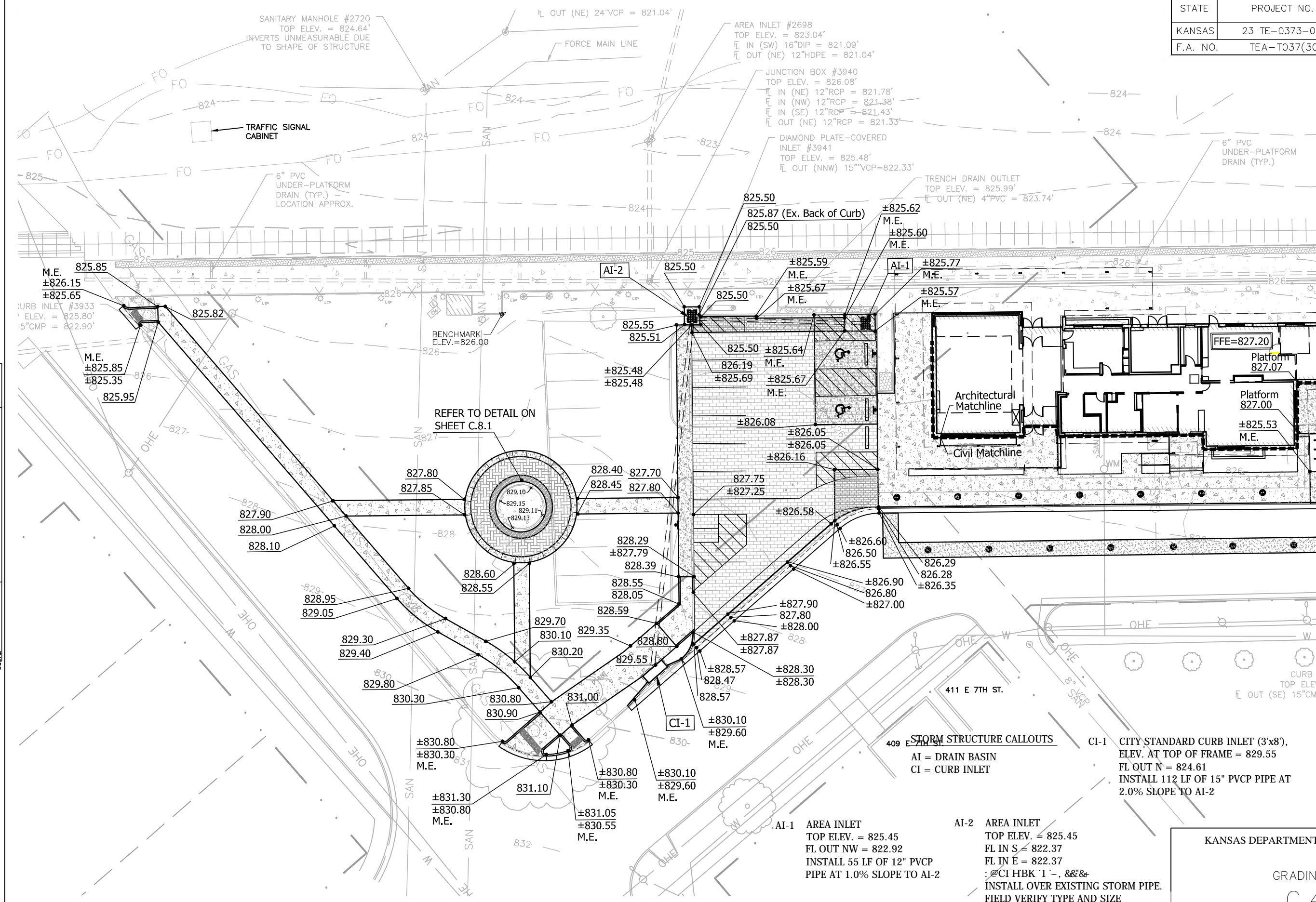


# SITE LAYOUT PLAN

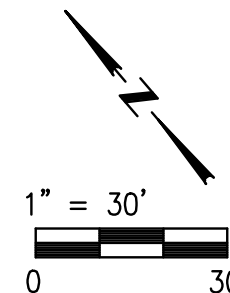
KANSAS DEPARTMENT OF TRANSPORTATION			
SITE LAYOUT PLAN			
C.3.5			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.



STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	105	142
F.A. NO.	TEA-T037(301)		Page 32 of 40	



**MATCHLINE - SEE SHEET C.4.3**



KANSAS DEPARTMENT OF TRANSPORTATION

## GRADING PLAN

C.4.2

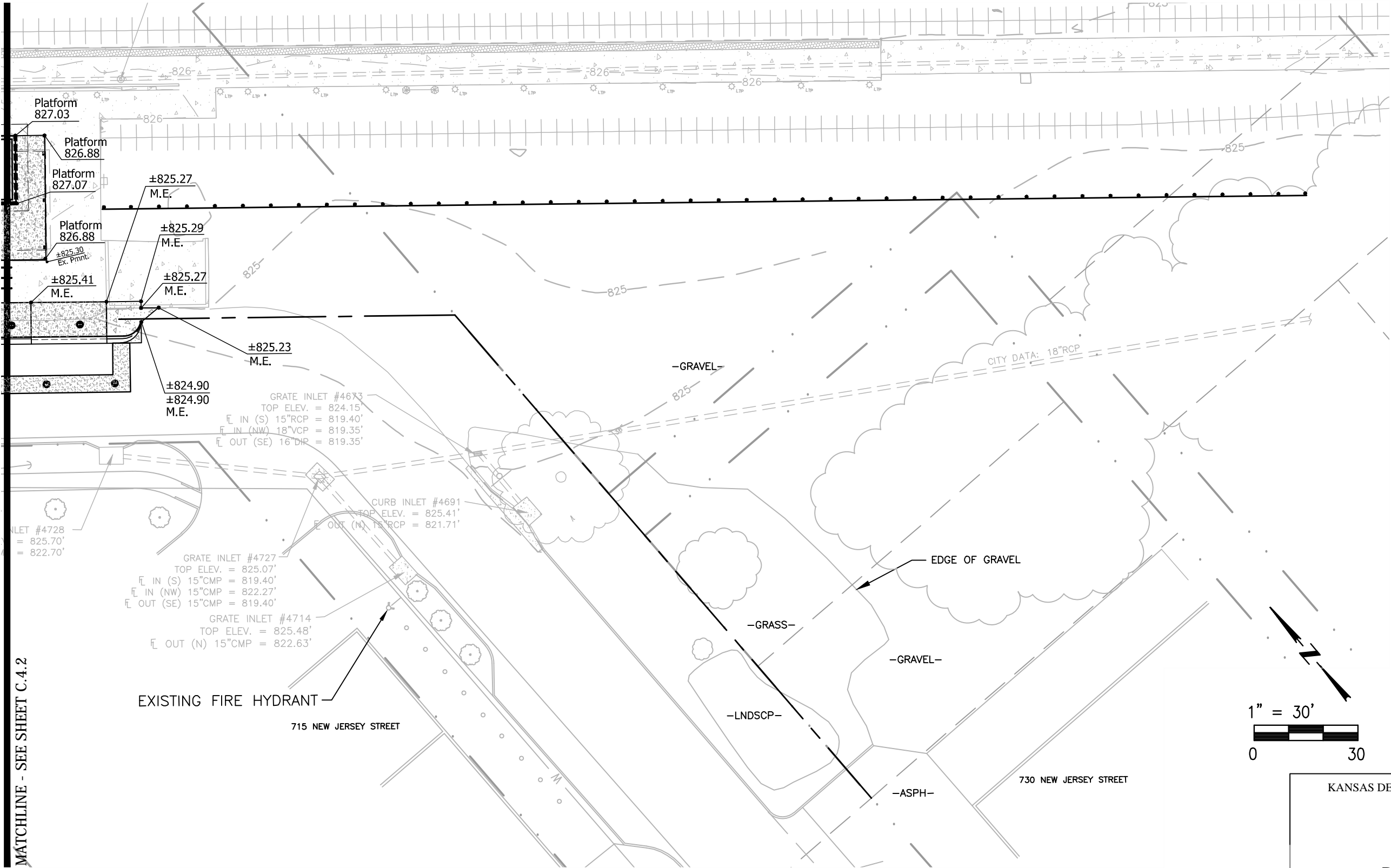
Rev #1 - Dec 9, 2016

FHWA APPROVAL XX-XX-XX		APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

## GRADING PLAN



DATE	BY	SURVEYED	PLOTTED	INKED	DESIGNED	SQUAD



MATCHLINE - SEE SHEET C.4.2

# GRADING PLAN

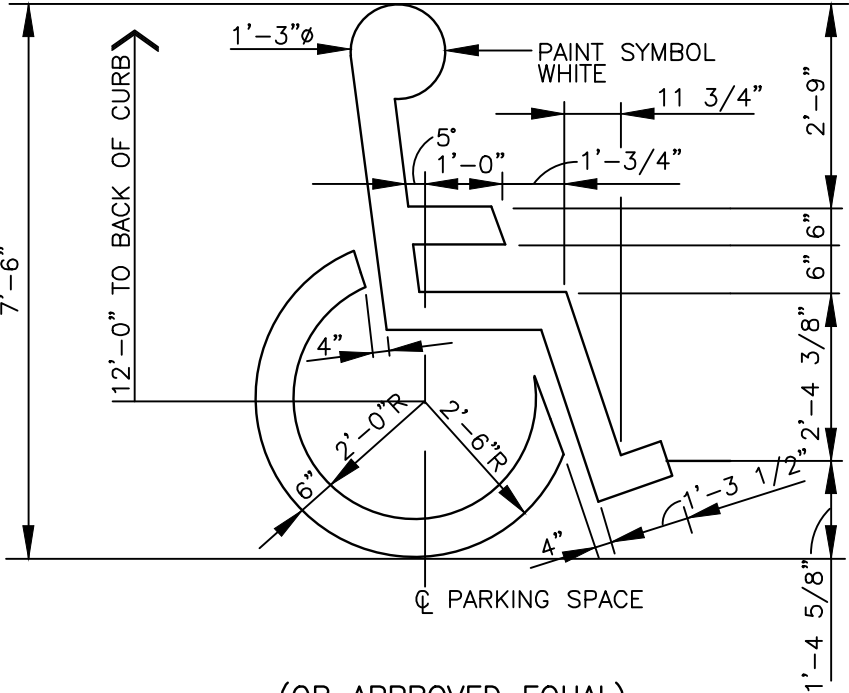
KANSAS DEPARTMENT OF TRANSPORTATION			
GRADING PLAN			
C.4.3			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.



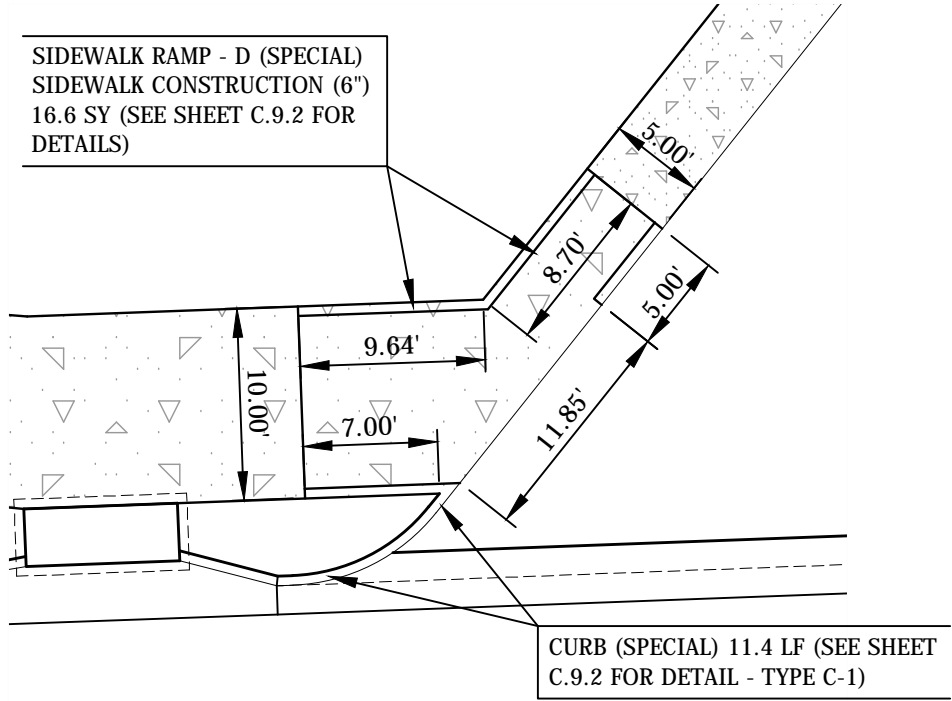


DATE					
BY					
SURVEYED					
PLOTTED					
INKED					
DESIGNED					
SQUAD					

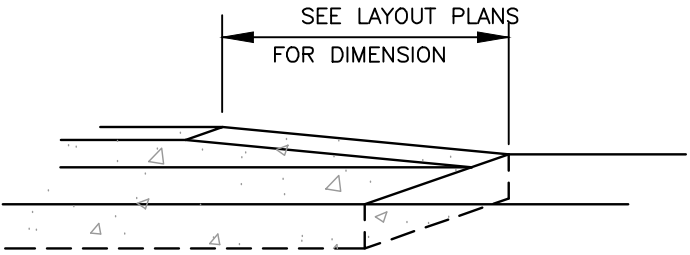
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	116	142
F.A. NO.	TEA-T037(301)	Page 36 of 40		



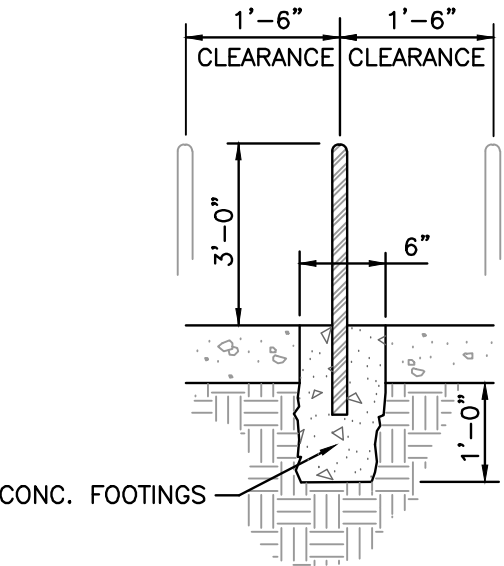
(OR APPROVED EQUAL)  
**PAINTED ACCESSIBLE SYMBOL**  
NTS



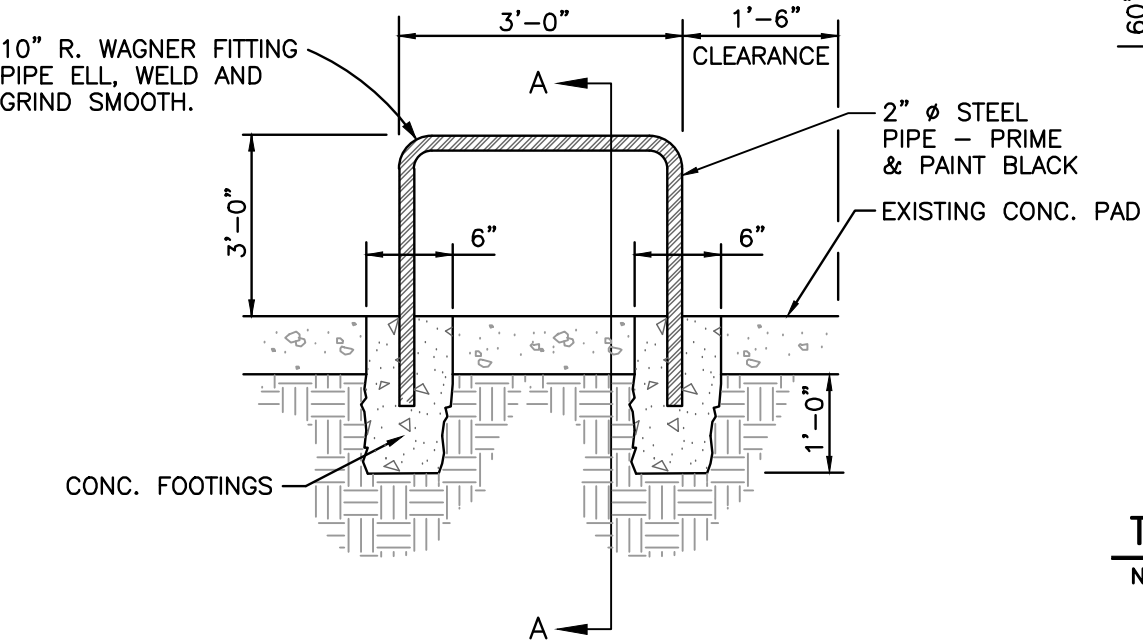
**SIDEWALK RAMP - D**  
SCALE: 1"=10'-0"



**CURB TRANSITION**  
NTS



SECTION A-A

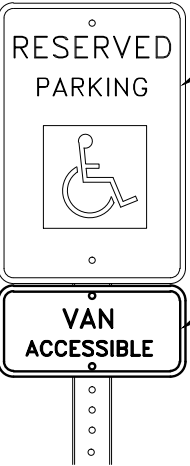


**BICYCLE RACK**  
NTS



REFLECTIVE (80 MIL)  
ALUMINUM SIGN 18"x12"  
WITH CENTER HOLES  
AND REFLECTIVE  
PERMANENT ADHESIVE  
VINYL LABEL 18"x12"

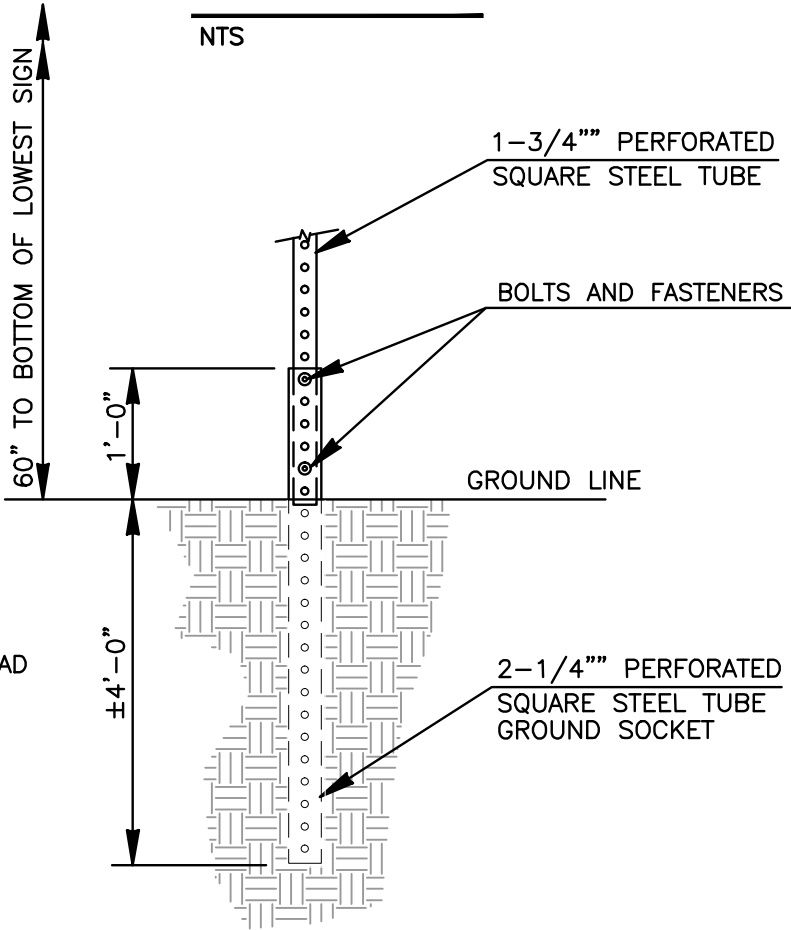
**MOTORCYCLE  
PARKING SIGNAGE**  
NTS



EXISTING SIGNAGE

ADD "VAN ACCESSIBLE"  
SIGNAGE TO POST  
(NORTH STALL SIGNAGE  
ONLY). TEXT SHALL BE  
5/8" TALL MINIMUM.

**ADA SIGNAGE**  
NTS

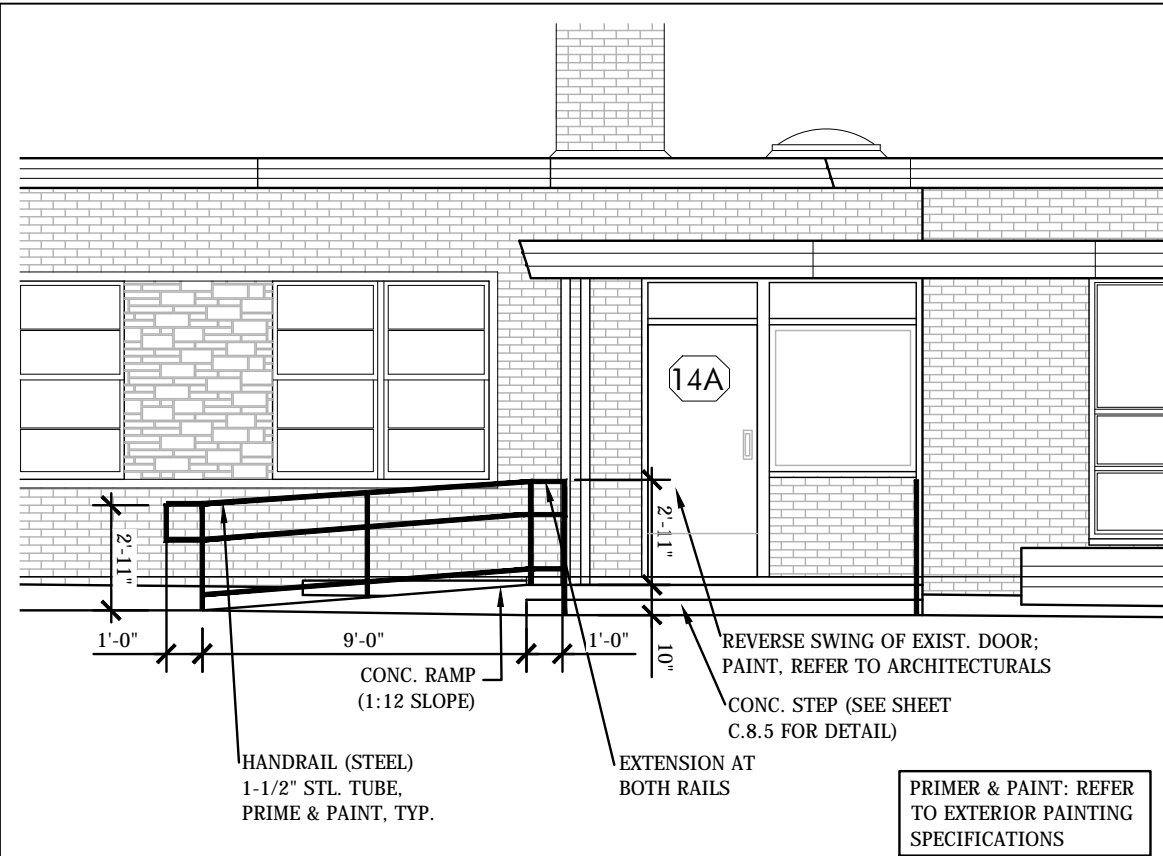


**TYPICAL POST INSTALLATION DETAIL**  
NTS

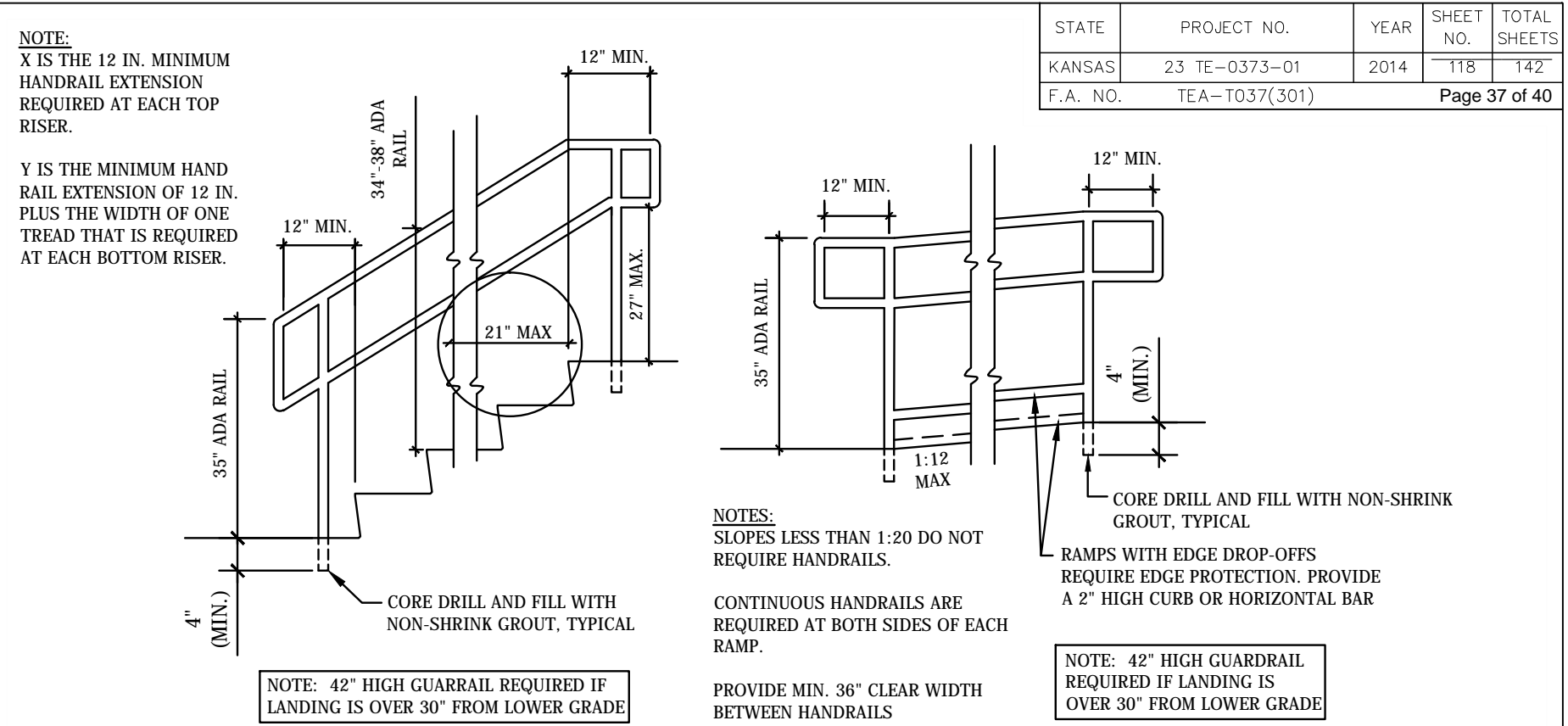
**SITE DETAILS**

KANSAS DEPARTMENT OF TRANSPORTATION			
SITE DETAILS			
C.8.2			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

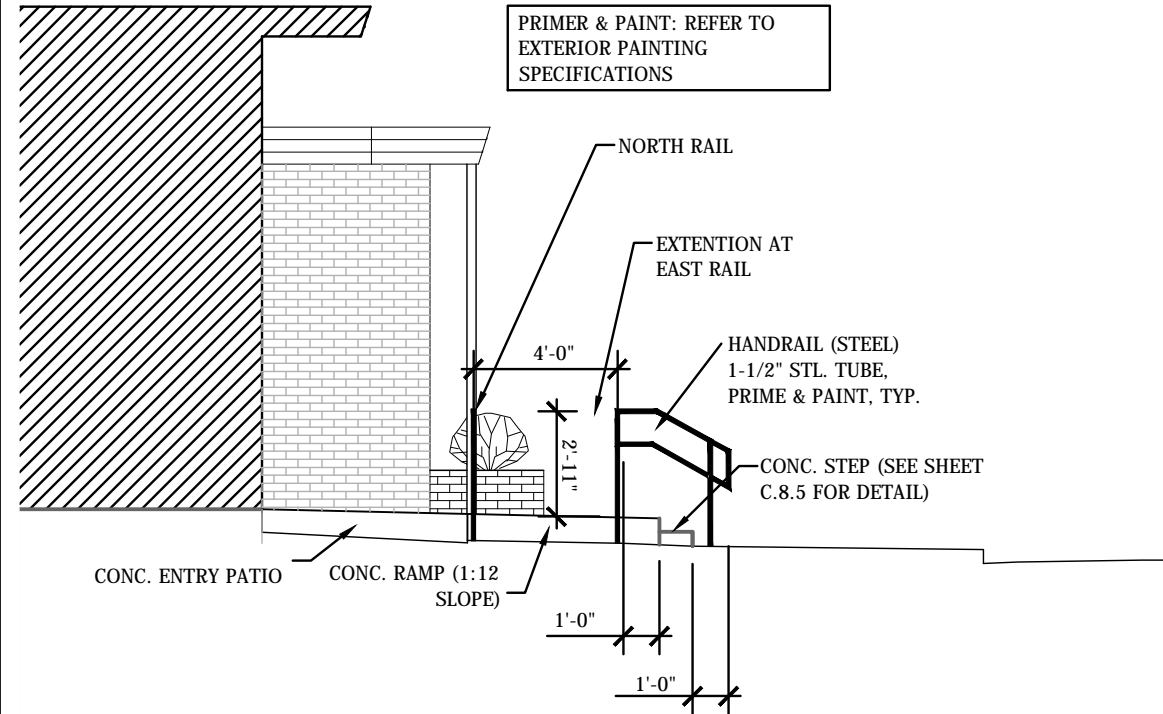
DATE				
BY				
SURVEYED				
PLOTTED				
INKED				
DESIGNED				
SQUAD				



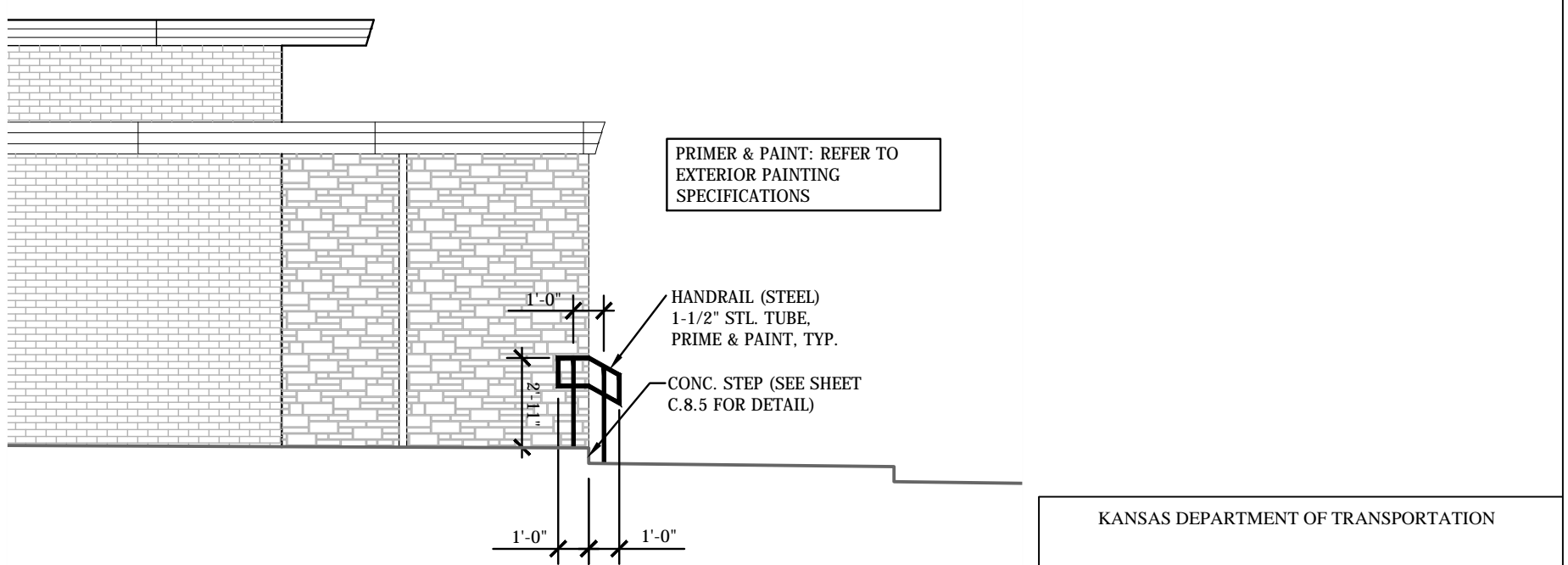
**1 SE RAMP & STAIR SOUTH ELEVATION**  
3/16" = 1'-0"



**2 TYP. ADA HANDRAIL DETAILS**  
N.T.S.



**3 SE RAMP & STAIR WEST ELEVATION**  
3/16" = 1'-0"



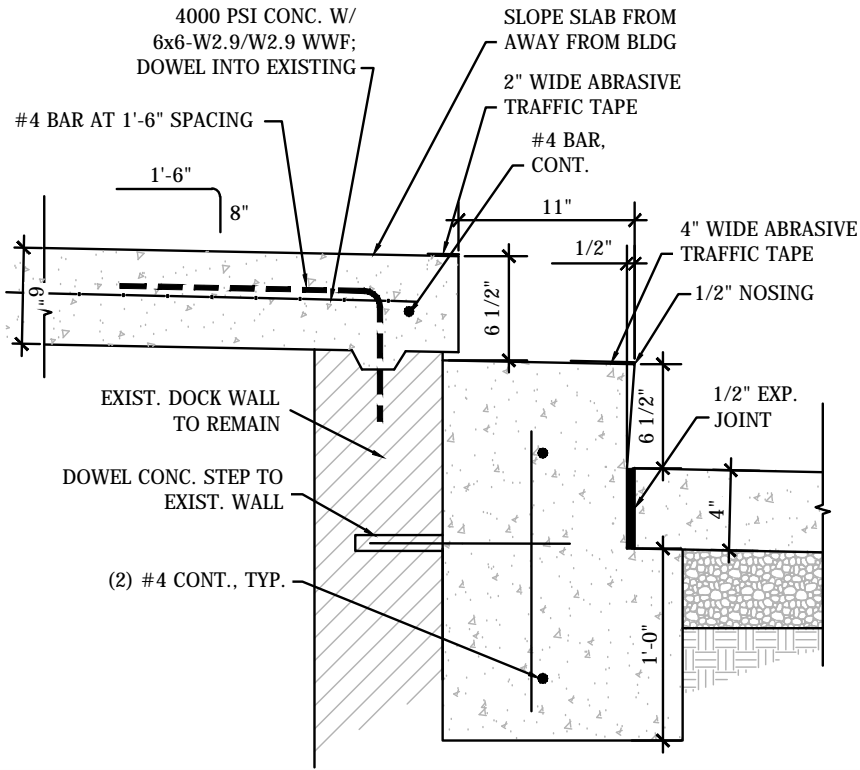
**4 SOUTH ENTRANCE WEST ELEVATION**  
3/16" = 1'-0"

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	118	142
F.A. NO.	TEA-T037(301)	Page 37 of 40		

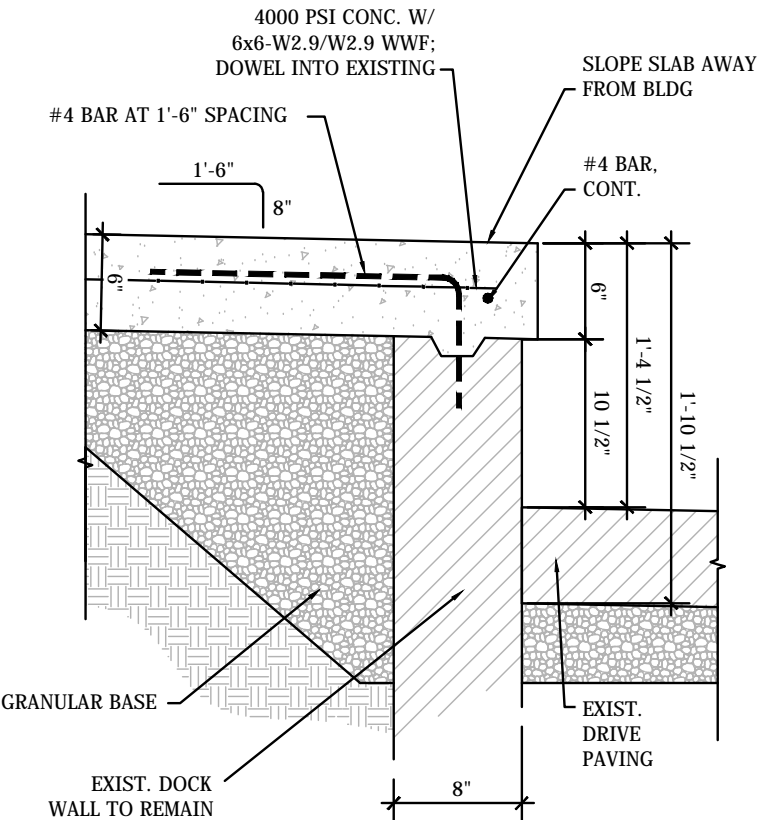
KANSAS DEPARTMENT OF TRANSPORTATION			
HANDRAIL ELEVATIONS & DETAILS			
C.8.4			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

DATE					
BY					
SURVEYED					
PLOTTED					
INKED					
DESIGNED					
SQUAD					

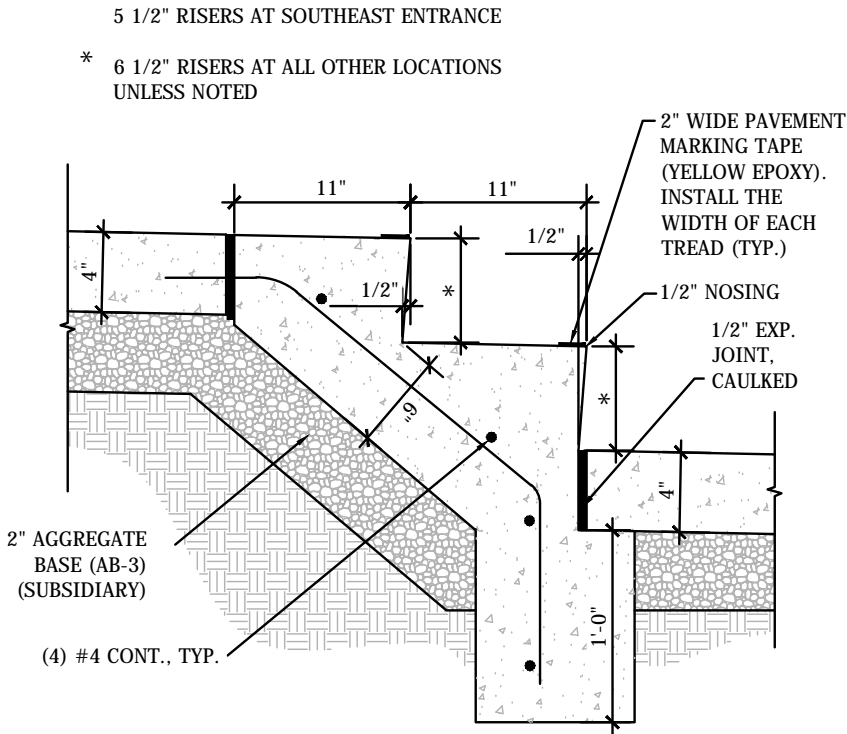
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	23 TE-0373-01	2014	119	142
F.A. NO.	TEA-T037(301)		Page 38 of 40	



**1 CONC. STEP AT DOCK**  
1" = 1'-0"



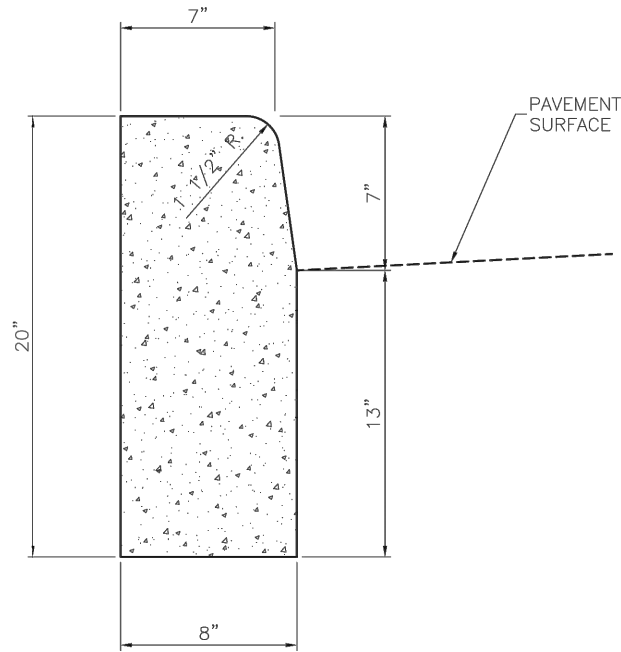
**2 CONCRETE SLAB AT DOCK**  
1" = 1'-0"



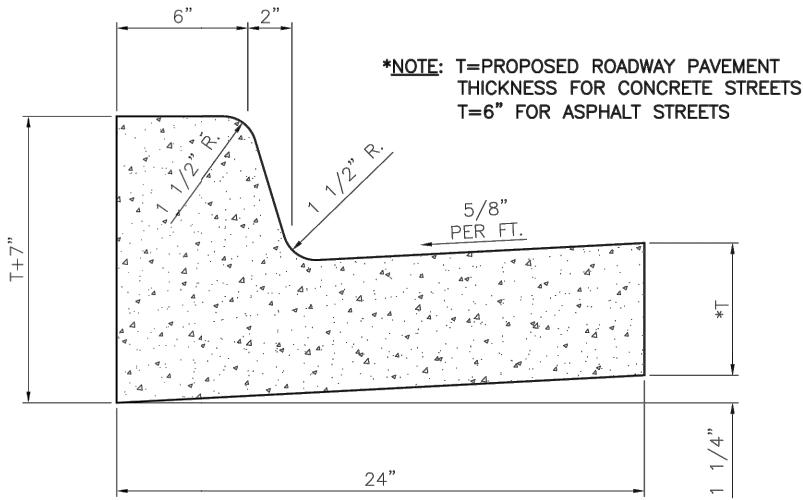
**3 CONC. STEP DETAIL**  
1" = 1'-0"

KANSAS DEPARTMENT OF TRANSPORTATION			
CONCRETE STEP DETAILS			
C.8.5			
Rev #1 - Dec 9, 2016			
FHWA APPROVAL	XX-XX-XX	APP'D	XXX
DESIGNED	DESIGNED	QUANTITIES	TRACED
DESIGN CK.	DESIGN CK.	QUAN. CK	TRACE CK.

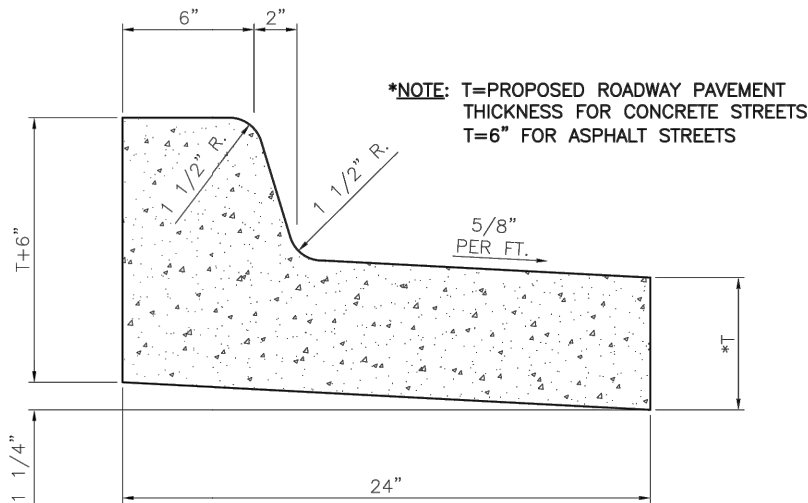




**STRAIGHT CURB**  
(TYPE C-1)

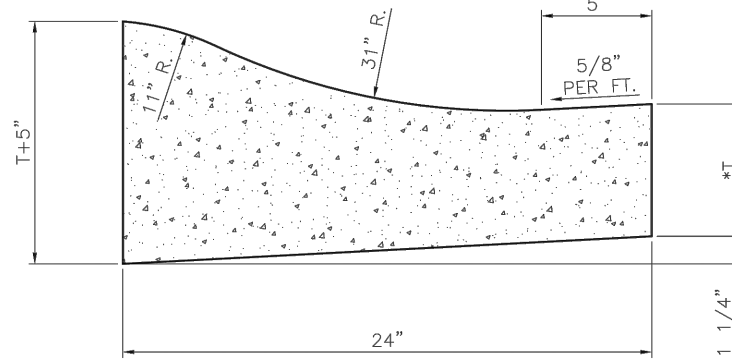


**STRAIGHT BACK CURB AND GUTTER**  
(TYPE CG-1)



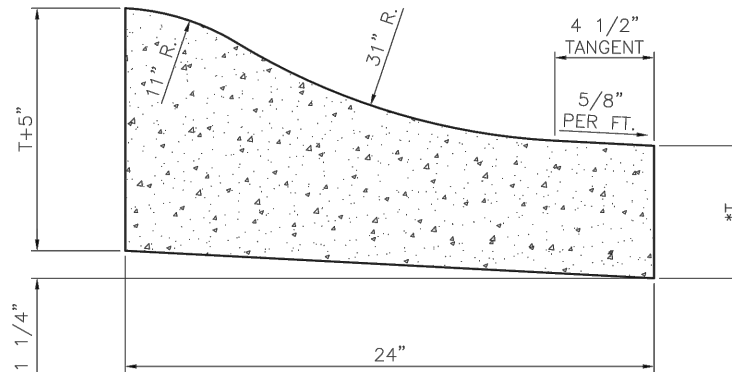
**STRAIGHT BACK DRY CURB AND GUTTER**  
(TYPE CG-1, DRY)

**\*NOTE:** T=PROPOSED ROADWAY PAVEMENT THICKNESS FOR CONCRETE STREETS  
T=6" FOR ASPHALT STREETS

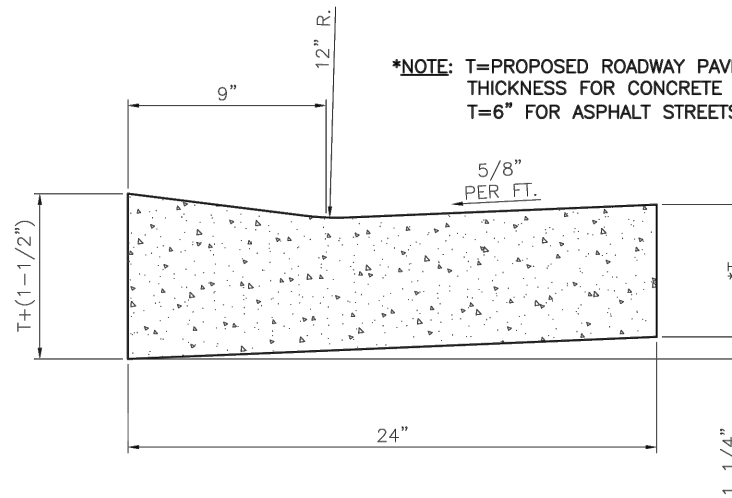


**ROLL BACK CURB AND GUTTER**  
(TYPE CG-2)

**\*NOTE:** T=PROPOSED ROADWAY PAVEMENT THICKNESS FOR CONCRETE STREETS  
T=6" FOR ASPHALT STREETS



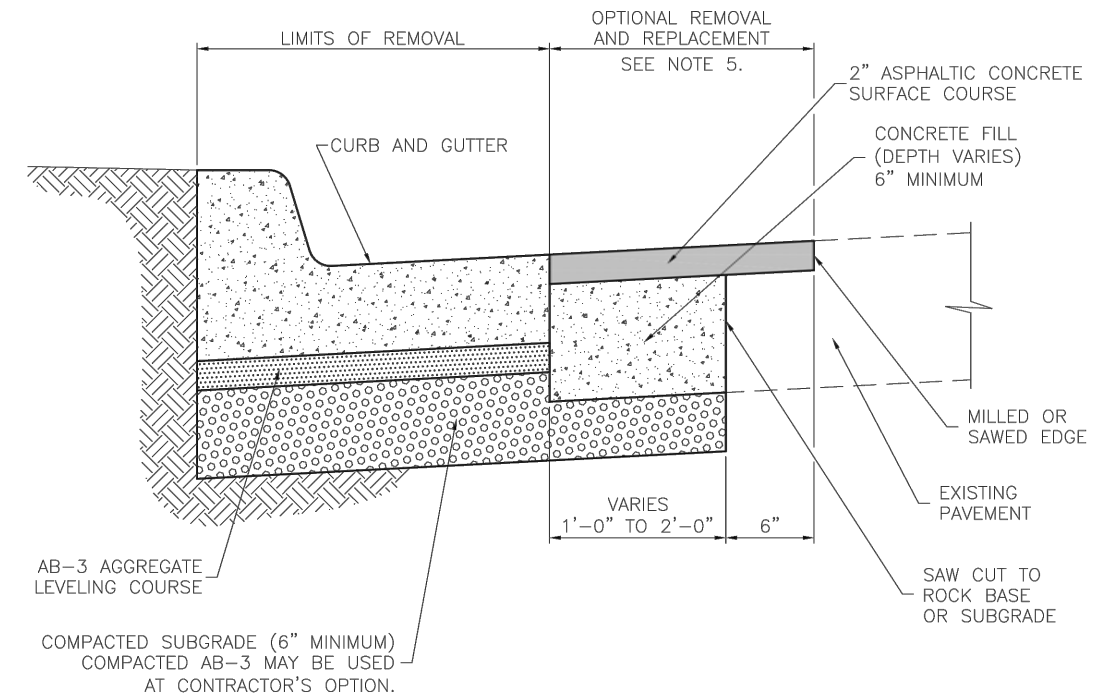
**ROLL BACK CURB AND GUTTER**  
(TYPE CG-2, DRY)



**CURB AND GUTTER THROUGH DRIVEWAYS AND ACCESS RAMPS**  
(TYPE CG-3)



**CURB AND GUTTER GENERAL NOTES**

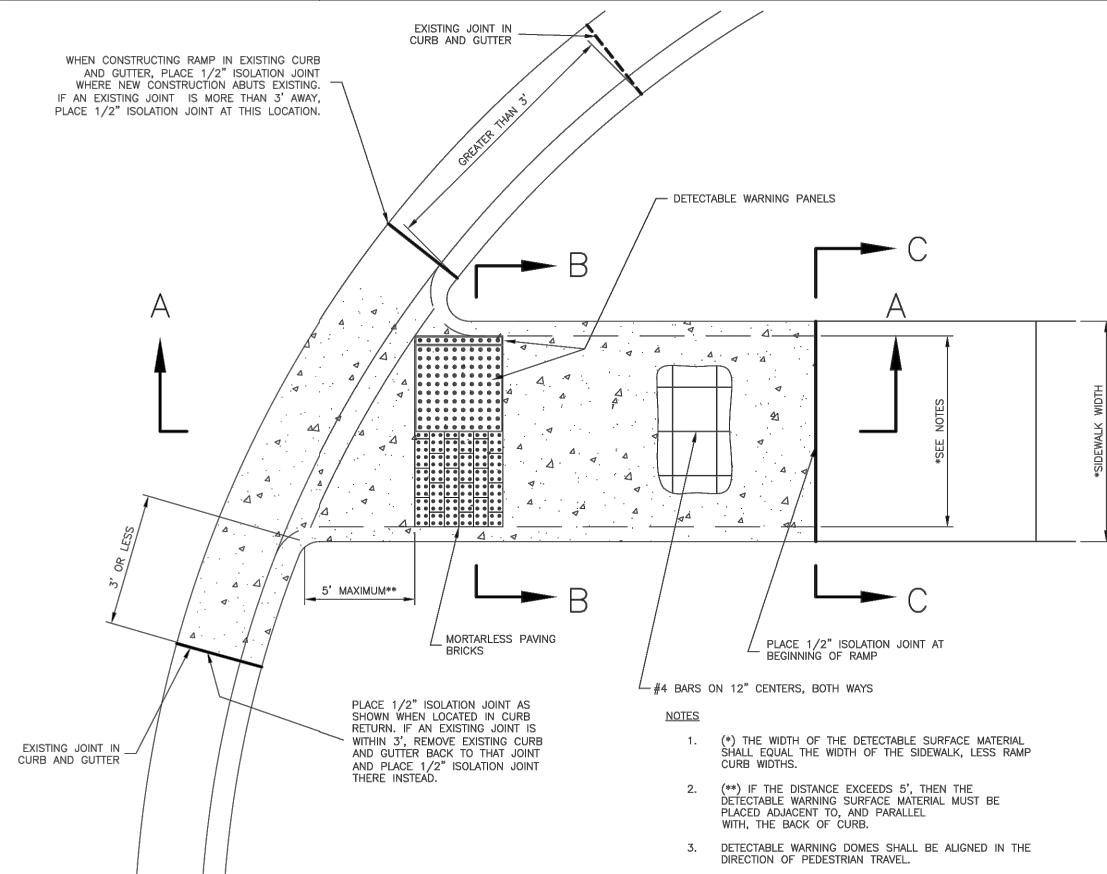
1. TYPE CG-2 OR CG-2 DRY ROLL BACK CURB AND GUTTER MAY BE USED ONLY ON RESIDENTIAL STREETS. CURB CUTS FOR DRIVEWAYS ARE NOT REQUIRED WITH ROLL BACK CURB AND GUTTER.
2. INSTALL JOINTS IN ACCORDANCE WITH STANDARD SPECIFICATIONS.
3. CONCRETE SHALL CONFORM TO STANDARD SPECIFICATIONS, SECTION 2000.
4. ASPHALTIC CONCRETE SURFACE COURSE SHALL CONFORM TO STANDARD SPECIFICATIONS, SECTION 1300.
5. PAVEMENT REMOVAL AND REPLACEMENT BEYOND THE LIMITS OF CURB AND GUTTER REMOVAL IS AT THE CONTRACTOR'S OPTION AND COST.



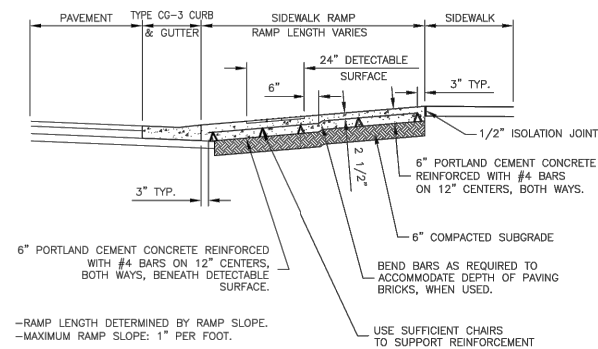
**CURB REPLACEMENT DETAIL**  
(NOTE: TO BE USED ONLY WHEN EXISTING CURB AND GUTTER IS REMOVED AND REPLACED, BUT STREET PAVEMENT REMAINS IN PLACE)

C.9.1 SHEET 120 OF 142

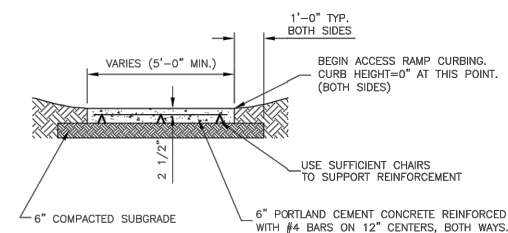
DATE	BY	REVISION
02-08-13	LJM	CITY ENGINEER'S NAME UPDATED
09-10-09	LJM	REPLACES ALL PREVIOUS VERSIONS OF CONCRETE CURB AND GUTTER DETAILS
 <b>CITY OF LAWRENCE, KANSAS</b> ENGINEERING DIVISION OF PUBLIC WORKS 		
<b>Rev #1, Dec 9, 2016</b> STANDARD DETAILS FOR <b>CONCRETE CURB AND GUTTER</b>		
<b>DAVID P. CRONIN</b> CITY ENGINEER		<b>DAVID L. CORLISS</b> CITY MANAGER



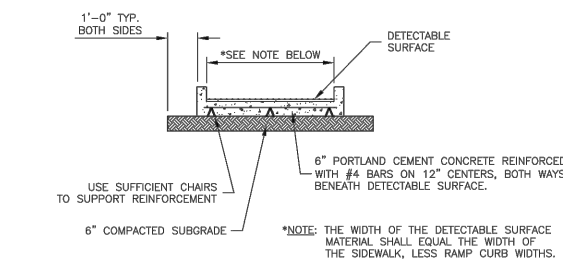
## ACCESS RAMP PLAN



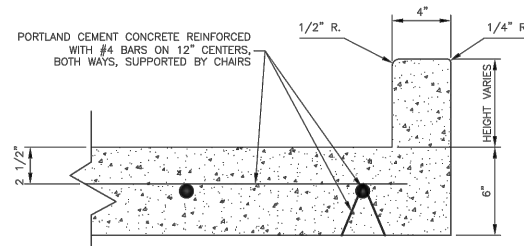
SECTION A-A



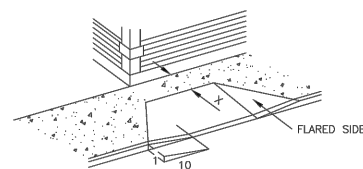
SECTION C-C



SECTION B-B



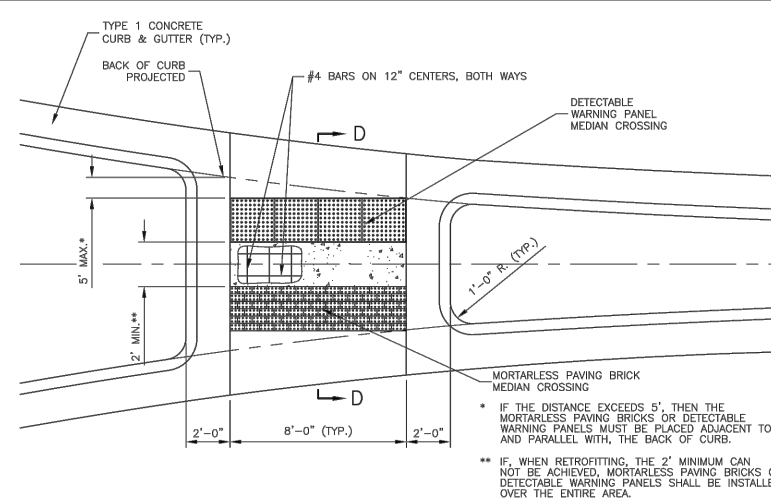
ACCESS RAMP CURB DETAIL



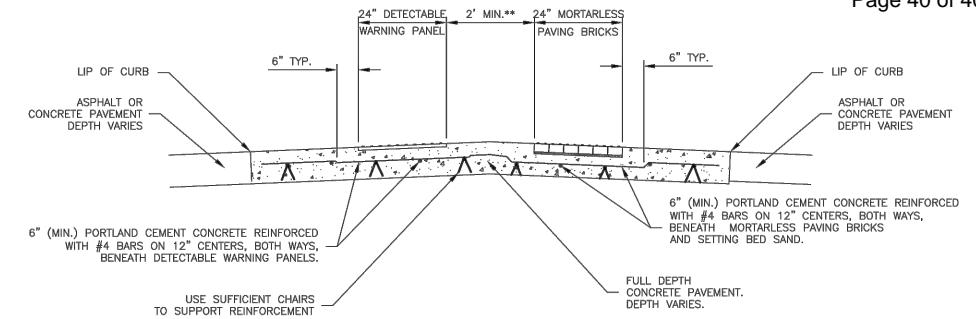
THIS FIGURE SHOWS A TYPICAL CURB RAMP, CUT INTO A WALKWAY PERPENDICULAR TO THE CURB FACE, WITH FLARED SIDES HAVING A MAXIMUM SLOPE OF 1:10. THE LANDING AT THE TOP, MEASURED FROM THE TOP OF THE RAMP TO THE EDGE OF THE WALKWAY OR CLOSEST OBSTRUCTION IS DENOTED AS "X". IF X, THE LANDING DEPTH AT THE TOP OF THE CURB RAMP IS LESS THAN 48", THEN THE SLOPE OF THE FLARED SIDE SHALL NOT EXCEED 1:12.

### ACCESS RAMP WITH FLARED SIDES

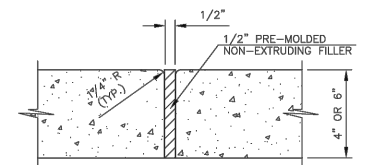
## ACCESS RAMP DETAILS



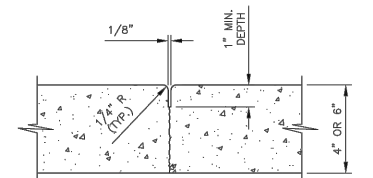
MEDIAN RAMP CROSSING PLAN



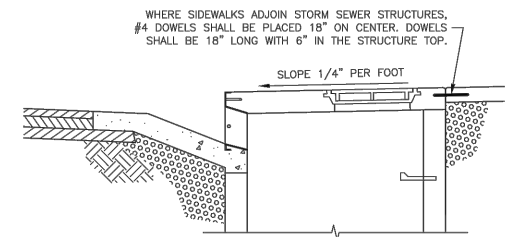
SECTION D-D



SECTION F-F  
ISOLATION JOINT



SECTION G-G  
CONTRACTION JOINT  
(SAWED OR FORMED)

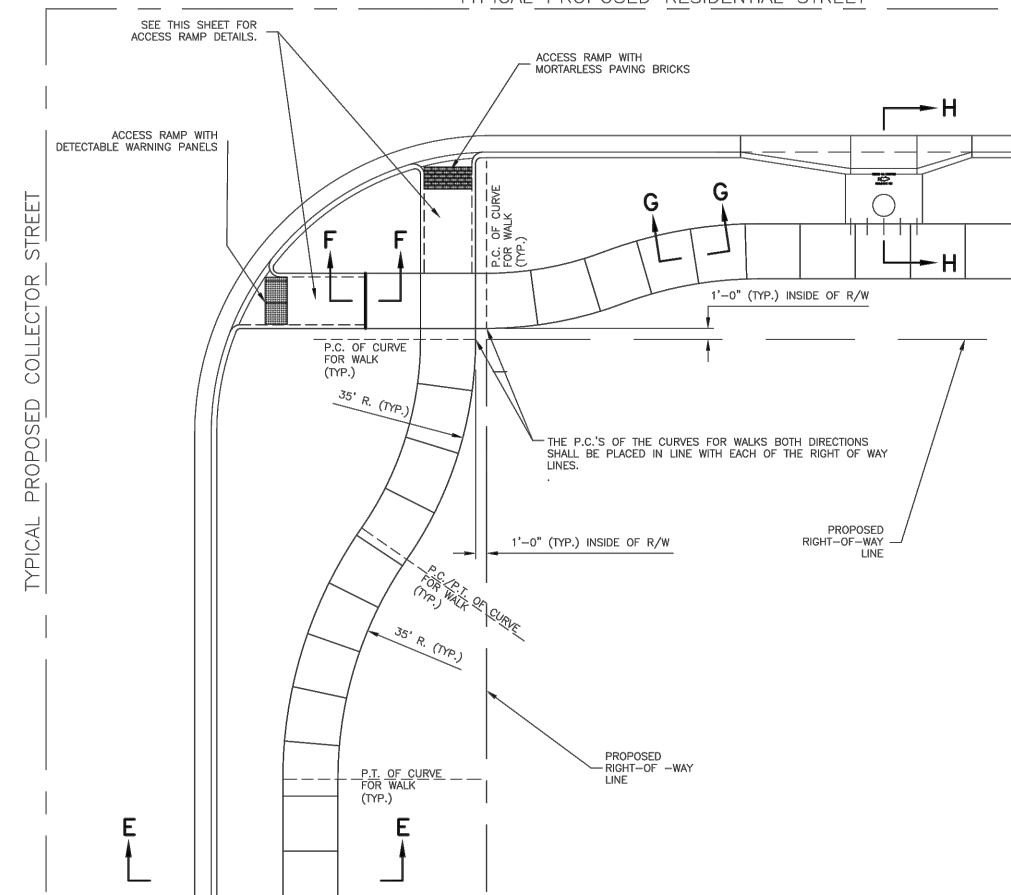


SECTION H-H  
SIDEWALK TO INLET DOWELING DETAIL

SIDEWALK GENERAL NOTES

1. CONSTRUCTION JOINTS SHALL BE PLACED IN 5'-0" WIDE SIDEWALKS AT A MINIMUM OF 5'-0" INTERVALS. WHEN OTHER WIDTHS OF SIDEWALK ARE USED, CONSTRUCTION JOINTS SHALL BE PLACED AS DIRECTED BY THE CITY ENGINEER OR AN AUTHORIZED REPRESENTATIVE.
2. ISOLATION JOINTS SHALL BE PLACED AT ALL LOCATIONS WHERE SIDEWALK ABUTS EXISTING STRUCTURES AND AS DIRECTED BY THE CITY ENGINEER OR AN AUTHORIZED REPRESENTATIVE.
3. ACCESS RAMPS SHALL BE CONSTRUCTED AT ALL LOCATIONS WHERE SIDEWALKS INTERSECT NEW STREET CONSTRUCTION AND AS OTHERWISE SHOWN ON THE PLANS.

TYPICAL PROPOSED RESIDENTIAL STREET



## GENERAL SIDEWALK LAYOUT PLAN

C.9.2 SHEET 121 OF 142

DATE	BY	REVISION
02-08-13	LJM	CITY ENGINEER'S NAME UPDATED
12-17-10	LJM	CITY LOGO UPDATED
03-20-08	LJM	REPLACES ALL PREVIOUS VERSIONS OF SIDEWALK DETAILS

CITY OF LAWRENCE, KANSAS  
ENGINEERING DIVISION OF PUBLIC WORKS

Rev #1, Dec 9, 2016  
STANDARD DETAILS FOR  
CONCRETE SIDEWALKS

DAVID P. CRONIN  
CITY ENGINEER

**DAVID L. CORLISS**  
CITY MANAGER