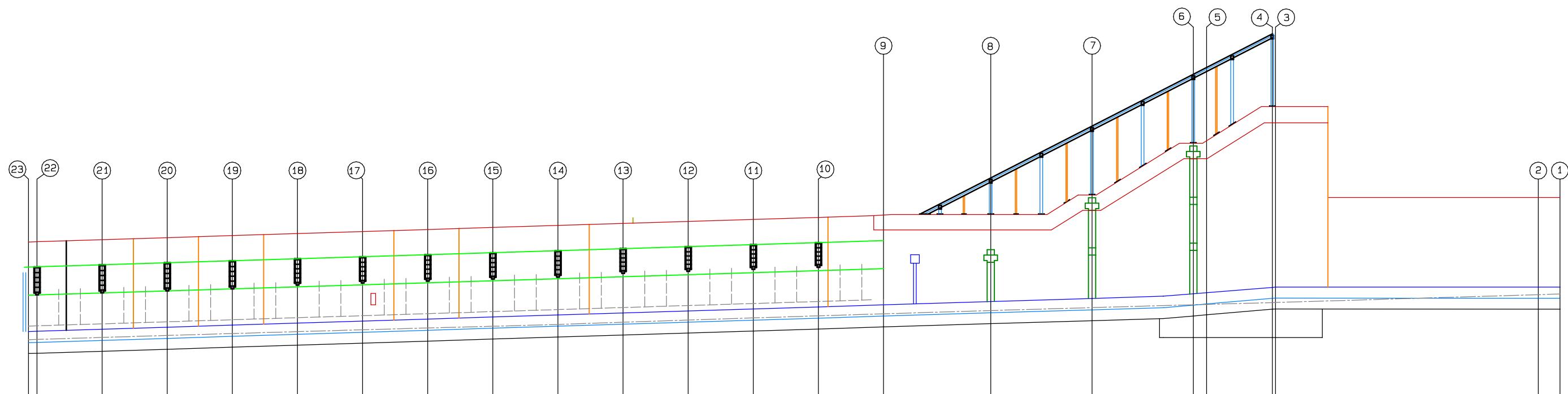


# WB Transit Station at 92nd Crash Wall Lift Drawings

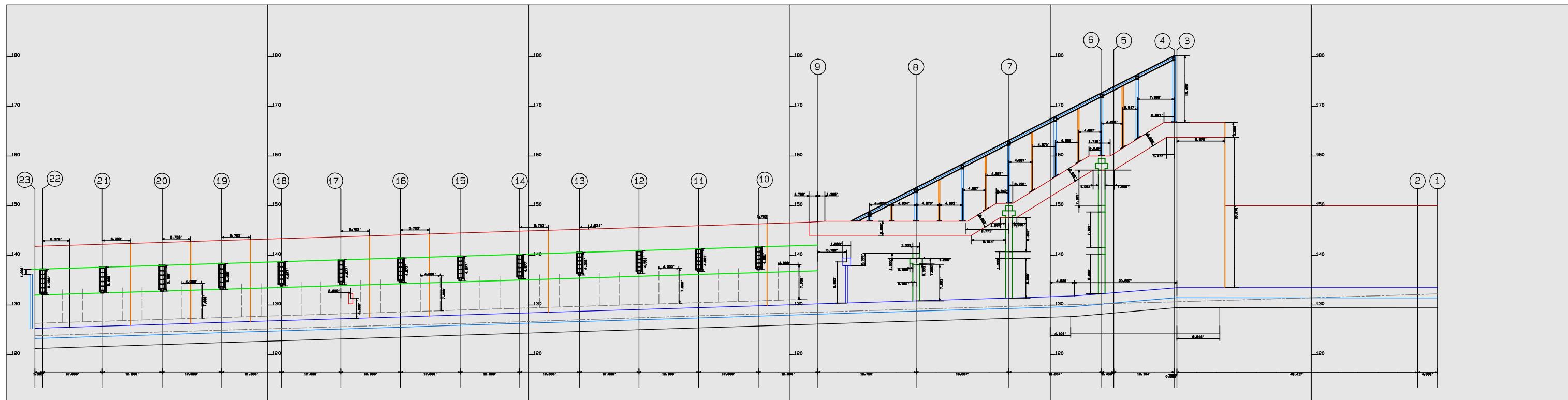


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# KEY MAP

March 19th, 2013  
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Sheet 1

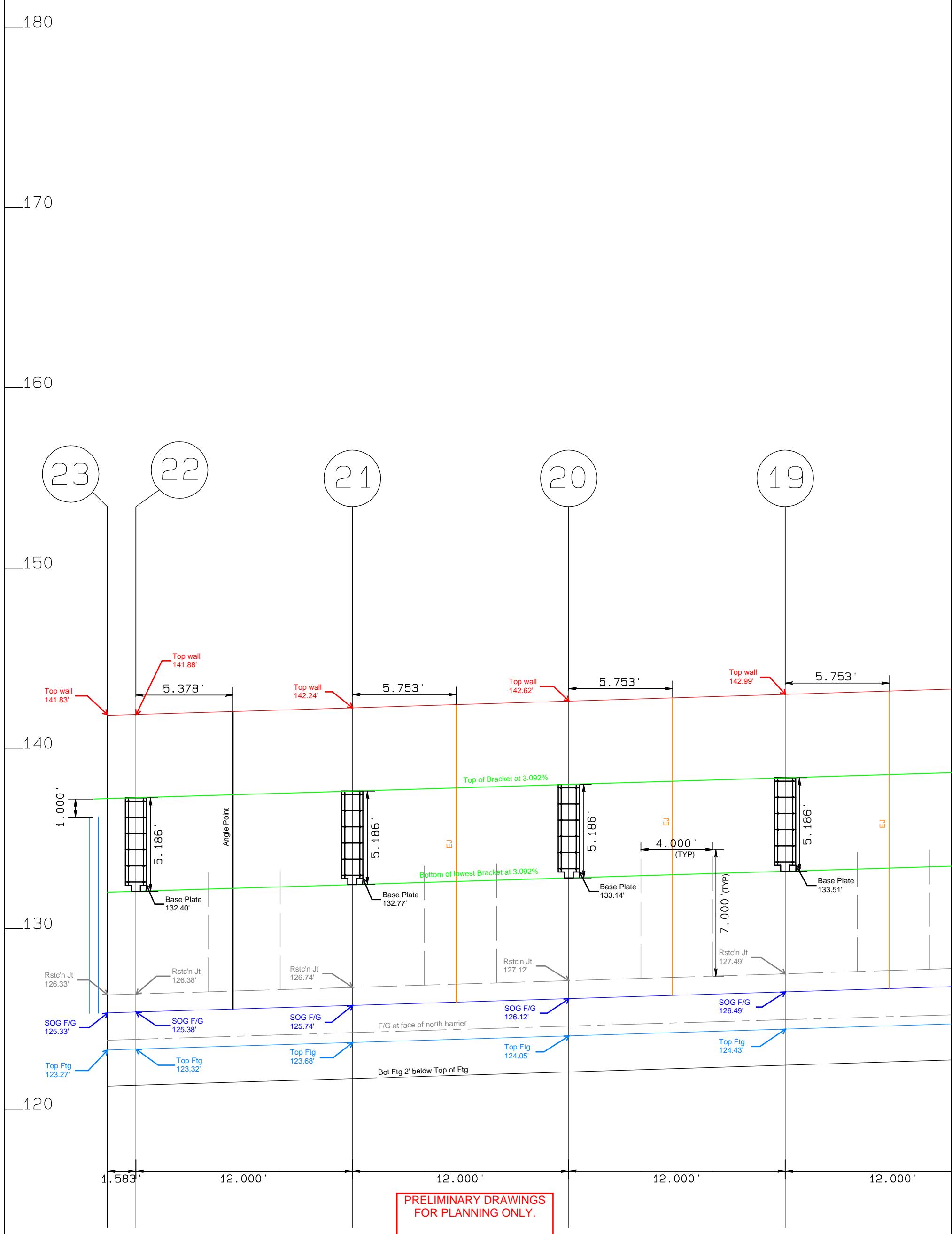
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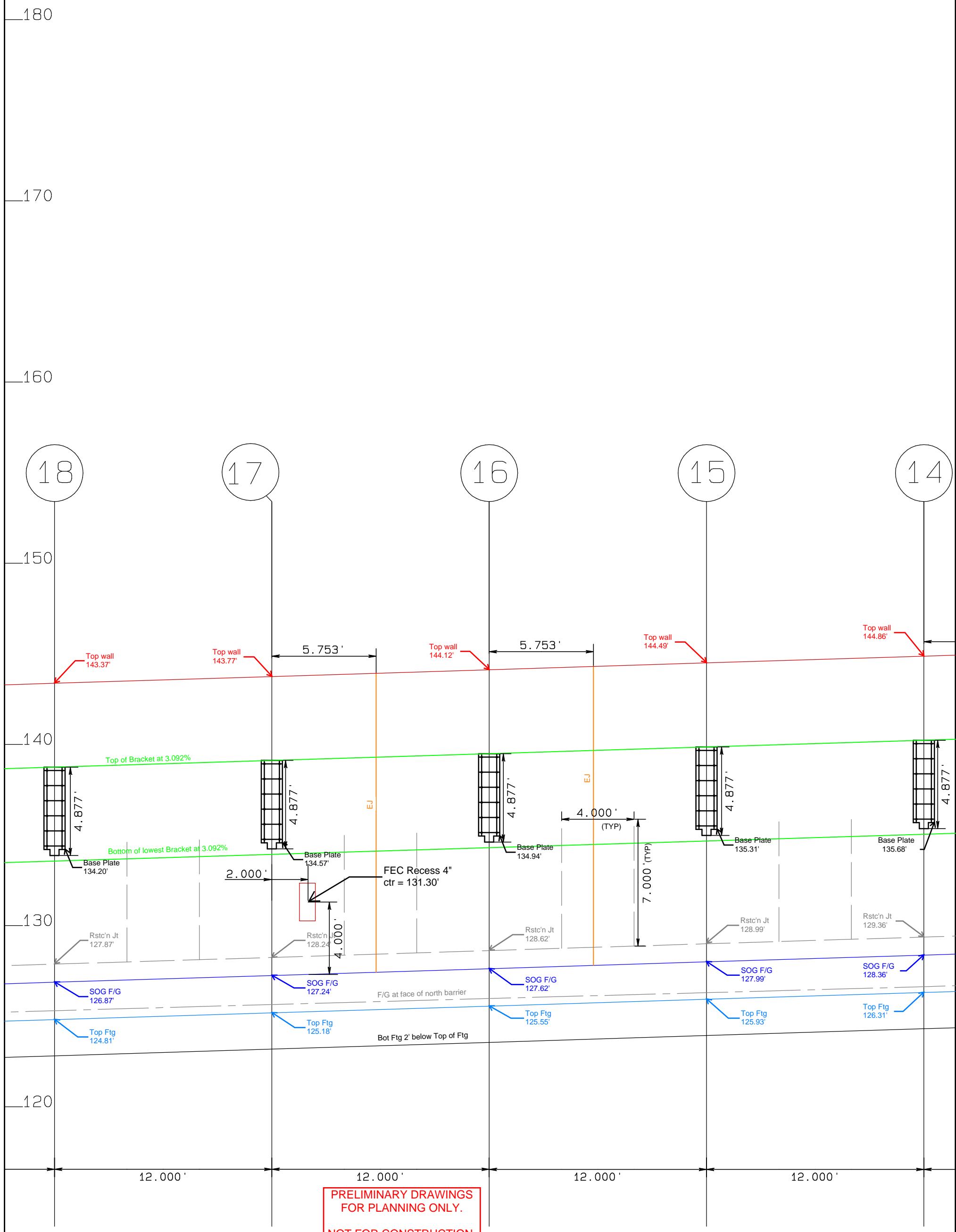
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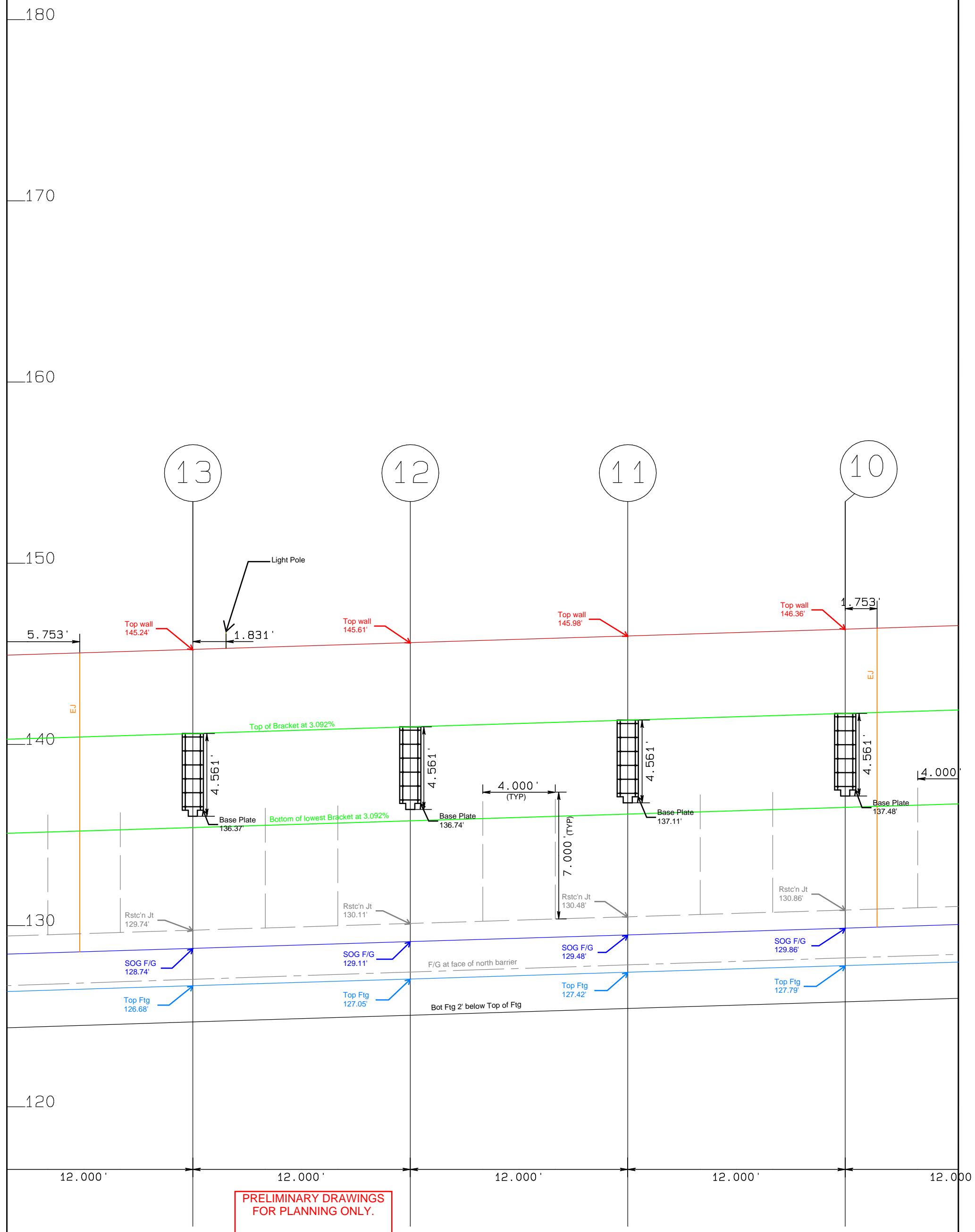
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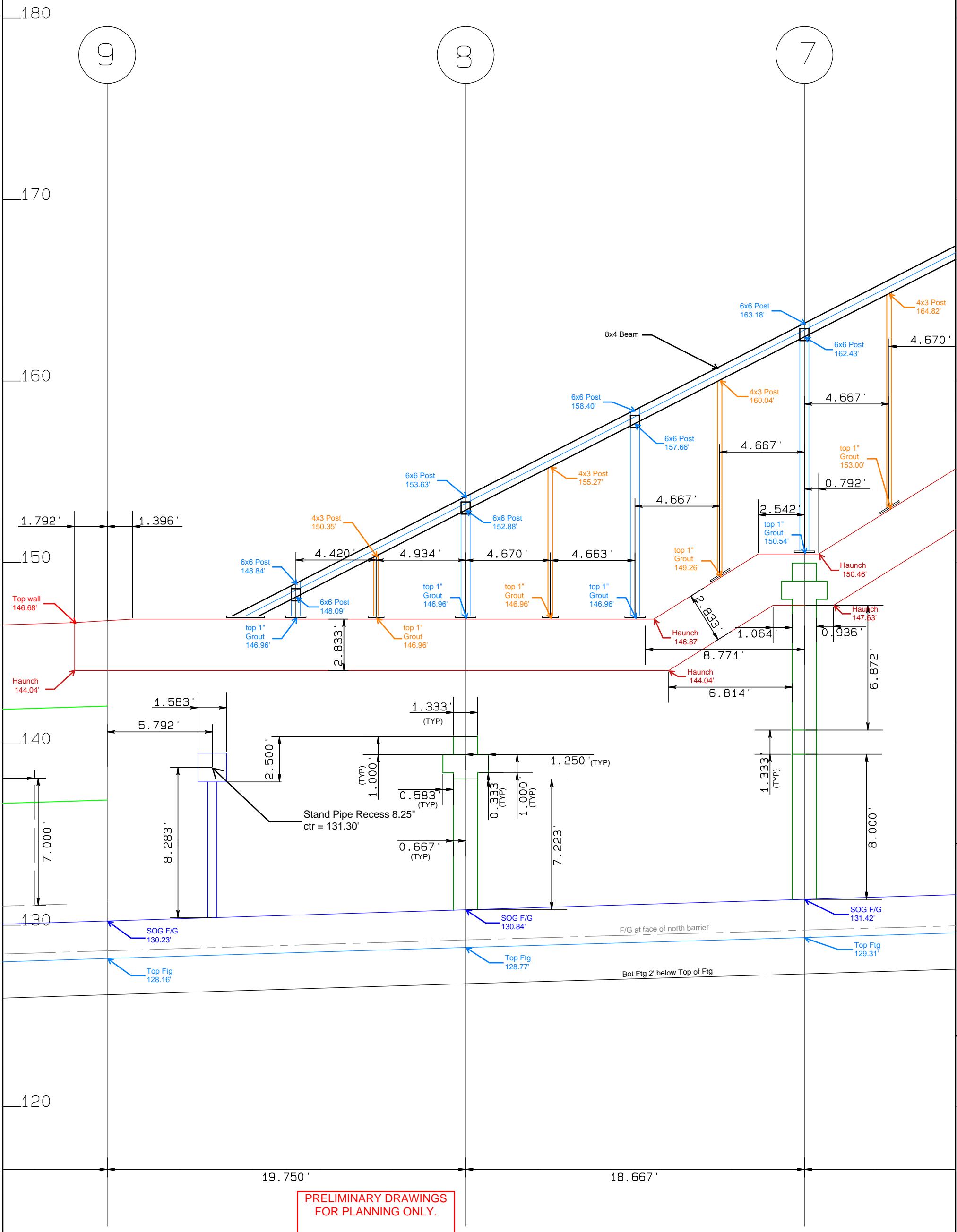
Sheet 5

Sheet 6





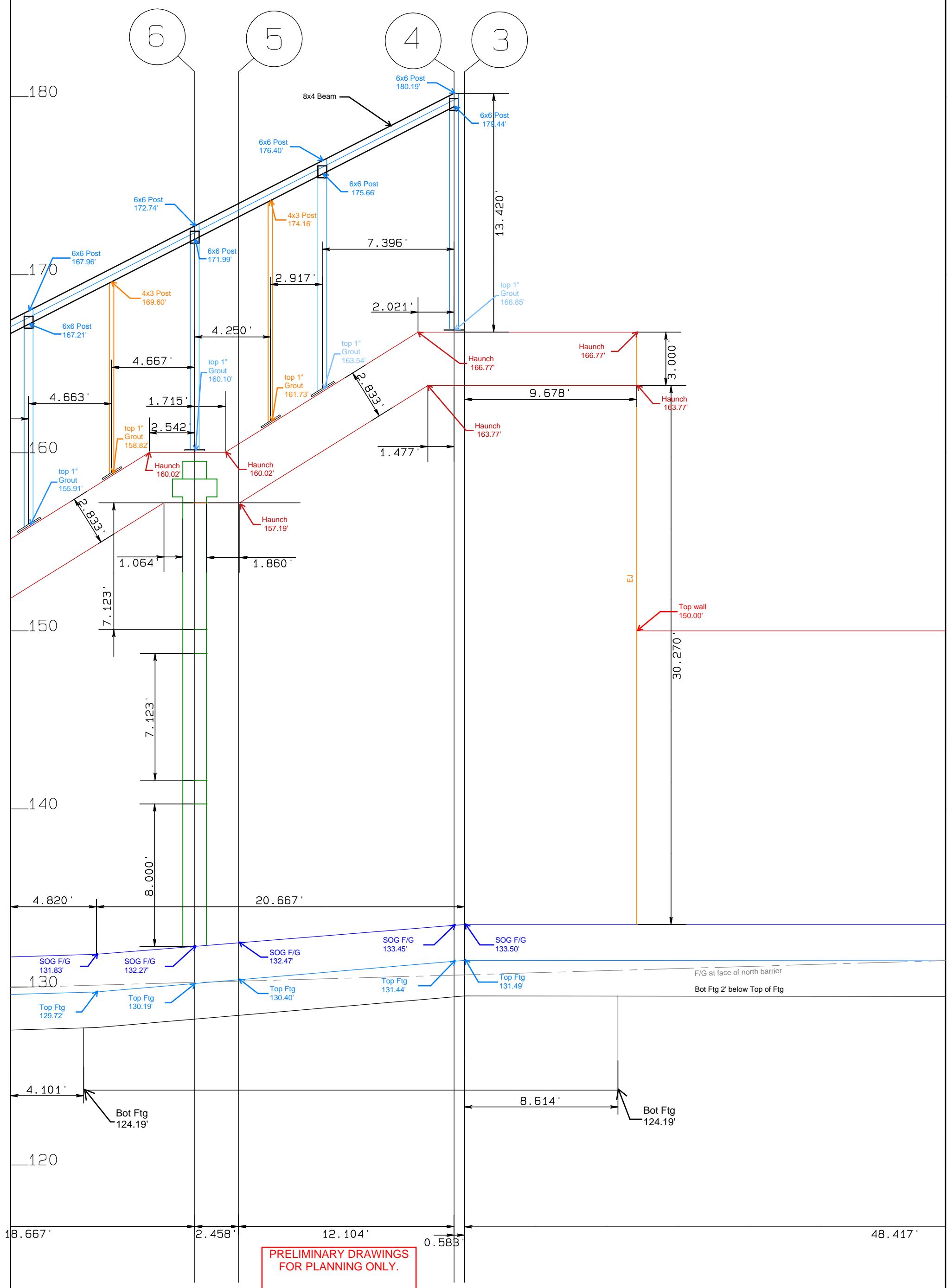




PRELIMINARY DRAWINGS  
FOR PLANNING ONLY

NOT FOR CONSTRUCTION

MARCH 10, 2013



180

170

160

150

140

130

120

2      1

Top wall 150.00'      Top wall 150.00'

SOG F/G 133.50'      SOG F/G 133.50'  
F/G at face of north barrier  
Top Ftg 131.44'      Top Ftg 131.44'  
Bot Ftg 2' below Top of Ftg

4.000'

PRELIMINARY DRAWINGS  
FOR PLANNING ONLY.

NOT FOR CONSTRUCTION.

MARCH 19, 2013

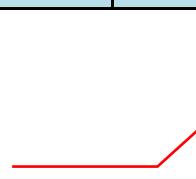
# SOG Elevation

March 19th, 2013

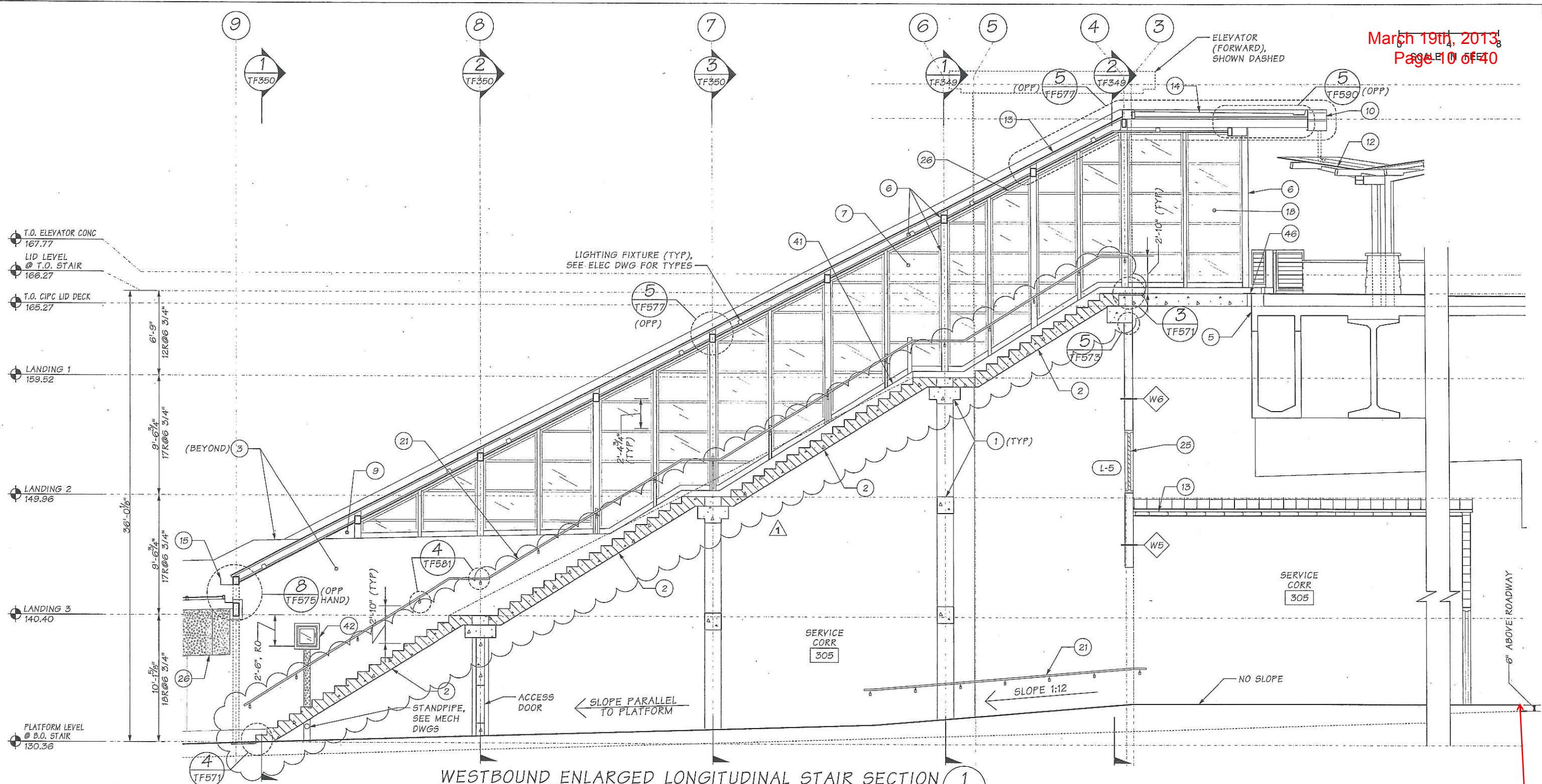
Page 9 of 40

ROAD ALIGNMENT to get to BFOC of Transit Station at 92 WB							GRIDLINE LAYOUT Information From TFOC of Platform to SOG at face of Crash Wall										
Grid#	Alignment	Station	Offset	Elevation	Descriptor	Northing	Easting	Elevation	Distance	Descriptor	Northing	Easting	Elevation	Distance	Descriptor	Northing	Easting
23	TWKX	229935.31	-0.80	124.15	BFOC	564658.13	1627000.00	125.23	0	TFOC	564658.13	1627000.00	125.33	9.61	SOG	564666.91	1626996.11
22	TWKX	229936.90	-0.76	124.19	BFOC	564658.77	1627001.46	125.28	0	TFOC	564658.77	1627001.46	125.38	9.71	SOG	564667.65	1626997.51
21	TWKX	229948.90	-0.48	124.56	BFOC	564663.65	1627012.42	125.64	0	TFOC	564663.65	1627012.42	125.74	10.04	SOG	564672.82	1627008.34
20	TWKX	229960.89	-0.26	124.93	BFOC	564668.52	1627023.39	126.01	0	TFOC	564668.52	1627023.39	126.12	10.71	SOG	564678.31	1627019.04
19	TWKX	229972.89	-0.11	125.29	BFOC	564673.39	1627034.35	126.38	0	TFOC	564673.39	1627034.35	126.49	11.49	SOG	564683.79	1627029.74
18	TWKX	229984.90	0.00	125.66	BFOC	564678.25	1627045.34	126.75	0	TFOC	564678.25	1627045.34	126.87	12.07	SOG	564689.27	1627040.43
17	TWKX	229996.89	0.00	126.03	BFOC	564683.14	1627056.29	127.12	0	TFOC	564683.14	1627056.29	127.24	12.04	SOG	564694.14	1627051.40
16	TWKX	230008.89	0.00	126.41	BFOC	564688.01	1627067.25	127.49	0	TFOC	564688.01	1627067.25	127.62	12.71	SOG	564699.62	1627062.09
15	TWKX	230020.89	0.00	126.78	BFOC	564692.88	1627078.22	127.86	0	TFOC	564692.88	1627078.22	127.99	13.38	SOG	564705.11	1627072.79
14	TWKX	230032.89	0.00	127.15	BFOC	564697.76	1627089.19	128.23	0	TFOC	564697.76	1627089.19	128.36	13.38	SOG	564709.98	1627083.75
13	TWKX	230044.89	0.00	127.52	BFOC	564702.63	1627100.15	128.60	0	TFOC	564702.63	1627100.15	128.74	14.04	SOG	564715.46	1627094.45
12	TWKX	230056.89	0.00	127.89	BFOC	564707.50	1627111.12	128.97	0	TFOC	564707.50	1627111.12	129.11	14.04	SOG	564720.33	1627105.42
11	TWKX	230068.89	0.00	128.26	BFOC	564712.37	1627122.08	129.34	0	TFOC	564712.37	1627122.08	129.48	14.04	SOG	564725.21	1627116.38
10	TWKX	230080.89	0.00	128.63	BFOC	564717.25	1627133.05	129.71	0	TFOC	564717.25	1627133.05	129.86	14.04	SOG	564730.08	1627127.35
9	TWKX	230092.89	0.00	129.00	BFOC	564722.12	1627144.02	130.09	0	TFOC	564722.12	1627144.02	130.23	14.71	SOG	564735.56	1627138.04
8	TWKX	230112.64	0.00	129.61	BFOC	564730.14	1627162.07	130.70	0	TFOC	564730.14	1627162.07	130.84	14.71	SOG	564743.58	1627156.09
7	TWKX	230131.31	0.00	130.19	BFOC	564737.72	1627179.12	131.27	0	TFOC	564737.72	1627179.12	131.42	14.71	SOG	564751.16	1627173.15
6	TWKX	230149.97	0.00	130.77	BFOC	564745.30	1627196.18	132.13	0	TFOC	564745.30	1627196.18	132.27	14.71	SOG	564758.74	1627190.21
5	TWKX	230152.43	0.00	130.84	BFOC	564746.30	1627198.43	132.33	0	TFOC	564746.30	1627198.43	132.47	14.71	SOG	564759.74	1627192.46
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3	TWKX	230165.12	0.00	131.24	BFOC	564751.45	1627210.02	133.35	0	TFOC	564751.45	1627210.02	133.50	14.71	SOG	564764.89	1627204.05
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1	TWKX	230217.54	0.00	132.86	BFOC	564772.73	1627257.92	133.35	0	TFOC	564772.73	1627257.92	133.50	14.71	SOG	564786.17	1627251.95

Under Revision



March 19th, 2013  
Page 10 of 40



SR 520 JOB NO. 7963 SHEET 1 OF 1

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DESIGNED BY:	G. HILL		
ENTERED BY:	T. COHEN		
CHECKED BY:	Y. LEE		
DQAM AUDIT DATE:	P31c4, STAIR REVISIONS, N148 92nd TRANSIT STATION DESIGN, P31c4, RFC	02/24/12 01/27/12	A 0
DESIGN MGR:	B. STEIN	03/21/12	

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	(AC)NH-0520(046)
		JOB NUMBER 10A027
		CONTRACT NO. 7963
		LOCATION NO. XL3390

3807  
CCN  
031212



SR 520  
MEDINA TO SR 405 VICINITY  
EASTSIDE TRANSIT AND HOV  
92nd AVENUE NE TRANSIT STATION  
WB LONGITUDINAL STAIR SECTION

PLAN REF NO  
TF347  
SHEET  
OF  
SHEETS

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DESIGNED BY:	N.GALER		
ENTERED BY:	J. WALTERS		
CHECKED BY:	G. BANSEMER		
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DESIGN MGR:	B. STEIN	92TF, P31c3, RFC	DESCRIPTION

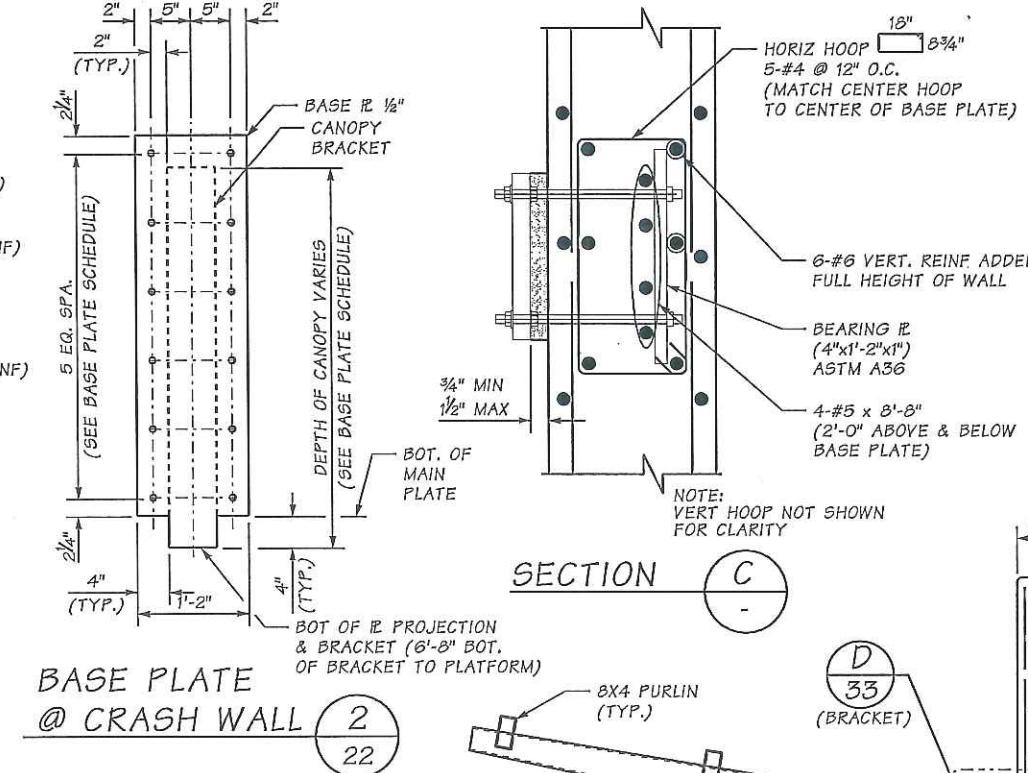
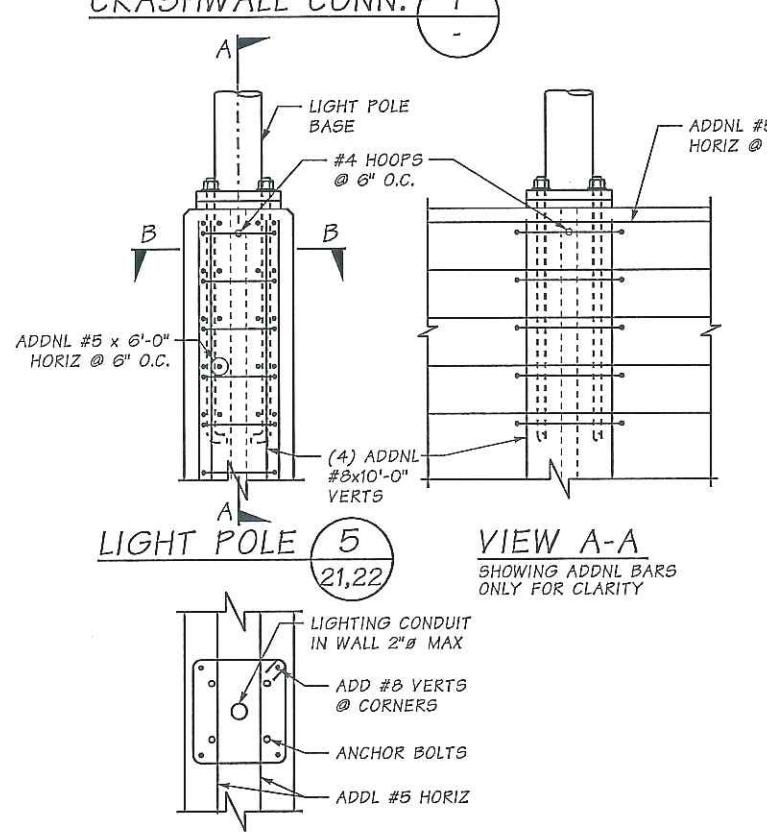
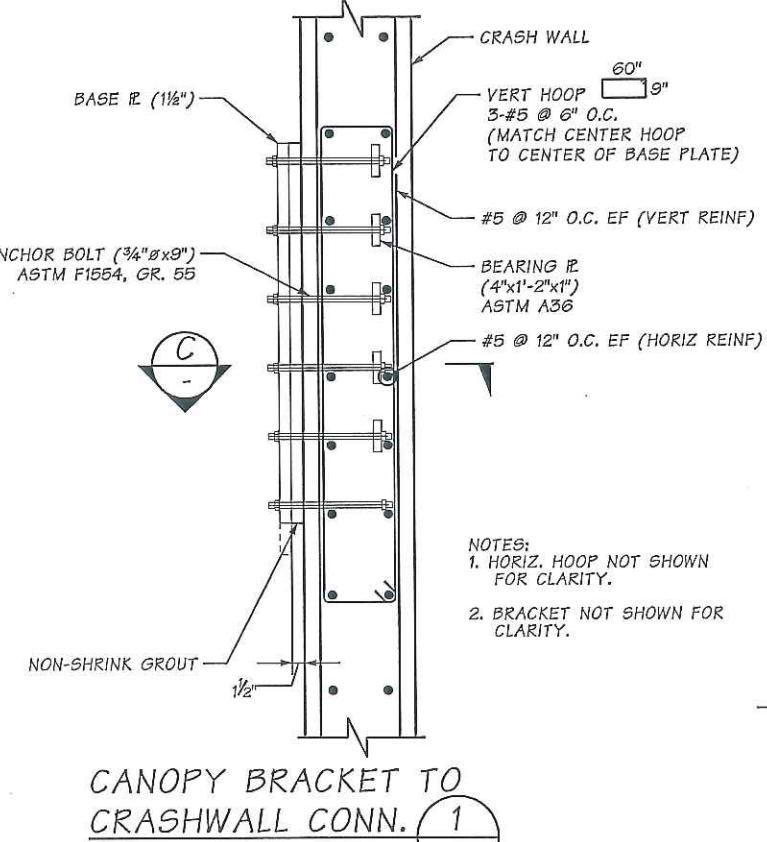
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JOB NUMBER		CONTRACT NO.
10A027		7963
LOCATION NO.		
XL3390		
ENGINEER OF RECORD	DESIGN ENGINEER	
20849	48407	
PROFESSIONAL ENGINEER	PROFESSIONAL ENGINEER	
REGISTERED	REGISTERED	



SR 520  
MEDINA TO SR 405 VICINITY  
EASTSIDE TRANSIT AND HOV  
92nd AVENUE NE TRANSIT STATION  
CRASH WALL & PLATFORM SECTIONS

NOTES:  
 1. FOR SIGN MOUNTING DETAILS SEE ND03F.  
 2. FOR LIGHT POLE DETAILS SEE ELECTRICAL.  
 3. SEE ARCHITECTURAL PLANS FOR RECESSES & REVEALS IN CRASH WALLS.

March 19th, 2013  
Page 11 of 40



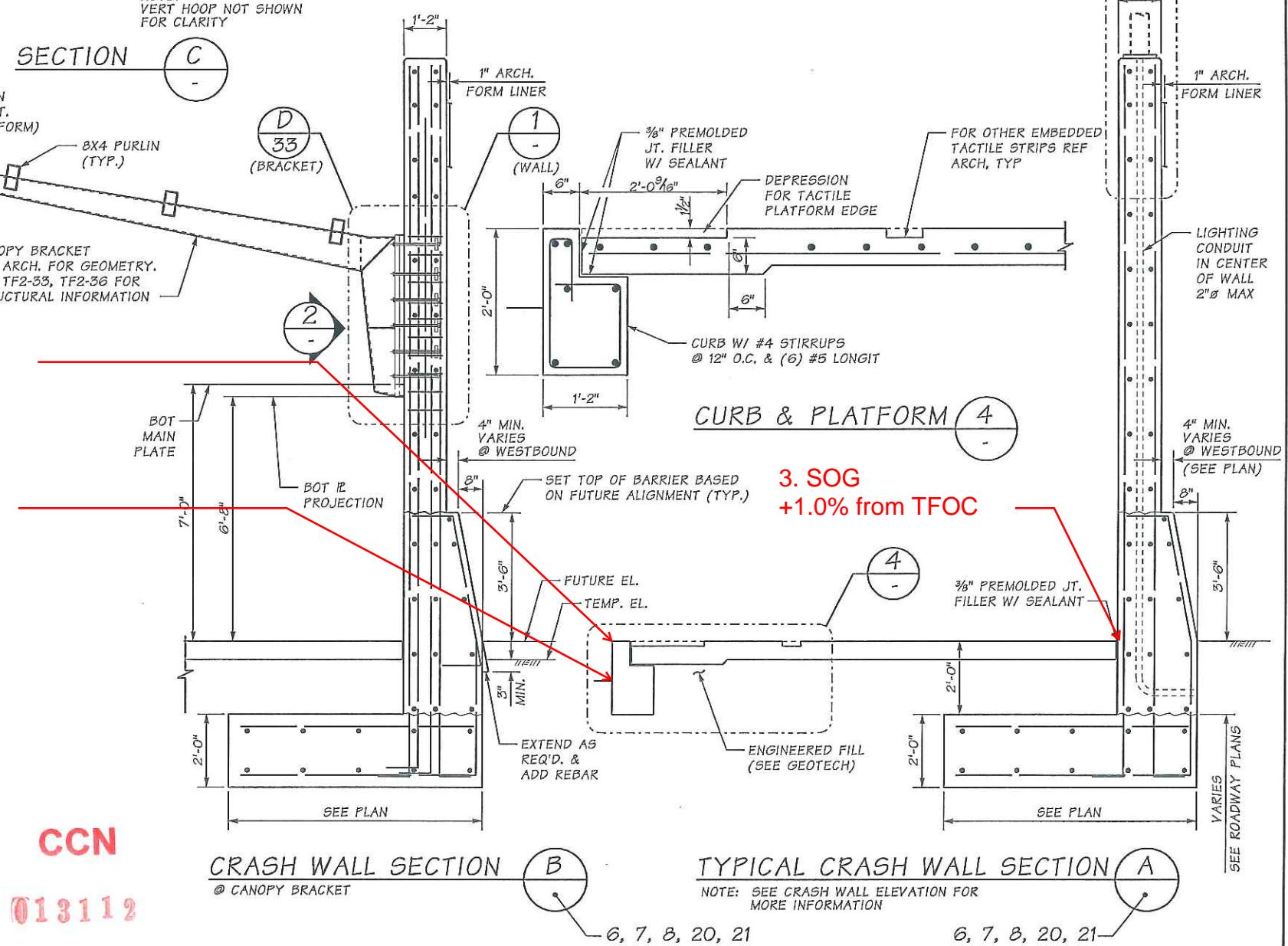
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1'-1" curb every except  
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previous page

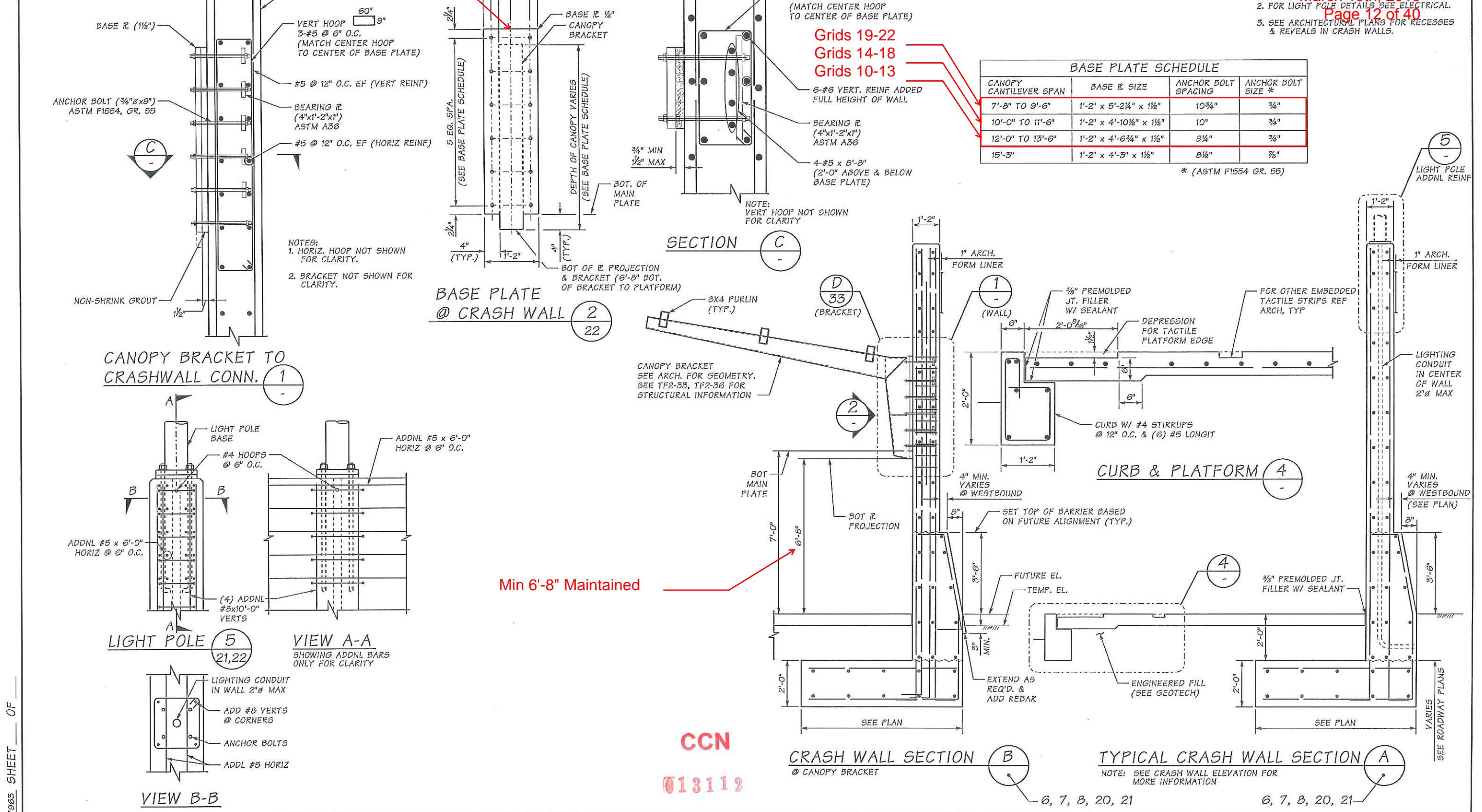
1.BFOC  
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slope to face of curb

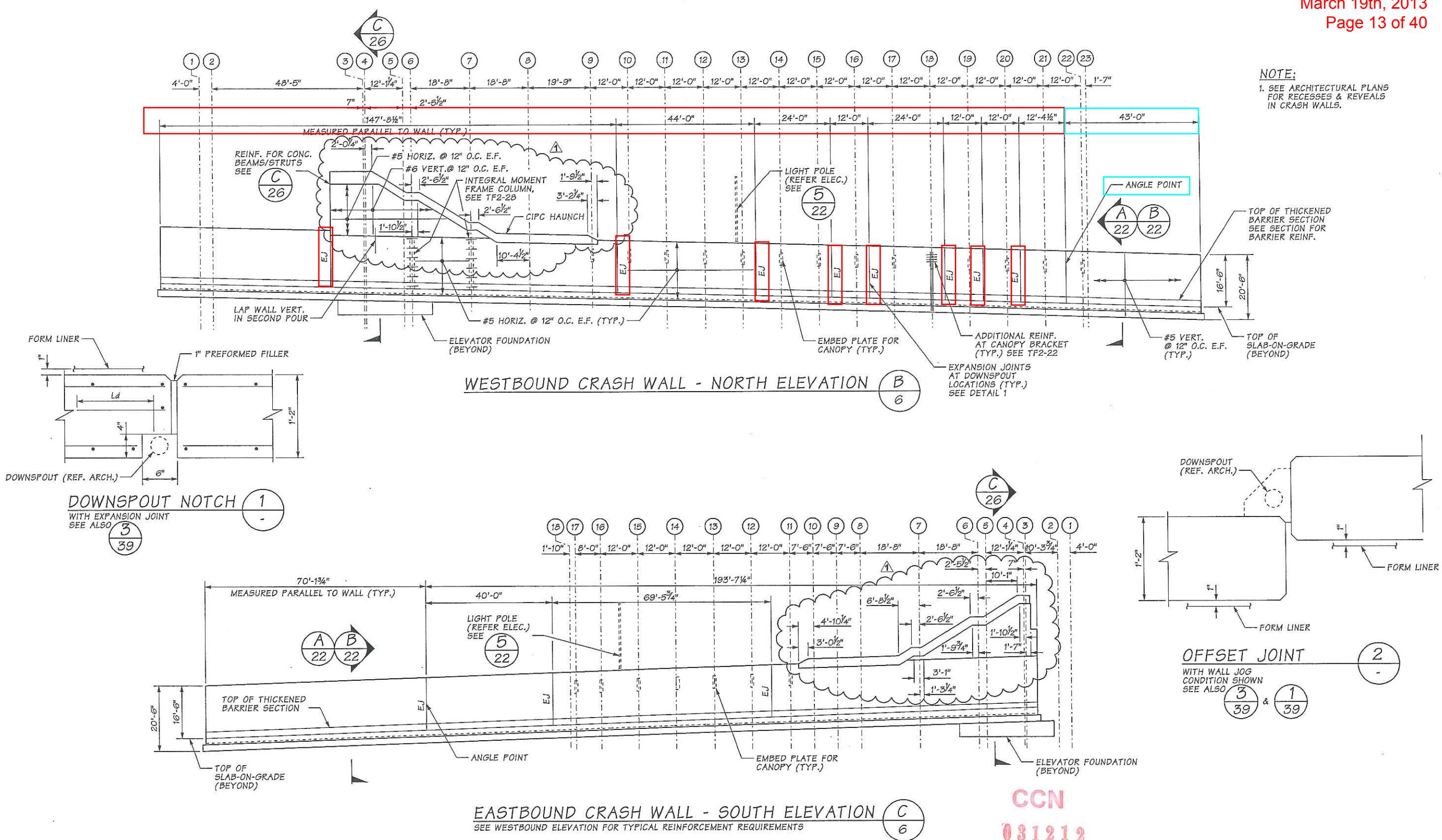
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BASE PLATE SCHEDULE			
CANOPY CANTILEVER SPAN	BASE PLATE SIZE	ANCHOR BOLT SPACING	ANCHOR BOLT SIZE *
7'-8" TO 9'-6"	1'-2" x 5'-2 1/4" x 1 1/2"	10 1/4"	3/4"
10'-0" TO 11'-6"	1'-2" x 4'-10 1/2" x 1 1/2"	10"	3/4"
12'-0" TO 13'-6"	1'-2" x 4'-6 3/4" x 1 1/2"	9 1/4"	3/4"
15'-3"	1'-2" x 4'-3" x 1 1/2"	8 1/2"	7/8"

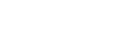
\* (ASTM F1554 GR. 55)





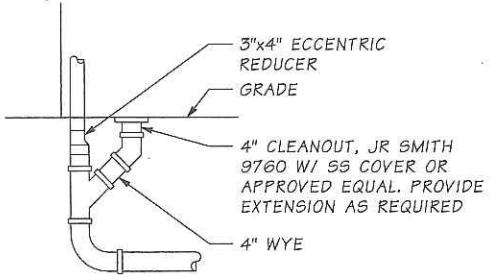


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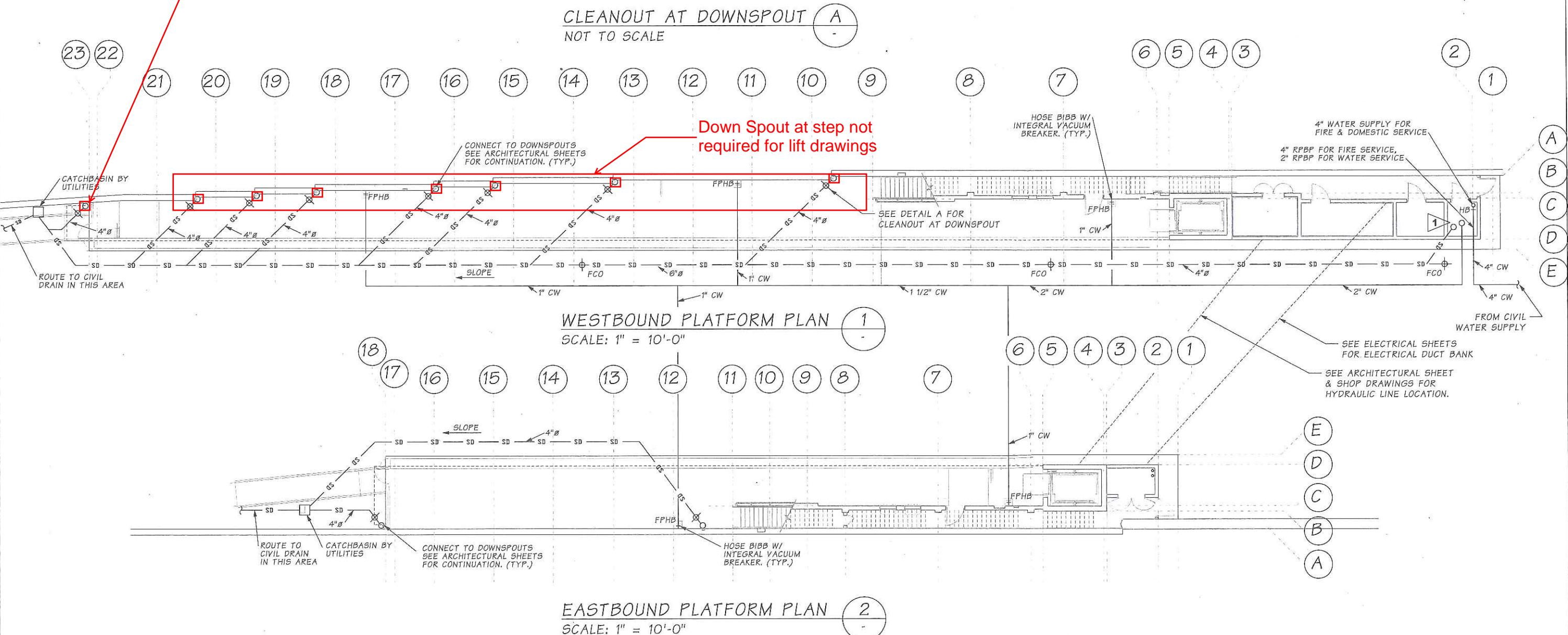
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PLOTTED BY:	maudar				JOB NUMBER <b>10A027</b>		CONTRACT NO.	LOCATION NO.		 Eastside Corridor Constructors	<b>CRASH WALL ELEVATIONS</b> <b>AND DETAILS</b>			
DESIGNED BY:	N. GALER						7963	XL3390						
ENTERED BY:	M. AUDAR													
CHECKED BY:	G. BANSEMER	REVISIONS, P31c3, N148			02/21/2012	A								
DQAM AUDIT DATE:	2/23/12	92TF, P31c3, RFC			01/27/2012	O								
DESIGN MGR:	B. STEIN	DESCRIPTION			DATE	NO.								

Horizontal Location needs to be verified. From incomplete details, height of top of downspout seems to be 1' from top of canopy.

Detail on next page



A horizontal line segment representing a scale drawing. It starts at a point labeled '0' and ends at a point labeled '20'. The distance between '0' and '20' is divided into two equal segments by a tick mark at '10'. Below the line, the text 'SCALE IN FEET' is written in capital letters.



SR 520 JOB NO. 7965 SHEET — OF —

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DESIGNED BY:	B.ROUSH	
ENTERED BY:	S.WOODARD	
CHECKED BY:	M.ESHELMAN	
DQAM AUDIT DATE:	RJM 1/30/12 92nd TR	
DESIGN MGR:	B. STEIN 1/30/12	

PLEASE FOR CONSTRUCTION REC

REGION

STATE FED AIR BRIEFING

**ASH** [www.ash.org](http://www.ash.org) | [www.ash.org/ASH2013](http://www.ash.org/ASH2013)

(AC)NH-0520(046)

CCN

020312



Washington State

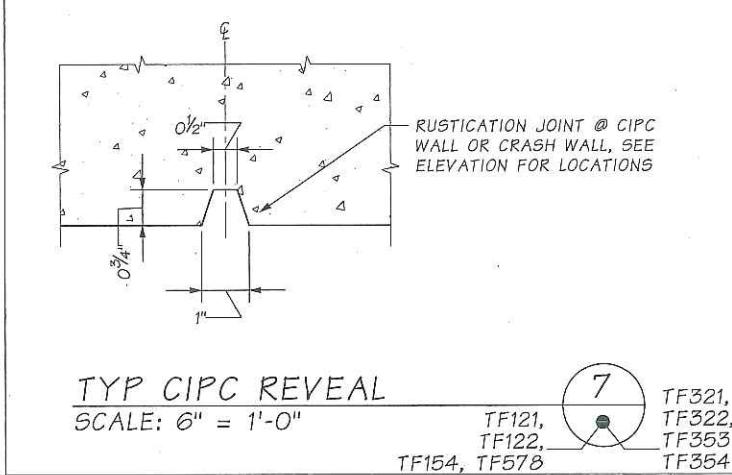
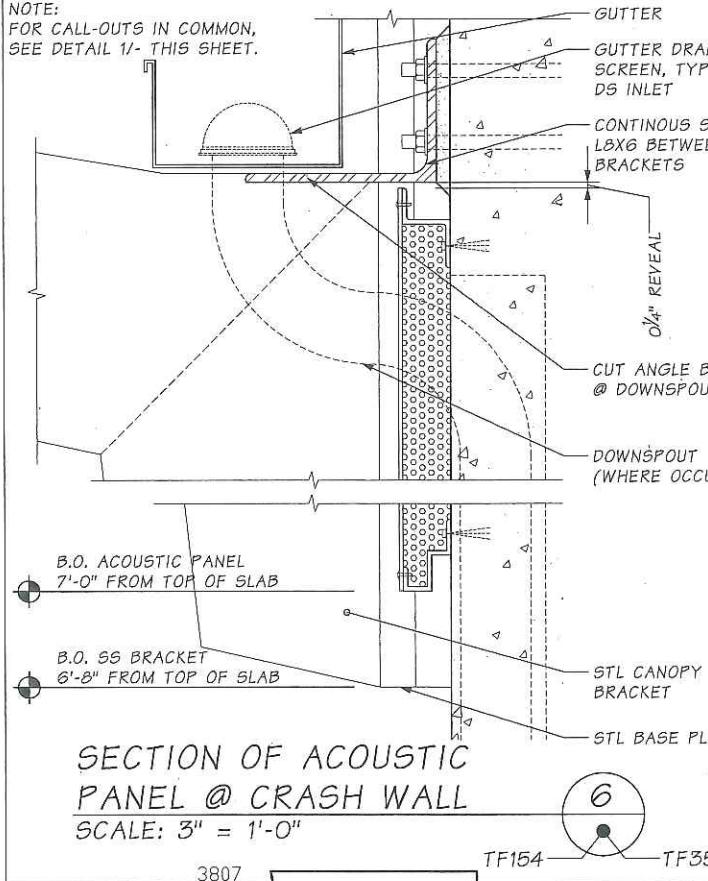
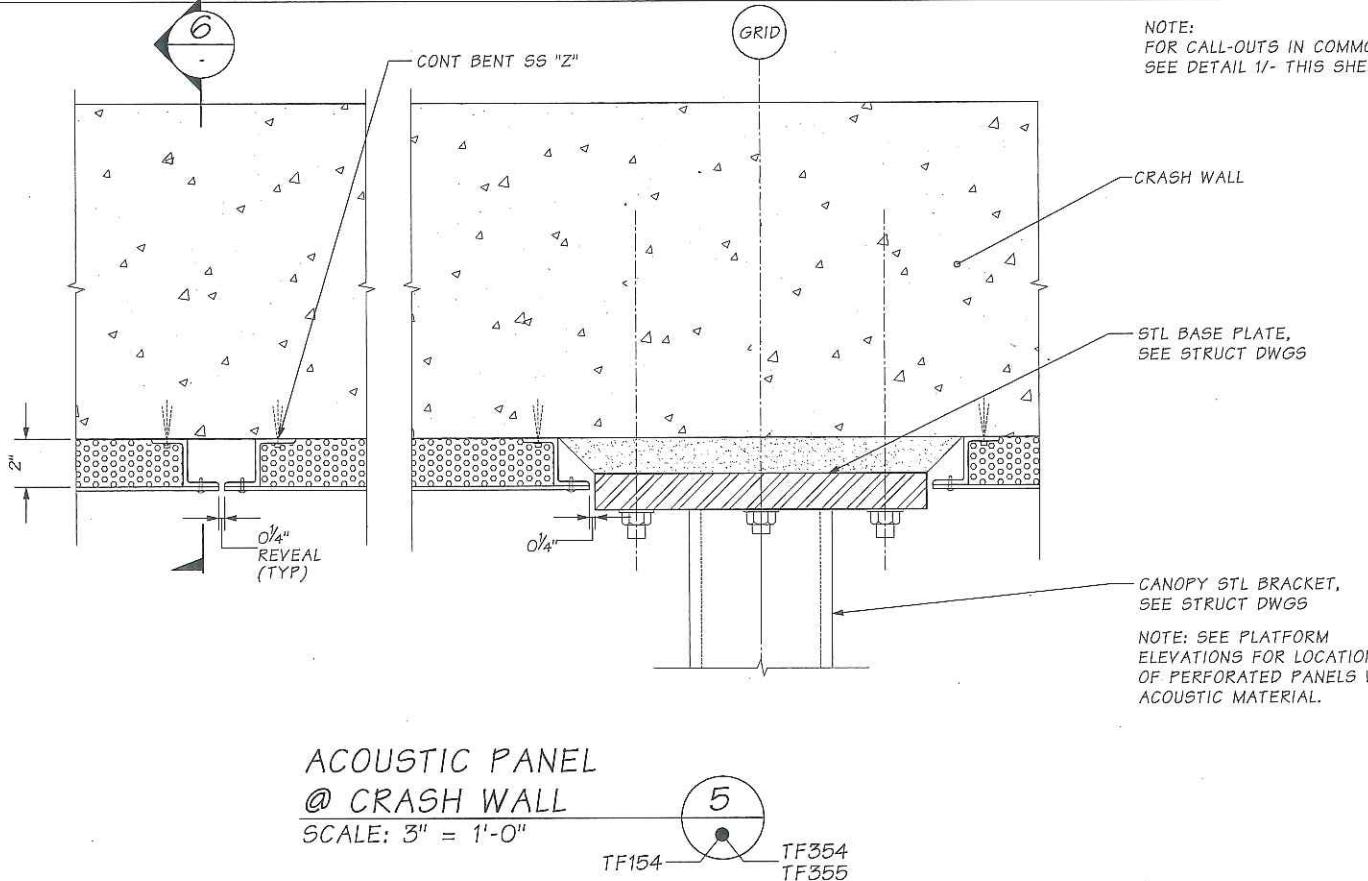
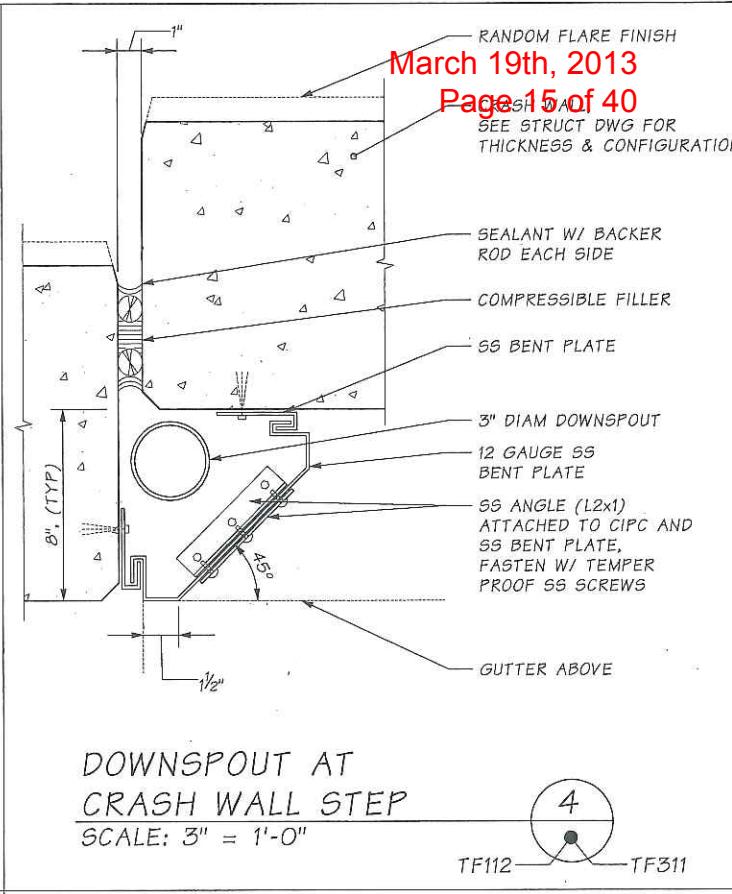
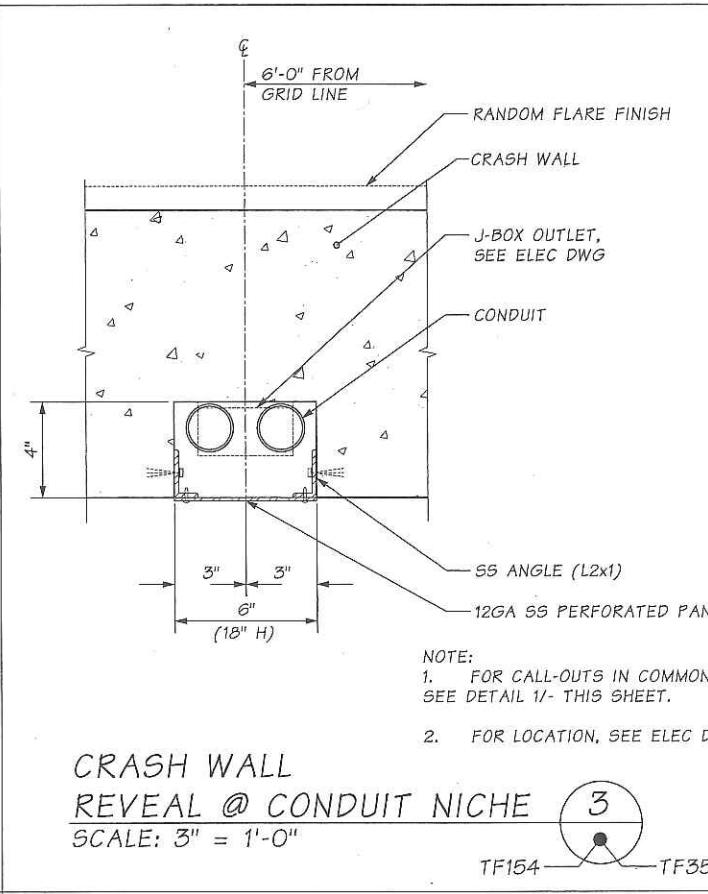
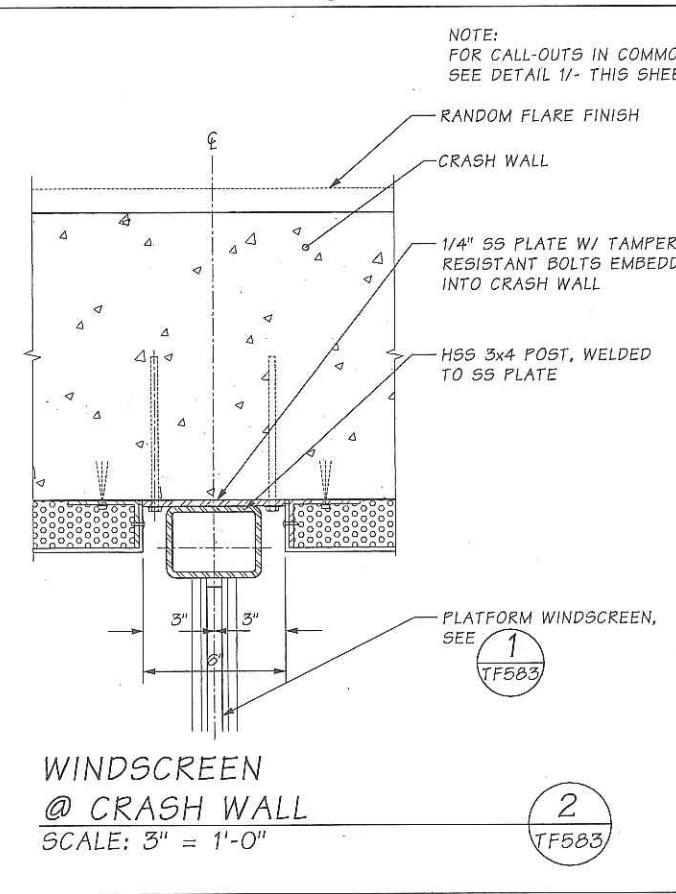
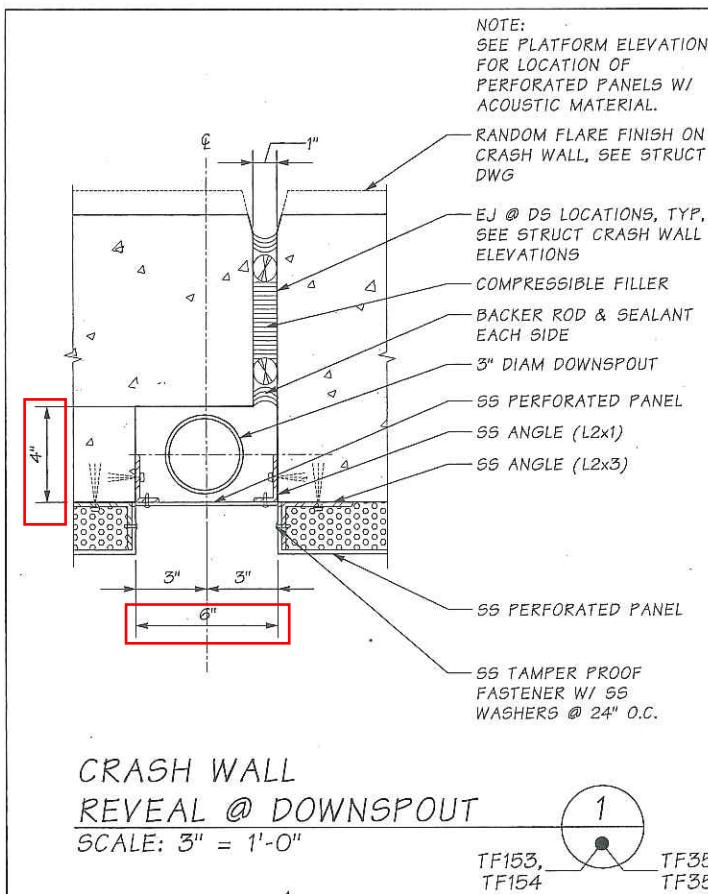
Washington State  
Department of Transportation

Eastside Corridor Constructors

**SR 520  
MEDINA TO SR 405 VICINITY  
EASTSIDE TRANSIT AND HOV  
92nd AVENUE NE TRANSIT STATION**

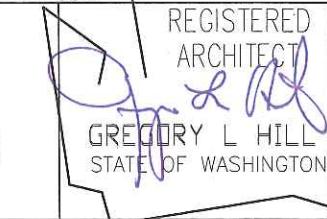
## PLATFORM PLUMBING PLANS

PLAN REF NO  
**TF38-1**  
SHEET  
OF  
SHEETS



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DESIGNED BY:	G. HILL		CONTRACT NO.		
ENTERED BY:	T. HARKIN		LOCATION NO.		
CHECKED BY:	Y. LEE		7963		XL3390
DQAM AUDIT DATE:	1/31/12	01/27/12	0		
DESIGN MGR:	B. STEIN	DESCRIPTION	DATE	NO.	

CCN  
020312

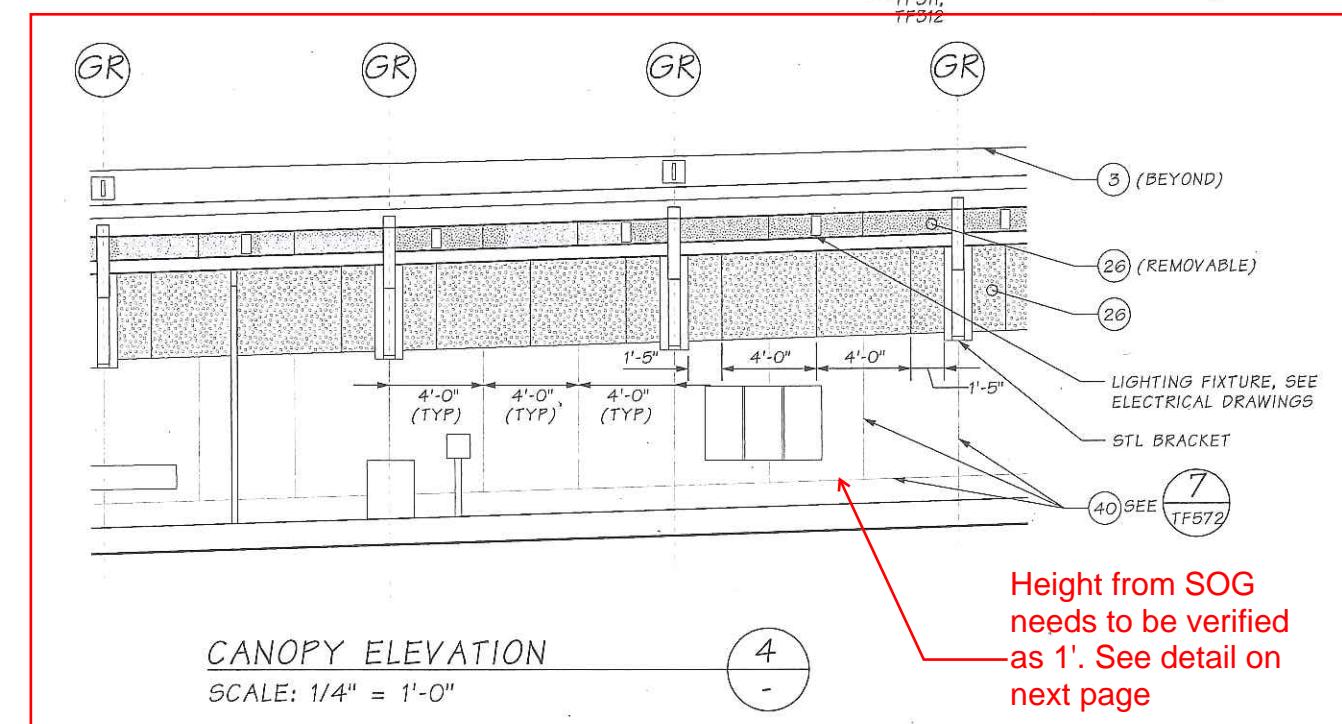
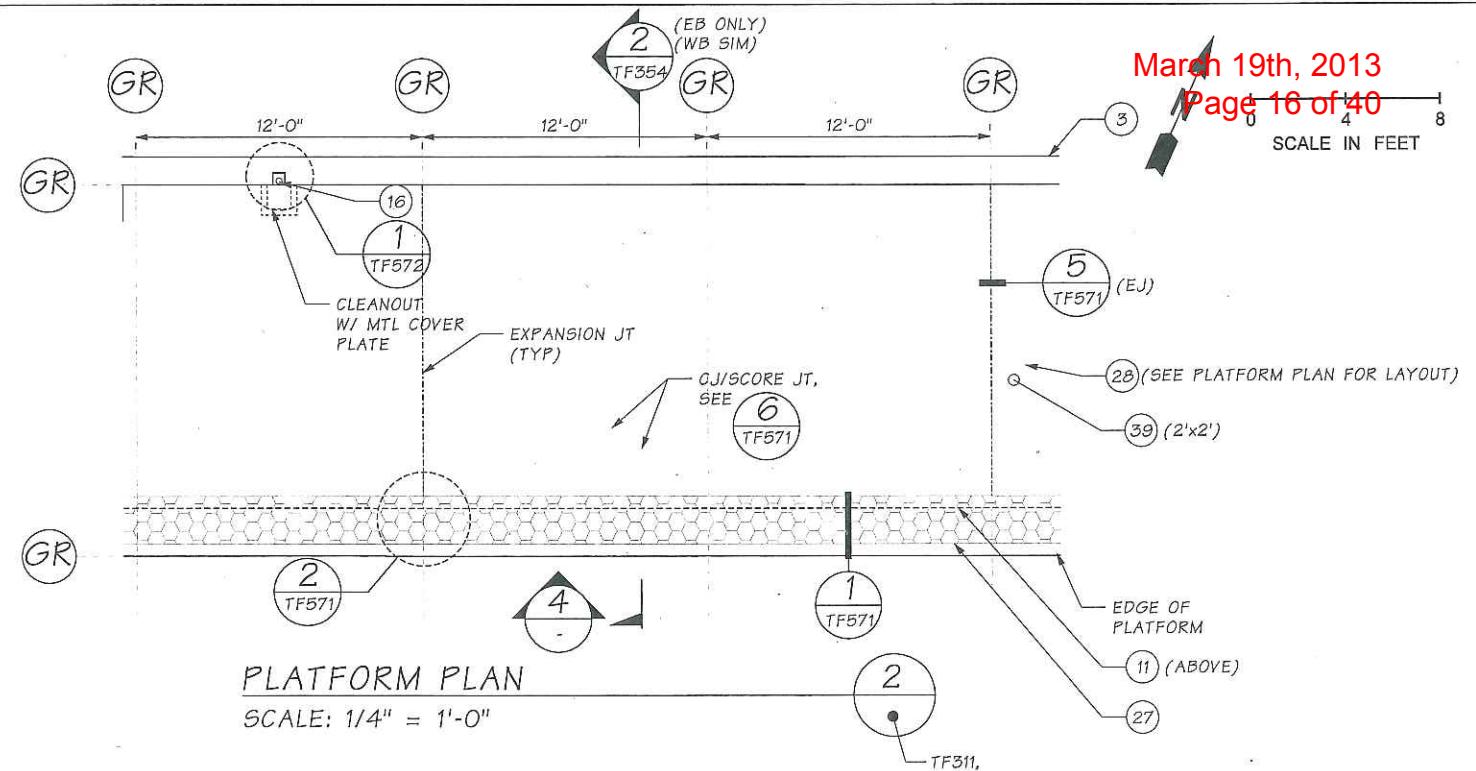
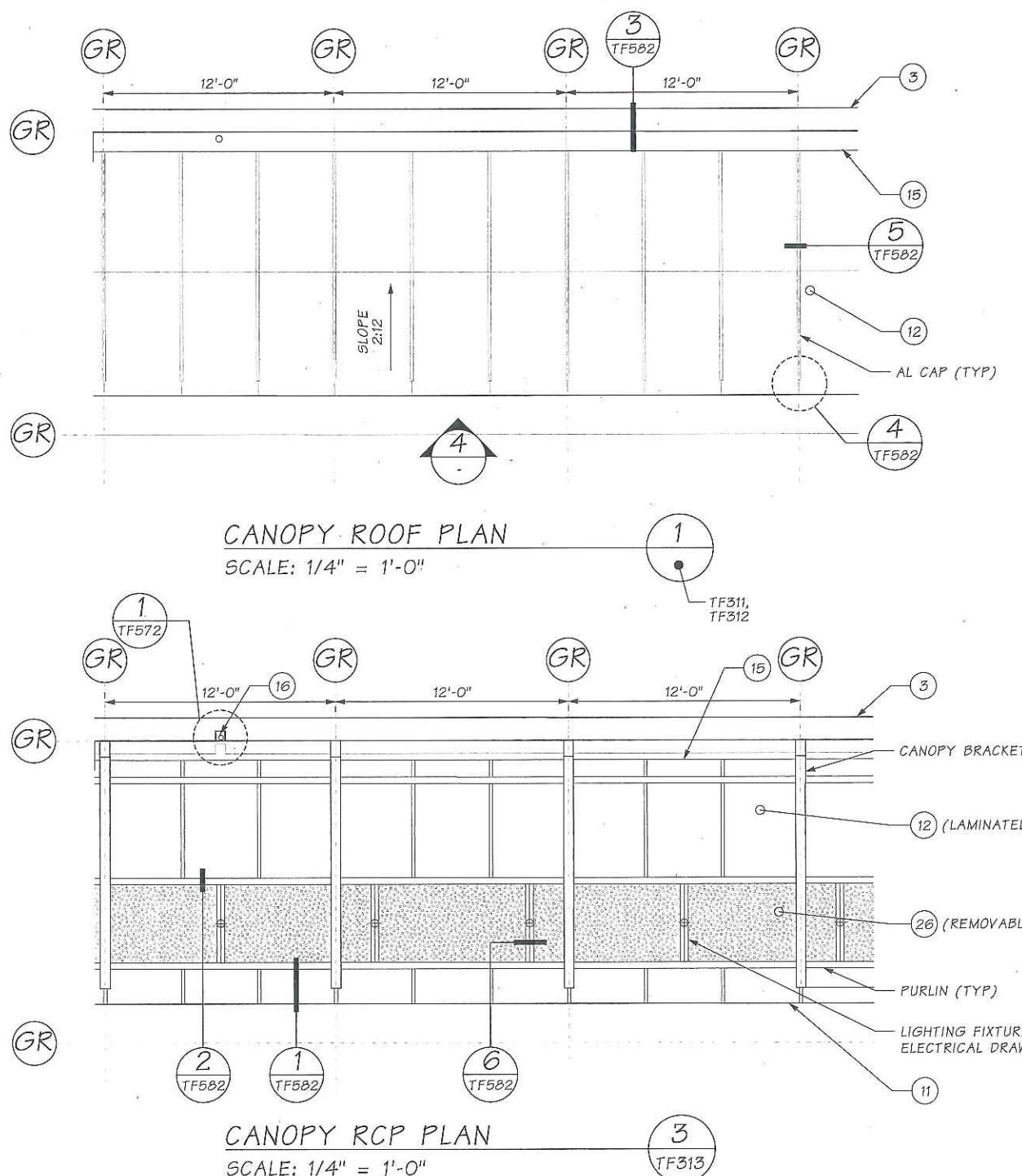


SR 520  
MEDINA TO SR 405 VICINITY  
EASTSIDE TRANSIT AND HOV  
TRANSIT STATION

DETAILS

PLAN REF NO	TF572
SHEET OF	
SHEETS	

SR 520 JOB NO. 7963 SHEET — OF —



- |   |                          |    |                                |    |                       |    |                         |    |                 |    |                          |    |  |    |   |    |                   |    |                               |    |                         |
|---|--------------------------|----|--------------------------------|----|-----------------------|----|-------------------------|----|-----------------|----|--------------------------|----|--|----|---|----|-------------------|----|-------------------------------|----|-------------------------|
| 1 | CIPC                     | 6  | STEEL STRUCTURE                | 11 | EDGE OF CANOPY        | 16 | DOWNSPOUT               | 21 | HANDRAIL        | 26 | ACOUSTIC PANEL           | 31 | C2 KING COUNTY<br>POLE & FLAG (N.I.C.) | 36 | TRASH<br>RECEPTEACLE (N.I.C.)             | 41 | CIPC HAUNCH       | 46 | SEISMIC JOINT,<br>SEE STRUCT. | 51 | CCTV CAMERA<br>(N.I.C.) |
| 2 | PCC STAIR                | 7  | CURTAIN WALL W/<br>METAL MESH  | 12 | GLAZED CANOPY         | 17 | PLATFORM<br>WINDSCREEN  | 22 | GATE            | 27 | TACTILE<br>PLATFORM EDGE | 32 | PATRON EMERGENCY<br>STATION            | 37 | HOSE BIB                                  | 42 | STANDPIPE CABINET | 47 | CMU                           | 52 | FEC                     |
| 3 | CRASH WALL               | 8  | CURTAIN WALL W/O<br>METAL MESH | 13 | METAL ROOFING         | 18 | LID LEVEL<br>WINDSCREEN | 23 | FENCE           | 28 | TACTILE<br>WAYFINDING    | 33 | ORCA CARD READER<br>(N.I.C.)           | 38 | NOT USED                                  | 43 | SIGNAGE (N.I.C.)  | 48 | ELECTRICAL METER,<br>SEE ELEC |    |                         |
| 4 | CRASH<br>BARRIER         | 9  | METAL PANEL                    | 14 | SINGLE PLY<br>ROOFING | 19 | ACCESS<br>WALKWAY       | 24 | DOOR &<br>FRAME | 29 | TACTILE<br>THRESHOLD     | 34 | LEANING RAIL (N.I.C.)                  | 39 | BROOM FINISH CIPC W/<br>TOOLED JT PATTERN | 44 | STANDPIPE         | 49 | FUTURE VMS (N.I.C.)           |    |                         |
| 5 | EDGE OF LID<br>STRUCTURE | 10 | METAL FASCIA                   | 15 | GUTTER                | 20 | GUARDRAIL               | 25 | LOUVER          | 30 | FUTURE<br>TVM (N.I.C.)   | 35 | BENCH (N.I.C.)                         | 40 | DECORATIVE CIPC<br>REVEAL                 | 45 | STAIR RUNNEL      | 50 | SPEAKER (N.I.C.)              |    |                         |

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DESIGNED BY:	G. HILL				<b>10A027</b>			
ENTERED BY:	T. COHEN							
CHECKED BY:	Y. LEE				CONTRACT NO.	LOCATION NO.		
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CCN  
020312

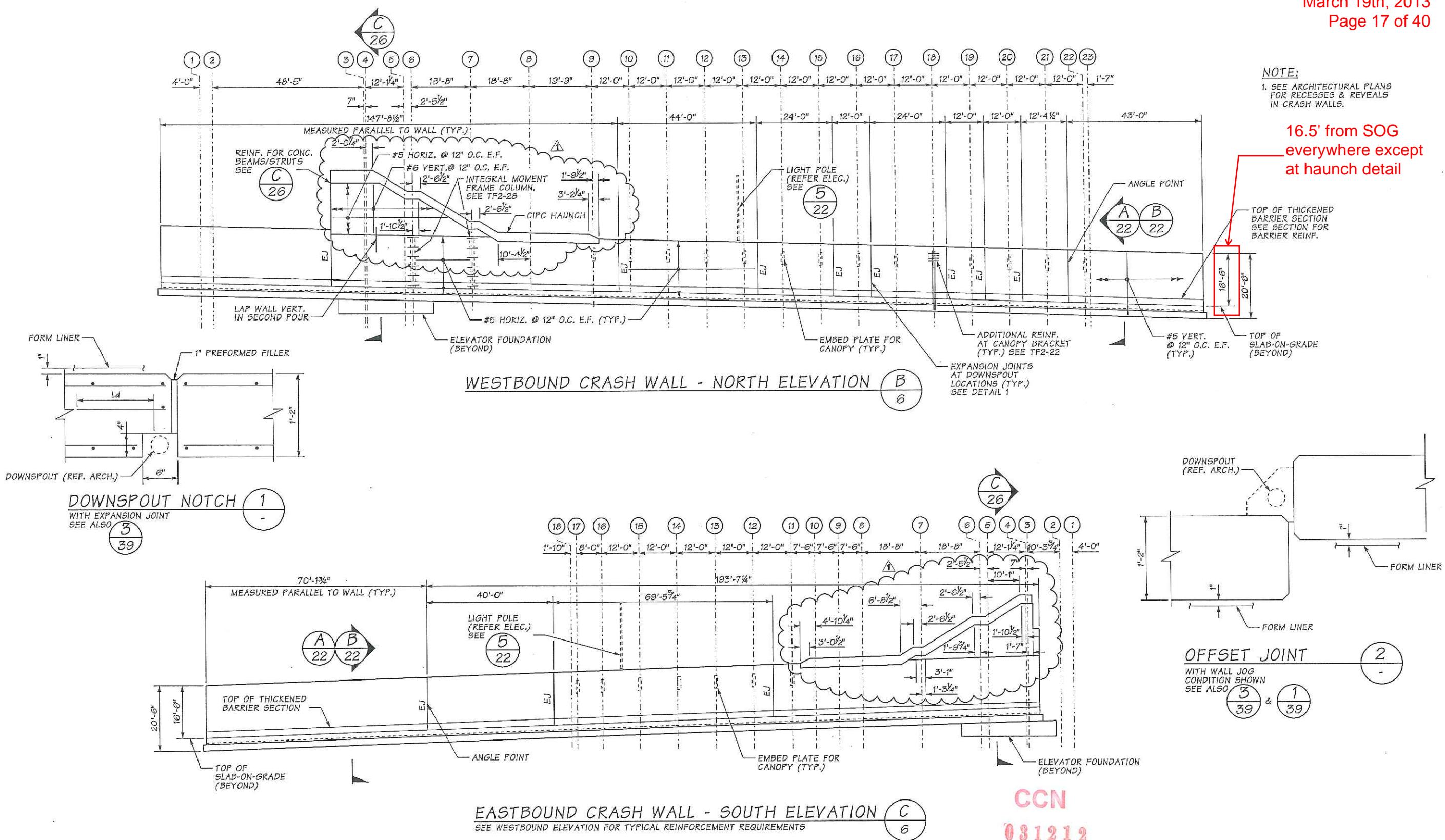


The logo for the Washington State Department of Transportation (WSDOT) features a stylized blue and white graphic of a road or waterway on the left, followed by the text "Washington State Department of Transportation" in a serif font.

**SR 520  
MEDINA TO SR 405 VICINITY  
EASTSIDE TRANSIT AND HOV  
92nd AVENUE NE TRANSIT STATION**

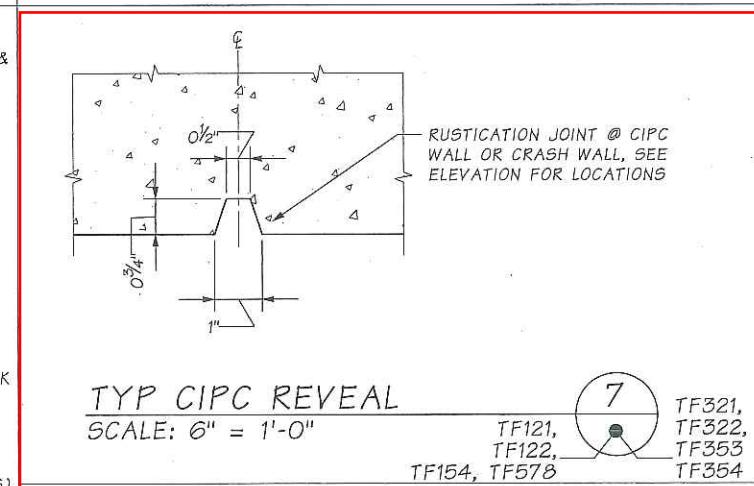
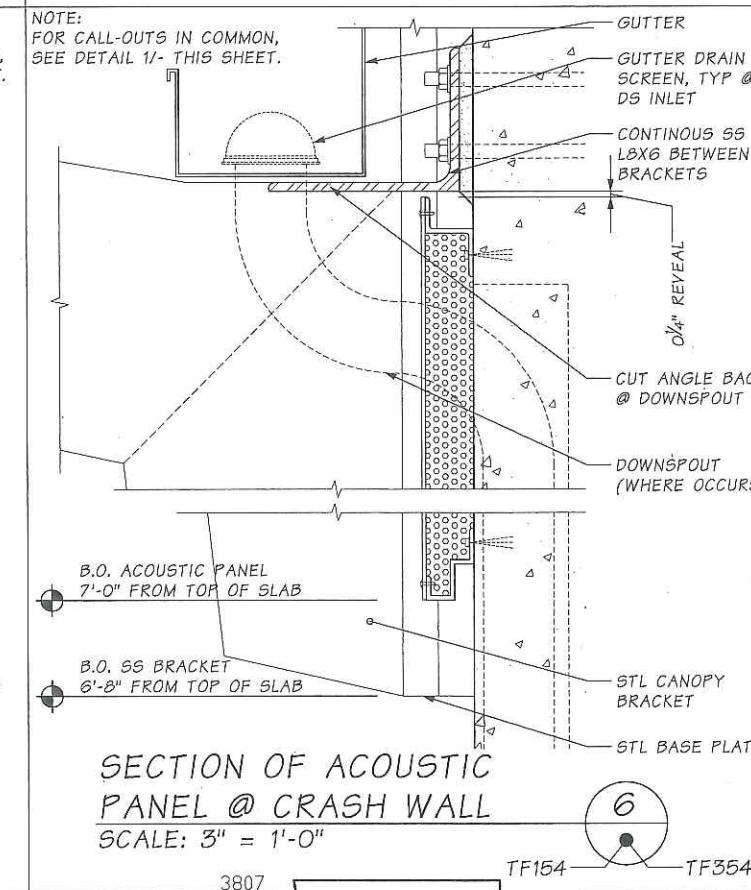
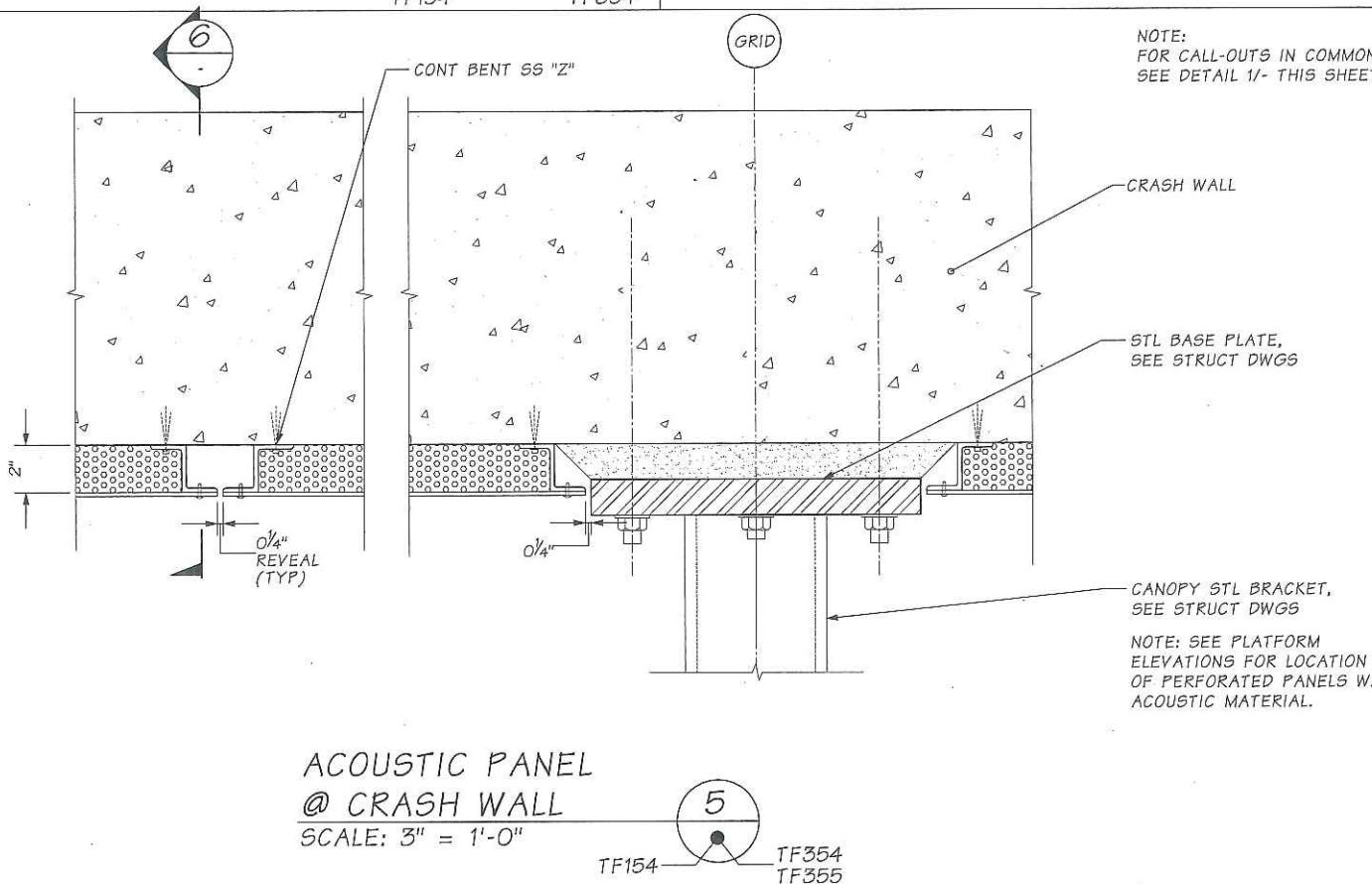
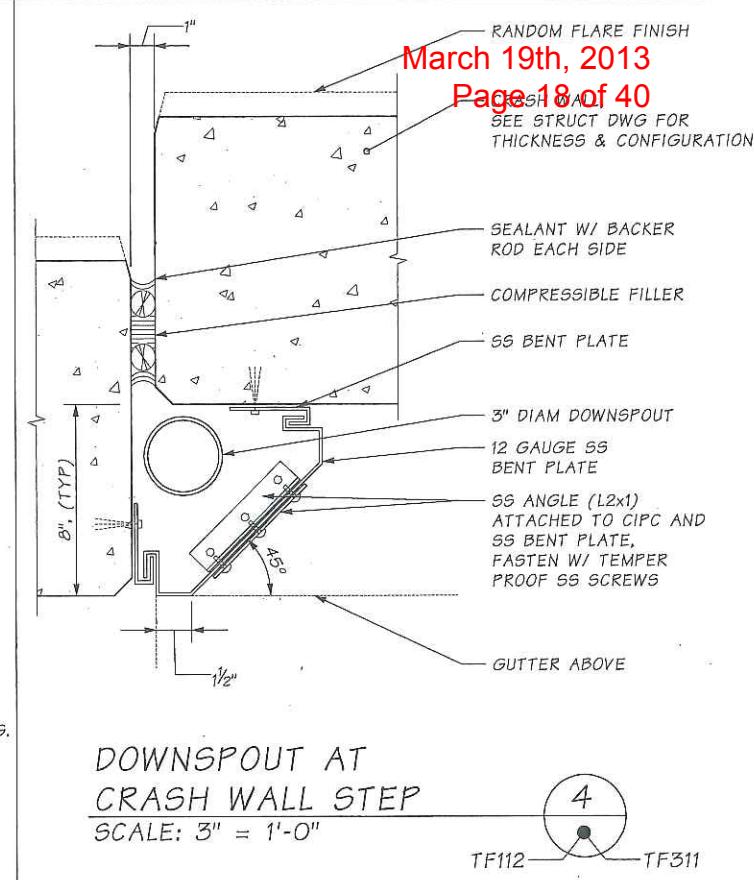
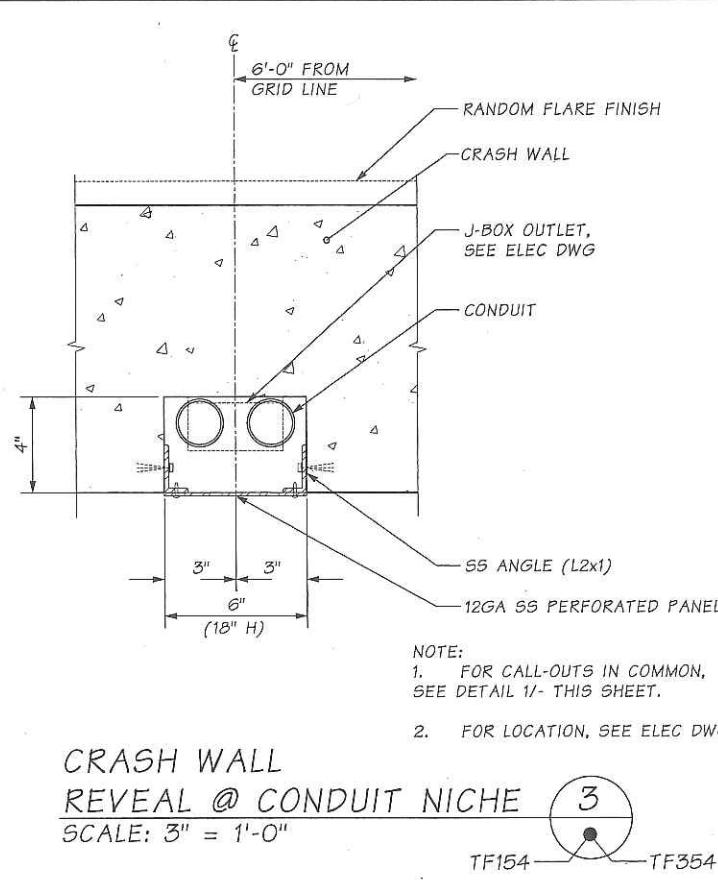
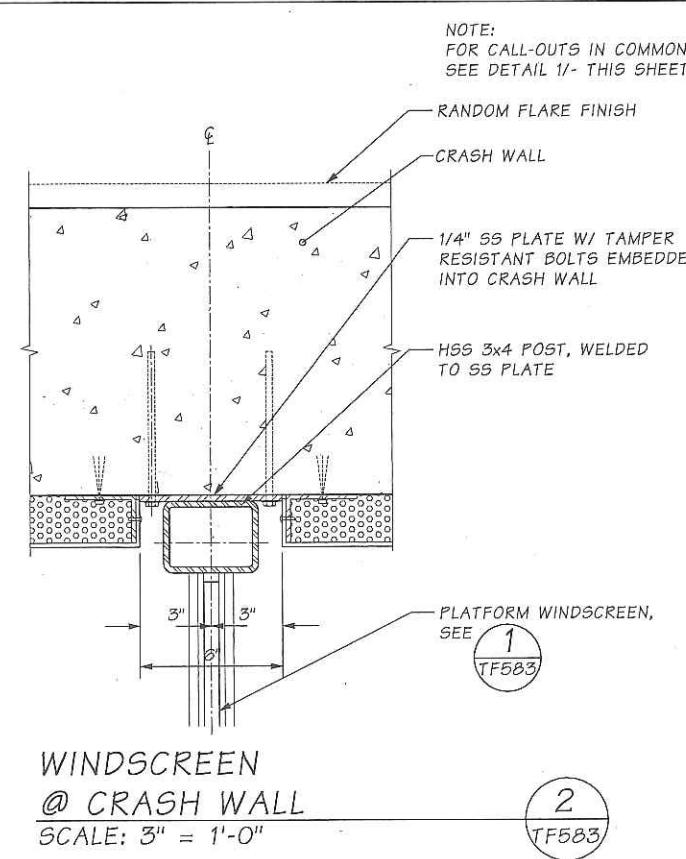
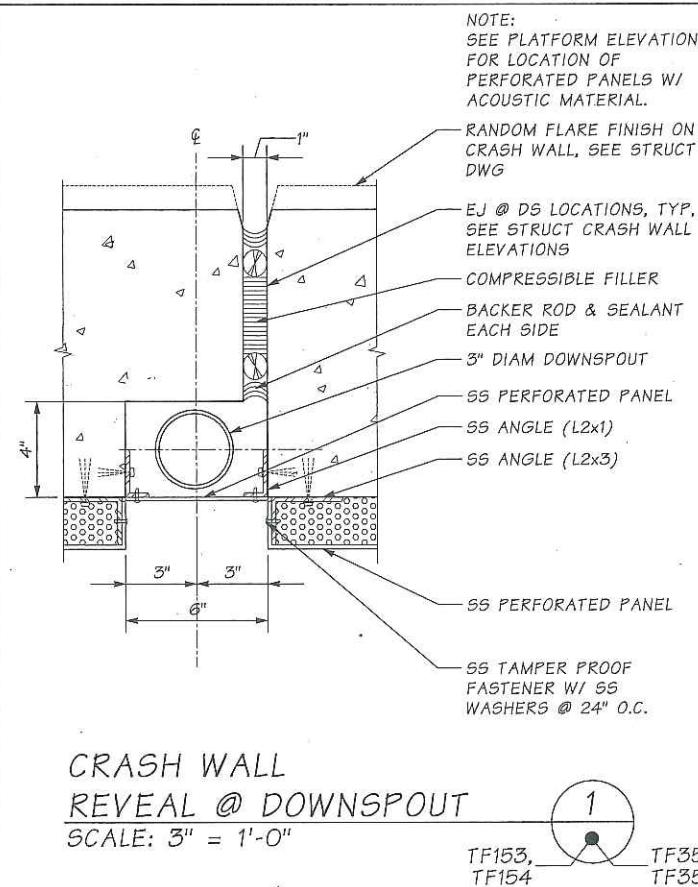
## **TYPICAL PLATFORM CANOPY PLANS**

PLAN REF NO  
**TF353**  
SHEET  
OF  
SHEETS



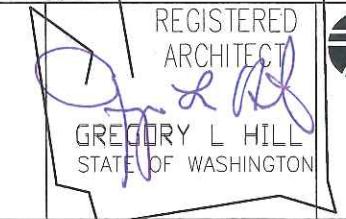
CCN  
031212

FILE NAME:	c:\pw_working\sr520\maudardms03167\ECC7963_PS_ST_TF92_CRWE.dgn								SR 520 MEDINA TO SR 405 VICINITY EASTSIDE TRANSIT AND HOV 92nd AVENUE NE TRANSIT STATION		SR 520 MEDINA TO SR 405 VICINITY EASTSIDE TRANSIT AND HOV 92nd AVENUE NE TRANSIT STATION	
TIME:	9:58:57 AM	RELEASE FOR CONSTRUCTION RECORD				REGION NO.	STATE	FED.AID PROJ.NO.				
DATE:	2/21/2012					10	WASH	(AC)NH-0520(046)				
PLOTTED BY:	maudar					JOB NUMBER		10A027	CONTRACT NO.	LOCATION NO.	Washington State Department of Transportation	
DESIGNED BY:	N. GALER					7963		XL3390	5/2/12		Eastside Corridor Constructors	
ENTERED BY:	M. AUDAR					DATE		NO.				
CHECKED BY:	G. BANSEMER	REVISIONS, P31c3, N148				02/21/2012		A				
DQAM AUDIT DATE:	2/23/12	92TF, P31c3, RFC				01/27/2012		O				
DESIGN MGR:	B. STEIN	DESCRIPTION				DATE						



FILE NAME:		RELEASE FOR CONSTRUCTION RECORD		REGION NO.	STATE	FED.AID PROJ.NO.	CONTRACT NO.		LOCATION NO.
TIME:	7:15:36 PM	DATE:	1/26/2012	10	WASH	(AC)NH-0520(046)			3807
PLOTTED BY:	tcohen	DESIGNED BY:	G. HILL	JOB NUMBER	10A027				
ENTERED BY:	T. HARKIN	CHECKED BY:	Y. LEE	CONTRACT NO.					
DQAM AUDIT DATE:	1/31/12	92nd TRANSIT STATION DESIGN, P31c4, RFC	01/27/12	O	7963	XL3390			
DESIGN MGR:	B. STEIN	DESCRIPTION	DATE	NO.					

CCN  
020312

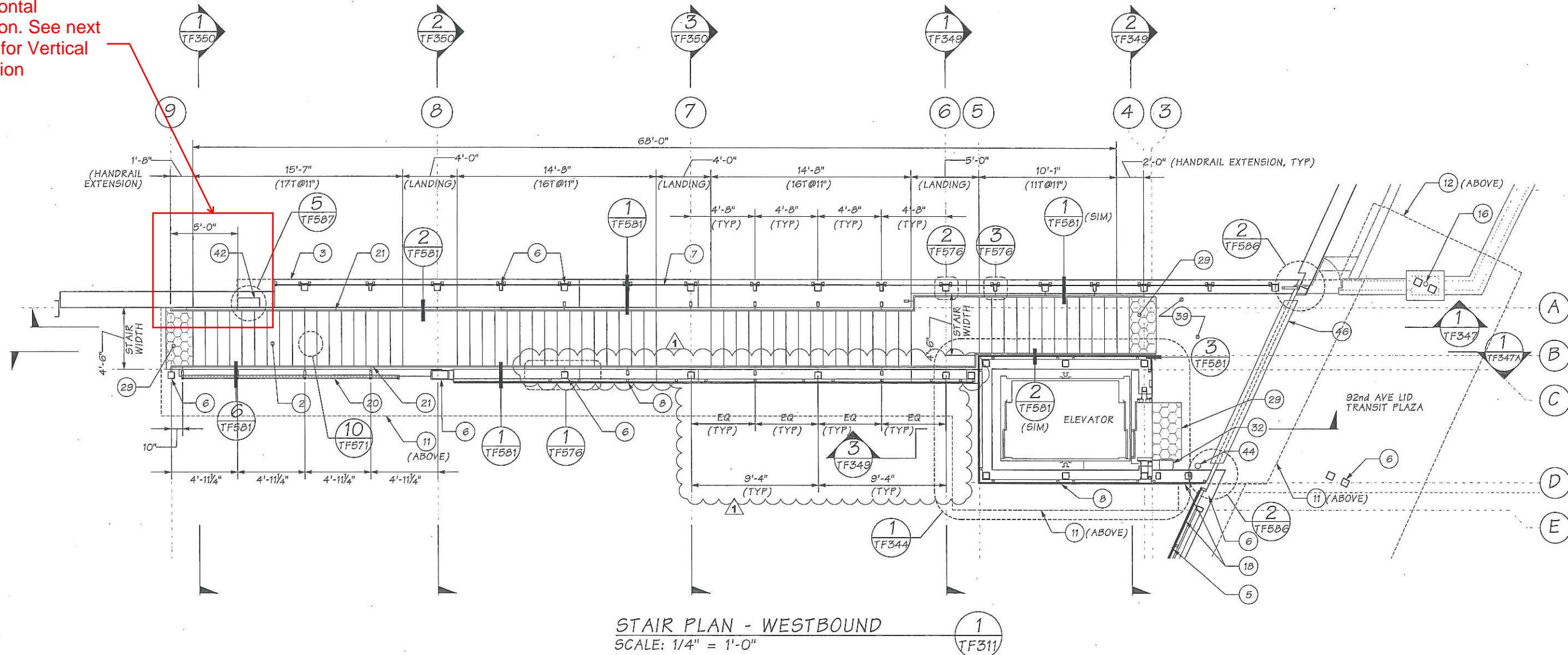


**SR 520**  
**MEDINA TO SR 405 VICINITY**  
**EASTSIDE TRANSIT AND HOV**  
**TRANSIT STATION**

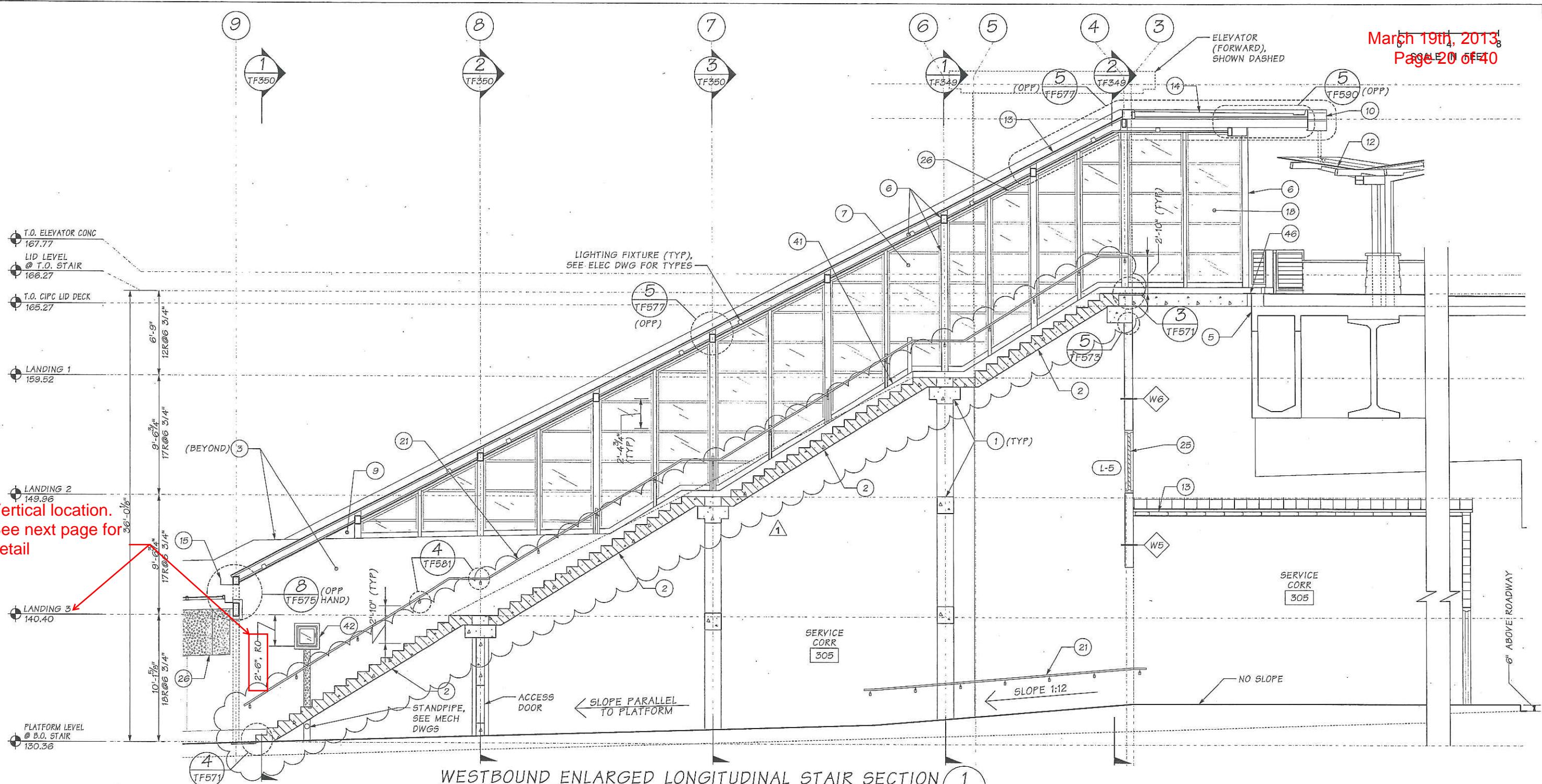
**DETAILS**

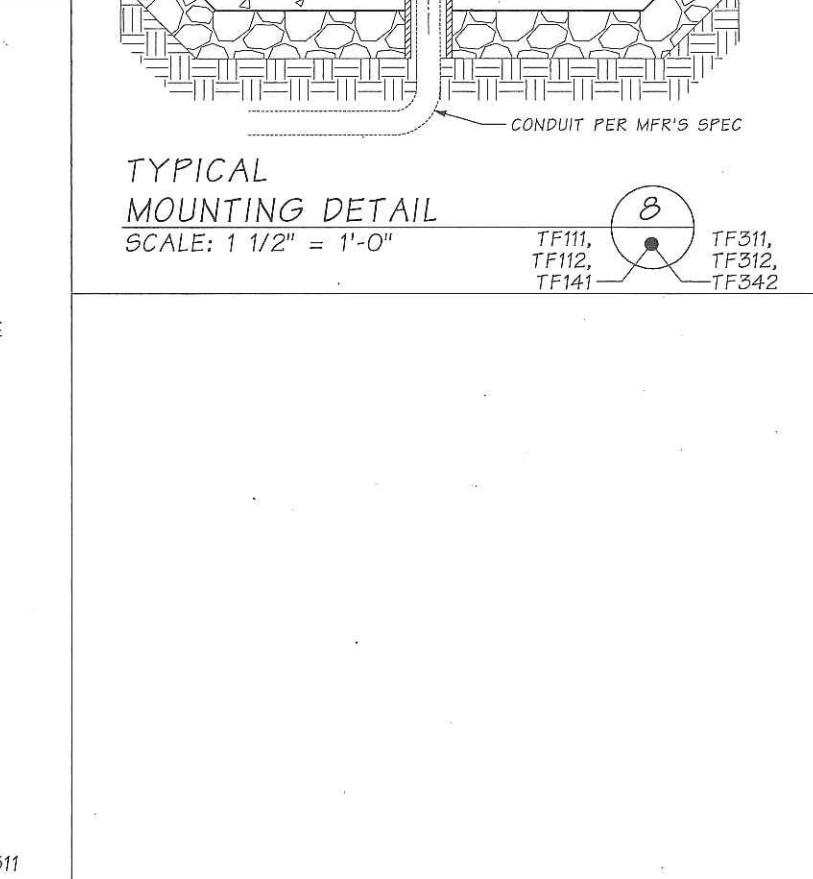
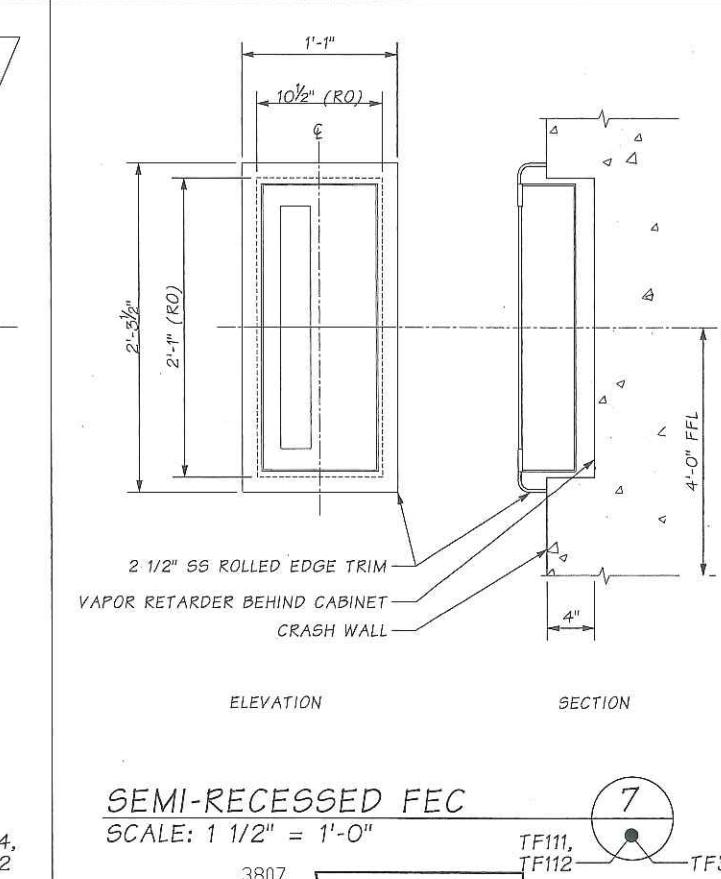
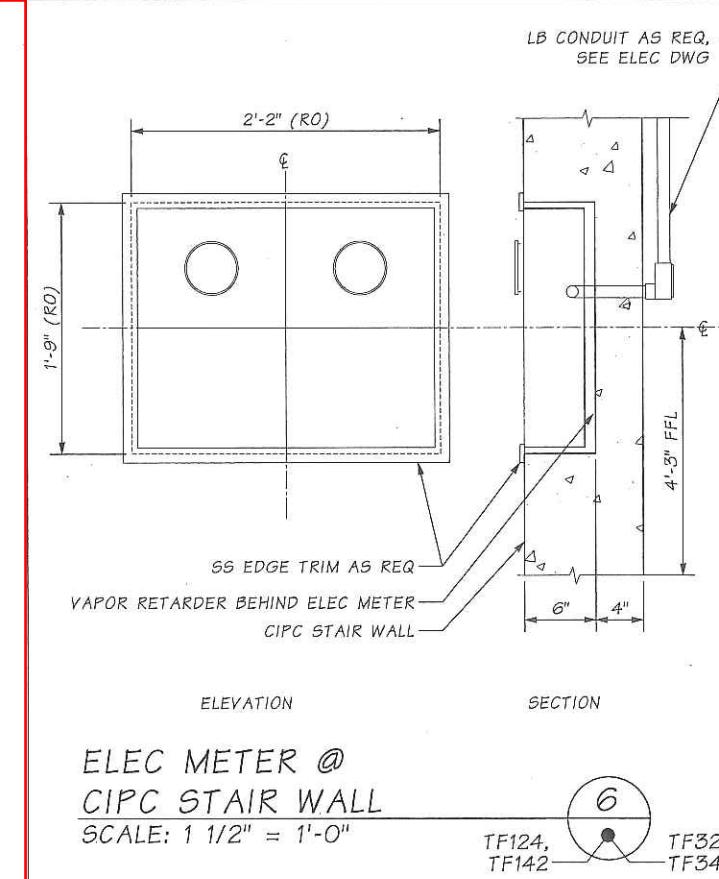
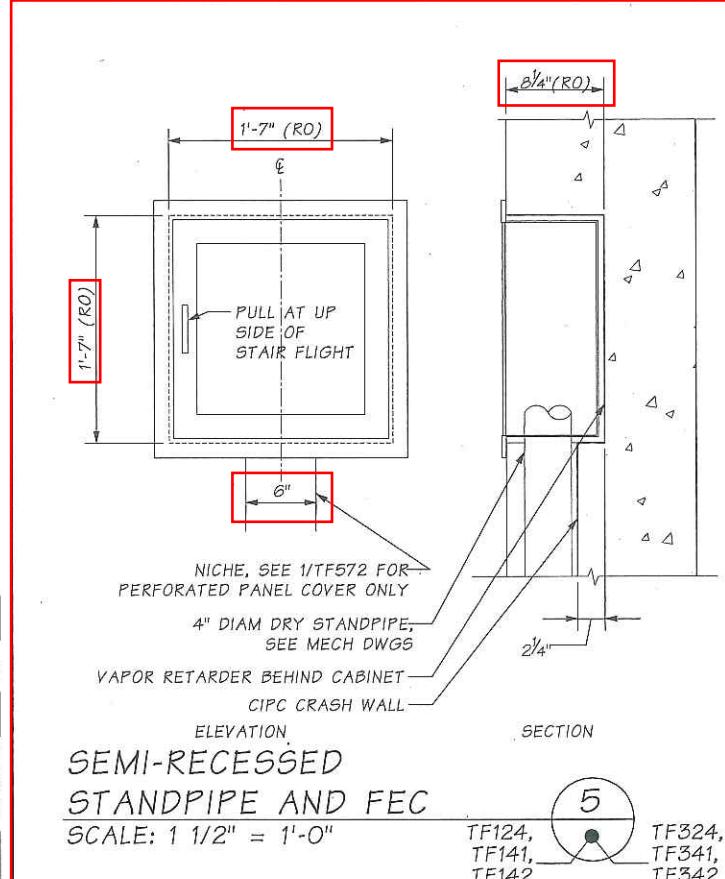
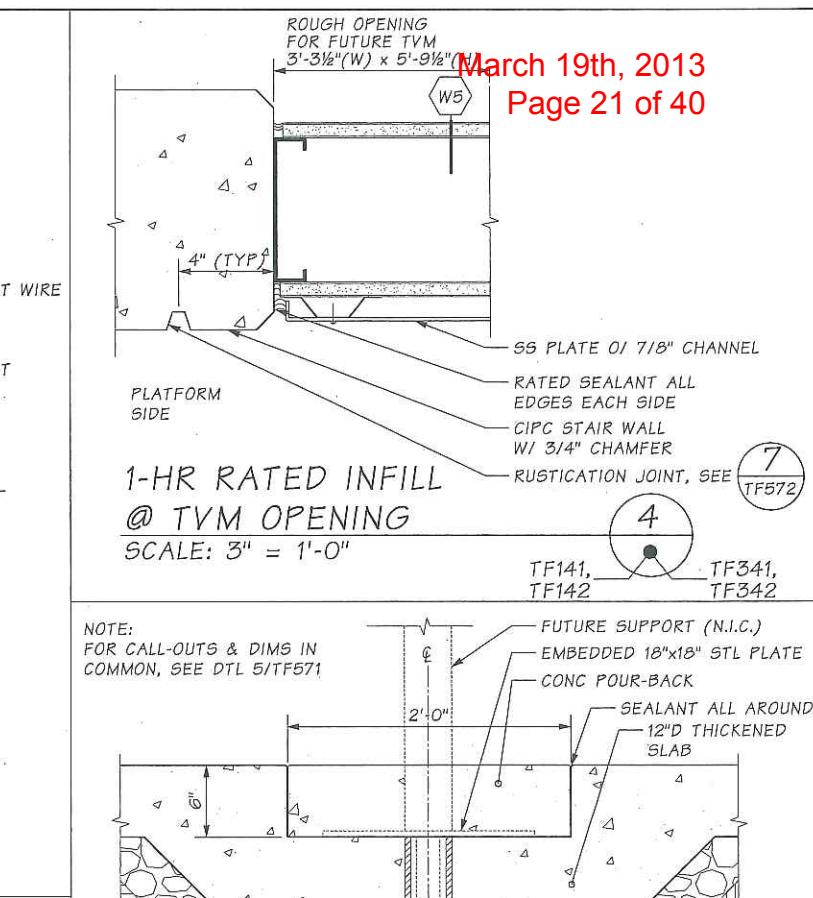
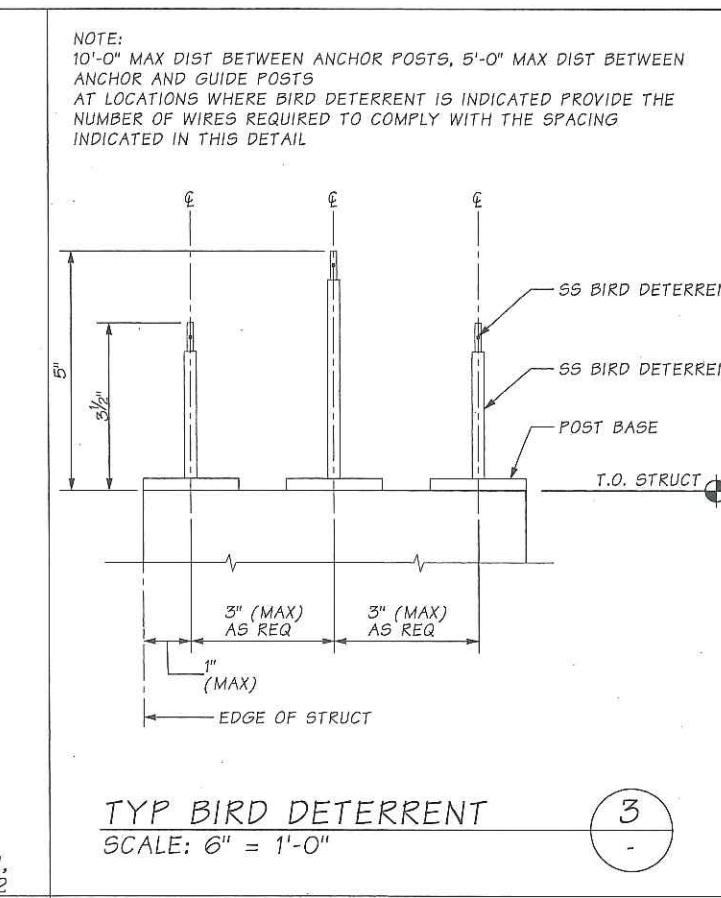
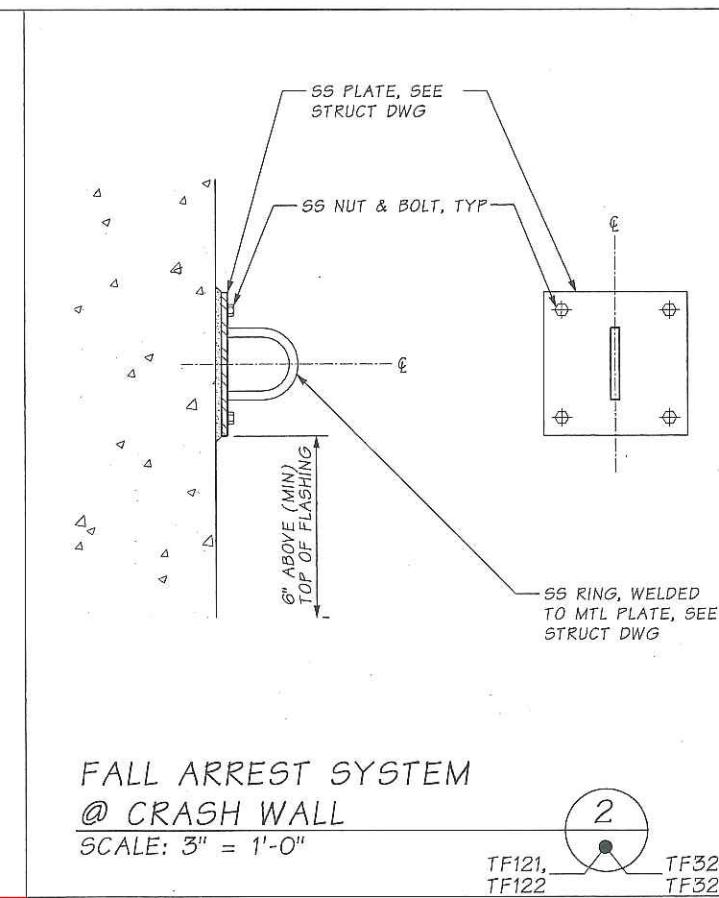
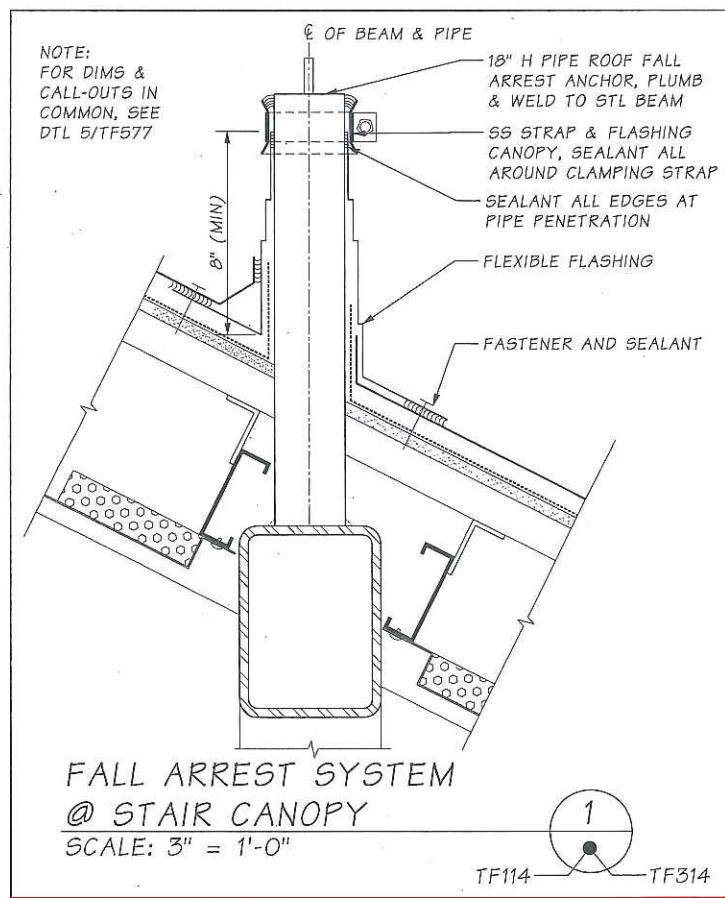
PLAN REF NO  
**TF572**  
SHEET  
OF  
SHEETS

Horizontal location. See next page for Vertical Location



- |                         |                               |                       |                         |                 |                          |  |   |                      |                               |                         |
|-------------------------|-------------------------------|-----------------------|-------------------------|-----------------|--------------------------|--|---|----------------------|-------------------------------|-------------------------|
| 1 CIPC                  | 6 STEEL STRUCTURE             | 11 EDGE OF CANOPY     | 16 DOWNSPOUT            | 21 HANDRAIL     | 26 ACOUSTIC PANEL        | 31 C2 KING COUNTY POLE & FLAG (N.I.C.) | 36 TRASH RECEPTACLE (N.I.C.)              | 41 CIPC HAUNCH       | 46 SEISMIC JOINT, SEE STRUCT  | 51 CCTV CAMERA (N.I.C.) |
| 2 PCC STAIR             | 7 CURTAIN WALL W/ METAL MESH  | 12 GLAZED CANOPY      | 17 PLATFORM WINDSCREEN  | 22 GATE         | 27 TACTILE PLATFORM EDGE | 32 PATRON EMERGENCY STATION            | 37 HOSE BIB                               | 42 STANDPIPE CABINET | 47 CMU                        | 52 FEC                  |
| 3 CRASH WALL            | 8 CURTAIN WALL W/O METAL MESH | 13 METAL ROOFING      | 18 LID LEVEL WINDSCREEN | 23 FENCE        | 28 TACTILE WAYFINDING    | 33 ORCA CARD READER (N.I.C.)           | 38 NOT USED                               | 43 SIGNAGE (N.I.C.)  | 48 ELECTRICAL METER, SEE ELEC |                         |
| 4 CRASH BARRIER         | 9 METAL PANEL                 | 14 SINGLE PLY ROOFING | 19 ACCESS WALKWAY       | 24 DOOR & FRAME | 29 TACTILE THRESHOLD     | 34 LEANING RAIL (N.I.C.)               | 39 BROOM FINISH CIPC W/ TOOLED JT PATTERN | 44 STANDPIPE         | 49 FUTURE VMS (N.I.C.)        |                         |
| 5 EDGE OF LID STRUCTURE | 10 METAL FASCIA               | 15 GUTTER             | 20 GUARDRAIL            | 25 LOUVER       | 30 FUTURE TVM (N.I.C.)   | 35 BENCH (N.I.C.)                      | 40 DECORATIVE CIPC REVEAL                 | 45 STAIR RUNNEL      | 50 SPEAKER (N.I.C.)           |                         |





520 10B NO. 7963 SHEET OF

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DATE:	1/27/2012	
PLOTTED BY:	tcohen	
DESIGNED BY:	G. HILL	
ENTERED BY:	T. HARKIN	
CHECKED BY:	Y. LEE	
DQAM AUDIT DATE:	92nd TRANSIT STATION DESIGN, P31c4, 1/27/12	
DESIGN MGR:	B. STEIN	DESCRIPTION

RECORD			REGION NO.	STATE	FED.AID PROJ.NO.
			10	WASH	(AC)NH-0520(046)
			JOB NUMBER		
			10A027		
			CONTRACT NO.		LOCATION NO.
RFC	01/27/12	0	7963		XL3390
	DATE	NO.			

CCN  
020312



**SR 520  
MEDINA TO SR 405 VICINITY  
EASTSIDE TRANSIT AND HOV  
TRANSIT STATION**

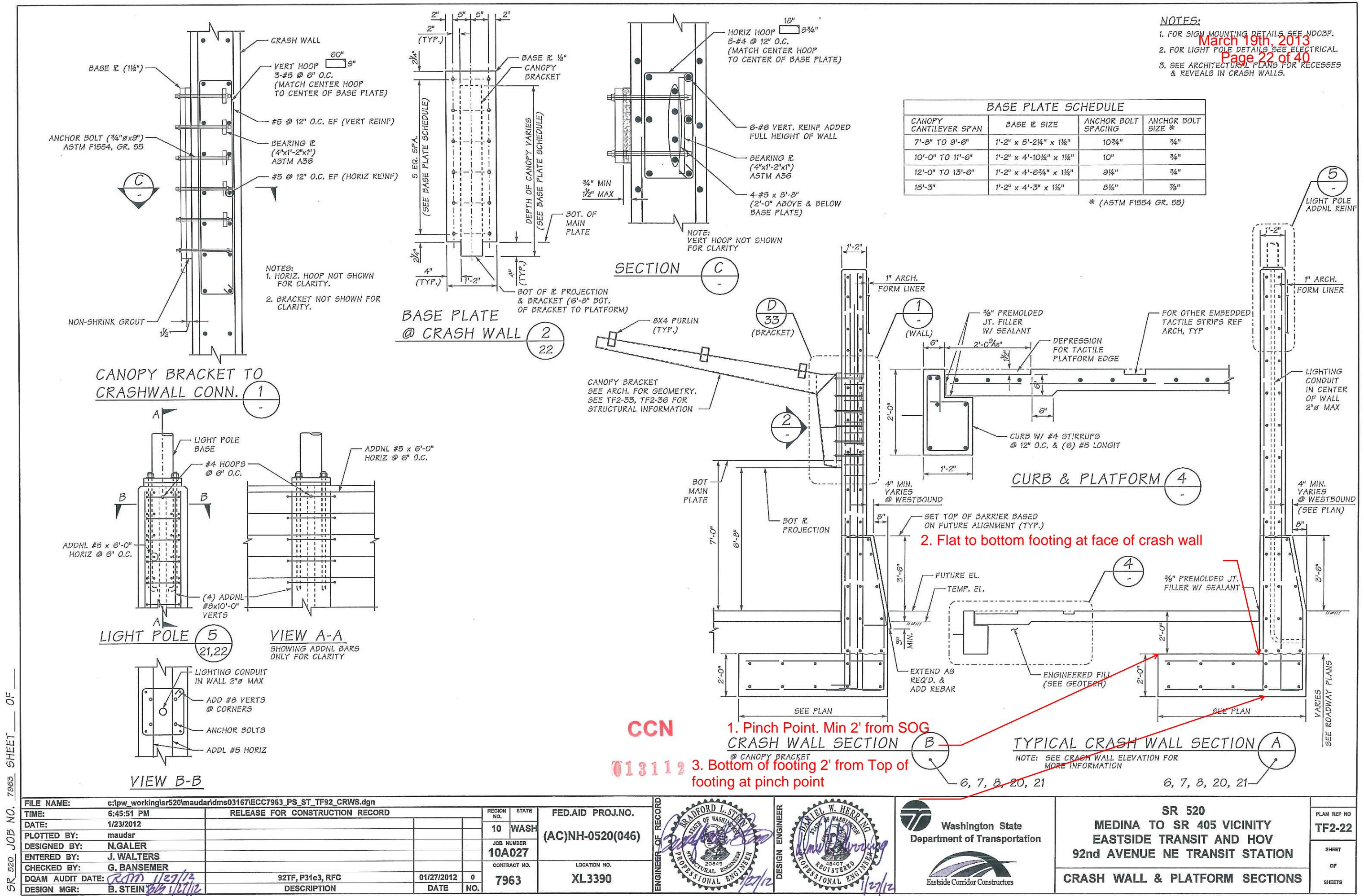
## DETAILS

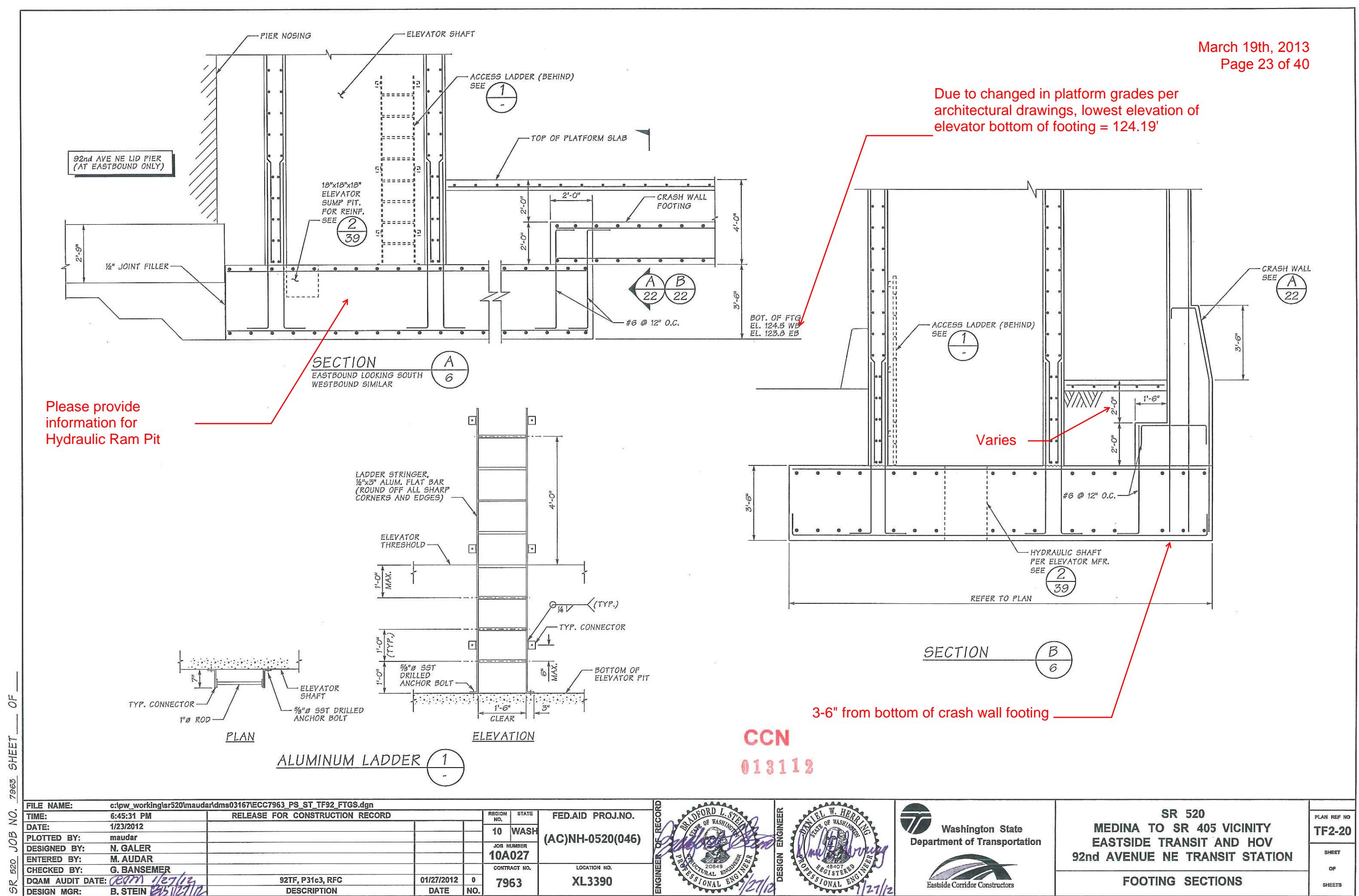
PLAN REF NO  
**TF587**  
SHEET  
OF  
SHEETS

NOTES:  
 1. FOR SIGN MOUNTING DETAILS SEE ND03F.  
 2. FOR LIGHT POLE DETAILS SEE ELECTRICAL.  
 3. SEE ARCHITECTURAL PLANS FOR RECESSES & REVEALS IN CRASH WALLS.

March 19th, 2013

Page 22 of 40



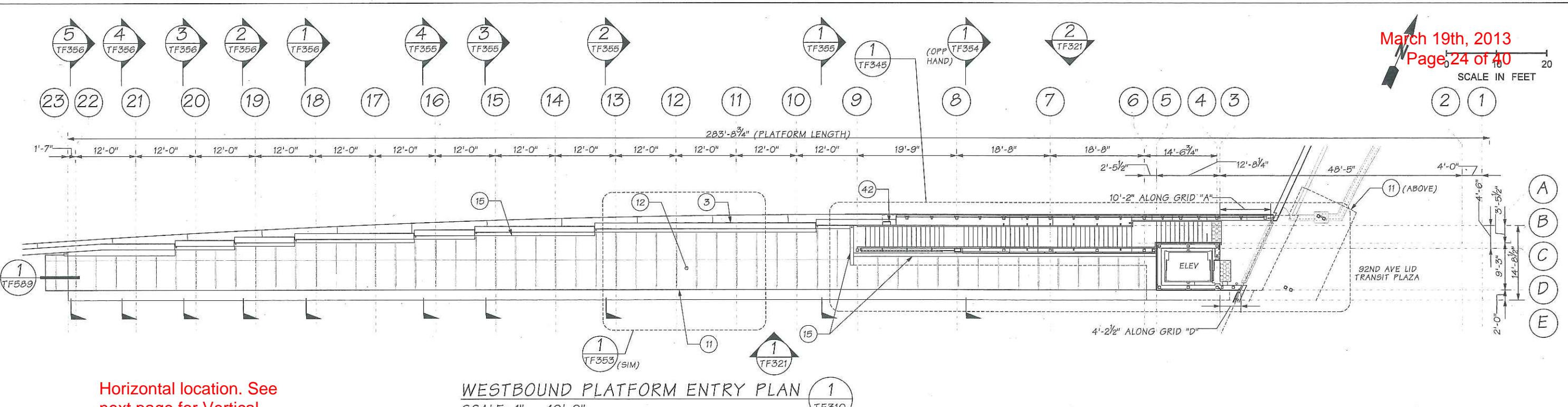


March 19th, 2013  
Page 24 of 40

CALE IN FEET

1

( 1 )

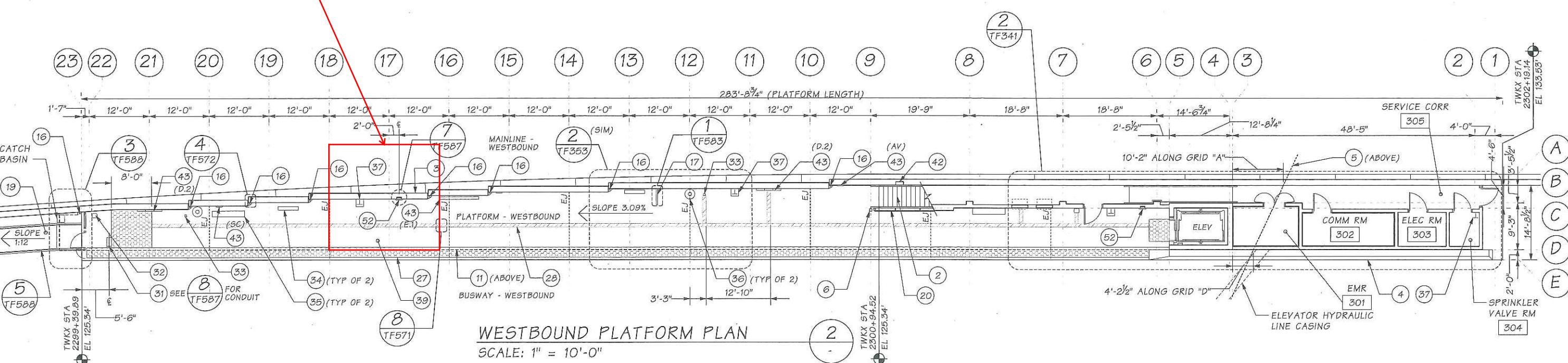


Horizontal location. See next page for Vertical Location and detail

## WESTBOUND PLATFORM ENTRY PL/

SCALE: 1" = 10'-0"

1  
TF310



SR 520 JOB NO. 7963 SHEET OF

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DATE:	1/26/2012	
PLOTTED BY:	tcohen	
DESIGNED BY:	G. HILL	
ENTERED BY:	T. COHEN	
CHECKED BY:	Y. LEE	
DQAM AUDIT DATE:	<i>1/30/12</i>	92nd TRANSIT STATION DESIGN, P31c4, RF
DESIGN MGR:	B. STEIN <i>BCS 2/2/12</i>	DESCRIPTION

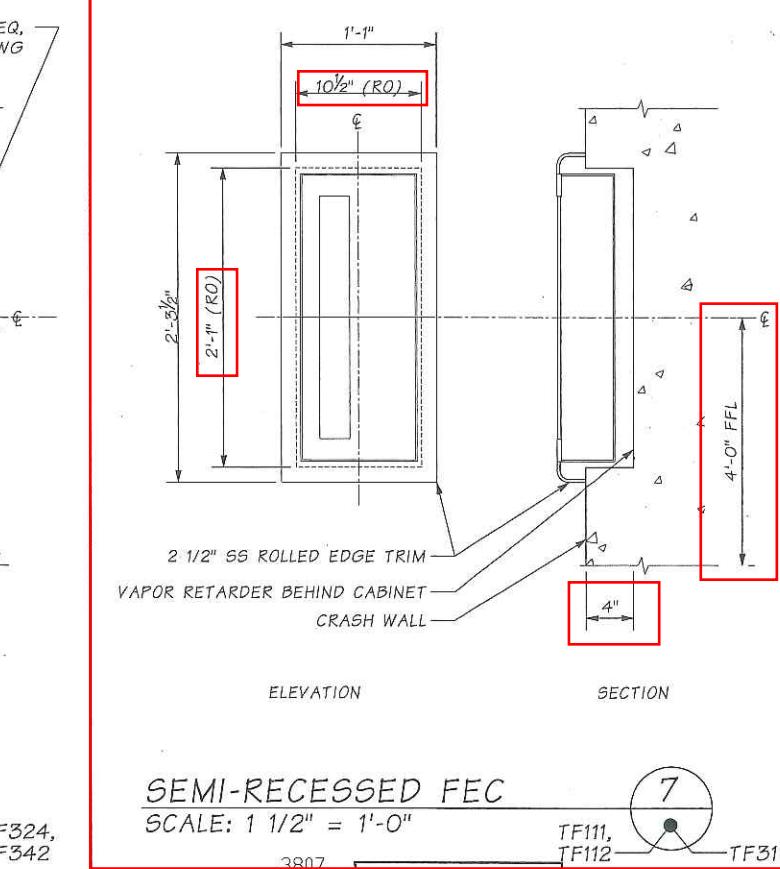
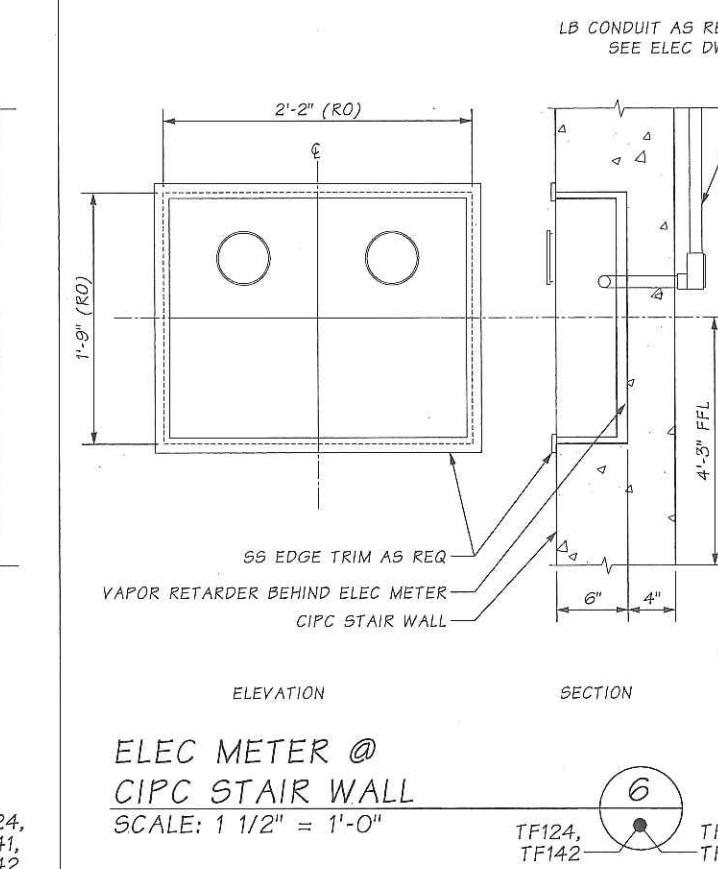
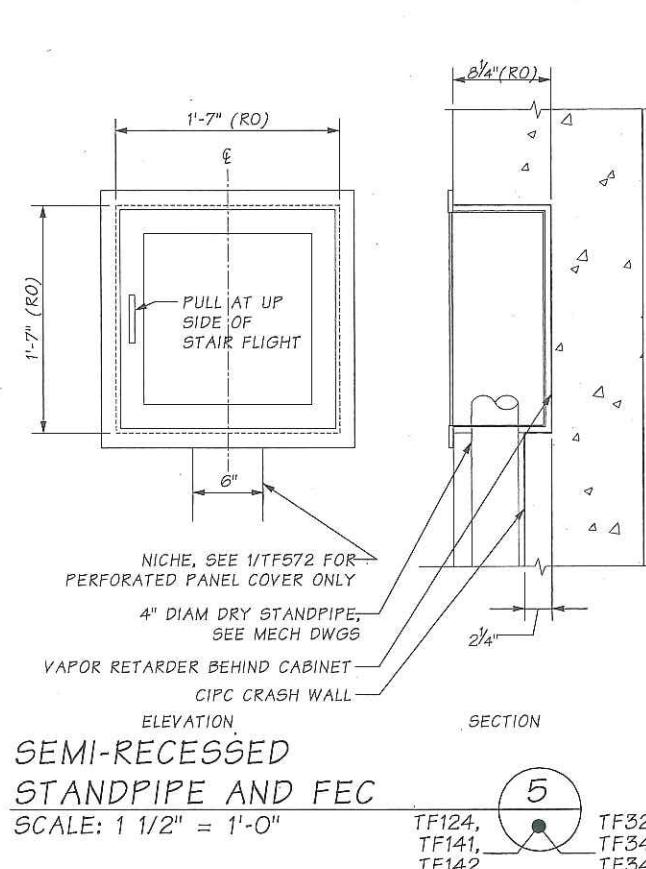
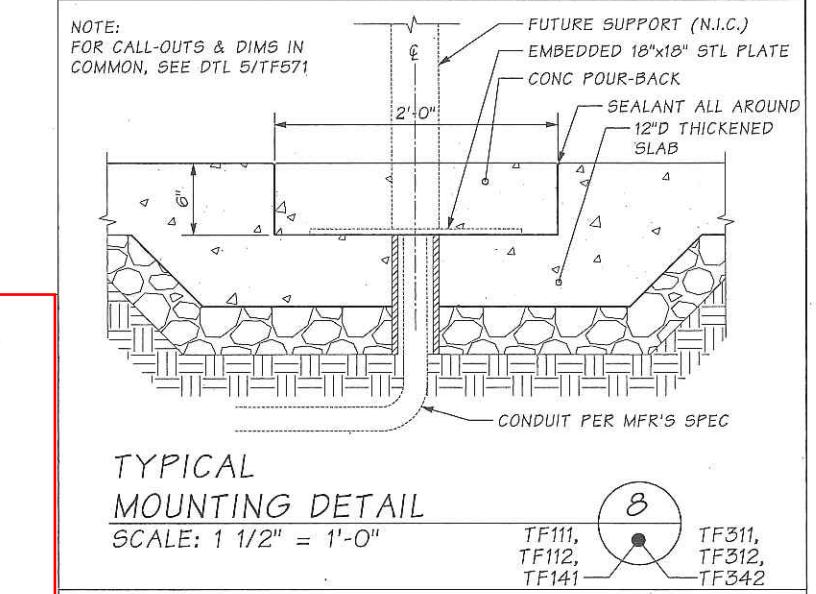
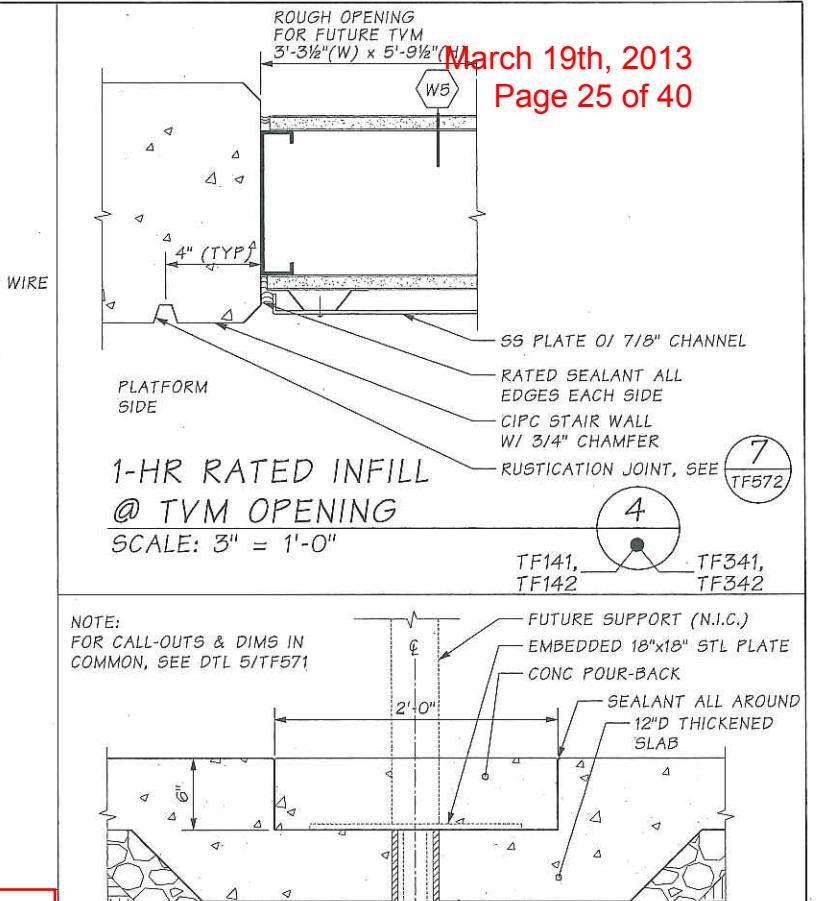
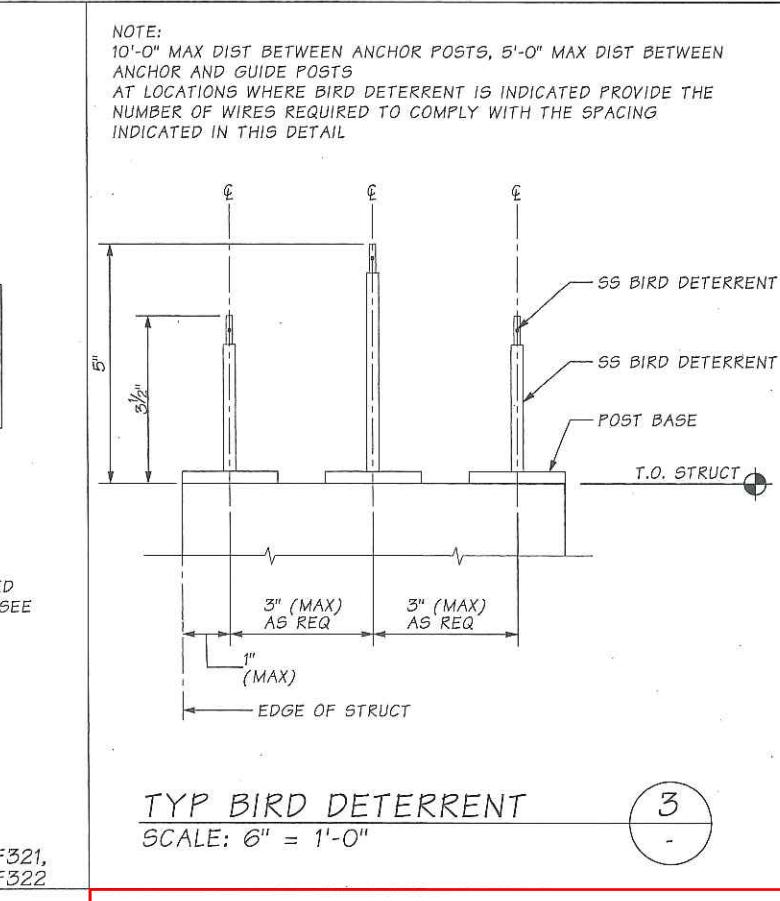
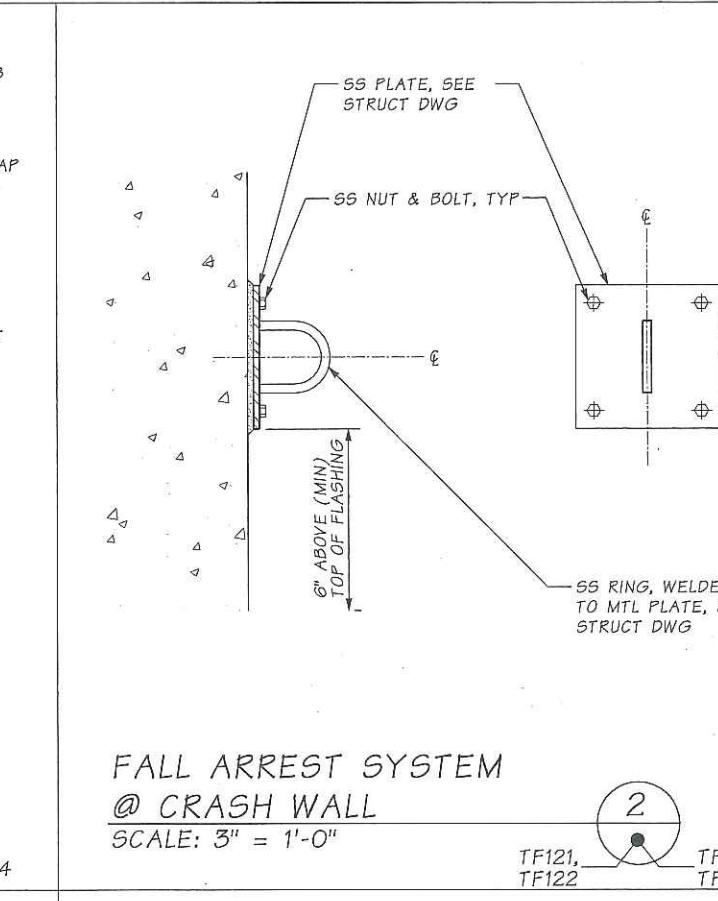
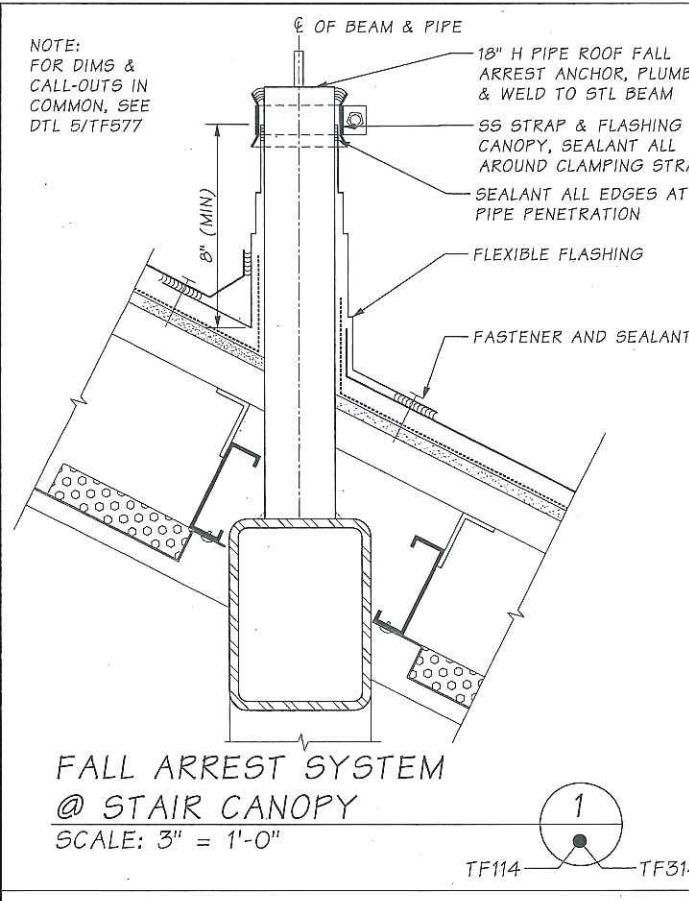
ORD			REGION NO. <b>10</b>	STATE <b>WASH</b>	FED.AID PRO
					JOB NUMBER <b>10A027</b>
			CONTRACT NO. <b>7963</b>		LOCATION NO. <b>XL3390</b>
01/27/12 O			DATE	NO.	

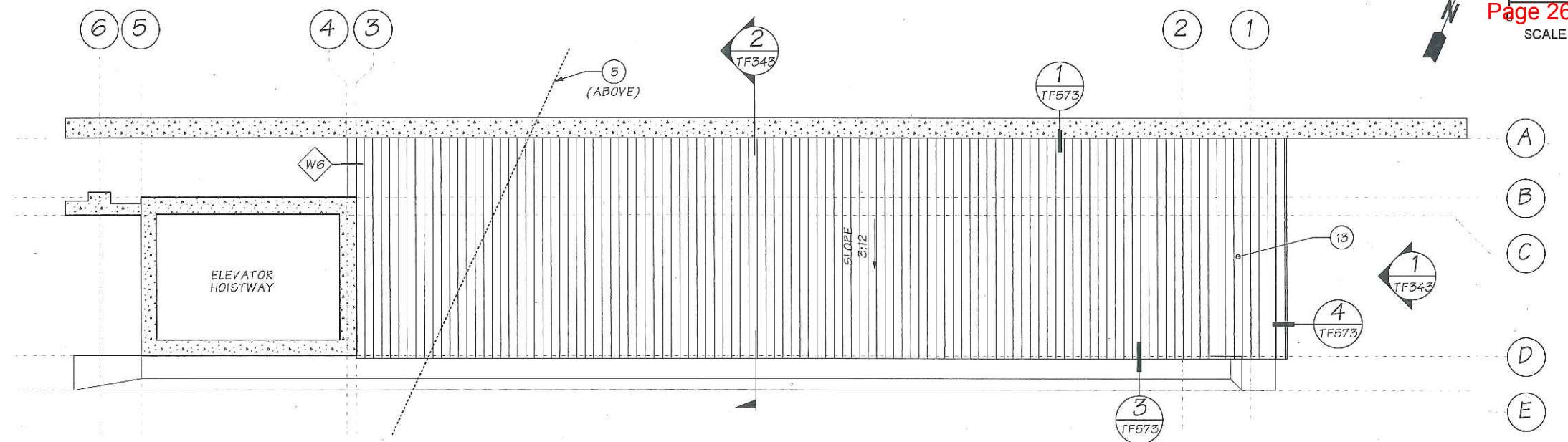
CCN  
020319



**SR 520  
MEDINA TO SR 405 VICINITY  
EASTSIDE TRANSIT AND HOV  
92nd AVENUE NE TRANSIT STATION**

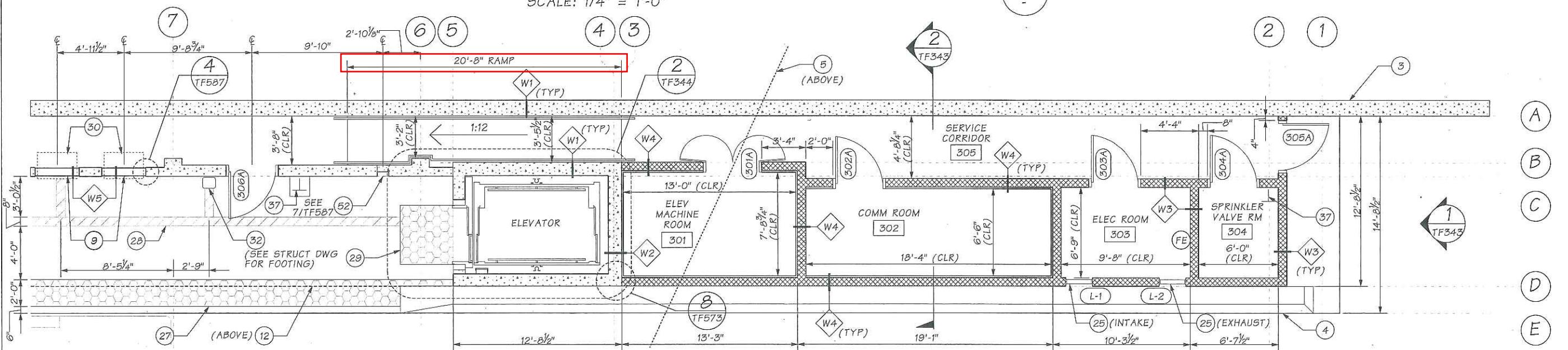
## **WESTBOUND PLATFORM PLANS**





ANCILLARY ROOF PLAN - WB PLATFORM

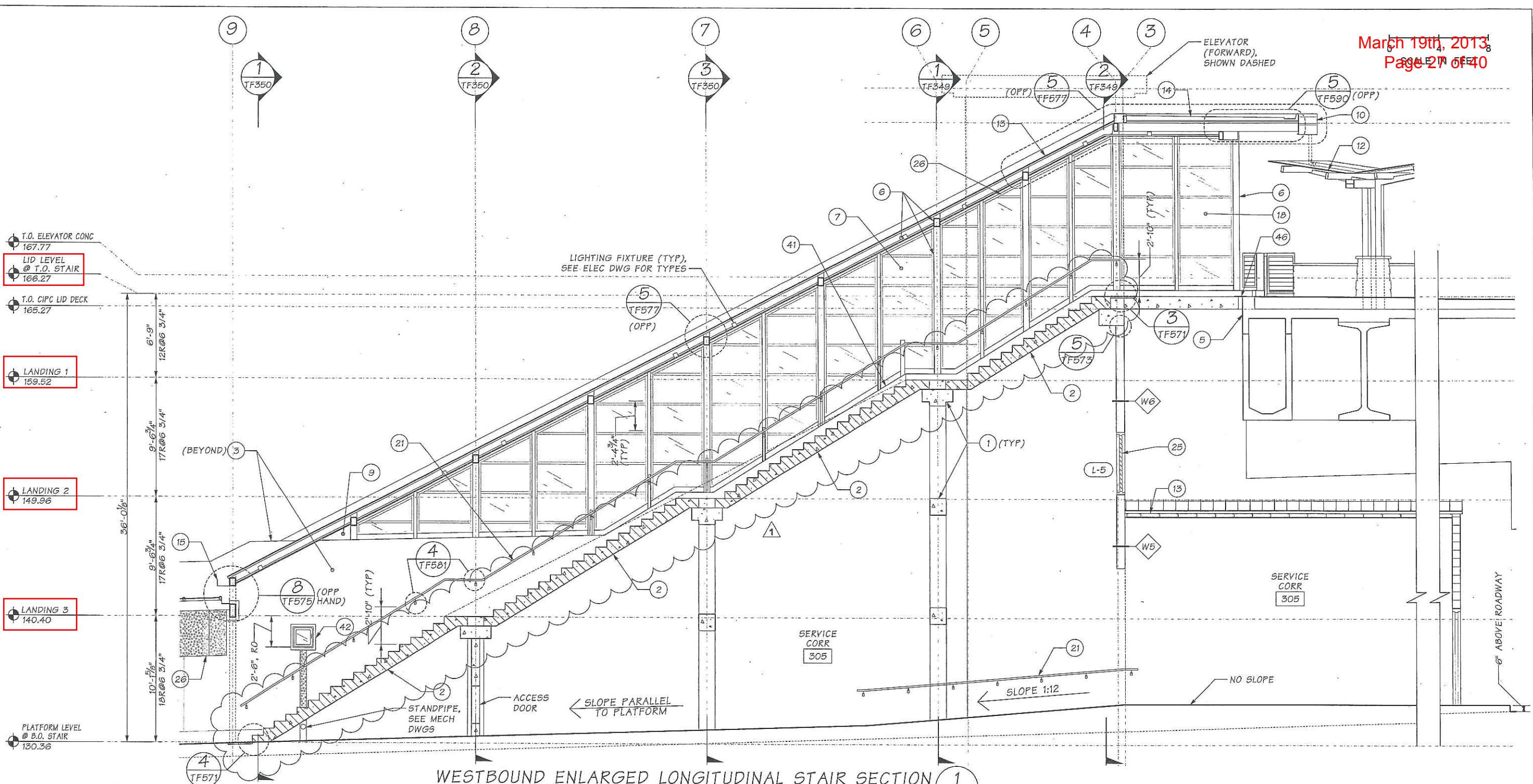
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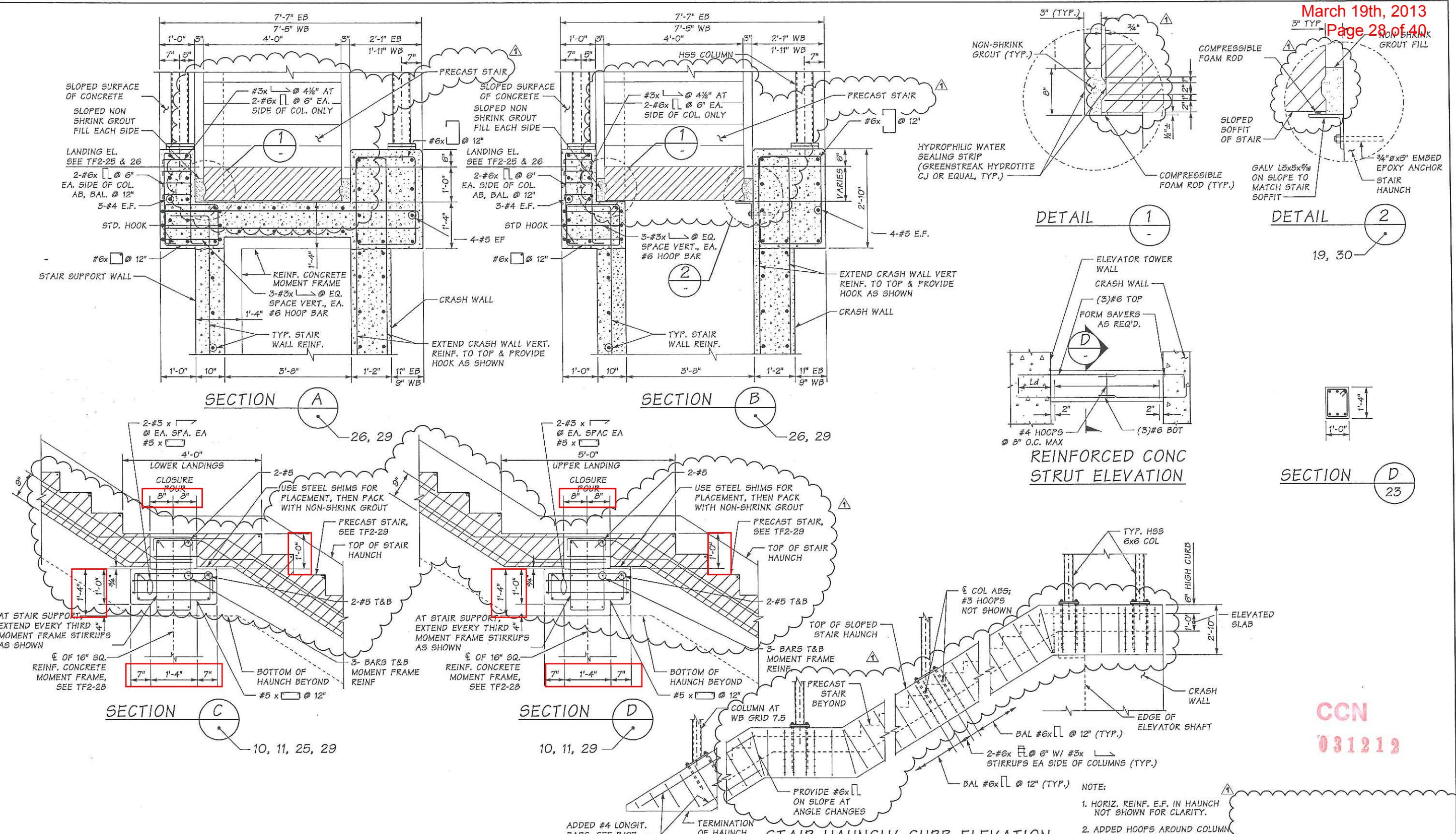


ANCILLARY ROOM PLAN - WB PLATFORM LEVEL

SCALE: 1/4" = 1'-0"

(1) CIPC	(6) STEEL STRUCTURE	(11) EDGE OF CANOPY	(16) DOWNSPOUT	(21) HANDRAIL	(26) ACOUSTIC PANEL	(31) C2 KING COUNTY POLE & FLAG (N.I.C.)	(36) TRASH RECEPTACLE (N.I.C.)	(41) CIPC HAUNCH	(46) SEISMIC JOINT, SEE STRUCT	(51) CCTV CAMERA (N.I.C.)
(2) PCC STAIR	(7) CURTAIN WALL W/ METAL MESH	(12) GLAZED CANOPY	(17) PLATFORM WINDSCREEN	(22) GATE	(27) TACTILE PLATFORM EDGE	(32) PATRON EMERGENCY STATION	(37) HOSE BIB	(42) STANDPIPE CABINET	(47) CMU	(52) FEC
(3) CRASH WALL	(8) CURTAIN WALL W/O METAL MESH	(13) METAL ROOFING	(18) LID LEVEL WINDSCREEN	(23) FENCE	(28) TACTILE WAYFINDING	(33) ORCA CARD READER (N.I.C.)	(38) NOT USED	(43) SIGNAGE (N.I.C.)	(48) ELECTRICAL METER, SEE ELEC	
(4) CRASH BARRIER	(9) METAL PANEL	(14) SINGLE PLY ROOFING	(19) ACCESS WALKWAY	(24) DOOR & FRAME	(29) TACTILE THRESHOLD	(34) LEANING RAIL (N.I.C.)	(39) BROOM FINISH CIPC W/ TOOLED JT PATTERN	(44) STANDPIPE	(49) FUTURE VMS (N.I.C.)	
(5) EDGE OF LID STRUCTURE	(10) METAL FASCIA	(15) GUTTER	(20) GUARDRAIL	(25) LOUVER	(30) FUTURE TVM (N.I.C.)	(35) BENCH (N.I.C.)	(40) DECORATIVE CIPC REVEAL	(45) STAIR RUNNEL	(50) SPEAKER (N.I.C.)	





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DATE:	2/21/2012		
PLOTTED BY:	maudar		
DESIGNED BY:	G. BANSEMER		
ENTERED BY:	J. WALTERS		
CHECKED BY:	N. GALER		
DQAM AUDIT DATE:	2/23/12	REVISIONS, P31c3, N148	02/21/2012
DESIGN MGR:	B. STEIN	92TF, P31c3, RFC	01/27/2012
		DESCRIPTION	DATE
			NO.

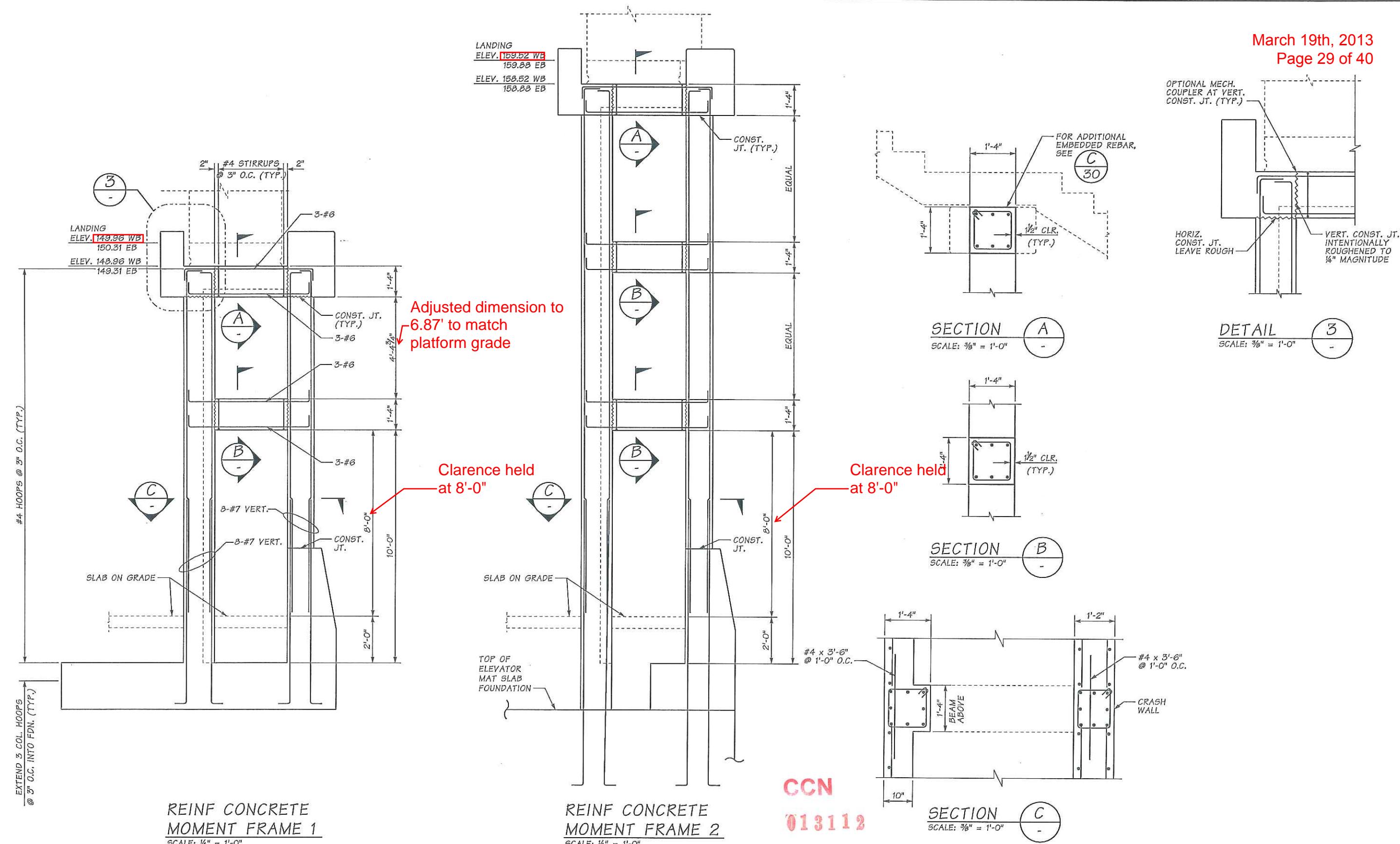
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10	WASH	(AC)NH-0520(046)	DAVID L. SCHAFFNER P.E., S.E.
JOB NUMBER		CONTRACT NO.	WILLIAM W. HERRING P.E., S.E.
10A027		7963	STRUCTURAL ENGINEER PROFESSIONAL ENGINEER REGISTERED ENGINEER 20849 2/29/12
		LOCATION NO.	20840 2/29/12
		XL3390	
			DESIGN ENGINEER



SR 520  
MEDINA TO SR 405 VICINITY  
EASTSIDE TRANSIT AND HOV  
92nd AVENUE NE TRANSIT STATION

CONCRETE SECTIONS & DETAILS

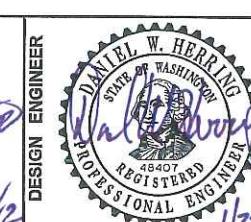
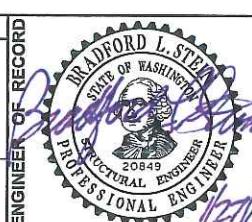
PLAN REF NO  
TF2-30  
SHEET  
OF  
SHEETS



SR 520 JOB NO. 7063 SHEET OF

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DATE:	1/23/2012	
PLOTTED BY:	maudar	
DESIGNED BY:	N. GALER	
ENTERED BY:	M. AUDAR	
CHECKED BY:	G. BANSEMER	
DQAM AUDIT DATE:	1/23/12	92TF, P31c3, RFC
DESIGN MGR:	B. STEIN	DESCRIPTION

RECORD			REGION NO.	STATE	FED.AID PROJ.NO.
			10	WASH	(AC)NH-0520(046)
			JOB NUMBER		
			10A027		
			CONTRACT NO.		LOCATION NO.
01/27/2012 0			7963		XL3390
DATE NO					



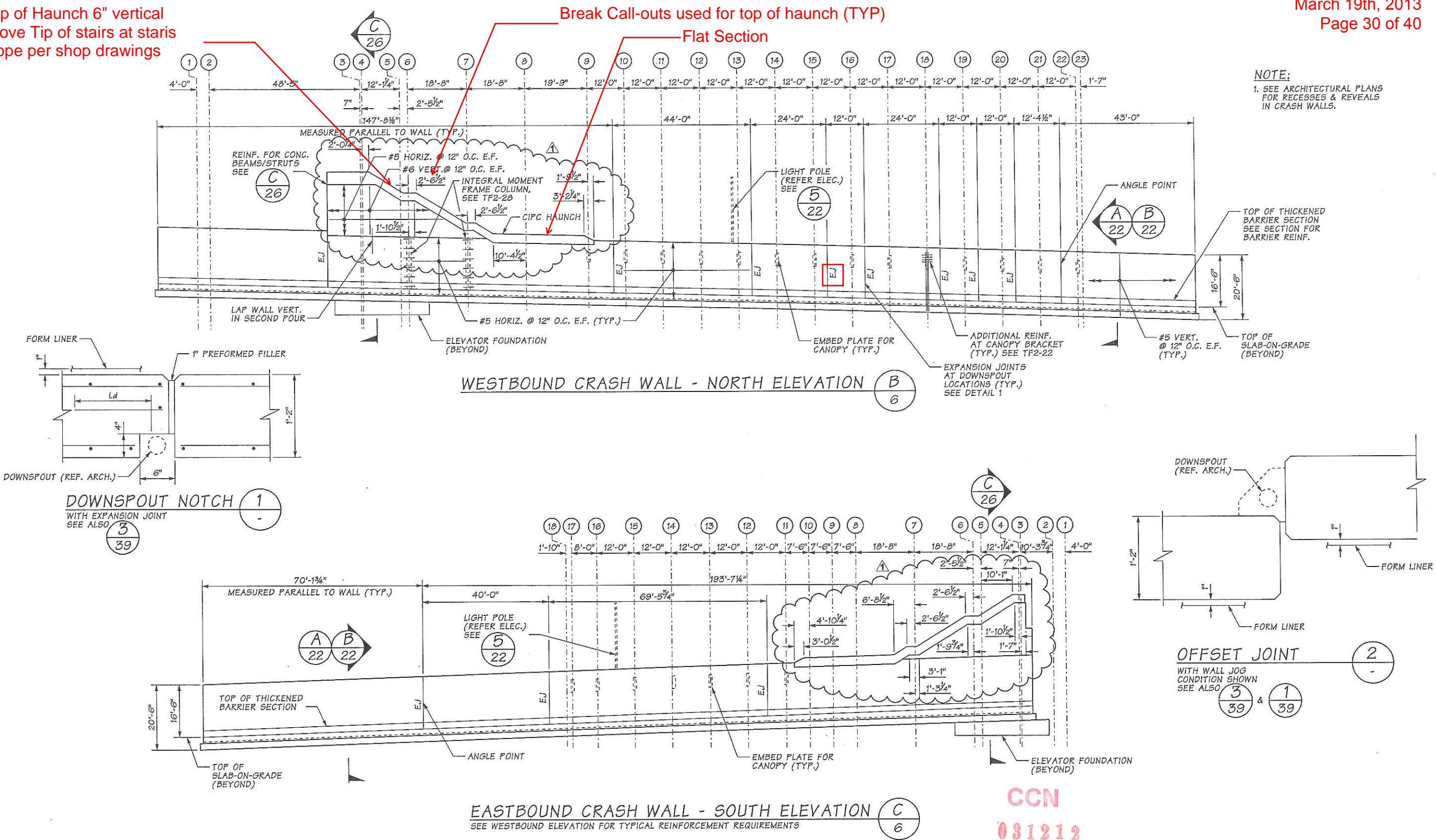
The logo for the Washington State Department of Transportation (WSDOT) features a circular emblem on the left containing a stylized 'T' and 'W' intertwined. To the right of the emblem, the words "Washington State" are written in a bold, serif font, followed by "Department of Transportation" in a slightly smaller, bold, sans-serif font.

**SR 520**  
**MEDINA TO SR 405 VICINITY**  
**EASTSIDE TRANSIT AND HOV**  
**92nd AVENUE NE TRANSIT STATION**

Top of Haunch 6" vertical  
above Tip of stairs at staris  
Slope per shop drawings

### Break Call-outs used for top of haunch (TYP)

### —Flat Section



CCN  
031212

FILE NAME:	c:\pw_working\sr520\maudar\dm03167\ECC7963_PS_ST_TF92_CRWE.dgn		
TIME:	9:58:57 AM	RELEASE FOR CONSTRUCTION RECORD	
DATE:	2/21/2012		
PLOTTED BY:	maudar		
DESIGNED BY:	N. GALER		
ENTERED BY:	M. AUDAR		
CHECKED BY:	G. BANSEMER	REVISIONS, P31c3, N148	02/21/2012
DQAM AUDIT DATE:	<i>SRM 2/23/12</i>	92TF, P31c3, RFC	01/27/2012
DESIGN MGR:	B. STEIN <i>BS 3/2/12</i>	DESCRIPTION	DATE

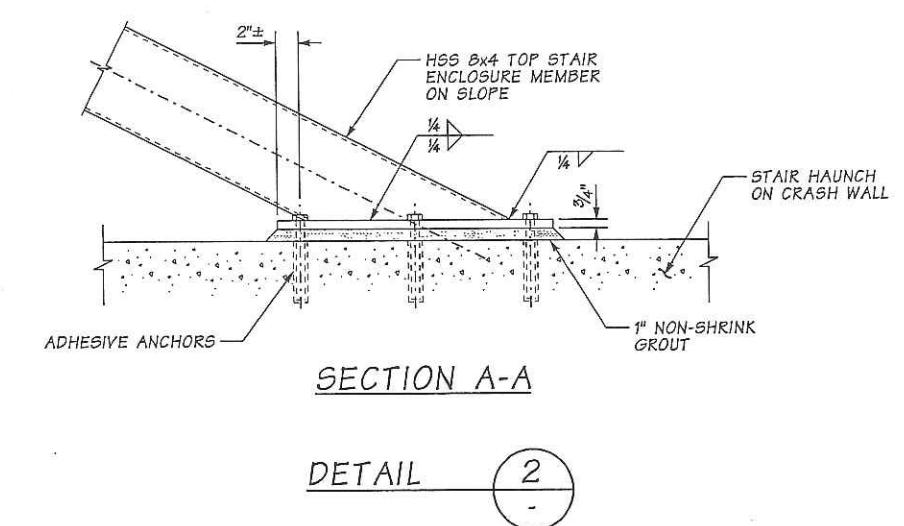
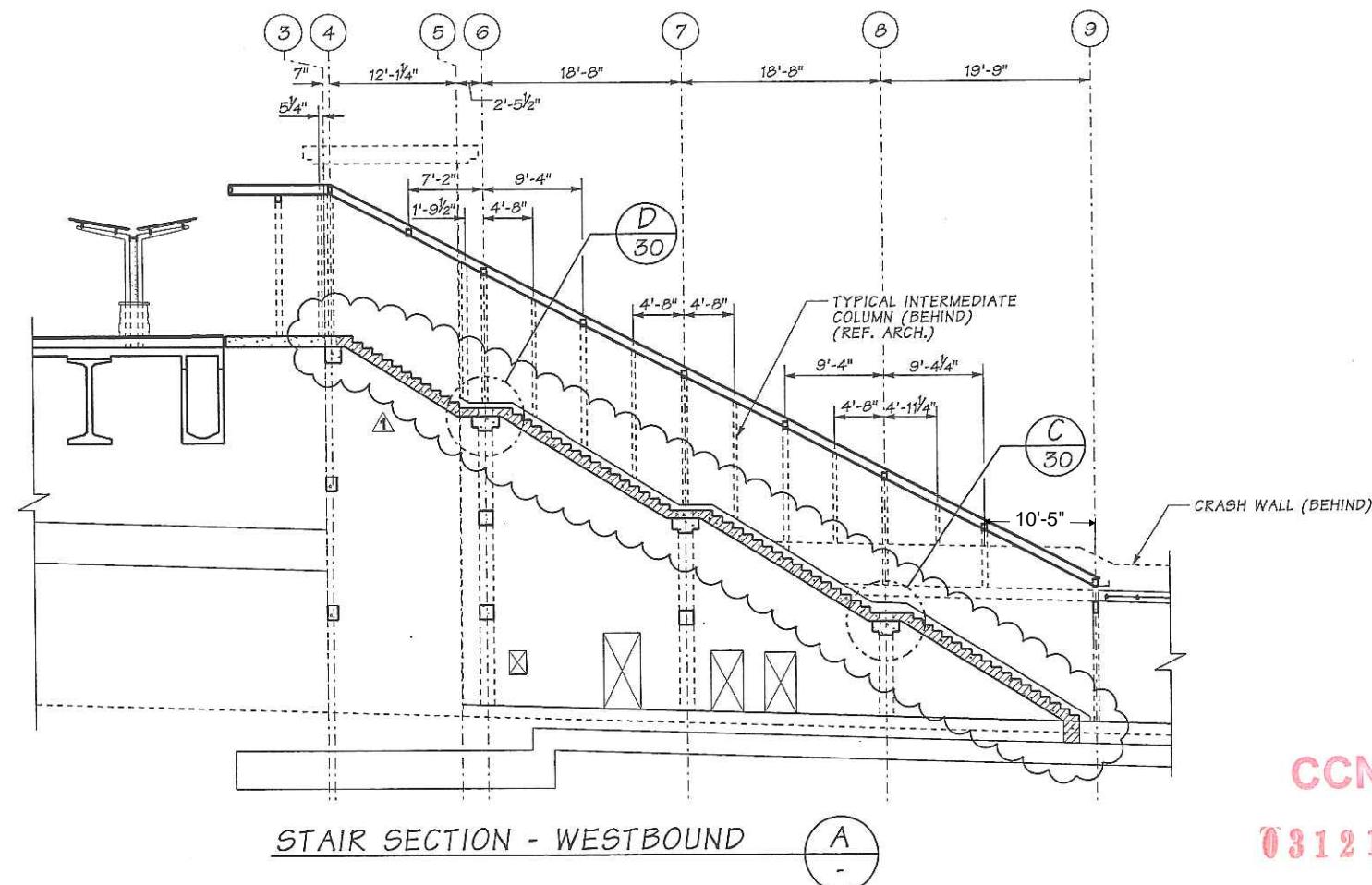
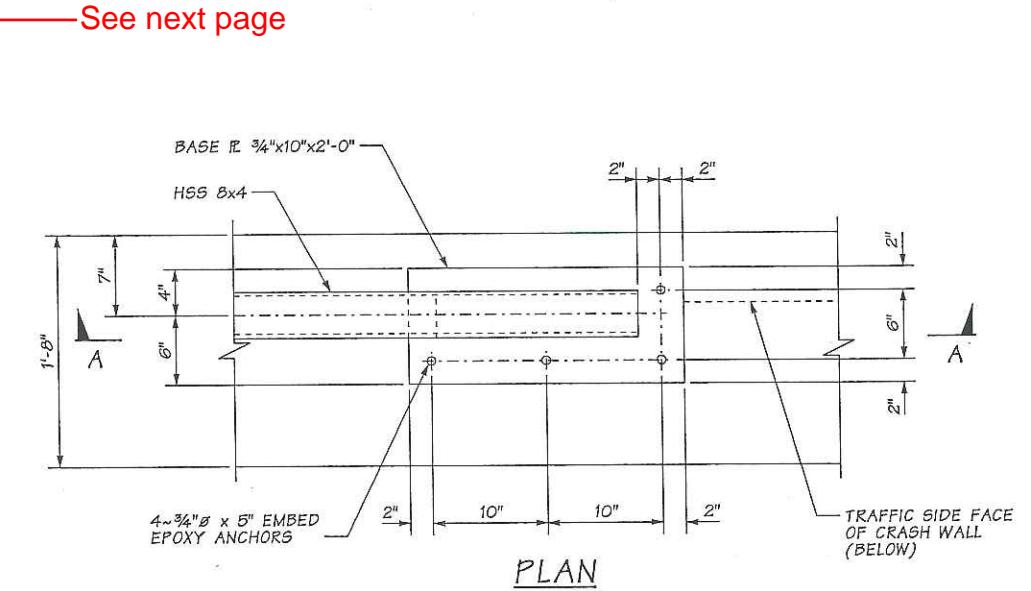
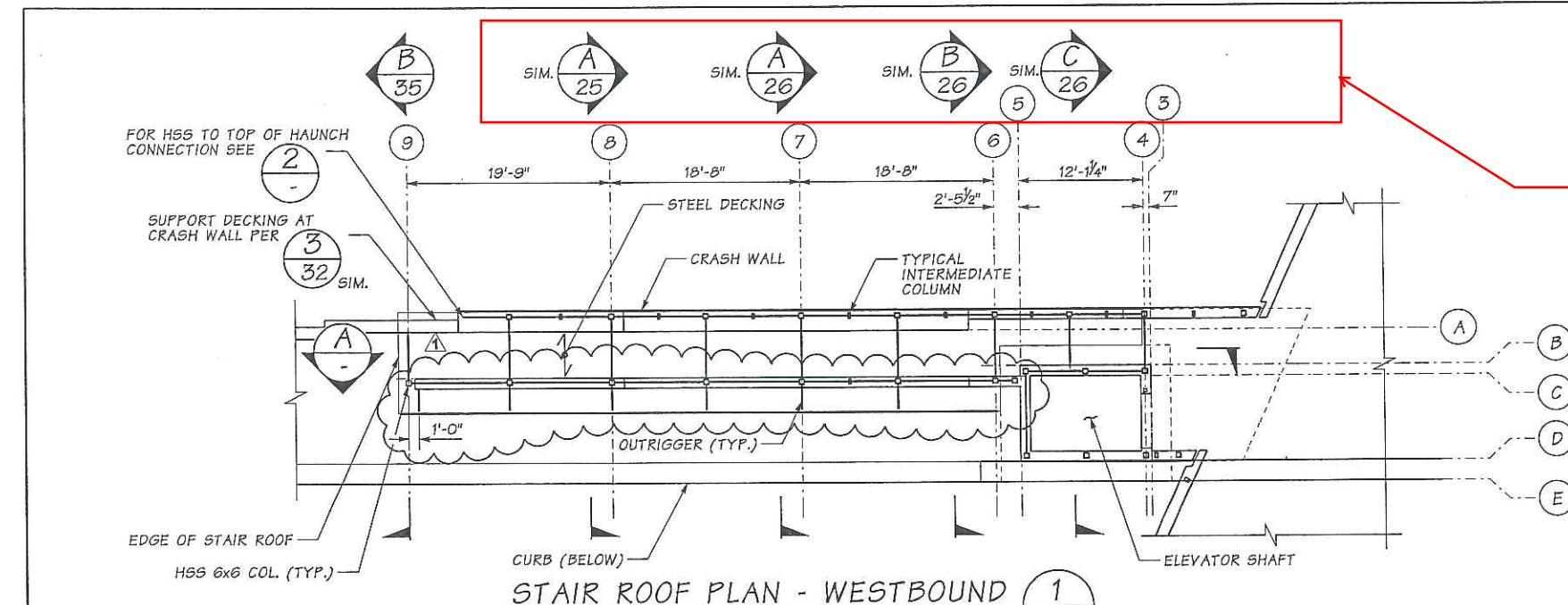
REGION NO.	STATE	FED.AID PROJ.NO.	ENGINEER OF RECORD		DESIGN ENGINEER
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JOB NUMBER 10A027		CONTRACT NO. 7963	LOCATION NO. XL3390		

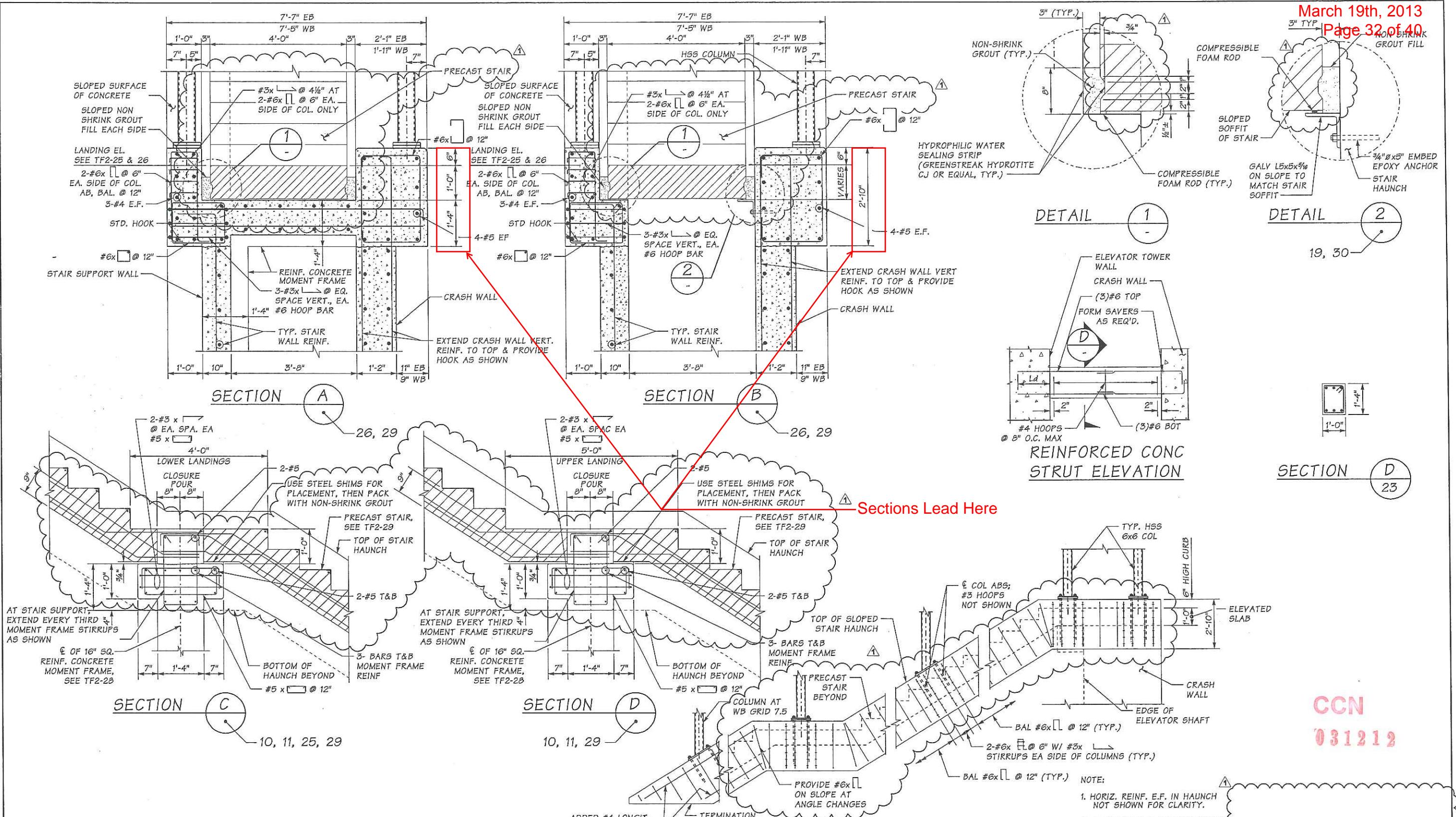


**SR 520  
MEDINA TO SR 405 VICINITY  
EASTSIDE TRANSIT AND HOV  
92nd AVENUE NE TRANSIT STATION**

## **CRASH WALL ELEVATIONS AND DETAILS**

PLAN REF NO  
**TF2-21**  
SHEET  
OF  
SHEETS





FILE NAME:		c:\pw_working\sr520\maudar\dm03167\ECC7963_PS_ST_TF92_DTLS.7.dgn	
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DATE:	2/21/2012		
PLOTTED BY:	maudar		
DESIGNED BY:	G. BANSEMER		
ENTERED BY:	J. WALTERS		
CHECKED BY:	N. GALER		
DQAM AUDIT DATE:	2/23/12	REVISIONS, P31c3, N148	02/21/2012
DESIGN MGR:	B. STEIN	92TF, P31c3, RFC	01/27/2012

DESCRIPTION	DATE	NO.

FED.AID PROJ.NO.  
(AC)NH-0520(046)

REGION NO. 10 STATE WASH

JOB NUMBER 10A027

CONTRACT NO. 7963

LOCATION NO. XL3390

ENGINEER OF RECORD

DAVID L. SCHAFFNER, PE, S.E.

STATE OF WASHINGTON

STRUCTURAL ENGINEER

20849

REGISTRATION NO. 100407

DESIGN ENGINEER

WILLIAM W. HERRING, PE, S.E.

STATE OF WASHINGTON

STRUCTURAL ENGINEER

20849

REGISTRATION NO. 100407

Washington State

Department of Transportation

Eastside Corridor Constructors

SR 520

MEDINA TO SR 405 VICINITY

EASTSIDE TRANSIT AND HOV

92nd AVENUE NE TRANSIT STATION

PLAN REF NO

TF2-30

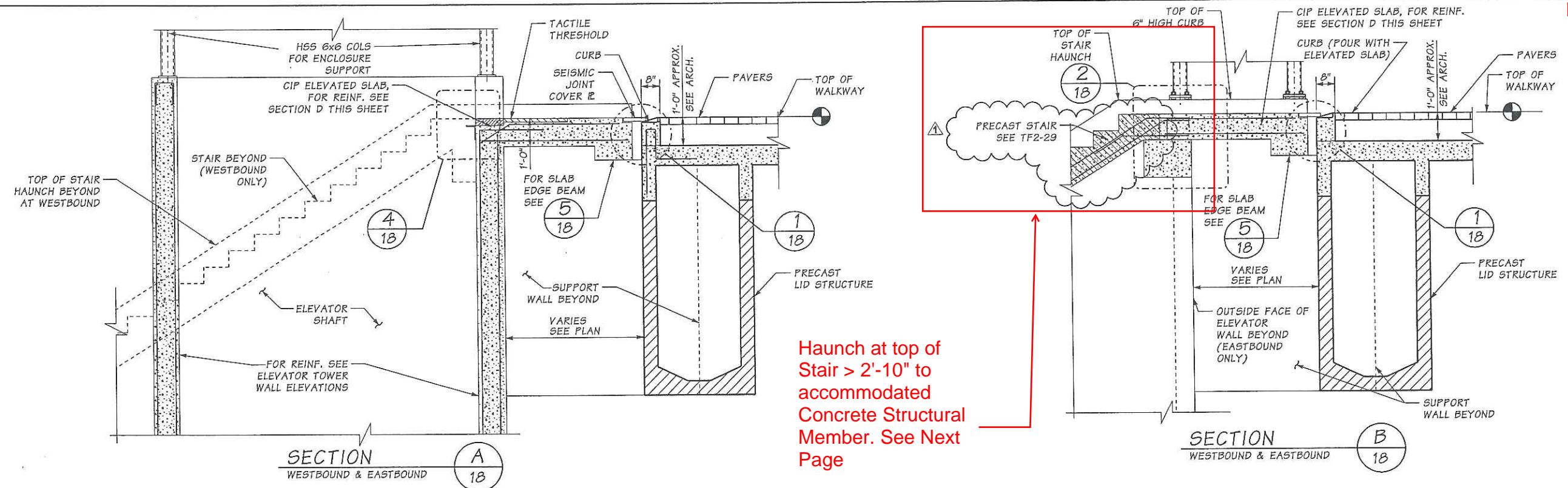
SHEET

OF

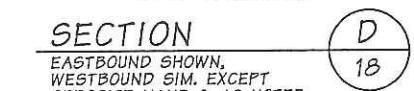
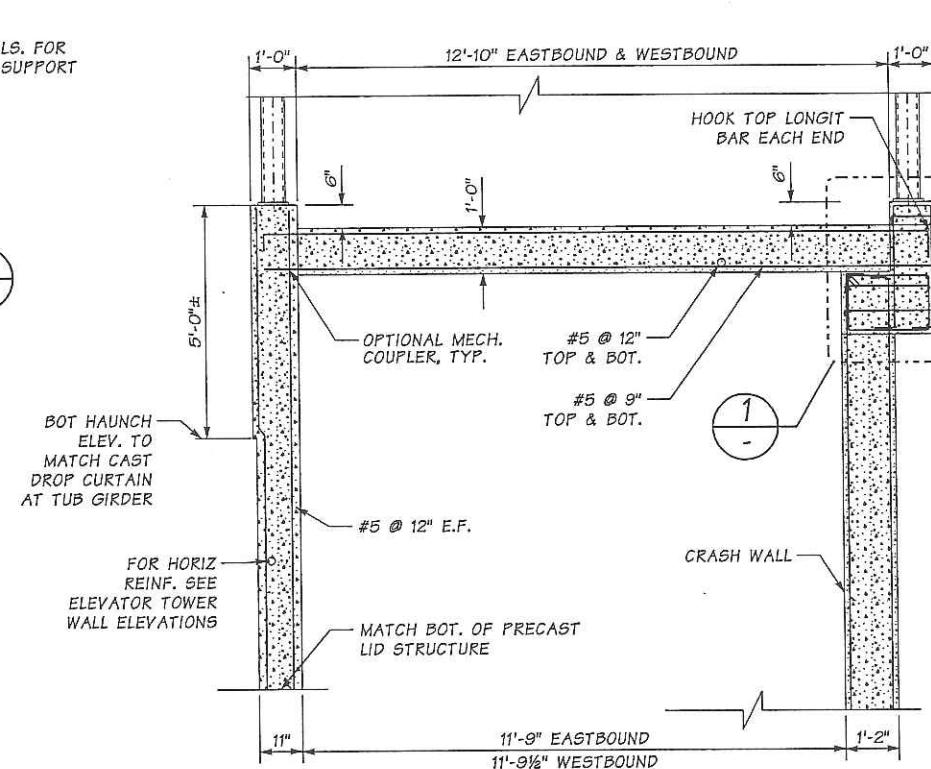
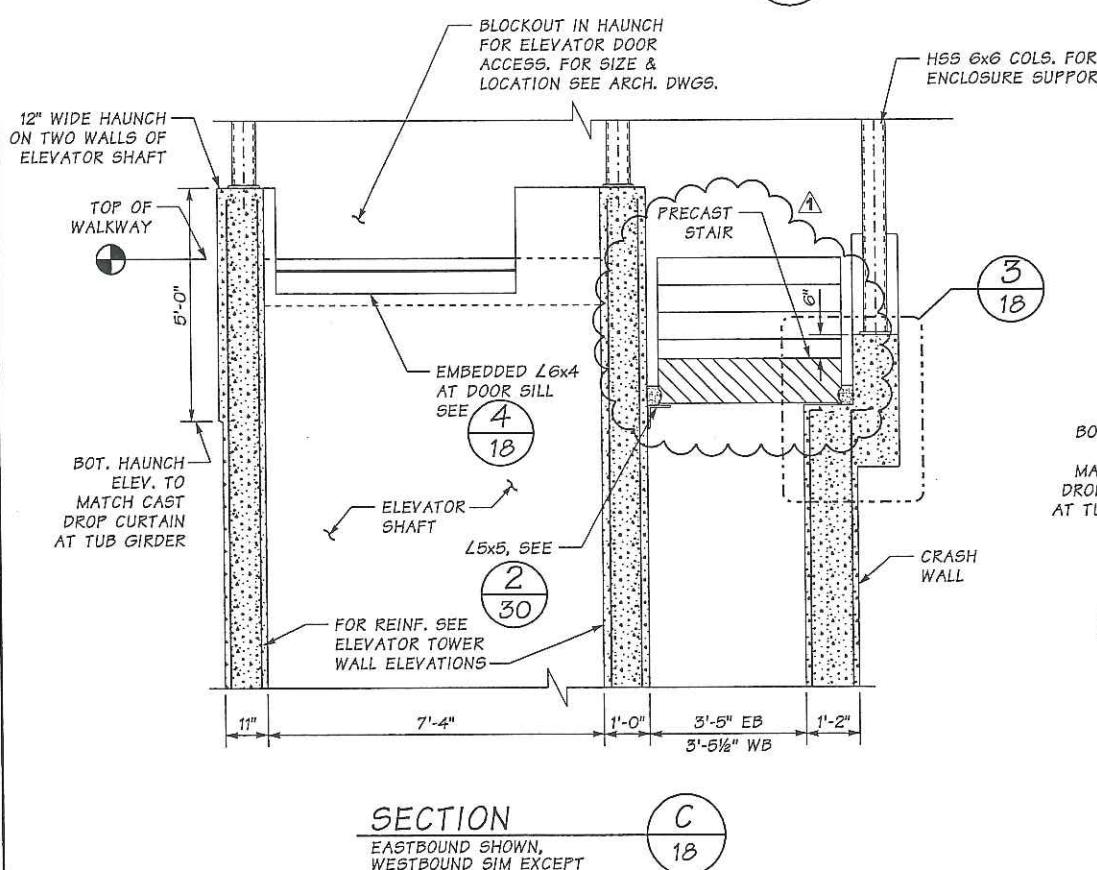
SHEETS

CONCRETE SECTIONS & DETAILS

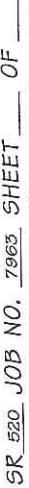
March 19th, 2013  
Page 33 of 40



Haunch at top of  
Stair > 2'-10" to  
accommodated  
Concrete Structural  
Member. See Next  
Page



CCN  
031212



FILE NAME:	c:\pw_working\sr520\maudar\dms03167\ECC7963_PS_ST_TF92_DTLS_5.dgn		
TIME:	9:58:48 AM	RELEASE FOR CONSTRUCTION RECORD	
DATE:	2/21/2012		
PLOTTED BY:	maudar		
DESIGNED BY:	G. BANSEMER		
ENTERED BY:	J. WALTERS		
CHECKED BY:	N. GALER	REVISIONS, P31c3, N148	02/21/2012
DQAM AUDIT DATE:	RDM 2/23/12	92TF, P31c3, RFC	01/27/2012
DESIGN MGR:	B. STEIN	DESCRIPTION	DATE

REGION NO.	STATE	FED.AID PROJ.NO.
10	WASH	(AC)NH-0520(04)
JOB NUMBER		
10A027		
CONTRACT NO.		LOCATION NO.
7963		XL3390

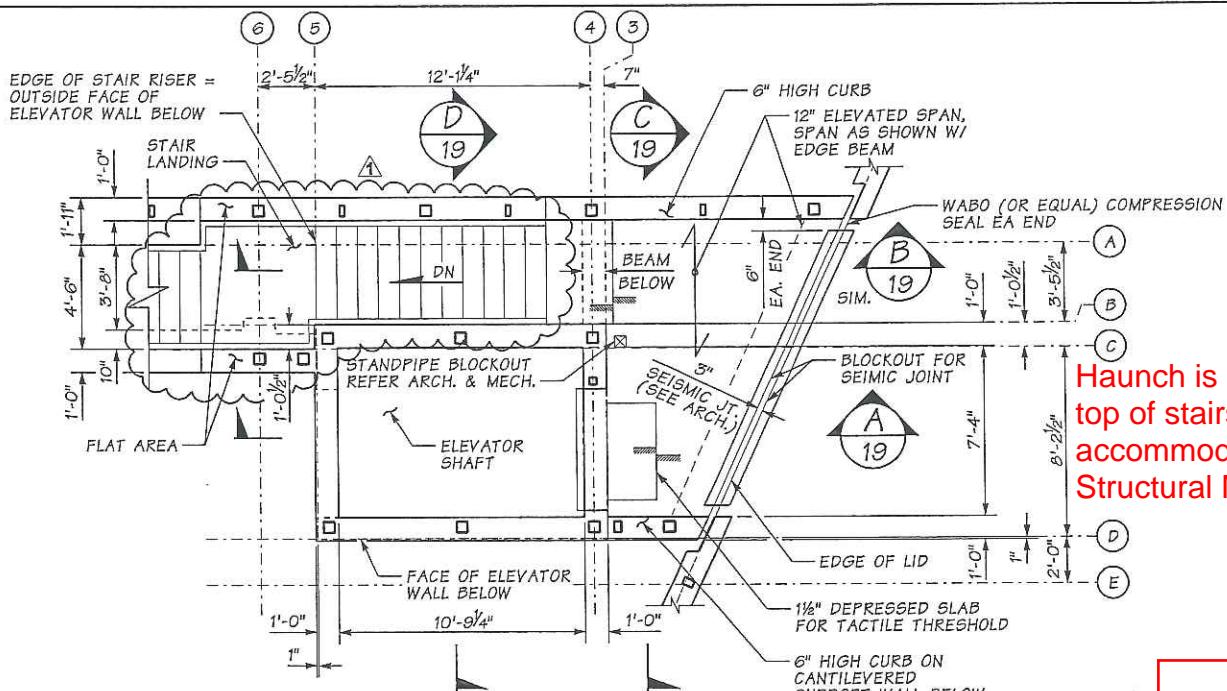


The image contains two logos. The top logo is for the Washington State Department of Transportation, featuring a stylized 'W' inside a circle. The bottom logo is for Eastside Corridor Constructors, showing a bridge arch over water.

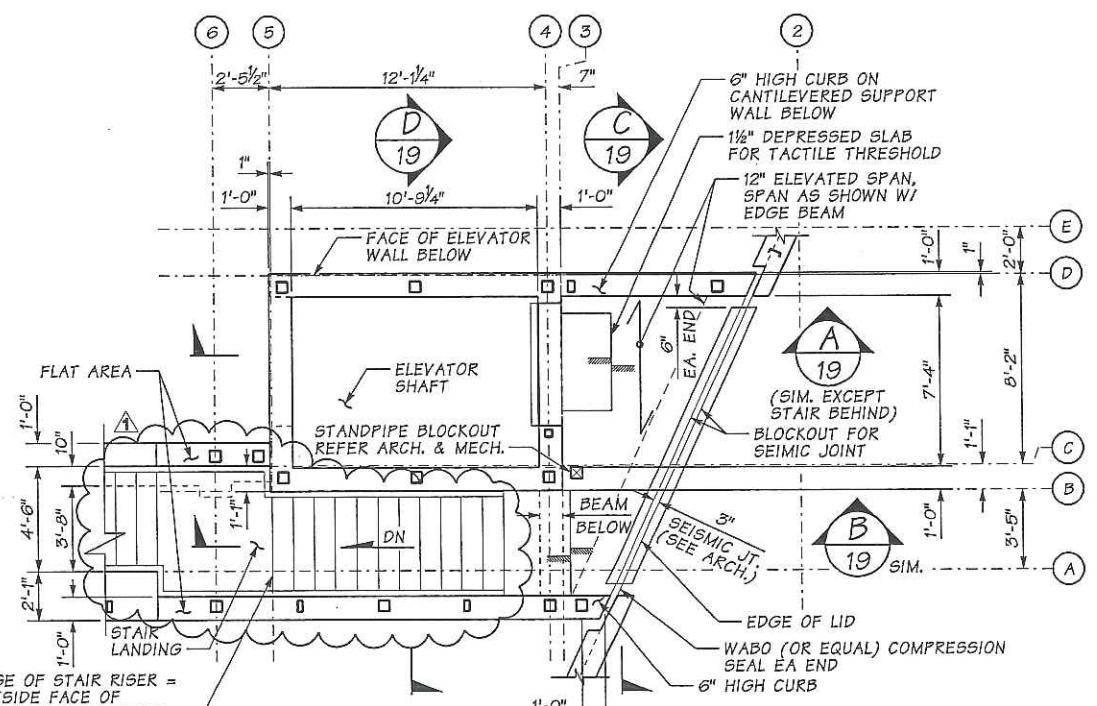
**SR 520**  
**MEDINA TO SR 405 VICINITY**  
**EASTSIDE TRANSIT AND HOV**  
**92nd AVENUE NE TRANSIT STATION**

**SECTIONS AND DETAILS  
WESTBOUND AND EASTBOUND**

PLAN REF NO  
**TF2-19**  
SHEET  
OF  
SHEETS



WESTBOUND BRIDGE LEVEL  
PARTIAL FRAMING PLAN

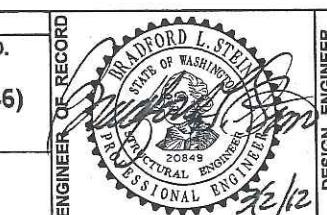


EASTBOUND BRIDGE LEVEL  
PARTIAL FRAMING PLAN

CCN  
031212

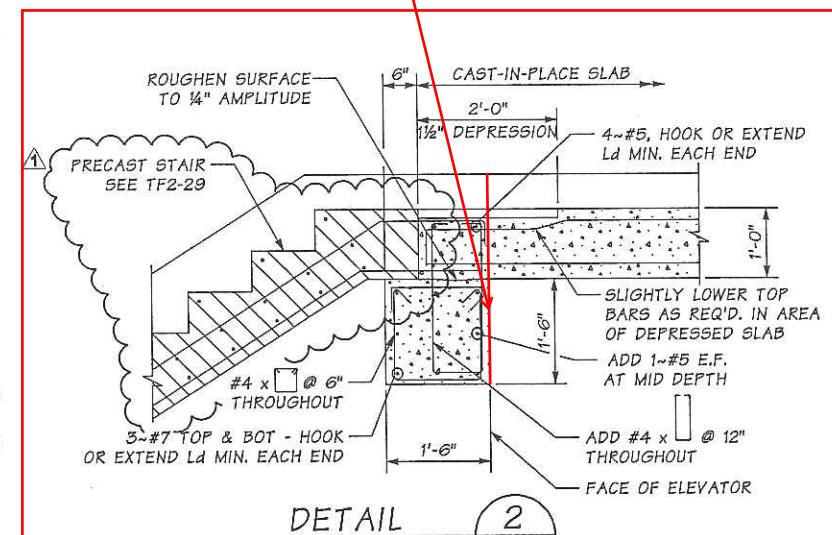
DETAIL

13,19

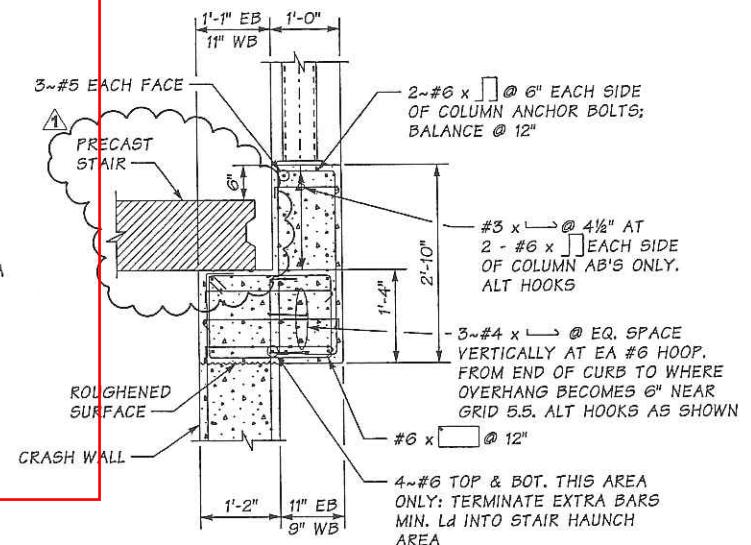


SEISMIC JOINT DETAIL 1  
19

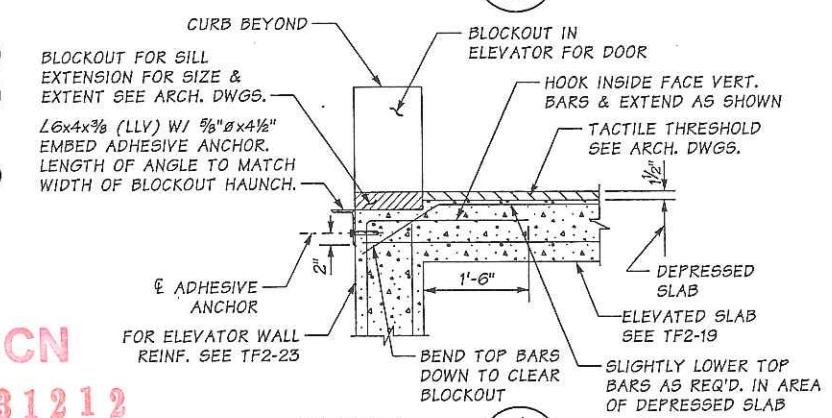
NOTE:  
SEISMIC JOINT AND ASSOCIATED HARDWARE  
IS PER MODEL PTC-500MOD BY CONSTRUCTION  
SPECIALTIES OR EQUAL.



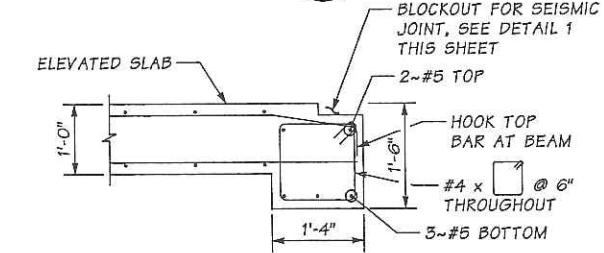
DETAIL  
2  
19



DETAIL  
3  
19

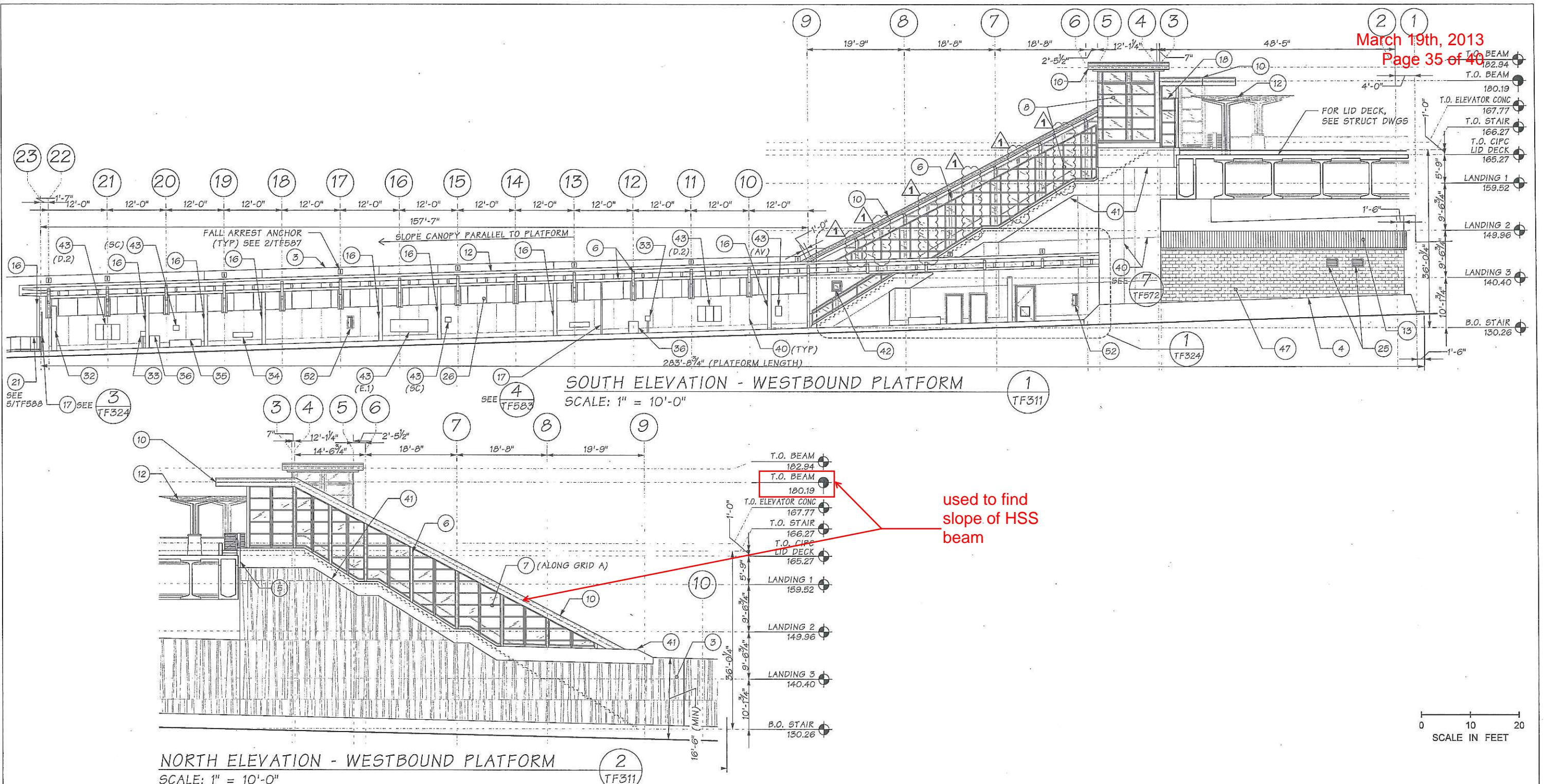


DETAIL  
4  
13,19



DETAIL  
5  
13, 14, 19

March 19th, 2013  
Page 35 of 40



SR 520 JOB NO. 7963 SHEET OF

1 CIPC	6 STEEL STRUCTURE	11 EDGE OF CANOPY	16 DOWNSPOUT	21 HANDRAIL	26 ACOUSTIC PANEL	31 C2 KING COUNTY POLE & FLAG (N.I.C)	36 TRASH RECEPTACLE (N.I.C)	41 CIPC HAUNCH	46 SEISMIC JOINT, SEE STRUCT	51 CCTV CAMERA (N.I.C)
2 PCC STAIR	7 CURTAIN WALL W/ METAL MESH	12 GLAZED CANOPY	17 PLATFORM WINDSCREEN	22 GATE	27 TACTILE PLATFORM EDGE	32 PATRON EMERGENCY STATION	37 HOSE BIB	42 STANDPIPE CABINET	47 CMU	52 FEC
3 CRASH WALL	8 CURTAIN WALL W/O METAL MESH	13 METAL ROOFING	18 LID LEVEL WINDSCREEN	23 FENCE	28 TACTILE WAYFINDING	33 ORCA CARD READER (N.I.C)	38 NOT USED	43 SIGNAGE (N.I.C)	48 ELECTRICAL METER, SEE ELEC	
4 CRASH BARRIER	9 METAL PANEL	14 SINGLE PLY ROOFING	19 ACCESS WALKWAY	24 DOOR & FRAME	29 TACTILE THRESHOLD	34 LEANING RAIL (N.I.C)	39 BROOM FINISH CIPC WI TOOLED JT PATTERN	44 STANDPIPE	49 FUTURE VMS (N.I.C)	
5 EDGE OF LID STRUCTURE	10 METAL FASCIA	15 GUTTER	20 GUARDRAIL	25 LOUVER	30 FUTURE TVM (N.I.C)	35 BENCH (N.I.C)	40 DECORATIVE CIPC REVEAL	45 STAIR RUNNEL	50 SPEAKER (N.I.C)	

FILE NAME:	RELEASE FOR CONSTRUCTION RECORD		REGION NO.	STATE	FED.AID PROJ.NO.
TIME: 2:47:38 PM			10	WASH	(AC)NH-0520(046)
DATE: 4/9/2012			JOB NUMBER		
PLOTTED BY: tcohen			10A027		
DESIGNED BY: G. HILL			CONTRACT NO.		
ENTERED BY: S. MITCHELL			7963		
CHECKED BY: Y. LEE	P31c4, GLAZING REVISIONS, N17B	04/02/12	LOCATION NO.		
DDAM AUDIT DATE: 4/11/12	92nd TRANSIT STATION DESIGN, P31c4, RFC	01/27/12	XL3390		
DESIGN MGR: B. STEIN BCS 4/16/12					
	DESCRIPTION	DATE	NO.		

3807

CCN  
041912

REGISTERED ARCHITECT  
GREGORY L HILL  
STATE OF WASHINGTON



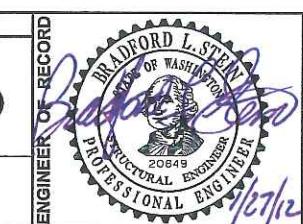
SR 520  
MEDINA TO SR 405 VICINITY  
EASTSIDE TRANSIT AND HOV  
92nd AVENUE NE TRANSIT STATION  
WESTBOUND PLATFORM ELEVATIONS

PLAN REF NO  
TF321  
SHEET  
OF  
SHEETS

SR 520 JOB NO. 7963 SHEET OF

FILE NAME: c:\pw\_working\sr520\maudar\dms03167\ECC7963\_PS\_ST\_TF92\_DTLS\_12.  
TIME: 6:48:11 PM RELEASE FOR CONSTRUCTION RE  
DATE: 1/23/2012  
PLOTTED BY: maudar  
DESIGNED BY: N. GALER  
ENTERED BY: J. WALTERS  
CHECKED BY: G. BANSEMER  
DQAQ AUDIT DATE: ROM 1/27/12 92TF, P31c3, RFC  
DESIGN MGR: B. STEIN BJS 1/27/12 DESCRIPTION

ORD			REGION NO.	STATE	FED.AID PROJ.NO.
			10	WASH	(AC)NH-0520(046
			JOB NUMBER		
			10A027		
			CONTRACT NO.		LOCATION NO.
01/27/2012	0		7963		XL3390
DATE	NO.				



The image contains two logos. The top logo is for the Washington State Department of Transportation, featuring a stylized 'W' inside a circle followed by the text "Washington State Department of Transportation". The bottom logo is for Eastside Corridor Constructors, showing a stylized road or bridge graphic above the company name.

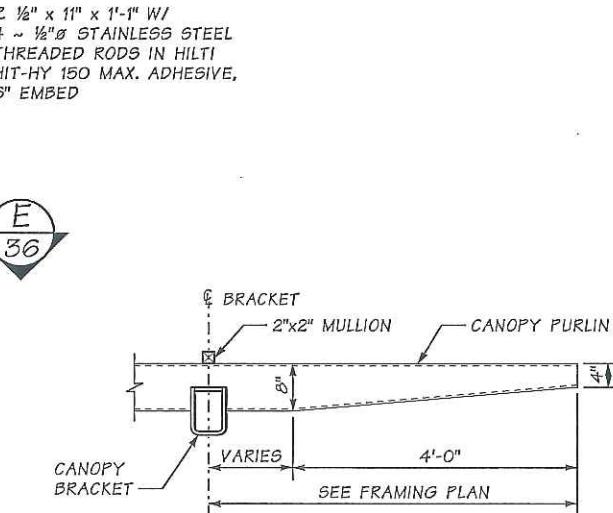
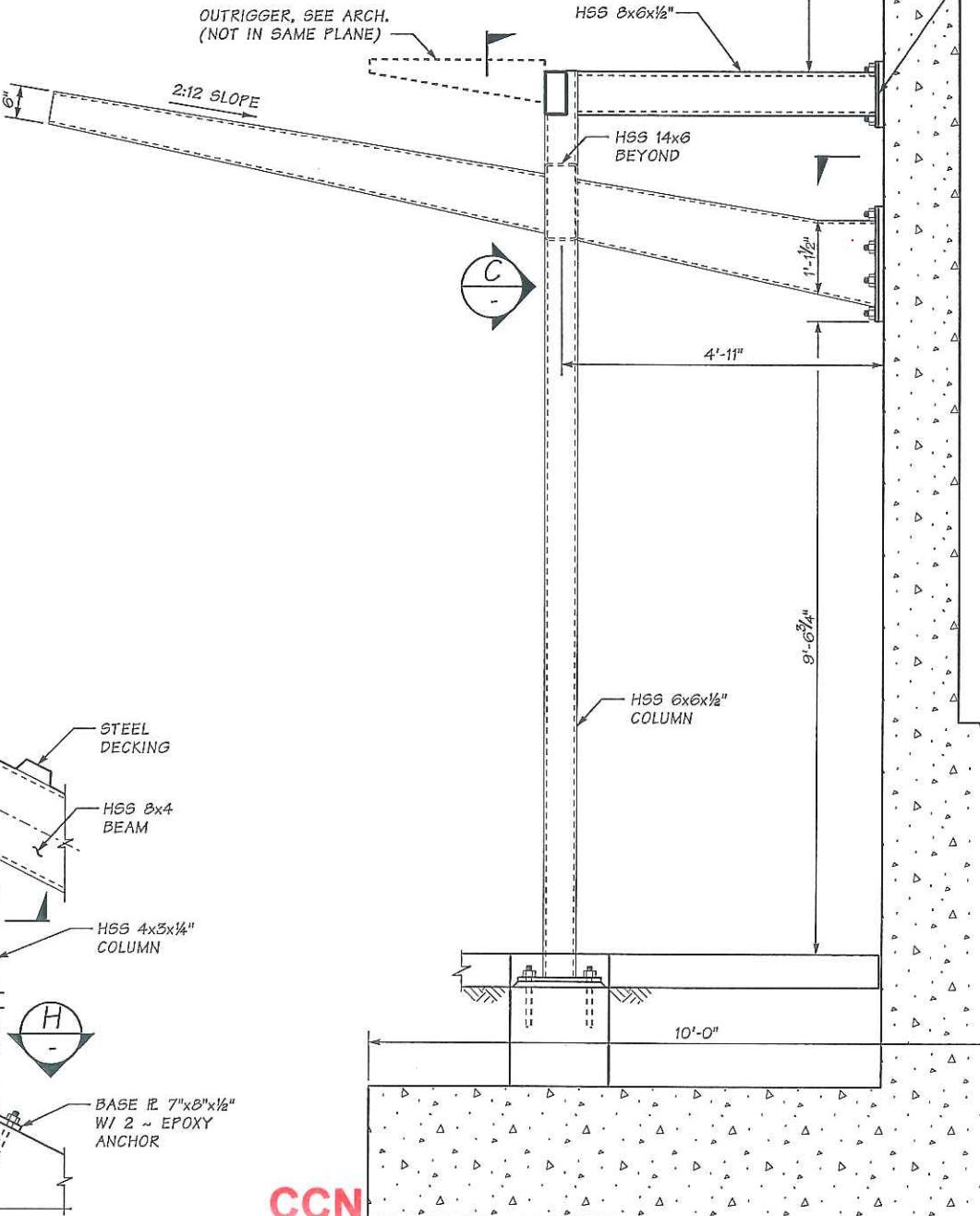
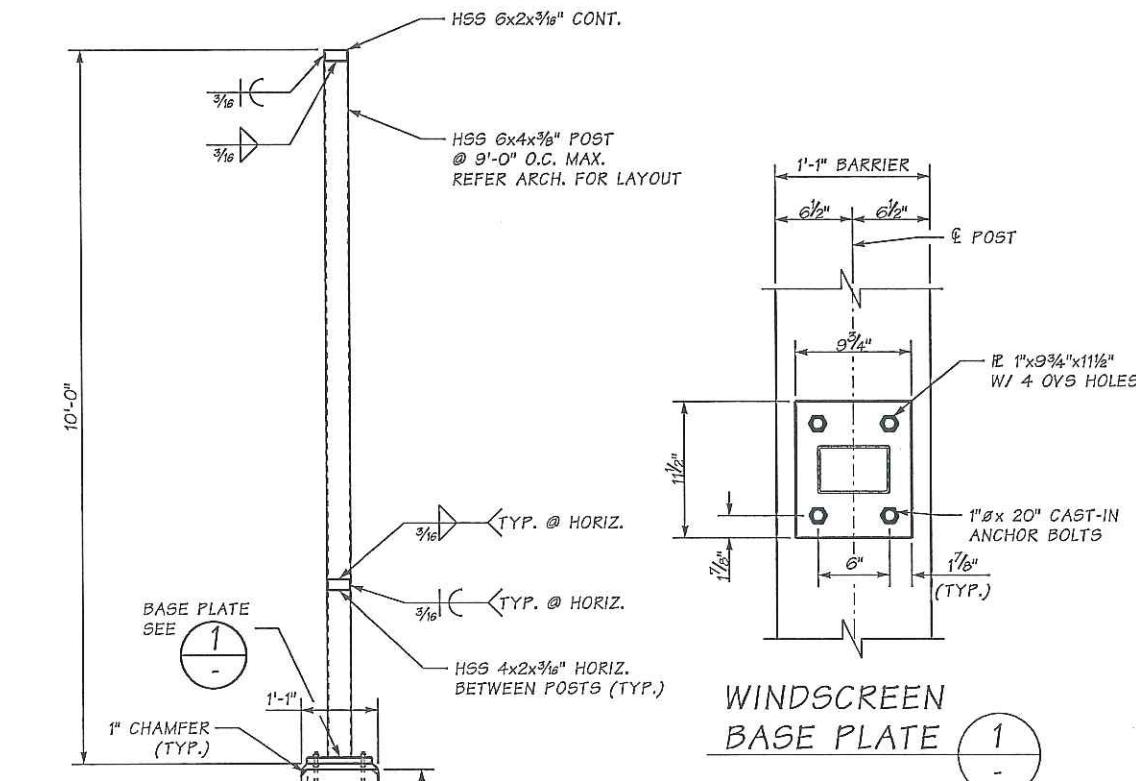
**SR 520  
MEDINA TO SR 405 VICINITY  
EASTSIDE TRANSIT AND HOV  
92nd AVENUE NE TRANSIT STATION**

## **SECTIONS AND DETAILS**

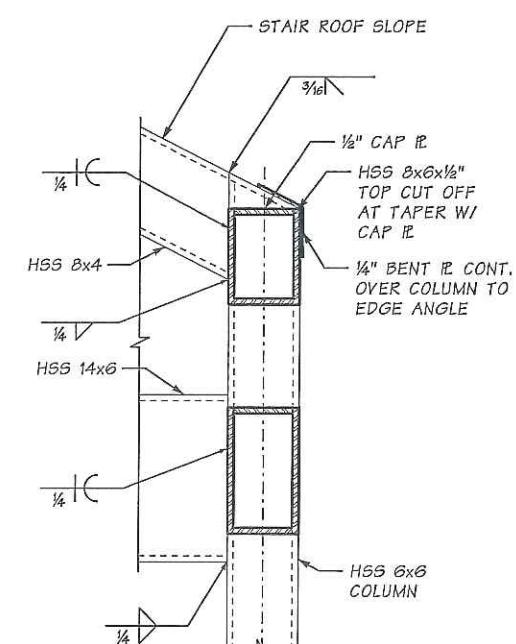
PLAN REF NO  
**TF2-35**  
SHEET  
OF  
SHEETS

March 19th, 2013  
Page 36 of 40

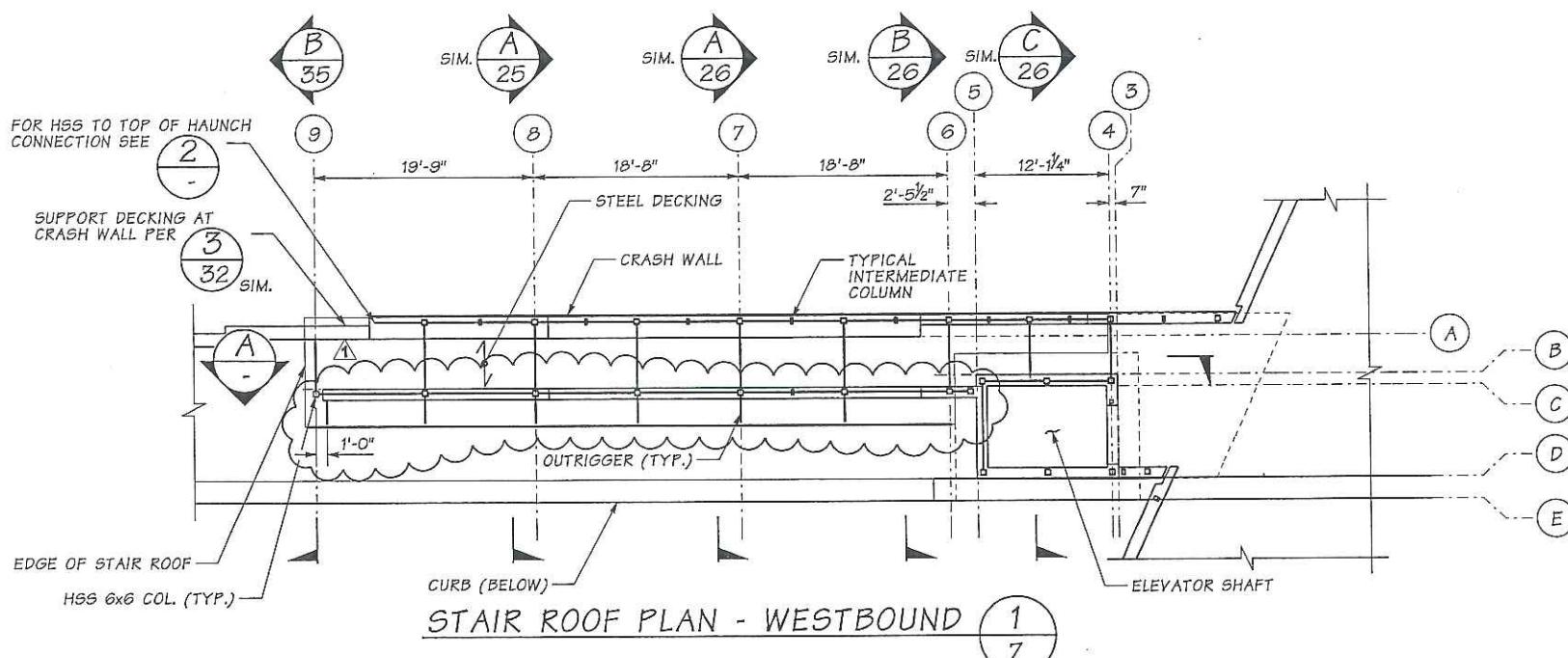
used to find  
slope of HSS  
beam shown on  
previous page



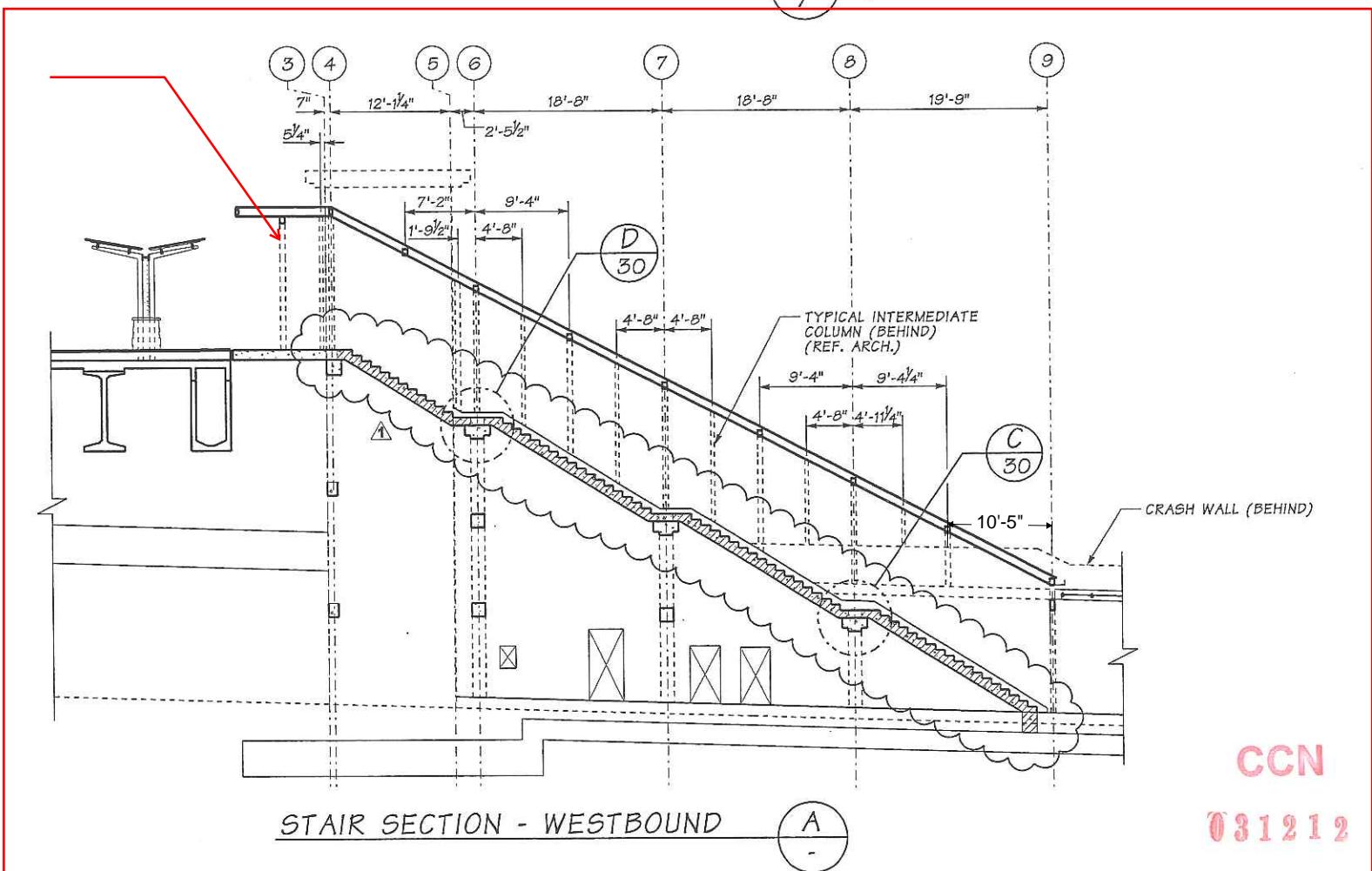
## CANOPY SECTION AT PLATFORM END



## INTERMEDIATE COLUMN AT STAIR CASE



# Horizontal Location not Defined



SR 520 JOB NO. 7963 SHEET OF

FILE NAME:	c:\pw_working\er520\maudar\dims03167\ECC7963_PS_ST_TF92_STAIR	
TIME:	9:58:06 AM	RELEASE FOR CONSTRUCTION
DATE:	2/21/2012	
PLOTTED BY:	maudar	
DESIGNED BY:	N. GALER	
ENTERED BY:	M. AUDAR	
CHECKED BY:	G. BANSEMER	
DQAM AUDIT DATE:	2/23/12	
DESIGN MGR:	B. STEIN	REVISIONS, P31c3, N148 92TF, P31c3, RFC DESCRIPTION

**WB.dgn**  
**CORD**

/21/2012	1
/27/2012	0
DATE	NO.

REGION NO.	STATE
10	WASH
JOB NUMBER	
<b>10A027</b>	
CONTRACT NO.	
<b>7963</b>	

FED.AID P  
AC)NH-05  
LOCATION  
XL33

0.J.NO.  
0(046)  
o.  
0

A circular seal for a professional structural engineer. The outer ring contains the words "BRADFORD", "STATE OF WASH.", and "PROFESSIONAL" at the bottom. The inner circle features a landscape illustration with mountains, water, and trees, with the year "2084" at the bottom right.

A photograph of a signature in black ink, appearing to be "Steve Noyes", written over a circular metal stamp. The stamp has a serrated edge and contains the text "STEVE NOYES" at the top and "ENGINEER" at the bottom, with a small "©" symbol. In the center of the stamp, the date "3/2/12" is stamped.

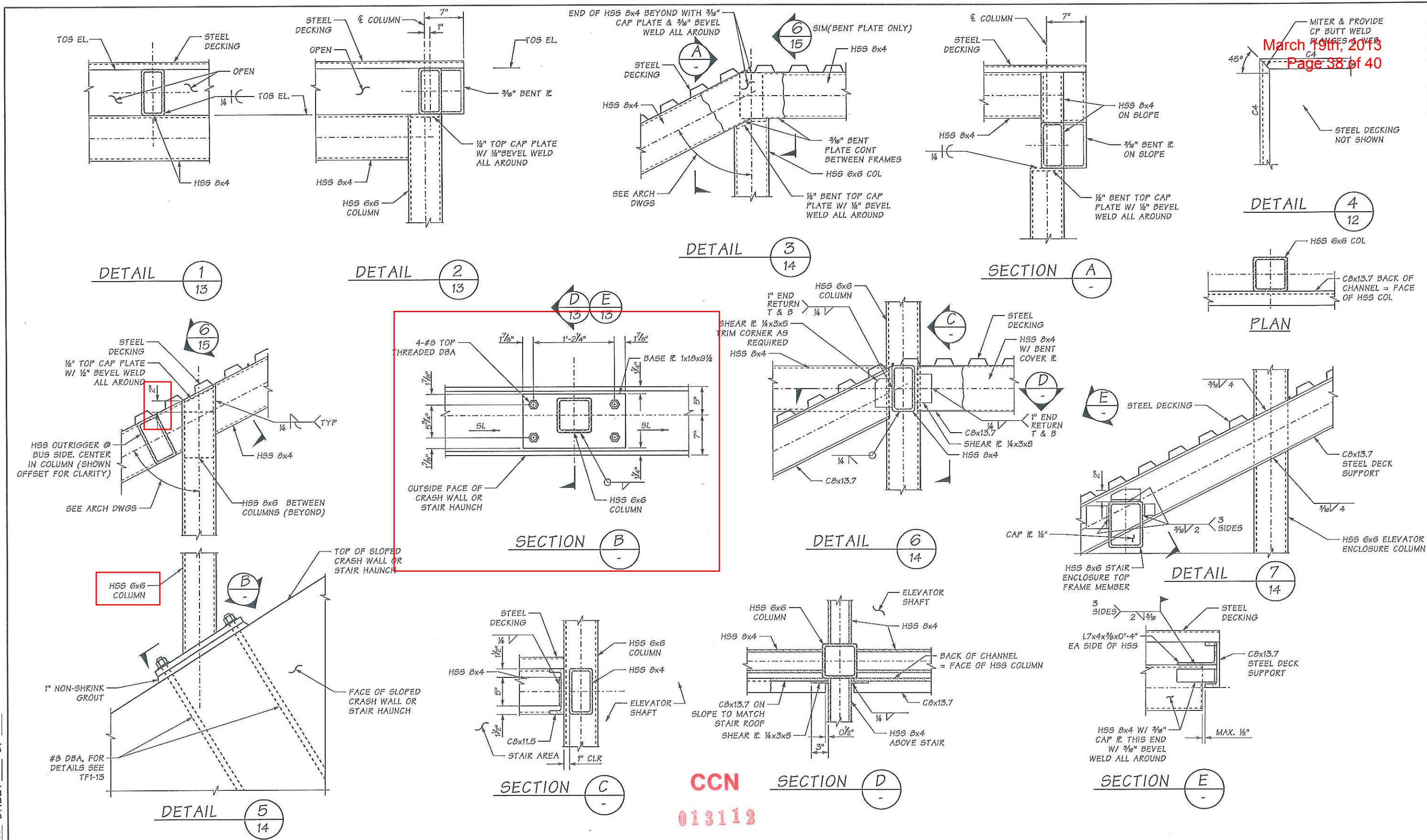


Washington State  
Department of Transportation

**SR 520**  
**MEDINA TO SR 405 VICINITY**  
**EASTSIDE TRANSIT AND HOV**  
**92nd AVENUE NE TRANSIT STATION**

**STAIR PLAN AND SECTION WESTBOUN**

PLAN REF NO  
**TF2-10**  
SHEET  
OF  
SHEETS



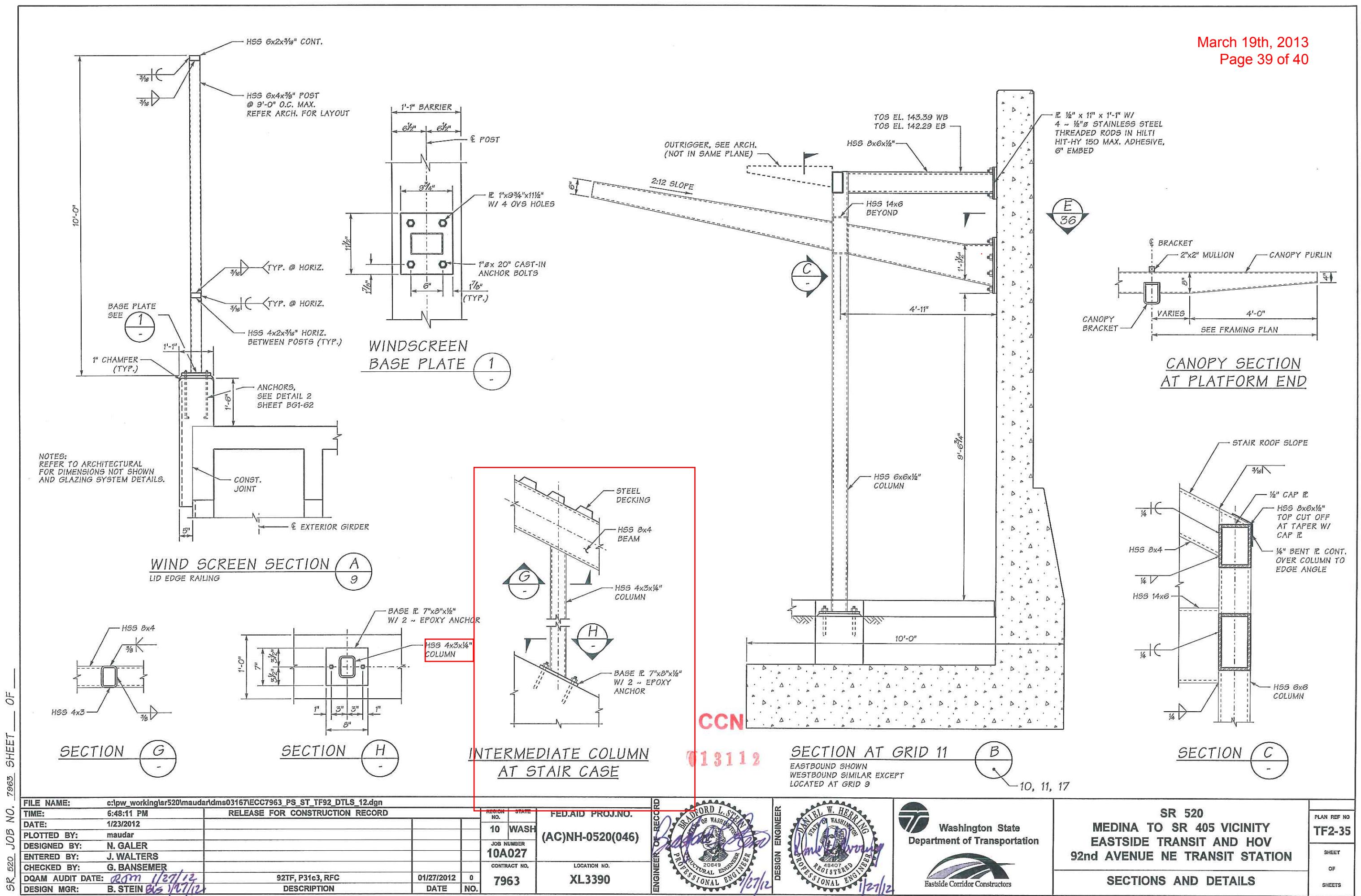
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TIME:	6:44:48 PM	RELEASE FOR CONSTRUCTION RECORD	
DATE:	1/23/2012		
PLOTTED BY:	maudar		
DESIGNED BY:	G. BANSEMER		
ENTERED BY:	J. WALTERS		
CHECKED BY:	N. GALER		
DOAM AUDIT DATE:	01/27/12	01/27/2012	0
DESIGN MGR:	B. STEIN	92TF, P31c3, RFC	DATE NO.

REGION NO.	STATE	FED.AID PROJ.NO.	ENGINEER OF RECORD
10	WASH	(AC)NH-0520(046)	BRADFORD L. STEIN STATE OF WASHINGTON STRUCTURAL ENGINEER PROFESSIONAL REGISTERED 12/27/12
JOB NUMBER			DANIEL W. HERRING STATE OF WASHINGTON STRUCTURAL ENGINEER PROFESSIONAL REGISTERED 12/27/12
CONTRACT NO.			
LOCATION NO.		XL3390	



SR 520  
MEDINA TO SR 405 VICINITY  
EASTSIDE TRANSIT AND HOV  
92nd AVENUE NE TRANSIT STATION  
STEEL FRAMING SECTIONS & DETAILS

PLAN REF NO  
TF2-16  
SHEET  
OF  
SHEETS



# Grid Line Coordinates

March 19th, 2013

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Grid Intersect	Northing	Easting												
A23	564671.5727	1626994.0369	B23	564668.4123	1626995.4412	C23	564667.4604	1626995.8642	D23	564659.9592	1626999.1972	E23	564658.1315	1627000.0093
A22	564672.2156	1626995.4838	B22	564669.0552	1626996.8881	C22	564668.1033	1626997.3111	D22	564660.6021	1627000.6441	E22	564658.7744	1627001.4562
A21	564677.0883	1627006.4500	B21	564673.9279	1627007.8543	C21	564672.9760	1627008.2773	D21	564665.4748	1627011.6103	E21	564663.6471	1627012.4224
A20	564681.9609	1627017.4162	B20	564678.8005	1627018.8205	C20	564677.8486	1627019.2435	D20	564670.3474	1627022.5765	E20	564668.5197	1627023.3886
A19	564686.8336	1627028.3824	B19	564683.6732	1627029.7867	C19	564682.7213	1627030.2097	D19	564675.2201	1627033.5427	E19	564673.3924	1627034.3548
A18	564691.7062	1627039.3486	B18	564688.5458	1627040.7529	C18	564687.5939	1627041.1758	D18	564680.0927	1627044.5089	E18	564678.2650	1627045.3210
A17	564696.5789	1627050.3148	B17	564693.4185	1627051.7191	C17	564692.4665	1627052.1420	D17	564684.9654	1627055.4751	E17	564683.1377	1627056.2872
A16	564701.4515	1627061.2810	B16	564698.2911	1627062.6853	C16	564697.3392	1627063.1082	D16	564689.8380	1627066.4412	E16	564688.0103	1627067.2534
A15	564706.3241	1627072.2472	B15	564703.1638	1627073.6514	C15	564702.2118	1627074.0744	D15	564694.7106	1627077.4074	E15	564692.8829	1627078.2195
A14	564711.1968	1627083.2134	B14	564708.0364	1627084.6176	C14	564707.0845	1627085.0406	D14	564699.5833	1627088.3736	E14	564697.7556	1627089.1857
A13	564716.0694	1627094.1796	B13	564712.9090	1627095.5838	C13	564711.9571	1627096.0068	D13	564704.4559	1627099.3398	E13	564702.6282	1627100.1519
A12	564720.9421	1627105.1457	B12	564717.7817	1627106.5500	C12	564716.8298	1627106.9730	D12	564709.3286	1627110.3060	E12	564707.5009	1627111.1181
A11	564725.8147	1627116.1119	B11	564722.6543	1627117.5162	C11	564721.7024	1627117.9392	D11	564714.2012	1627121.2722	E11	564712.3735	1627122.0843
A10	564730.6874	1627127.0781	B10	564727.5270	1627128.4824	C10	564726.5750	1627128.9054	D10	564719.0739	1627132.2384	E10	564717.2462	1627133.0505
A9	564735.5600	1627138.0443	B9	564732.3996	1627139.4486	C9	564731.4477	1627139.8716	D9	564723.9465	1627143.2046	E9	564722.1188	1627144.0167
A8	564743.5796	1627156.0928	B8	564740.4192	1627157.4971	C8	564739.4672	1627157.9201	D8	564731.9661	1627161.2531	E8	564730.1384	1627162.0652
A7	564751.1592	1627173.1514	B7	564747.9988	1627174.5556	C7	564747.0469	1627174.9786	D7	564739.5457	1627178.3116	E7	564737.7180	1627179.1237
A6	564758.7389	1627190.2099	B6	564755.5785	1627191.6142	C6	564754.6266	1627192.0371	D6	564747.1254	1627195.3701	E6	564745.2977	1627196.1823
A5	564759.7371	1627192.4564	B5	564756.5767	1627193.8607	C5	564755.6248	1627194.2837	D5	564748.1236	1627197.6167	E5	564746.2959	1627198.4288
A4	564764.6521	1627203.5178	B4	564761.4917	1627204.9221	C4	564760.5397	1627205.3451	D4	564753.0386	1627208.6781	E4	564751.2109	1627209.4902
A3	564764.8889	1627204.0509	B3	564761.7285	1627205.4552	C3	564760.7766	1627205.8781	D3	564753.2754	1627209.2112	E3	564751.4477	1627210.0233
A2	564784.5487	1627248.2964	B2	564781.3883	1627249.7007	C2	564780.4364	1627250.1237	D2	564772.9352	1627253.4567	E2	564771.1075	1627254.2688
A1	564786.1729	1627251.9518	B1	564783.0125	1627253.3561	C1	564782.0606	1627253.7791	D1	564774.5594	1627257.1121	E1	564772.7317	1627257.9242

Surveyor should perform QA/QC of gridline information immediately