

SURVEY SYMBOLS

- BM BENCH MARK
- TBM TEMPORARY BENCHMARK
- BNSK BERTEN SPIKE
- HT HUB & TACK
- IP IRON PIPE
- LS PROPERTY CORNER
- LT LEAD & TACK
- LTS LOT STAKE
- MAG MAG NAIL
- MAGS MAG NAIL W/SHINER
- MIC MONUMENT IN CASE
- BD BRASS DISK SURFACE MONUMENT
- RB REBAR
- RBC REBAR & CAP
- RCKC KING CO. REBAR & CAP
- SCR SCRIBE
- SK SPIKE
- SMON STONE MONUMENT
- MS MAG SPIKE
- AD ALUMINUM DISK

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	WA-03-0245	3

DATE	MARK	NATURE	REVISIONS
3/16/60			



BASIS OF BEARING:
THE INVERSE BETWEEN WASHINGTON STATE DEPARTMENT OF TRANSPORTATION CONTROL POINTS IS17200 (MONUMENT ID NO. 6468) AND DAVE (MONUMENT ID NO. 3554), SAID INVERSE BEING NORTH 89°32'48" WEST, A DISTANCE OF 552.29 FEET ACCORDING TO THE NAD 83/11 VALUES POSTED.
IS17200 (ID NO. 6468) N.223138.310, E.1269515.040 ELEV. 16.092
DAVE (ID NO. 3554) N.223142.687, E.1268962.741 ELEV. 15.607

TO CONVERT THE HORIZONTAL VALUES FROM NAD83/11 TO NAD83/91 AT POINT IS17200 (ID NO. 6468) SUBTRACT 0.38' FROM THE NORTHING AND SUBTRACT 0.35 FEET FROM THE EASTING.

BENCH MARK:
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION CONTROL POINTS IS17200 (MONUMENT ID NO. 6468), SAID POINT HAVING A NAVD 88 ELEVATION OF 16.092 FEET.

NOTES:
1. CENTERLINE, RIGHT OF WAY, AND PROPERTY LINES SHOWN HEREON WERE CALCULATED BASED ON PUBLIC INFORMATION SUCH AS ASSESSOR MAPS, RECORD OF SURVEYS, WSDOT HIGHWAY PLANS, AND SEATTLE QUARTER MAPS, SEATTLE GIS DIGITAL INFORMATION. NO TITLE REPORTS WERE REVIEWED IN THE PREPARATION OF THIS BASE MAP. THIS MAP DOES NOT SHOW EASEMENTS, PROPERTY LINE AGREEMENTS, LEASES, OR ANY OTHER INFORMATION THAT MAY BE DISCOVERED BY REVIEWING CURRENT TITLE REPORTS.
2. THE SOUTHERLY BOUNDARY OF COLUMBIA STREET BETWEEN 5TH AVENUE AND 6TH AVENUE IS SHOWN DIFFERENTLY ON THE KING COUNTY ASSESSOR MAP, SEATTLE QUARTER MAP, SEATTLE GIS, AND WSDOT RIGHT OF WAY PLANS. IF AN ACCURATE PROPERTY OWNERSHIP NEEDS TO BE DETERMINED IN THIS VICINITY A FULL TITLE SEARCH NEEDS TO BE ORDERED AND REVIEWED IN ORDER TO FORM AN OPINION OF THE RIGHTS OF THE VARIOUS AGENCIES AN PRIVATE OWNERS.



MERIDIAN
WASHINGTON STATE
LAMBERT GRID
NORTH ZONE
NAD 83/11
VERTICAL DATUM
NAVD 88

ADDENDUM#1

SC1
SURVEY CONTROL

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	MM	REVIEWED:	CONST.
CHECKED	AG	SDOT	PROJ. MGR.
DRAWN		RECEIVED	
CHECKED	AG	REVISED AS BUILT	
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



Seattle
Department of
Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE:

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

NO.	PC	TS6753A
JOB	R/W	
	CO	TS6753A
VAULT PLAN NO.		
790-432		
SHEET 3 OF 33		

GENERAL NOTES

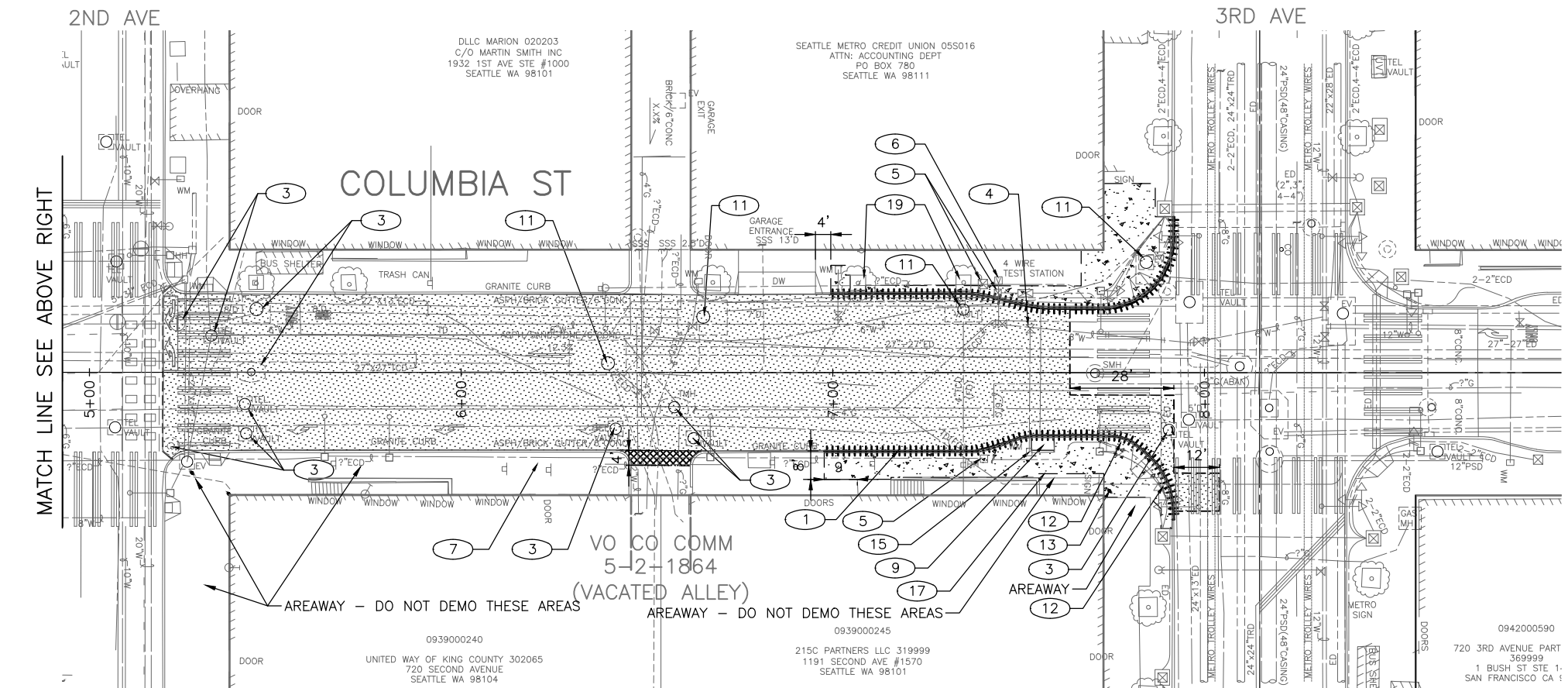
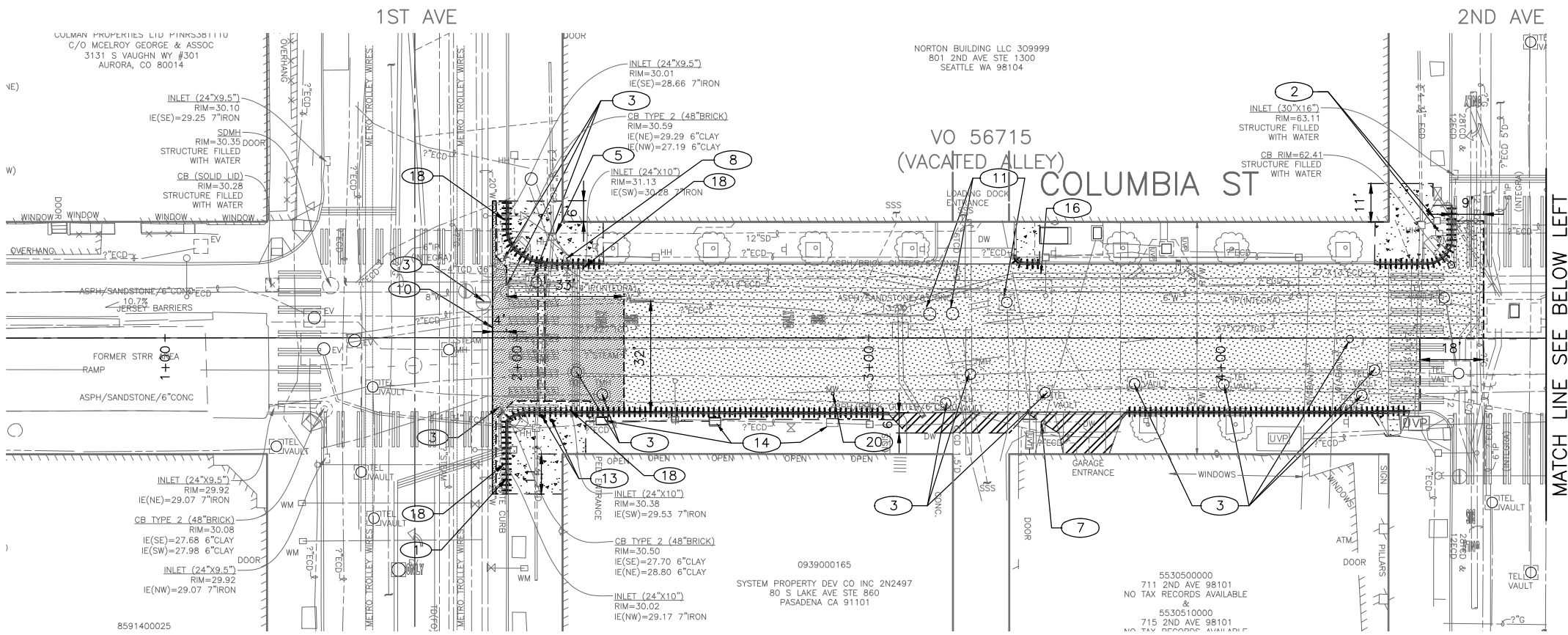
- PRESERVE AND PROTECT ALL EXISTING FEATURES UNLESS NOTED OTHERWISE. SEE 1-07.16 AND 1-07.17.
- SALVAGE ALL BRICK AND COBBLESTONE THAT IS REMOVED BY PAVEMENT REMOVAL WORK. SALVAGE ALL GRANITE CURB TO BE REMOVED. SEE SECTION 1-07.28 AND 2-02
- SEE SIGNAL PLAN FOR REMOVAL AND RELOCATION OF ELECTRICAL ITEMS.
- SEE CHANNELIZATION AND SIGNING PLAN FOR REMOVAL AND RELOCATION OF CHANNELIZATION AND SIGNING ITEMS.

CONSTRUCTION NOTES

- SALVAGE GRANITE CURB
- REMOVE WATER METER BOX, ALLOW SPU 14 DAYS TO RETIRE THE WATER SERVICE.
- ADJUST EX MH, CB, OR VC
- REMOVE EX VALVE BOX WITH WATER MAIN WORK
- ADJUST EX HANDHOLE
- ADJUST EX WATER METER BOX
- REMOVE PARKING KIOSK (BY OTHERS)
- REPLACE HYDRANT (SEE WATERMAIN PLAN)
- REMOVE TREE
- SAWCUT ASPH CONC FULL DEPTH
- ADJUST EX SCL VAULT LID (BY SCL)
- REPLACE BRASS STREET NAMES
- REMOVE AND REPLACE SURVEY POINT. PER 1-07.16(1A)
- REMOVE EXISTING PLANTERS, BY OTHERS
- ADJUST WATER METER LOCATION (BY SPU)
ADJUST WATER METER BOX BY CONTRACTOR
- REMOVE PNEUMATIC LINE AND MH, GROUT PIPE ENDS, 6" MINIMUM UNDER SIDEWALK.
- SAW AT EXISTING SCORE LINE, DO NOT OVER CUT INTO AREAWAY.
- REMOVE INLET WITH PAVEMENT REMOVAL
- REMOVE TREE GRATE
- ADJUST EXISTING MONITORING WELL

REMOVAL LEGEND

- REMOVE PAVEMENT
- REMOVE DRIVEWAY
- REMOVE SIDEWALK
- REMOVE ASPHALT TO CONCRETE BASE
- REMOVE ASPHALT DRIVEWAY APRON
- REMOVE CURB (PAID PER 2-02.5)
- SAWCUT RIGID PAVEMENT FULL DEPTH
- SAWCUT CONCRETE WALK FULL DEPTH

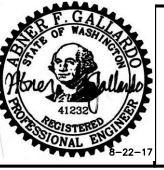


CALL 2 WORKING DAYS
BEFORE YOU DIG
1-800-424-5555

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY: CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED MM	CHECKED AG	REVIEWED: DES. SDOT	CONST. PROJ. MGR.
DRAWN MM	CHECKED AG	RECEIVED	REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



Seattle Department of Transportation
ORDINANCE NO. PW NO.
FUND: SCALE: H. 1"=20', V. 1"=10'

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

PC	TS6753C
R/W	
CO	TS6753A
VAULT PLAN NO.	790-432
SHEET	4 OF 33

CONSTRUCTION NOTES

- ## PAVING LEGEND

- ## DRAINAGE NOTES

- PV1

PAVING AND DRAINAGE PLAN

CALL 2 WORKING DAYS
BEFORE YOU DIG
1-800-424-5555

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

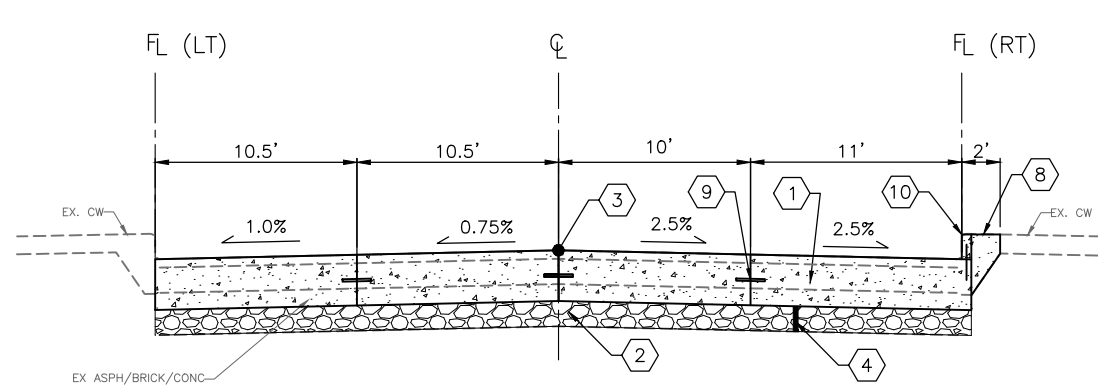
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	MM	REVIEWED:	
CHECKED	AG	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN	MM	RECEIVED	
CHECKED	AG	REVISED AS BUILT	
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			

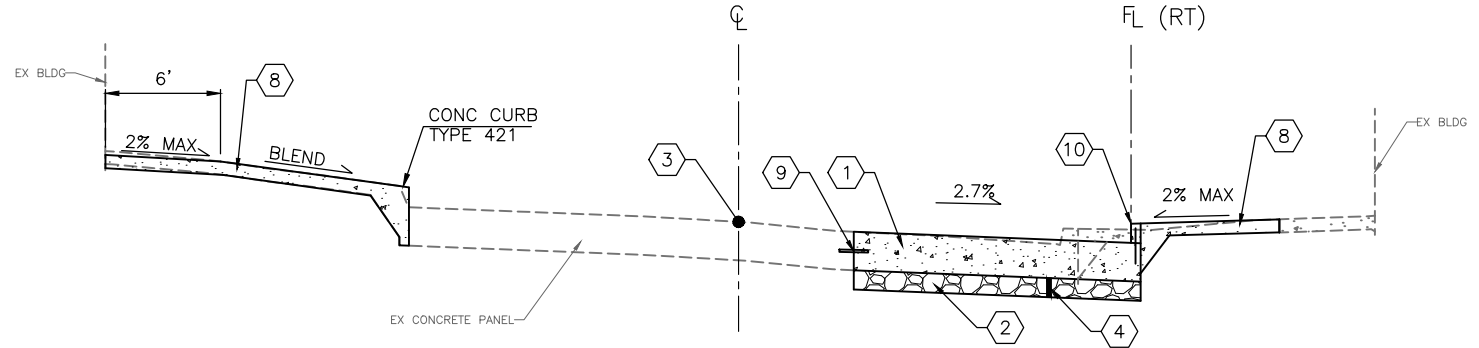


COLUMBIA ST TWO-WAY TRANSIT CORRIDOR

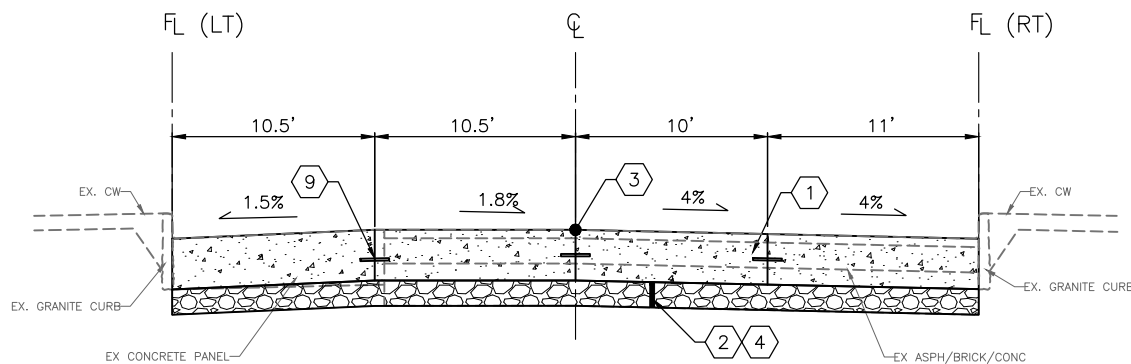
JOB NO.	PC	TS6753C
	R/W	
	CO	TS6753A
VAULT PLAN NO.		
790-432		
SHEET 5 OF 33		



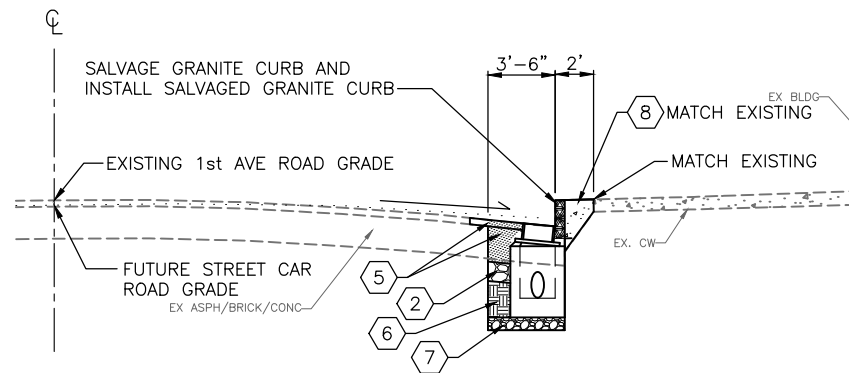
SECTION A-A PV1
COLUMBIA ST
NTS



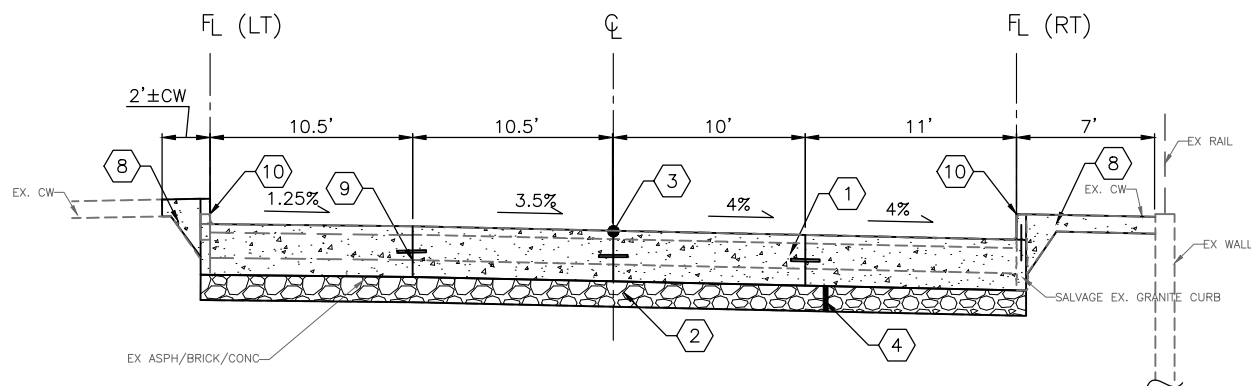
SECTION D-D PV1
COLUMBIA ST
NTS



SECTION B-B PV1
COLUMBIA ST
NTS



SECTION E-E PV1
1 ST AVE
NTS



SECTION C-C PV1
COLUMBIA ST
NTS

CROSS SECTION NOTES:

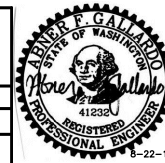
- 1 ROADWAY CEM. CONC, 12" DEPTH, PER STD PLAN 402A
- 2 MNRL AGGREGATE TYPE 2, 6" DEPTH
- 3 CENTERLINE PROFILE GRADE
- 4 COMMON EXCAVATION, APPROXIMATELY 6 INCHES
- 5 PAVEMENT, HMA (CL 1/2") 2 INCH MIN. DEPTH, OVER HMA (CL 1/2") 7 INCH MIN. DEPTH, PER STD PLAN 402C
- 6 COMPACTED FILL
- 7 TYPE 9 AGGREGATE FOR INLET BASE PER STD PLAN 250
- 8 CEM CONC SIDEWALK PER STD PLAN 420
- 9 INSTALL TIE BARS AND DOWELS PER STD PLAN 405a&c AT NEW PANELS AND 405a&b FOR NEW TO EXISTING PANELS.
- 10 CONC CURB TYPE 410C, CURB HEIGHT VARIES BETWEEN 4 INCHES AND 6 INCHES.

RS1
ROADWAY SECTIONS

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY: CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

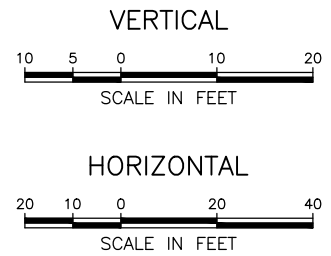
INITIALS AND DATE	INITIALS AND DATE
DESIGNED MM	REVIEWED: DES. CONST.
CHECKED AG	SDOT PROJ. MGR.
DRAWN MM	RECEIVED
CHECKED AG	REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.	



Seattle
Department of
Transportation
ORDINANCE NO. Ordinance PW NO.
FUND: Fund Number
SCALE:

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

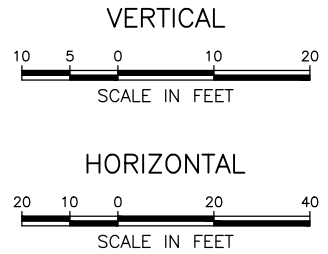
PC	TS6753C
R/W	
CO	TS6753A
VAULT PLAN NO.	790-432
SHEET	6 OF 33

[illegible]

PP1
PAVING PROFILES

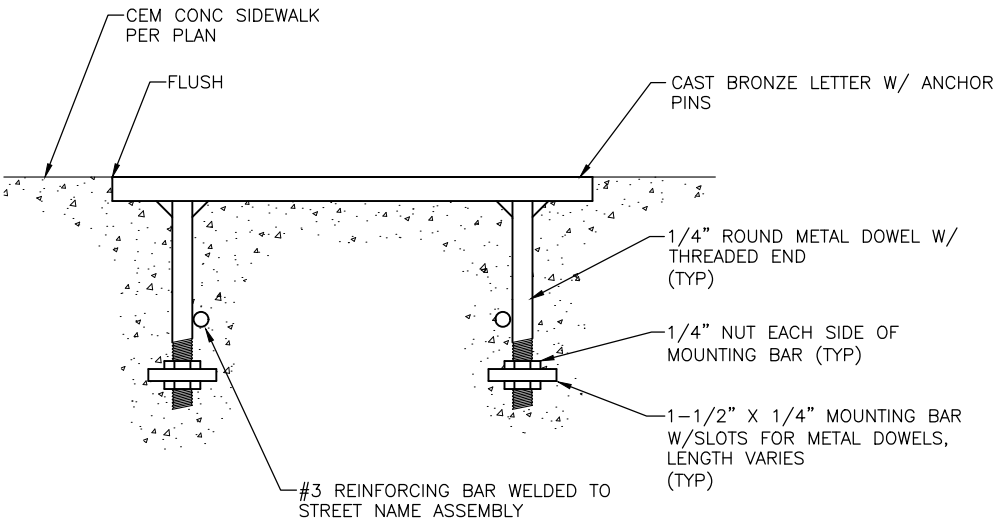
JOB NO.	PC	TS6753C
	R/W	
	CO	TS6753A
VAULT PLAN NO. 790-432		
SHEET 7 OF 33		

Vault Serial No.	Date	Mark	Nature	Made	Chk'd	Rev'd
36760						



PP2
PAVING PROFILES

JOB NO.	PC	TS6753C
	R/W	
	CO	TS6753A
VAULT PLAN NO. 790-432		
SHEET 8 OF 33		

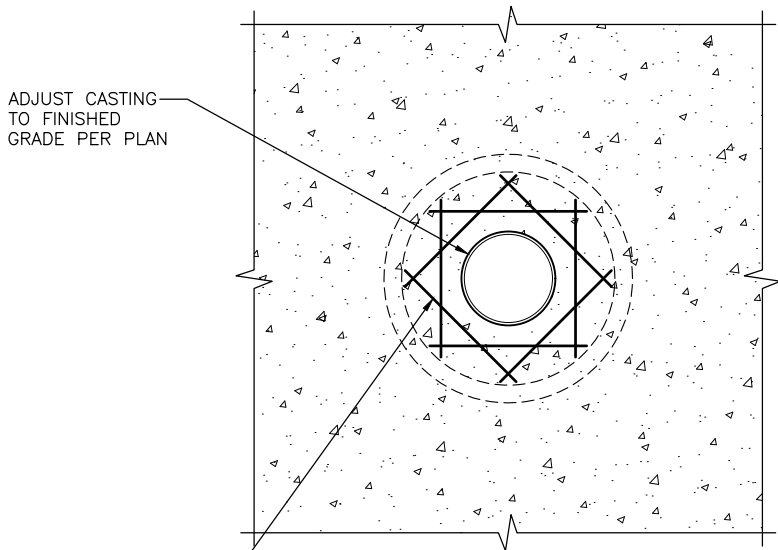


ANCHOR DETAIL FOR
BRONZE INLAY STREET NAME

NTS

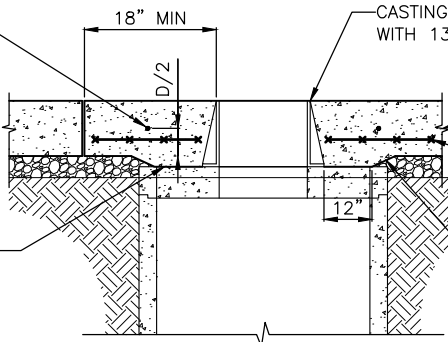
2

PV1



#4 EPOXY COATED BARS ENCIRCLE STRUCTURE WITH BARS OVERLAPPED A MINIMUM OF 3" AND INSTALL WITH A MINIMUM OF 3" SEPARATION FROM PANEL EDGE PER STD PLAN #406 (TYP)

APPLY BOND BREAKER TO EX STRUCTURE



PAVING PER PLAN

GALVANIZED WELDED WIRE MESH (4"x4"). MAINTAIN 3" CLR BETWEEN WIRE MESH, MANHOLE RISER, JOINTS AND REINFORCEMENT BARS

EX STRUCTURE PAVEMENT RESTORATION

NTS

TYPICAL PREFERRED OPTION

3

#4 EPOXY COATED BARS ENCIRCLE STRUCTURE WITH BARS OVERLAPPED A MINIMUM OF 3" AND INSTALL WITH A MINIMUM OF 3" SEPARATION FROM PANEL EDGE PER STD PLAN #406 (TYP)



10" CASTING PER STD PLAN 230 OR 9.25" DEPTH CASTING PER STD PLAN 361

PAVING PER PLAN

GALVANIZED WELDED WIRE MESH (4"x4"). MAINTAIN 3" CLR BETWEEN WIRE MESH, MANHOLE RISER, JOINTS AND REINFORCEMENT BARS

EX STRUCTURE PAVEMENT RESTORATION

NTS

ALTERNATE OPTION WITH WRITTEN
APPROVAL OF THE ENGINEER

4

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE

DESIGNED MM
CHECKED AG

DRAWN MM
CHECKED AG

INITIALS AND DATE

REVIEWED:
DES. SDOT CONST. PROJ. MGR.

RECEIVED
REVISED AS BUILT

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.



ORDINANCE NO. Ordinance PW NO.
FUND: Fund Number
SCALE: AS SHOWN

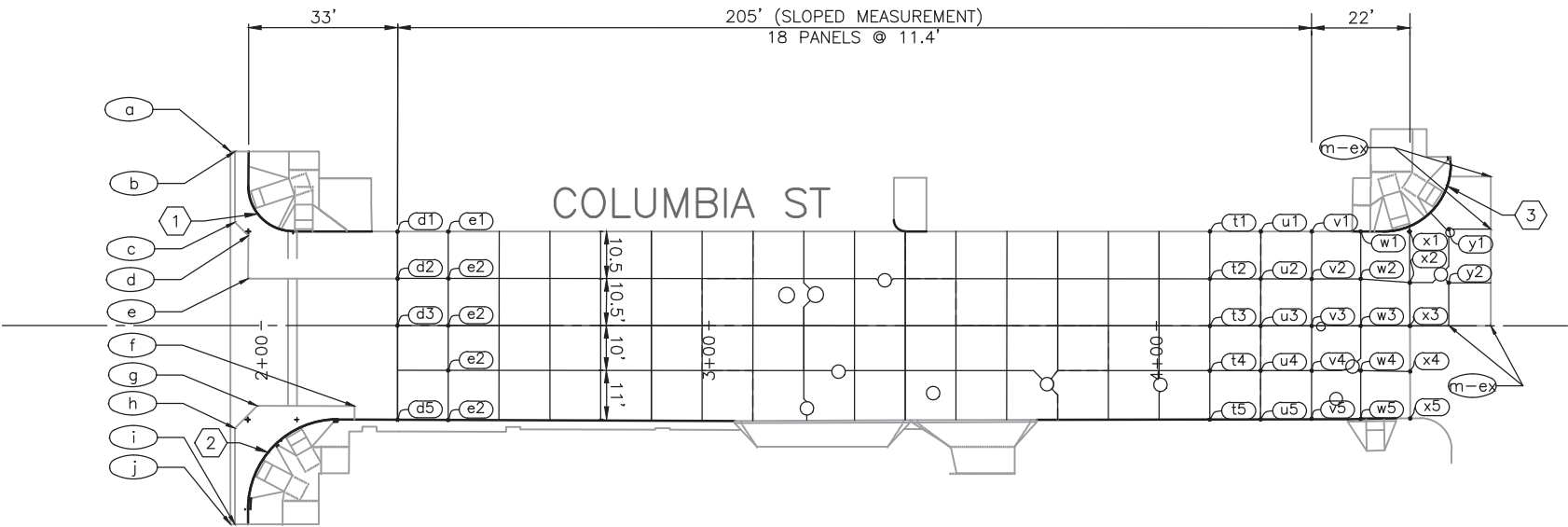
COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

DT1
DETAILS

PC TS6753C
R/W
CO TS6753A
VAULT PLAN NO.
790-432
SHEET 9 OF 33

1ST AVE

2ND AVE



MATCH LINE SEE BELOW LEFT

CURB RETURN SCHEDULE

⑨	PC - STA, OFFSET	PT - STA, OFFSET	RADIUS (FT)	LENGTH (FT)	ELEVATIONS AT GUTTER				
					DELTA	PC	1/4	1/2	3/4
1	STA 1+97.08, 30.95'LT	STA 2+07.08, 21.01'LT	10	15.71	90.0000	30.40	30.50	30.61	30.79
2	STA 1+97.02, 41.07'RT	STA 2+17.02, 20.99'RT	20	31.49	90.2102	30.43	30.47	30.70	30.98
3	STA 4+50.71, 21.08'LT	STA 4+65.71, 36.02'LT	15	23.50	89.7519	61.70	62.08	62.36	62.57
4	STA 7+43.45, 21.00'LT	STA 7+53.23, 18.45'LT	20	10.22	29.2693	89.12	X	89.67	X
5	STA 7+53.23, 18.45'LT	STA 7+58.12, 17.17'LT	10	5.11	29.2693	90.22	X	90.50	X
6	STA 7+72.71, 17.17'LT	STA 7+91.71, 36.17'LT	19	29.85	90.0000	M-Ex	M-Ex	M-Ex	M-Ex
7	STA 7+81.83, 20.82'RT	STA 7+91.83, 30.82'RT	10	15.71	90.0000	91.28	91.33	91.30	91.21

POINTS 1st-2nd

a	STA 1+93.09, 38.86'LT
b	STA 1+94.09, 38.86'LT
c	STA 1+94.09, 23.04'LT
d	STA 1+97.08, 20.03'LT
e	STA 1+97.05, 10.47'LT
f	STA 2+20.87, 18.00'RT
g	STA 1+99.09, 17.94'RT
h	STA 1+94.09, 22.94'RT
i	STA 1+94.09, 44.36'RT
j	STA 1+93.09, 44.36'RT

GRADING TABLE @2nd

⑩	STA/OFF	ELEV
A1	STA 5+19.79, 21.18'LT	m-ex
A2	STA 5+19.77, 10.51'LT	m-ex
A3	STA 5+19.76, 0.00'RT	m-ex
A4	STA 5+19.76, 10.00'RT	m-ex
A5	STA 5+19.72, 20.90'RT	m-ex
B1	STA 5+31.79, 21.10'LT	63.46
B2	STA 5+31.77, 10.50'LT	63.56
B3	STA 5+31.76, 0.00'RT	63.59
B4	STA 5+31.74, 10.00'RT	63.25
B5	STA 5+31.72, 20.89'RT	62.86
C1	STA 5+43.79, 21.02'LT	64.25
C2	STA 5+43.77, 10.50'LT	64.40
C3	STA 5+43.76, 0.00'RT	64.38
C4	STA 5+43.74, 10.00'RT	64.02
C5	STA 5+43.72, 20.89'RT	63.60
D1	STA 5+54.79, 21.02'LT	65.24
D2	STA 5+54.79, 10.50'LT	65.43
D3	STA 5+54.79, 0.01'LT	65.37
D4	STA 5+54.79, 10.00'RT	64.97
D5	STA 5+54.79, 20.88'RT	64.54
E1	STA 5+65.79, 21.00'LT	66.63
E2	STA 5+65.79, 10.50'LT	66.81
E3	STA 5+65.79, 0.01'LT	66.72
E4	STA 5+65.79, 10.00'RT	66.32
E5	STA 5+65.79, 20.88'RT	65.89

POINTS 2nd-3rd

A	STA 5+19.79, 21.50'LT
B	STA 5+19.72, 21.22'RT

GENERAL NOTES

- FOR JOINT TYPE, TIE BAR AND DOWEL BAR INSTALLATION, SEE STD PLAN 405A -405D. SEE SECTIONS 5-05.3(8) AND 5-05.3(10).
- INSTALL REINFORCEMENT AROUND CASTINGS PER STD PLAN 406. SEE SECTION 5-05.3(9).
- FOR CENTERLINE AND FLOWLINE PROFILES SEE DWG PP1-PP3.
- JOINT LINES WITHIN 18" OF A CASTING SHOULD BE SKEWED AT 90 DEGREES TO MEET THE CASTING.
- JOINT LINES THAT ABUT EXISTING PANELS SHOULD BE SKEWED TO MEET THE EXISTING JOINT LINES.
- ALL SKEWED JOINT LINE LOCATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO PLACING THE CONCRETE.
- PANEL WIDTH DIMENSIONS FOR OUTER PANELS ARE TO FACE OF CURB.

GRADING TABLE @1st

⑩	STA/OFF	ELEV
d1	STA 2+30.44, 20.98'LT	32.79
d2	STA 2+30.44, 10.50'LT	32.90
d3	STA 2+30.44, 0.03'LT	32.99
d4	STA 2+30.44, 10.00'RT	32.74
d5	STA 2+30.44, 21.02'RT	32.48
e1	STA 2+41.78, 20.98'LT	34.29
e2	STA 2+41.78, 10.50'LT	34.39
e3	STA 2+41.78, 0.00'T	34.48
e4	STA 2+41.78, 10.00'RT	34.23
e5	STA 2+41.78, 21.05'RT	33.96

GRADING TABLE @2nd

⑩	STA/OFF	ELEV
t1	STA 4+11.96, 21.07'LT	56.86
t2	STA 4+11.96, 10.50'LT	57.11
t3	STA 4+11.96, 0.00'RT	57.19
t4	STA 4+11.96, 10.00'RT	56.94
t5	STA 4+11.96, 20.92'RT	56.67
u1	STA 4+23.30, 21.07'LT	58.42
u2	STA 4+23.30, 10.50'LT	58.65
u3	STA 4+23.30, 0.00'RT	58.70
u4	STA 4+23.30, 10.00'RT	58.45
u5	STA 4+23.30, 20.90'RT	58.18
v1	STA 4+34.70, 21.07'LT	59.91
v2	STA 4+34.70, 10.51'LT	60.09
v3	STA 4+34.70, 0.00'RT	60.12
v4	STA 4+34.70, 10.00'RT	59.91
v5	STA 4+34.70, 20.88'RT	59.64
w1	STA 4+45.65, 21.08'LT	61.15
w2	STA 4+45.65, 10.51'LT	61.20
w3	STA 4+45.65, 0.00'T	61.19
w4	STA 4+45.65, 10.00'RT	61.06
w5	STA 4+45.65, 20.81'RT	60.86
x1	STA 4+56.57, 21.09'LT	62.03
x2	STA 4+56.61, 10.16'LT	62.03
x3	STA 4+56.65, 0.00'RT	m-ex
x4	STA 4+56.69, 10.16'RT	m-ex
x5	STA 4+56.74, 20.65'RT	m-ex
y1	STA 4+65.32, 21.59'LT	62.41
y2	STA 4+65.32, 9.65'LT	62.39

GRADING TABLE @3rd

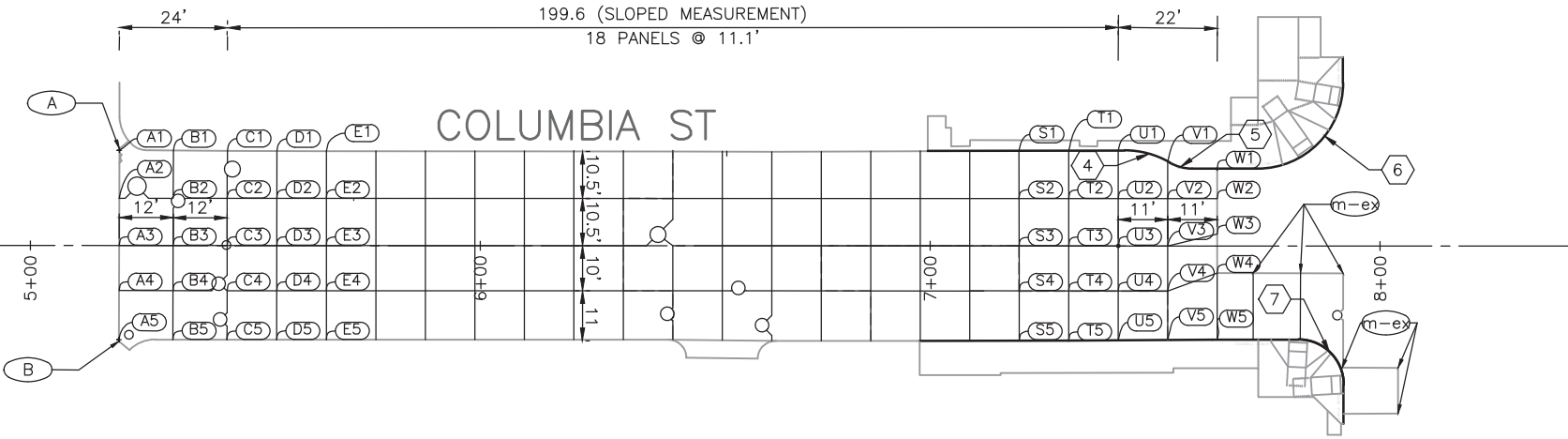
⑩	STA/OFF	ELEV
S1	STA 7+19.73, 21.14'LT	86.11
S2	STA 7+19.75, 10.50'LT	86.01
S3	STA 7+19.77, 0.02'LT	85.64
S4	STA 7+19.79, 10.00'RT	85.24
S5	STA 7+19.79, 21.06'RT	84.79
T1	STA 7+30.79, 21.16'LT	87.51
T2	STA 7+30.79, 10.50'LT	87.36
T3	STA 7+30.79, 0.06'LT	87.00
T4	STA 7+30.79, 10.00'RT	86.58
T5	STA 7+30.79, 21.05'RT	86.15
U1	STA 7+41.79, 21.19'LT	88.90
U2	STA 7+41.79, 10.50'LT	88.71
U3	STA 7+41.79, 0.11'LT	88.35
U4	STA 7+41.79, 10.00'RT	87.94
U5	STA 7+41.79, 20.97'RT	87.50
V1	STA 7+52.80, 18.71'LT	90.10
V2	STA 7+52.80, 10.50'LT	90.04
V3	STA 7+52.79, 0.02'LT	89.64
V4	STA 7+52.79, 10.00'RT	89.25
V5	STA 7+52.78, 20.85'RT	88.85
W1	STA 7+63.76, 17.17'LT	m-ex
W2	STA 7+63.78, 10.50'LT	m-ex
W3	STA 7+63.78, 2.67'LT	m-ex
W4	STA 7+63.78, 5.99'RT	89.11
W5	STA 7+63.78, 20.88'RT	89.59

ADDENDUM#1

JT1

JOINT PLAN

REVISIONS	DATE	MARK	NATURE	MADE BY	CHK'D	REV'D
36760						



PW# 2016-113

0 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT PLOTTED TO ORIGINAL SCALE.

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE
DESIGNED MM
CHECKED AG
DRAWN MM
CHECKED AG
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.



Seattle
Department of
Transportation
ORDINANCE NO.
FUND:
SCALE: H. 1"=20'

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

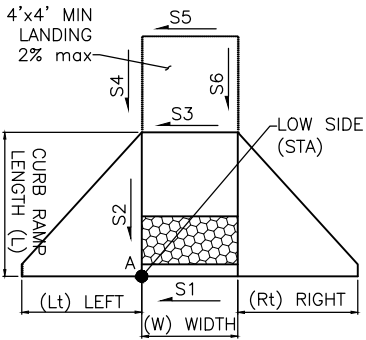
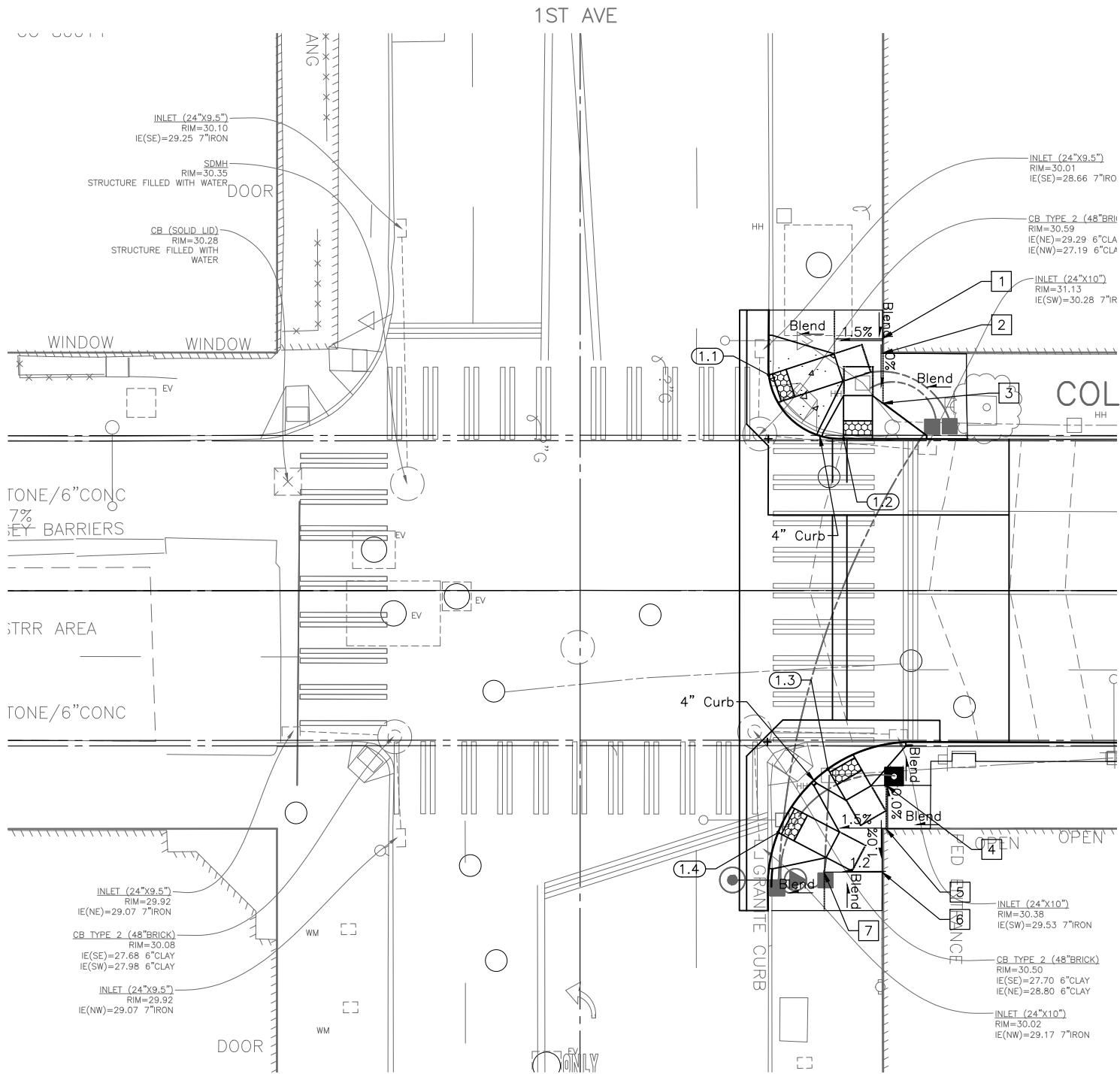
PC TS6753C
R/W
CO TS6753A
VAULT PLAN NO.
790-432
SHEET 10 OF 33

CURB RAMP TABLE

(RAMP)	STATION/OFFSET	LENGTH (MIN)	Lt (MIN)	WIDTH (MIN)	Rt (MIN)	A ELEV	S1 %	S2 %	S3 %	S4 %	S5 %	S6 %
1.1	STA 1+97.15, 29.87'LT	9.5'	5.5'	4.0'	7.0'	30.44	*2.3%	8.3%	0.2%	1.5%	0.2%	1.5%
1.2	STA 2+07.50, 21.00'LT	6.0'	3.0'	4.0'	7.5'	31.00	*6.5%	4.0%	1.5%	1.0%	1.5%	0.0%
1.3	STA 2+05.36, 24.74'RT	5.0'	2.5'	4.0'	2.5'	30.76	*5.0%	5.4%	2.0%	1.3%	1.1%	0.5%
1.4	STA 1+98.46, 33.55'RT	7.5'	4.3'	4.0'	5.2'	30.46	1.8%	7.2%	1.5%	1.0%	1.3%	0.8%

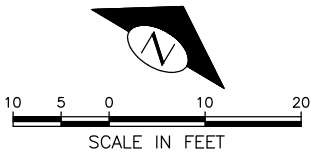
REVISIONS	DATE	MARK	NATURE	MADE BY	REV'D
36760					

P:\STDArks\TS6753A COLUMBIA 2 WAY CONVERSION PROJECT\A_PLOT FILES\TS6753A-P08-CURB.dwg Aug-22-17 3:17pm



ELEV TABLE

#	EX ELEV	PROP ELEV
1	31.34	31.28
2	31.22	31.26
3	32.25	31.26
4	31.39	31.13
5	31.07	31.13
6	31.06	31.07
7	30.91	30.96
8	62.70	62.54
9	62.57	62.52
10	93.57	93.21
11	93.68	93.30
12	93.47	93.25
13	93.06	93.16



CR1
1ST AVE & COLUMBIA ST
CURB RAMP PLANS

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE
DESIGNED MM
CHECKED AG
DRAWN MM
CHECKED AG
REVIEWED:
DES. CONST.
SDOT PROJ. MGR.
RECEIVED
REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.



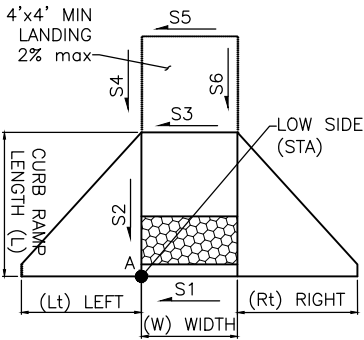
Seattle
Department of
Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: H. 1"=10'

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

PC TS6753C
R/W TS6753A
CO
VAULT PLAN NO.
790-432
SHEET 11 OF 33

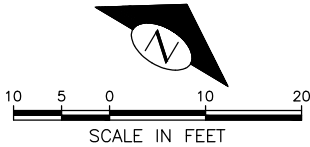
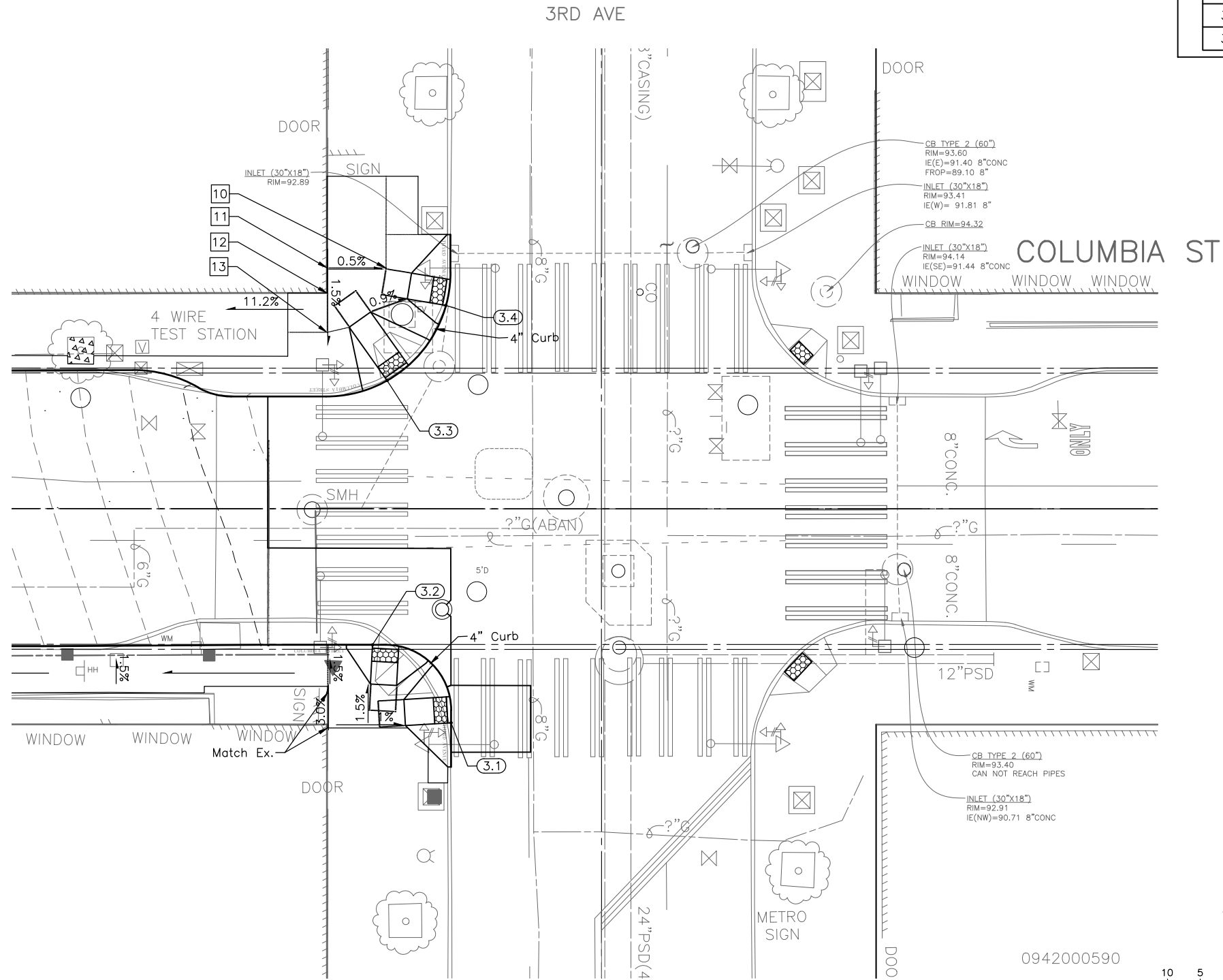
CURB RAMP TABLE

(RAMP)	STATION/OFFSET	LENGTH (MIN)	Lt (MIN)	WIDTH (MIN)	Rt (MIN)	A ELEV	S1 %	S2 %	S3 %	S4 %	S5 %	S6 %
3.1	STA 7+91.83, 32.73'RT	7.0'	6.7'	4.0'	5.4'	91.00	*3.5%	7.2%	-0.5%	1.0%	-1.3%	0.3%
3.2	STA 7+79.82, 20.82'RT	6.0'	5.0'	4.0'	4.0'	91.23	2.0%	3.3%	0.5%	1.3%	-0.5%	0.7%
3.3	STA 7+82.03, 19.61'LT	10.0'	4.0'	4.0'	4.0'	92.42	*2.5%	7.5%	-0.5%	1.5%	0.0%	1.3%
3.4	STA 7+91.02, 31.11'LT	6.0'	3.1'	4.0'	6.9'	92.79	1.8%	5.0%	1.3%	-1.3%	1.5%	-1.5%



ELEV TABLE

#	EX ELEV	PROP ELEV
1	31.34	31.28
2	31.22	31.26
3	32.25	31.26
4	31.39	31.13
5	31.07	31.13
6	31.06	31.07
7	30.91	30.96
8	62.70	62.54
9	62.57	62.52
10	93.57	93.21
11	93.68	93.30
12	93.47	93.25
13	93.06	93.16



CR3
3RD AVE & COLUMBIA ST
CURB RAMP PLANS

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE
DESIGNED MM
CHECKED AG
DRAWN MM
CHECKED AG
INITIALS AND DATE
REVIEWED: DES. CONST.
SDOT PROJ. MGR.
RECEIVED
REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.



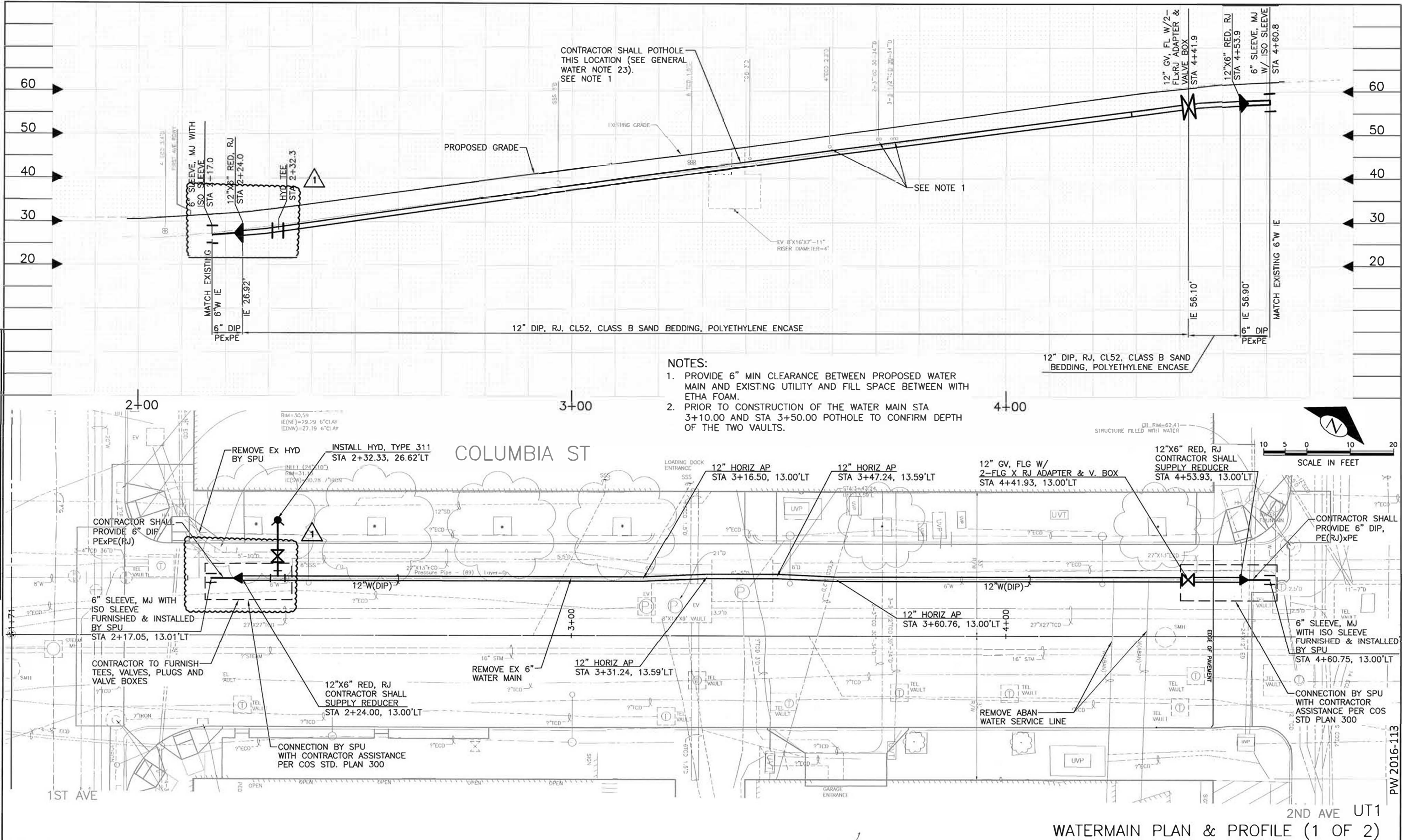
Seattle
Department of
Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: H. 1"=10'

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

PC TS6753C
R/W
CO TS6753A
VAULT PLAN NO.
790-432
SHEET 13 OF 33

DESIGN CHANGE 01	DATE	MARK	REVISIONS
1	8/28/17	1	DESIGN CHANGE 01
2	8/28/17	2	DESIGN CHANGE 02
3	8/28/17	3	DESIGN CHANGE 03
4	8/28/17	4	DESIGN CHANGE 04
5	8/28/17	5	DESIGN CHANGE 05
6	8/28/17	6	DESIGN CHANGE 06
7	8/28/17	7	DESIGN CHANGE 07
8	8/28/17	8	DESIGN CHANGE 08
9	8/28/17	9	DESIGN CHANGE 09
10	8/28/17	10	DESIGN CHANGE 10
11	8/28/17	11	DESIGN CHANGE 11
12	8/28/17	12	DESIGN CHANGE 12
13	8/28/17	13	DESIGN CHANGE 13
14	8/28/17	14	DESIGN CHANGE 14
15	8/28/17	15	DESIGN CHANGE 15
16	8/28/17	16	DESIGN CHANGE 16
17	8/28/17	17	DESIGN CHANGE 17
18	8/28/17	18	DESIGN CHANGE 18
19	8/28/17	19	DESIGN CHANGE 19
20	8/28/17	20	DESIGN CHANGE 20
21	8/28/17	21	DESIGN CHANGE 21
22	8/28/17	22	DESIGN CHANGE 22
23	8/28/17	23	DESIGN CHANGE 23
24	8/28/17	24	DESIGN CHANGE 24
25	8/28/17	25	DESIGN CHANGE 25
26	8/28/17	26	DESIGN CHANGE 26
27	8/28/17	27	DESIGN CHANGE 27
28	8/28/17	28	DESIGN CHANGE 28
29	8/28/17	29	DESIGN CHANGE 29
30	8/28/17	30	DESIGN CHANGE 30
31	8/28/17	31	DESIGN CHANGE 31
32	8/28/17	32	DESIGN CHANGE 32
33	8/28/17	33	DESIGN CHANGE 33
34	8/28/17	34	DESIGN CHANGE 34
35	8/28/17	35	DESIGN CHANGE 35
36	8/28/17	36	DESIGN CHANGE 36
37	8/28/17	37	DESIGN CHANGE 37
38	8/28/17	38	DESIGN CHANGE 38
39	8/28/17	39	DESIGN CHANGE 39
40	8/28/17	40	DESIGN CHANGE 40
41	8/28/17	41	DESIGN CHANGE 41
42	8/28/17	42	DESIGN CHANGE 42
43	8/28/17	43	DESIGN CHANGE 43
44	8/28/17	44	DESIGN CHANGE 44
45	8/28/17	45	DESIGN CHANGE 45
46	8/28/17	46	DESIGN CHANGE 46
47	8/28/17	47	DESIGN CHANGE 47
48	8/28/17	48	DESIGN CHANGE 48
49	8/28/17	49	DESIGN CHANGE 49
50	8/28/17	50	DESIGN CHANGE 50
51	8/28/17	51	DESIGN CHANGE 51
52	8/28/17	52	DESIGN CHANGE 52
53	8/28/17	53	DESIGN CHANGE 53
54	8/28/17	54	DESIGN CHANGE 54
55	8/28/17	55	DESIGN CHANGE 55
56	8/28/17	56	DESIGN CHANGE 56
57	8/28/17	57	DESIGN CHANGE 57
58	8/28/17	58	DESIGN CHANGE 58
59	8/28/17	59	DESIGN CHANGE 59
60	8/28/17	60	DESIGN CHANGE 60
61	8/28/17	61	DESIGN CHANGE 61
62	8/28/17	62	DESIGN CHANGE 62
63	8/28/17	63	DESIGN CHANGE 63
64	8/28/17	64	DESIGN CHANGE 64
65	8/28/17	65	DESIGN CHANGE 65
66	8/28/17	66	DESIGN CHANGE 66
67	8/28/17	67	DESIGN CHANGE 67
68	8/28/17	68	DESIGN CHANGE 68
69	8/28/17	69	DESIGN CHANGE 69
70	8/28/17	70	DESIGN CHANGE 70
71	8/28/17	71	DESIGN CHANGE 71
72	8/28/17	72	DESIGN CHANGE 72
73	8/28/17	73	DESIGN CHANGE 73
74	8/28/17	74	DESIGN CHANGE 74
75	8/28/17	75	DESIGN CHANGE 75
76	8/28/17	76	DESIGN CHANGE 76
77	8/28/17	77	DESIGN CHANGE 77
78	8/28/17	78	DESIGN CHANGE 78
79	8/28/17	79	DESIGN CHANGE 79
80	8/28/17	80	DESIGN CHANGE 80
81	8/28/17	81	DESIGN CHANGE 81
82	8/28/17	82	DESIGN CHANGE 82
83	8/28/17	83	DESIGN CHANGE 83
84	8/28/17	84	DESIGN CHANGE 84
85	8/28/17	85	DESIGN CHANGE 85
86	8/28/17	86	DESIGN CHANGE 86
87	8/28/17	87	DESIGN CHANGE 87
88	8/28/17	88	DESIGN CHANGE 88
89	8/28/17	89	DESIGN CHANGE 89
90	8/28/17	90	DESIGN CHANGE 90
91	8/28/17	91	DESIGN CHANGE 91
92	8/28/17	92	DESIGN CHANGE 92
93	8/28/17	93	DESIGN CHANGE 93
94	8/28/17	94	DESIGN CHANGE 94
95	8/28/17	95	DESIGN CHANGE 95
96	8/28/17	96	DESIGN CHANGE 96
97	8/28/17	97	DESIGN CHANGE 97
98	8/28/17	98	DESIGN CHANGE 98
99	8/28/17	99	DESIGN CHANGE 99
100	8/28/17	100	DESIGN CHANGE 100

P:\Project\361-032\05-Design\Drawings\B-Sheets\1 C115146-P-WATER.dwg
 shobha Sep-08-17 2:20pm



ADDENDUM #2

APPROVED FOR ADVERTISING
 NANCY LOCKE
 DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
 SEATTLE, WASHINGTON 20

INITIALS AND DATE
 DESIGNED KY
 CHECKED DD
 DRAWN SHS
 CHECKED TMR
 REVISED AS BUILT



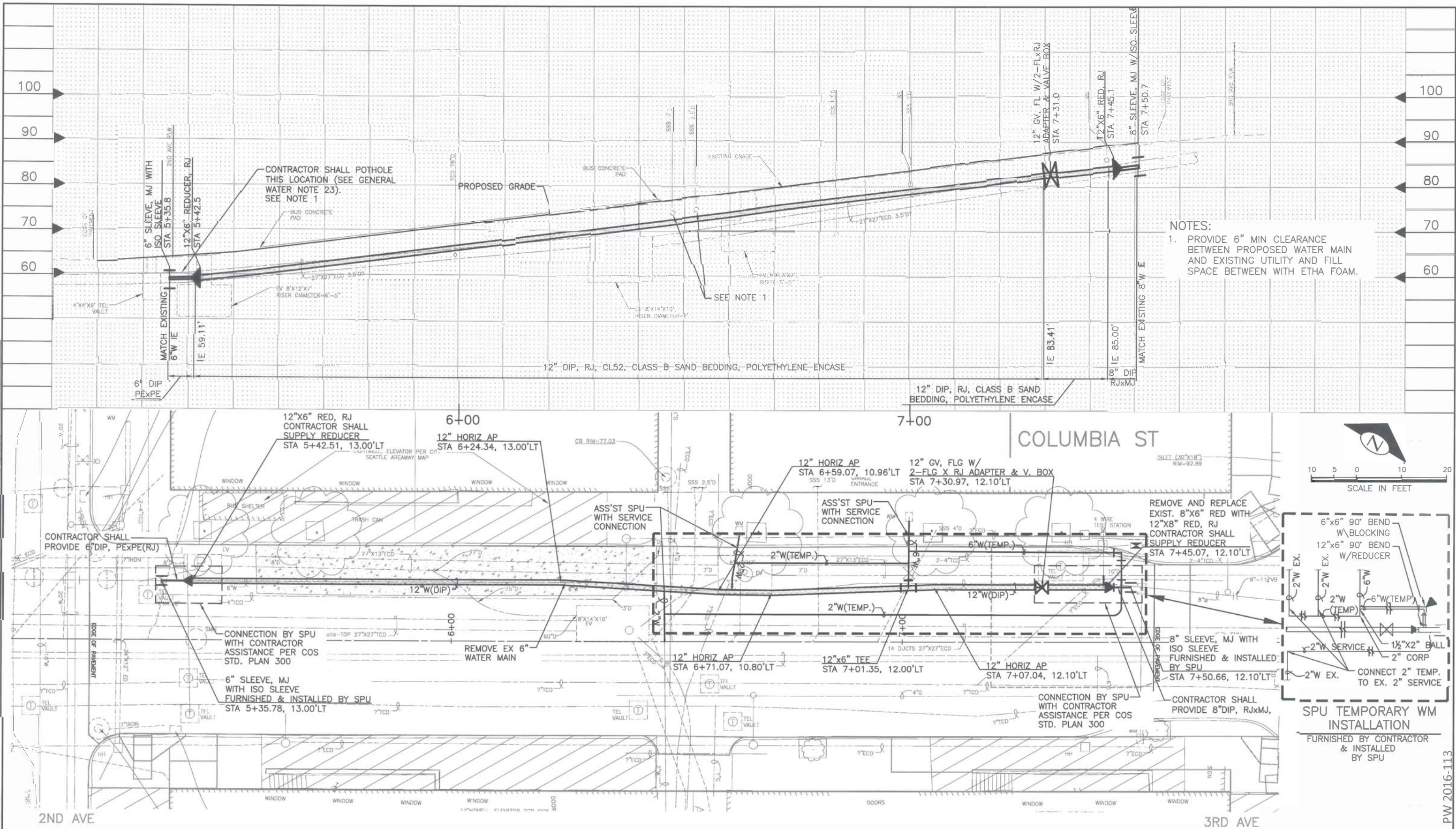
City of Seattle
 Seattle Public Utilities
 Mami Hara, Director
 ORDINANCE NO. PW NO.
 FUND:
 SCALE: H. 1"=10', V. 1"=10'

COLUMBIA ST TWO-WAY TRANSIT CORRIDOR

PC C115146
 R/W C115146
 CO
 VAULT PLAN NO. 790-432
 SHEET 14 OF 33

DATE	REVISIONS	WADE CHD	REV D
3/16/10	1		
3/16/10	2		
3/16/10	3		
3/16/10	4		
3/16/10	5		
3/16/10	6		
3/16/10	7		
3/16/10	8		
3/16/10	9		
3/16/10	10		
3/16/10	11		
3/16/10	12		
3/16/10	13		
3/16/10	14		
3/16/10	15		
3/16/10	16		
3/16/10	17		
3/16/10	18		
3/16/10	19		
3/16/10	20		
3/16/10	21		
3/16/10	22		
3/16/10	23		
3/16/10	24		
3/16/10	25		
3/16/10	26		
3/16/10	27		
3/16/10	28		
3/16/10	29		
3/16/10	30		
3/16/10	31		
3/16/10	32		
3/16/10	33		
3/16/10	34		
3/16/10	35		
3/16/10	36		
3/16/10	37		
3/16/10	38		
3/16/10	39		
3/16/10	40		
3/16/10	41		
3/16/10	42		
3/16/10	43		
3/16/10	44		
3/16/10	45		
3/16/10	46		
3/16/10	47		
3/16/10	48		
3/16/10	49		
3/16/10	50		
3/16/10	51		
3/16/10	52		
3/16/10	53		
3/16/10	54		
3/16/10	55		
3/16/10	56		
3/16/10	57		
3/16/10	58		
3/16/10	59		
3/16/10	60		
3/16/10	61		
3/16/10	62		
3/16/10	63		
3/16/10	64		
3/16/10	65		
3/16/10	66		
3/16/10	67		
3/16/10	68		
3/16/10	69		
3/16/10	70		
3/16/10	71		
3/16/10	72		
3/16/10	73		
3/16/10	74		
3/16/10	75		
3/16/10	76		
3/16/10	77		
3/16/10	78		
3/16/10	79		
3/16/10	80		
3/16/10	81		
3/16/10	82		
3/16/10	83		
3/16/10	84		
3/16/10	85		
3/16/10	86		
3/16/10	87		
3/16/10	88		
3/16/10	89		
3/16/10	90		
3/16/10	91		
3/16/10	92		
3/16/10	93		
3/16/10	94		
3/16/10	95		
3/16/10	96		
3/16/10	97		
3/16/10	98		
3/16/10	99		
3/16/10	100		

P:\Project\261-1032\05-DesignDrawings\B-Sheets\2 0115146_P-WATR-2.dwg
shahada Aug-22-17 10:47am



UT2
WATERMAIN PLAN & PROFILE (2 OF 2)

APPROVED FOR ADVERTISING NANCY LOCKE DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON		INITIALS AND DATE DESIGNED KY CHECKED DD		INITIALS AND DATE REVIEWED: DES. SDOT CONST. PROJ. MGR.	
BY: CITY PURCHASING & CONTRACTING SERVICES DIRECTOR		DRAWN SHS CHECKED TMR		RECEIVED REVISED AS BUILT	
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL					
City of Seattle Seattle Public Utilities Mami Hara, Director		ORDINANCE NO.		PW NO.	
FUND:		SCALE: H. 1"=10', V. 1"=10'		COLUMBIA ST TWO-WAY TRANSIT CORRIDOR	
JOB NO.		PC R/W CO		C115146 C115146	
VAULT PLAN NO.		790-432		SHEET 15 OF 33	

UNLESS OTHERWISE NOTED:

16. ALL WATER MAINS SHALL BE PRESSURE TESTED (300 PSI) AND DISINFECTED IN ACCORDANCE WITH SECTION 7-11.3(11)A1 OF THE CITY OF SEATTLE STANDARD SPECIFICATIONS. ALL PRESSURE TESTING SHALL BE DONE IN THE PRESENCE OF THE CONSTRUCTION INSPECTOR. THE CONTRACTOR SHALL PROVIDE PLUGS AND TEMPORARY BLOWOFF ASSEMBLIES FOR PRESSURE TESTING AND DISINFECTION. SEE CITY OF SEATTLE STANDARD PLAN #300 FOR FLUSHING CONNECTION DETAILS.
17. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE PERMITS ISSUED FOR THIS PROJECT.
18. CONCRETE THRUST BLOCKING FOR VERTICAL BEND FITTINGS SHALL BE PER CITY OF SEATTLE STANDARD PLAN #330A & 330B.
19. CONCRETE THRUST BLOCKING FOR HORIZONTAL FITTINGS SHALL BE PER CITY OF SEATTLE STANDARD PLAN #331A & 331B.
20. CURVES, HORIZONTAL ANGLE POINTS & VERTICAL GRADE POINTS SHALL BE CONSTRUCTED BY DEFLECTING ONE-HALF OF THE MANUFACTURER'S ALLOWABLE JOINT DEFLECTION FOR PIPE AND FITTINGS, UNLESS OTHERWISE NOTED.
21. VERTICAL DATUM SHALL BE NAVD 1988. THE REFERENCES TO BOTH HORIZONTAL AND VERTICAL CONTROL SHALL BE AS SHOWN IN THE PROJECT DRAWINGS.
22. ALL 3" AND LARGER SERVICE INSTALLATIONS, AND ALL HYDRANT INSTALLATIONS SHALL USE WEDGE RESTRAINT GLANDS (FOLLOWERS) ON ALL MECHANICAL JOINTS FOR DIP AND FITTINGS.
23. RECORD DRAWING INFORMATION FOR DEPTH OF EXISTING UTILITIES ON THIS PROJECT IS LIMITED. IN MOST CASES, DEPTH INFORMATION FOR CROSSING SSS, WATER AND GAS SERVICE WAS UNAVAILABLE AND THESE UTILITIES ARE TYPICALLY SHOWN AT STANDARD OR APPROXIMATED DEPTH IN THE PROFILES.
24. POTHOLE LOCATIONS AND DEPTH INFORMATION OBTAINED FOR THE WATER MAIN DESIGN ARE SHOWN IN THE DRAWINGS.
25. THE CONTRACTOR SHALL POTHOLE OR MAINTAIN AN OPEN EXCAVATION OF 60 FEET MINIMUM AHEAD OF THE WATER MAIN INSTALLATION TO UNCOVER AND OBTAIN LOCATION AND DEPTH INFORMATION FOR EXISTING CROSSING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF A CONFLICT IS IDENTIFIED TO ALLOW FOR ADJUSTMENTS THAT MAY BE NECESSARY. WHERE THE PROPOSED WATER MAIN DESIGNED ELEVATION OR ADJUSTED ELEVATION CROSSES THROUGH THE LOCATION OF EXISTING WATER SERVICES, THE CONTRACTOR SHALL COORDINATE WORK WITH SPU WHO WILL PROVIDE AN OFFSET IN THE SERVICE LINE AHEAD OF THE WATER MAIN WORK.
26. THE CONTRACTOR SHALL COORDINATE VERTICAL ADJUSTMENT OF GAS SERVICE LINES WITH THE GAS COMPANY INSPECTOR.
27. WHERE THE DRAWINGS DIRECT THE CONTRACTOR TO PERFORM POTHOLING, COMPLY WITH THE REQUIREMENTS OF SPECIAL PROVISIONS 1-08.3(2) SCHEDULE CONSTRAINTS AND 7-11.3(18) POTHOLING AND FIELD INVESTIGATION FOR POTHOLE REQUIREMENTS.
28. SHEAR PADS SHALL BE PLACED AROUND ALL HYDRANTS PER COS STD. PLAN #311.

UNLESS OTHERWISE NOTED:


- PW 2016-113

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

JOB NO.	PC	C115146
	R/W	
	CO	C115146
VAULT PLAN NO. 790-432		
SHEET 16 OF 33		

APPROVED FOR ADVERTISING NANCY LOCKE DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON		INITIALS AND DATE DESIGNED KY CHECKED DD		INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.	
_____ 20 _____		DRAWN SHS CHECKED TMR		RECEIVED REVISED AS BUILT	
BY: _____ CITY PURCHASING & CONTRACTING SERVICES DIRECTOR		ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



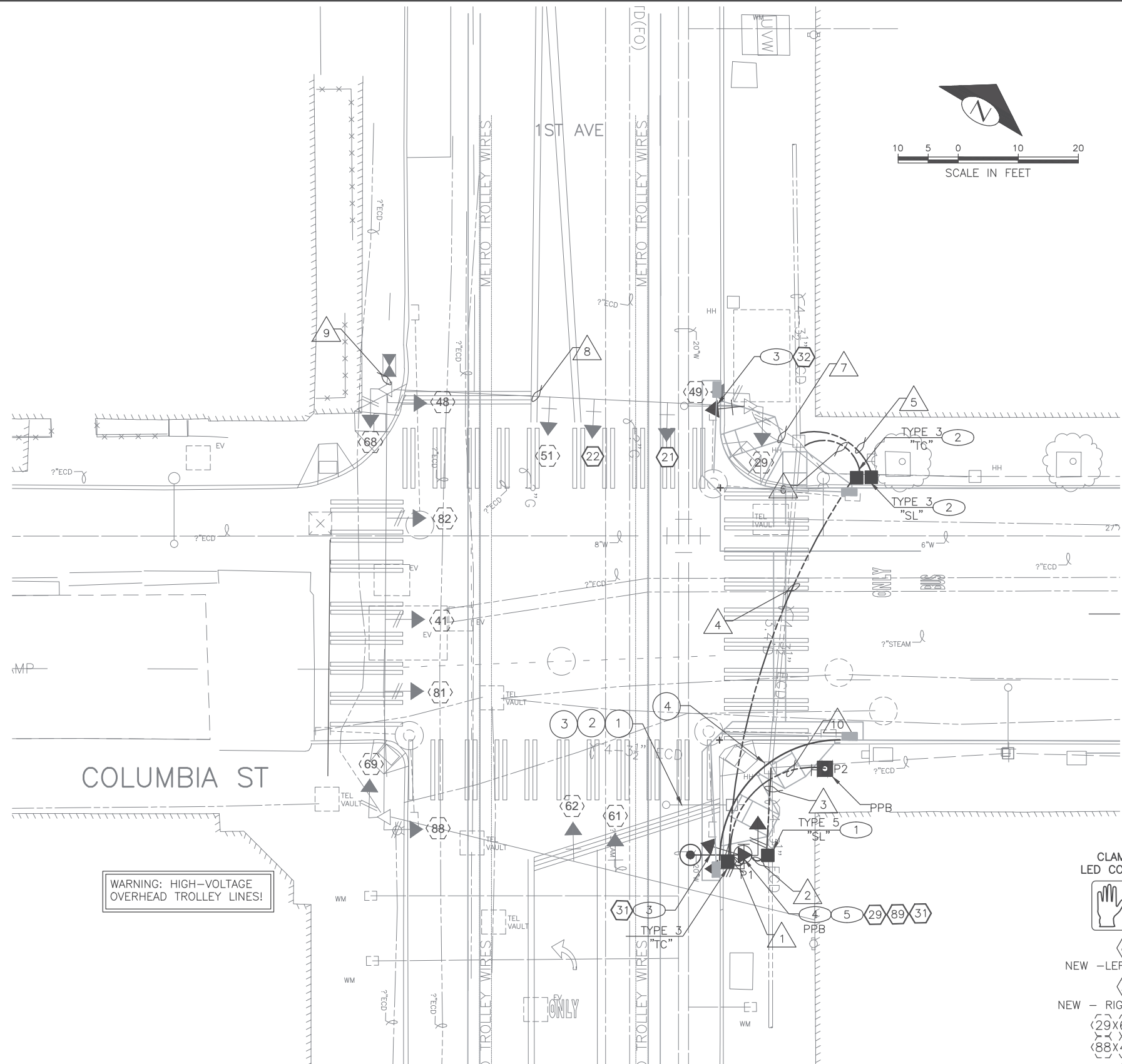
 **City of Seattle**
Seattle Public Utilities
 Marni Hara, Director

CONSTRUCTION NOTES

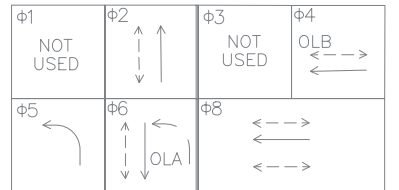
- 1 INSTALL HANDHOLE. TYPE SHOWN ON DRAWING. INTERCEPT EX CONDUIT
- 2 INSTALL HANDHOLE AND ROUTE CONDUIT FROM EXISTING HANDHOLE. TYPE SHOWN ON DRAWINGS. PULL AND REPELL EX CONDUCTORS
- 3 SIGNAL HEADS INSTALLED BY OTHERS
- 4 INSTALL POLE, FOUNDATION, PEDESTRIAN SIGNAL HEADS, BRACKET ARM AND LUMINAIRE TERMINAL CABINET AND SEATTLE BASE. REFER TO POLE SCHEDULE. FOR ALL STREETLIGHTING WORK, REFER TO SCL STANDARDS
- 5 INSTALL OWNER—FURNISHED ANTENNA ON NEW POLE. MOUNT ANTENNA AT 19 FT
- 6 REPLACE EX HANDHOLE LID WITH NEW LID. TYPE SHOWN ON DRAWINGS. PROTECT EX CONDUIT AND CONDUCTORS. INTERCEPT EX HANDHOLE WITH NEW CONDUIT. REFER TO WIRING SCHEDULE

REMOVAL NOTES

- 1 REMOVE AND SALVAGE POLE, FOUNDATION, PEDESTRIAN SIGNAL HEADS, ALL SIGNS, LUMINAIRE AND BRACKET ARM AND ALL ASSOCIATED WIRING AND HARDWARE
- 2 REMOVE AND STORE EX ANTENNA. COORDINATE THRU THE ENGINEER TO CONTACT JASON CAMBRIDGE, (206) 684-5703 10 BUSINESS DAYS PRIOR TO REMOVAL OF POLE.
- 3 REMOVE BRONZE CHIEF SEATTLE POLE BASE AND RETURN TO SEATTLE CITY LIGHT.
- 4 REMOVE EX HANDHOLE. RE-ROUTE CONDUIT INTO NEW HANDHOLES. PULL AND RE-PULL CONDUCTORS. TEMPORARY WIRING WILL BE REQUIRED

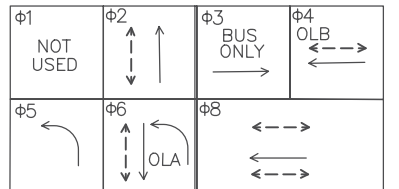


EXISTING PHASE DIAGRAM



VEHICLE \longrightarrow
PEDESTRIAN $\longleftarrow - - \longrightarrow$

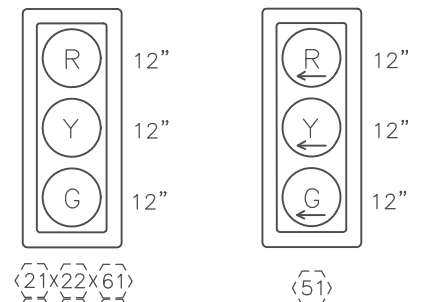
PROPOSED PHASE DIAGRAM



VEHICLE \longrightarrow
PEDESTRIAN \longleftrightarrow

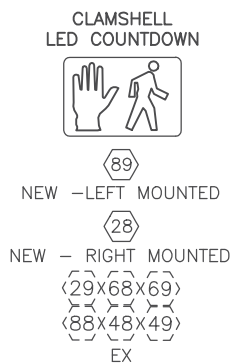
*NOTE: PHASE 8 IS BUS-ONLY.
PROPOSED PHASING IS NOT INCLUDED
IN THE CONTRACT

SIGNAL HEAD DISPLAY



EX SPAN MOUNTED

EX SPAN MOUNTED



EX BUS QUEUE JUMP

INSTALLED
BY OTHERS

SG1 |

COLUMBIA AND 1ST AVE
SIGNAL PLAN

ADDENDUM#1

CALL 2 WORKING DAYS
BEFORE YOU DIG
1-800-424-5555

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

BY: _____
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE	
DESIGNED	JM
CHECKED	AG
DRAWN	JM
CHECKED	AG

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE	
REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
REVISED AS BUILT	



Seattle
Department of
Transportation

ORDINANCE NO. _____ PW NO. _____

FUND: _____

SCALE: 1"=10'

COLUMBIA ST TWO-WAY TRANSIT CORRIDOR

JOB NO.:	PC	TS6753C
	R/W	
	CO	TS6753A
VAULT PLAN NO. 790-432		
SHEET 17 OF 33		

WIRING SCHEDULE

RUN NO.	SPAN WIRE OR CONDUIT SIZE	EXISTING CONDUCTORS	VEH HEAD	PED HEAD	PUSHBUTTON	ST LGHT	GROUND	NOTES
1	1-3" TRCD		1-7C	1-5C			1	1-7C COILED IN TERMINAL CABINET FOR FUTURE USE
	1-3" TRCD				1-PR(SH)		1	
	1-2" TRCD							SPARE
2	1-2" ECD					2-#6 (L1,N)	1	CONNECT TO EX SL CONDUCTOR
3	2-3" ECD	3 #8. 1-#8 G					1	INTERCEPT EX SCL HANDHOLE. COORDINATE WITH SCL THRU THE ENGINEER
4	1-3" TRCD	2-10C, 1-5C, 1-#8G	2-10C, 1-5C		2-PR(SH)		1	
	1-3" TRCD							
	1-2" TRCD							
5	2-3" ECD					2-#6, (L1, N)	1	INTERCEPT EX SHARED HH WITH NEW CONDUIT
6	1-3"		2-10C, 1-5C				1	INTERCEPT EX SHARED HANDHOLE WITH NEW CONDUIT
7	EX 3"	2-5C, 1#8G	2-10C, 1-5C				1	WIRING COMPLETED BY OTHERS
8	EX SPAN	1-10C, 2-5C, 1#8G	2-10C, 1-5C				1	
9	EX 1-2"	2-10C, 4-5C, 1-#8G						
	EX 1-2"	EMPTY	2-10C, 1-5C				1	TERMINATE ALL CONDUCTORS IN CABINET
10	1-1" TRCD				1PR(SH)		1	

1. ALL GROUNDWIRE SHALL BE #6 AWG. ALL CONDUIT WITH A CONDUCTOR SHALL CONTAIN A GROUNDWIRE.

POLE SCHEDULE

[illegible]

1. STRAIN POLE SA-201Y(CS): FOR DETAILS REFER TO APPENDIX, KING COUNTY METRO TROLLEY STANDARDS SP-201 SHEETS 2, 5 THRU 7.
2. FOR FOUNDATION DETAILS, REFER TO APPENDIX, KING COUNTY METRO TROLLEY STANDARDS SA-213.3 SHEETS 1 THRU 7.
3. ALL POLES, BRACKET ARMS, TERMINAL CABINETS, POLE BASES, CCTV CAMERA MOUNTS AND ALL ASSOCIATED HARDWARE SHALL BE 'SEATTLE RAILROAD GREEN'. REFER TO STANDARD COLOR DEFINITIONS IN SECT 9-08.1(8). NO RAL COLOR HAS BEEN DEFINED FOR RAILROAD GREEN.
4. ALL STREETLIGHT BRACKET ARMS SHALL BE 'ALADDIN ARM ASSEMBLY' STYLE, PER SCL STOCK CATALOG "STREETLIGHT EQUIPMENT FOR HISTORICAL DISTRICTS". REFER TO APPENDIX FOR INFORMATION
5. POLE SHALL BE DESIGNED TO MEET AASHTO 2013 CRITERIA
6. CHIEF SEATTLE BASE (CSB) SHALL BE CAST BRONZE, 12" DIAMETER, SCL STOCK #012474. REFER TO SCL STANDARD 5680.44 IN APPENDIX. CSB MUST BE PURCHASED BY THE CONTRACTOR THROUGH SEATTLE CITY LIGHT.

ADDENDUM#1

SG1A
COLUMBIA AND 1ST AVE
SIGNAL SCHEDULES

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

BY: _____
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE

DESIGNED JM
CHECKED AG

DRAWN	JM
CHECKED	AG

INITIALS AND DATE

REVIEWED:	
DES.	CONST.
SDOT	BROJ. MGR.

RECEIVED
REVISED AS BUILT

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.



Seattle
Department of
Transportation

ORDINANCE NO.
FUND:
SCALE: NONE

COLUMBIA ST TWO-WAY TRANSIT CORRIDOR

PC	TS6753C
----	---------

JOE	TS6753A
CO	

VAULT PLAN NO.
790-432

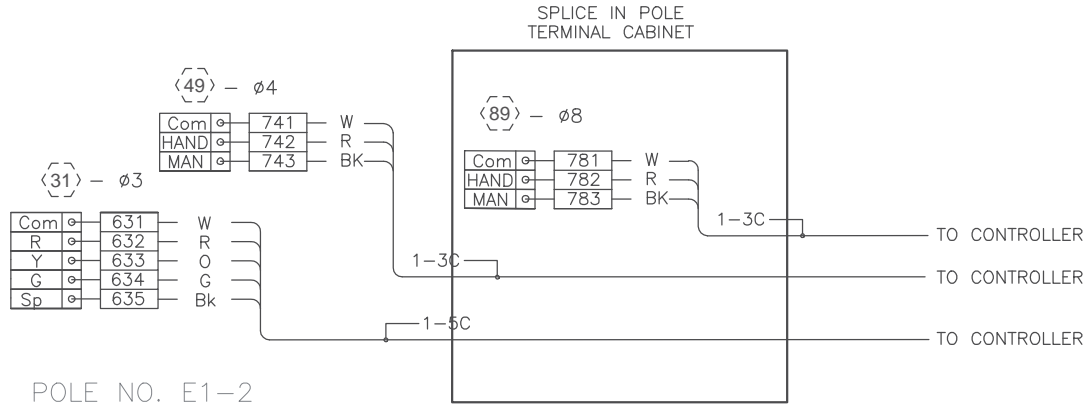
SHEET 18 OF 33

FIELD WIRE TERMINATIONS

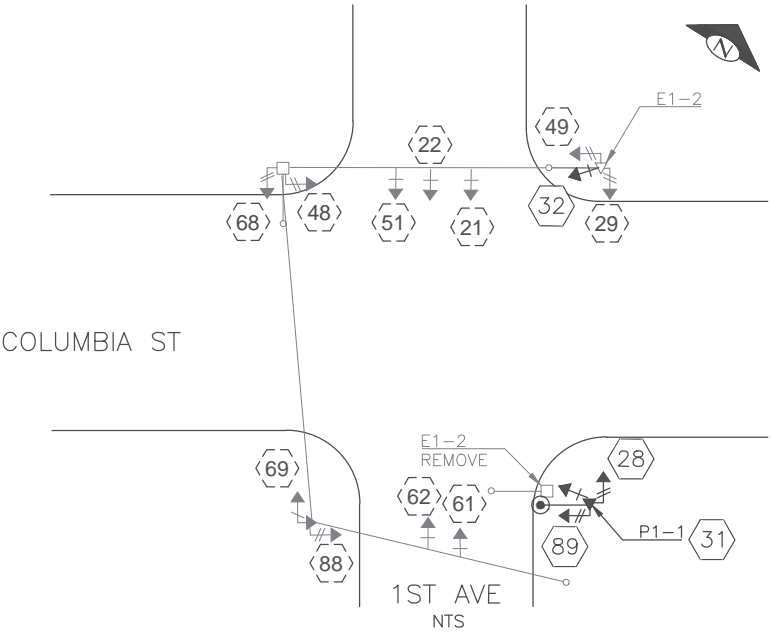
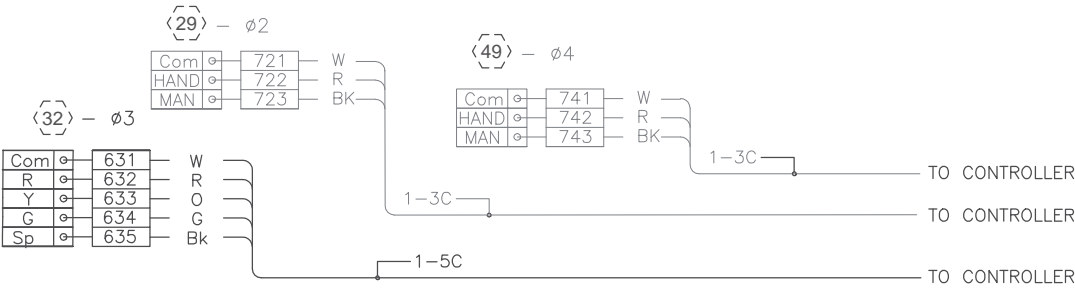
NOT TO SCALE

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	WA-03-0245	19

POLE NO. P1-1



POLE NO. E1-2



ADDENDUM#1

SG1B
COLUMBIA AND 1ST AVE
FIELD TERMINATIONS

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED JM	CHECKED AG	REVIEWED: DES. SDOT	CONST. PROJ. MGR.
DRAWN JM	CHECKED AG	RECEIVED	REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



Seattle
Department of
Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: NONE

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

CON BOB	PC	TS6753C
	R/W	
	CO	TS6753A
	VAULT PLAN NO. 790-432	
SHEET 19 OF 33		

P:\STD\ref\TS6753A COLUMBIA 2 WAY CONVERSION PROJECT\A_PLOT FILES\TS6753A-P11-SIGL_SCHED.dwg
Aug-30-17 4:11pm

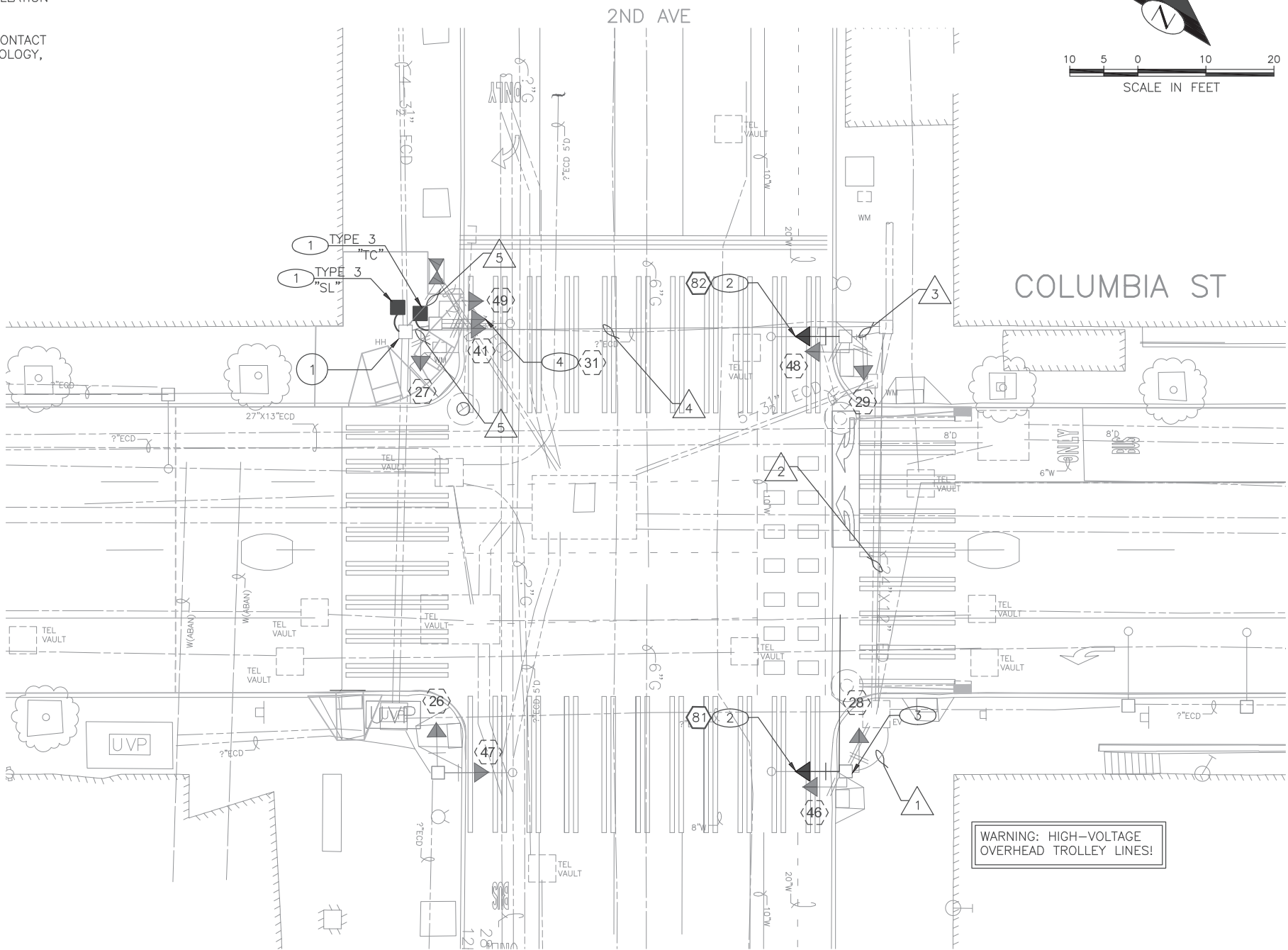
790-432-19

CONSTRUCTION NOTES

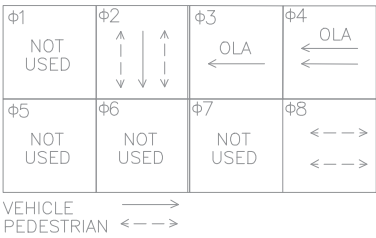
- 1 INSTALL HANDHOLE. TYPE SHOWN ON DRAWING
- 2 FURNISH SIGNAL HEAD AND ASSOC WIRING. INSTALLATION OF SIGNAL HEAD BY OTHERS
- 3 PROTECT EXISTING ANTENNA. FOR INFORMATION CONTACT ANDY STANKOVICS, DEPT OF INFORMATION TECHNOLOGY, (206) 386-4029
- 4 QUEUE JUMP SIGNAL HEAD REMOVED BY OTHERS

REMOVAL NOTES

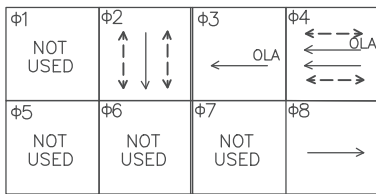
- 1 REMOVE EXISTING HANDHOLE. PULL AND REPULL CONDUCTORS



EXISTING PHASE DIAGRAM

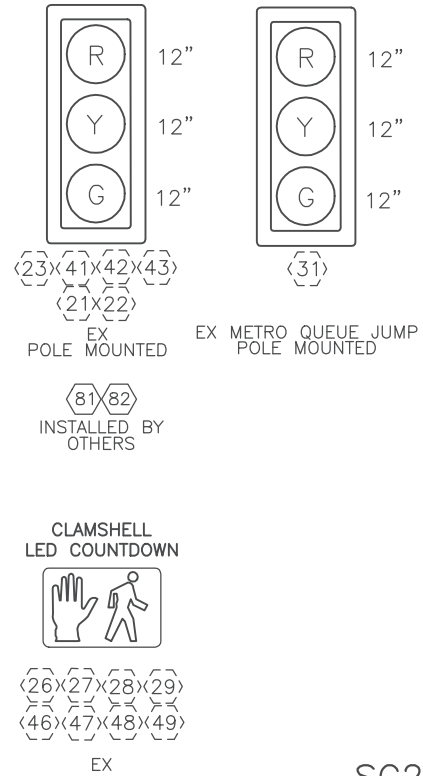


PROPOSED PHASE DIAGRAM



*NOTE: PHASE 8 IS BUS-ONLY. PROPOSED PHASING IS NOT INCLUDED IN THE CONTRACT

SIGNAL HEAD DISPLAY



SG2
COLUMBIA AND 2ND AVE
SIGNAL PLAN

CALL 2 WORKING DAYS
BEFORE YOU DIG
1-800-424-5555

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE
DESIGNED JM
CHECKED AG
DRAWN JM
CHECKED AG

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE
REVIEWED: DES. CONST.
SDOT PROJ. MGR.
RECEIVED
REVISED AS BUILT



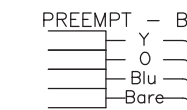
Seattle
Department of
Transportation
ORDINANCE NO.
FUND:
SCALE: 1"=10'

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

PC TS6753C
R/W TS6753A
CO
VAULT PLAN NO.
790-432
SHEET 20 OF 33

NOT TO SCALE

10	WA	WA-03-0245	21
----	----	------------	----



The diagram illustrates the wiring for three modules: 81, 49, and 89. Each module has a 3-pin connector (Com, HAND, MAN) and a 3-pin output connector (W, R, BK).

- Module 81 (ø8):**
 - Com (W) → 681
 - R (R) → 682
 - Y (O) → 683
 - G (G) → 684
 - Sp (Bk) → 685
- Module 49 (ø4):**
 - Com (W) → 741
 - HAND (R) → 742
 - MAN (BK) → 743
- Module 89 (ø8):**
 - Com (W) → 781
 - HAND (R) → 782
 - MAN (BK) → 783

The output lines are connected to the controller as follows:

- Line 1-3C: Connected to the R (R) output of Module 49 and the R (R) output of Module 89.
- Line 1-5C: Connected to the Sp (Bk) output of Module 81.

Wiring diagram for the 28, 49, and 82 pin connectors. The 28-pin connector (ø2) has pins 721 (W), 722 (R), and 723 (BK). The 49-pin connector (ø4) has pins 741 (W), 742 (R), and 743 (BK). The 82-pin connector (ø8) has pins 681 (W), 682 (R), 683 (O), 684 (G), and 685 (BK). Wires from pins 721, 741, 742, 743, 681, 682, 683, 684, and 685 are connected to a common bus labeled '1-3C' and '1-5C', which then connects to the 'TO CONTROLLER' terminal.



APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.



NO. COM	PC	TS6753C
	R/W	
	CO	TS6753A
VAULT PLAN NO. 790-432		
SHEET 21 OF 33		

CONSTRUCTION NOTES

- 1

INSTALL NEW CSB POLE, FOUNDATION , PEDESTRIAN SIGNAL HEAD, VEHICLE SIGNAL HEAD, LUMINAIRE AND BRACKET ARM. REFER TO POLE SCHEDULE. FOR ALL STREETLIGHTING WORK, REFER TO SCL STANDARDS
- 2

INSTALL NEW HANDHOLE IN PLACE OF EX HANDHOLE. TYPE SHOWN ON DRAWING. PULL AND REPULL ALL EX CONDUCTORS
- 3

FURNISH SIGNAL HEAD AND ASSOC WIRING. INSTALLATION OF SIGNAL HEAD BY OTHERS
- 4

INSTALL NEW TERMINAL CABINET ON POLE. REFER TO POLE SCHEDULE
- 5

INSTALL OWNER FURNISHED CCTV CAMERA ON NEW POLE. REFER TO DETAIL 1, SG3A
- 6

INSTALL HANDHOLE. TYPE SHOWN ON DRAWING
- 7

INSTALL NEW HANDHOLE LID, TYPE 3. PROTECT EX CONDUIT AND CONDUCTORS
- 8

PROTECT EXISTING ANTENNA. FOR INFORMATION CONTACT ANDY STANKOVICS, DEPT OF INFORMATION TECHNOLOGY, (206) 386-4029
- 9

INSTALL LOOPS AND LEAD-INS DIRECTLY TO HANDHOLE. POSITION HANDHOLE TO AVOID PAVEMENT JOINTS. REFER TO PAVING DRAWINGS AND JOINT LAYOUTS
- 10

INSTALL EX OWNER FURNISHED CHIEF SEATTLE BASE ON NEW POLE

REMOVAL NOTES

- 1

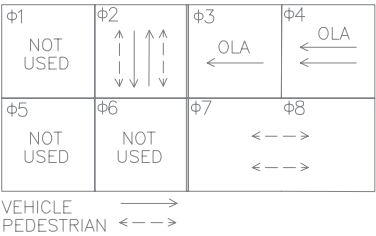
REMOVE POLE, FOUNDATION, PEDESTRIAN AND VEHICLE SIGNAL HEADS, SIGN(S), LUMINAIRE AND BRACKET ARM AND ALL ASSOCIATED WIRING
- 2

REMOVE AND SALVAGE EX HANDHOLE LID
- 3

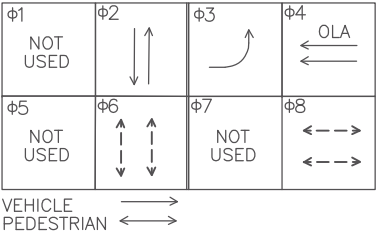
REMOVE EX CCTV CAMERA, MOUNT, AND ALL ASSOCIATED WIRING AND HARDWARE
- 4

REMOVE, STORE AND SALVAGE EX CHIEF SEATTLE BASE FOR USE ON NEW POLE, P3

EXISTING PHASE DIAGRAM

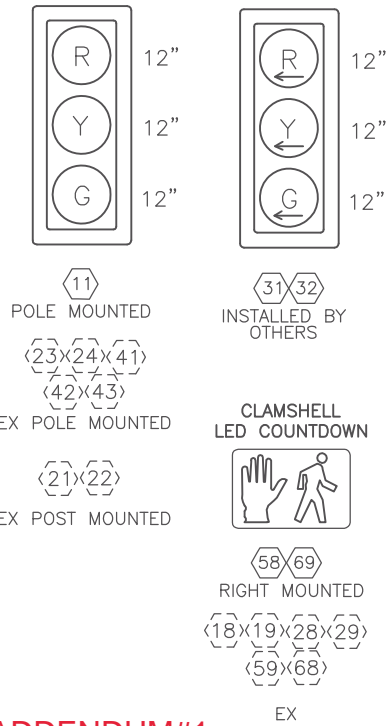


PROPOSED PHASE DIAGRAM

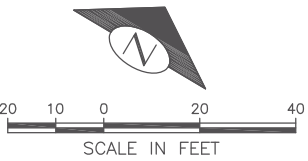
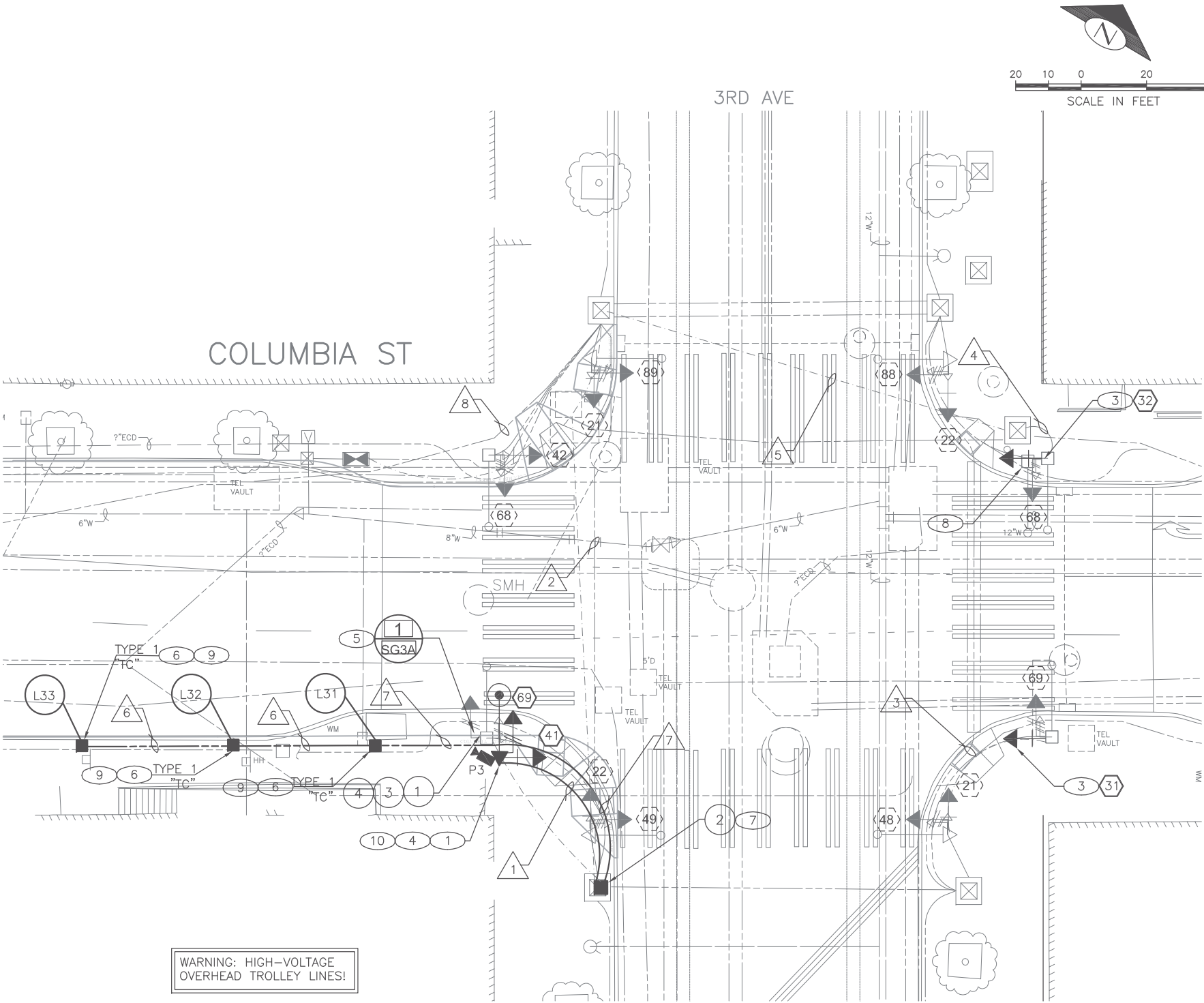


*NOTE: PHASE 3 IS BUS-ONLY.
PROPOSED PHASING IS NOT INCLUDED
IN THE CONTRACT

SIGNAL HEAD DISPLAY



ADDENDUM#1
SG3
COLUMBIA AND 3RD AVE
SIGNAL PLAN



VAULT	SERIAL NO.	DATE	MARK	NATURE	REVISIONS	MADE	CHK'D	REV'D
	36760							

P:\STDR\TS6753A COLUMBIA 2 WAY CONVERSION PROJECT\A_PLOT FILES\TS6753A-P11-SIGL.dwg
Aug-31-17 1:56pm

790-432-22

CALL 2 WORKING DAYS
BEFORE YOU DIG
1-800-424-5555

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE DESIGNED JM CHECKED AG	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR. RECEIVED REVISED AS BUILT
DRAWN JM CHECKED AG	ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.



Seattle
Department of
Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: 1"=10'

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

PC	TS6753C
R/W	
CO	TS6753A
VAULT PLAN NO.	790-432
SHEET	22 OF 33

WIRING SCHEDULE

RUN NO.	SPAN WIRE OR CONDUIT SIZE	EXISTING CONDUCTORS	VEH HEAD	PED HEAD	LOOPS	CCTV	GROUND	NOTES
1	1-3"TRCD		1-5C	1-3C			1	
	1-3"TRCD					1-CCC	1	
	1-2"ECD							
2	EX 3"	2-10C, 1-CCC	1-5C	2-3C			1	
3	EX 2"	1-7C, 1-5C, 1-#6 SL WIRE, 1#8G	1-5C				1	
4	EX. 3"	1-7C, 1-5C, 1#8G	1-5C				1	
5	EX 4"	EMPTY	1-7C				1	
6	1-2"TRCD				1-2C		1	
7	2-2"TRCD				1-6C		1	
8	EX 3"	1-7C	1-7C, 1-5C	1-3C	1-6C	1-CCC	1	TERMINATE ALL WIRES IN CABINET

1. ALL GROUNDWIRE SHALL BE #6 AWG. ALL CONDUIT WITH A CONDUCTOR SHALL HAVE A GROUNDWIRE.

LOOP SCHEDULE

LOOP #	PHASE	TYPE			MEASURED AT HANDHOLE		# TURNS	BICYCLE DETECTOR PAVEMENT MARKING?
		DI-POLE	STD	QUAD	INDUCTANCE (uh)	RESISTANCE (ohms)		
L31	3			X			4	YES
L32	3		X				4	NO
L33	3		X				4	NO

1. FOR LOOPS SPACING AND DETAILS, REFER TO STD PLAN 530B.

PRE-EMPT SCHEDULE

DETECTOR ID	PHASE	MODEL NO.
A	2	721
C	6	721
OPTICOM DISCRIMINATOR		764 & 768

POLE SCHEDULE



POLE NO.	STATION/LOCATION AND OFFSET	POLE TYPE	FOUNDATION TYPE	POLE SHAFT LENGTH (FT)	LUMINAIRE ARM LENGTH (FT)	LUMINAIRE TYPE	LUMINAIRE MOUNTING HEIGHT (FT)	# OF CABLE OUTLETS	LOCATION OF OUTLET (CLOCKWISE) 0° = 3RD AVE NORTHBOUND	CITY LIGHT POLE NO.	TERMINAL CABINET LOCATION (CLOCKWISE) 0° = 3RD AVE NORTHBOUND	NOTE
P3	7+73.60, 24.21'RT	STRAIN TYPE T, CHIEF SEATTLE BASE	STD PLAN 541B	31.5	6	270 LED	33.5	2			90	

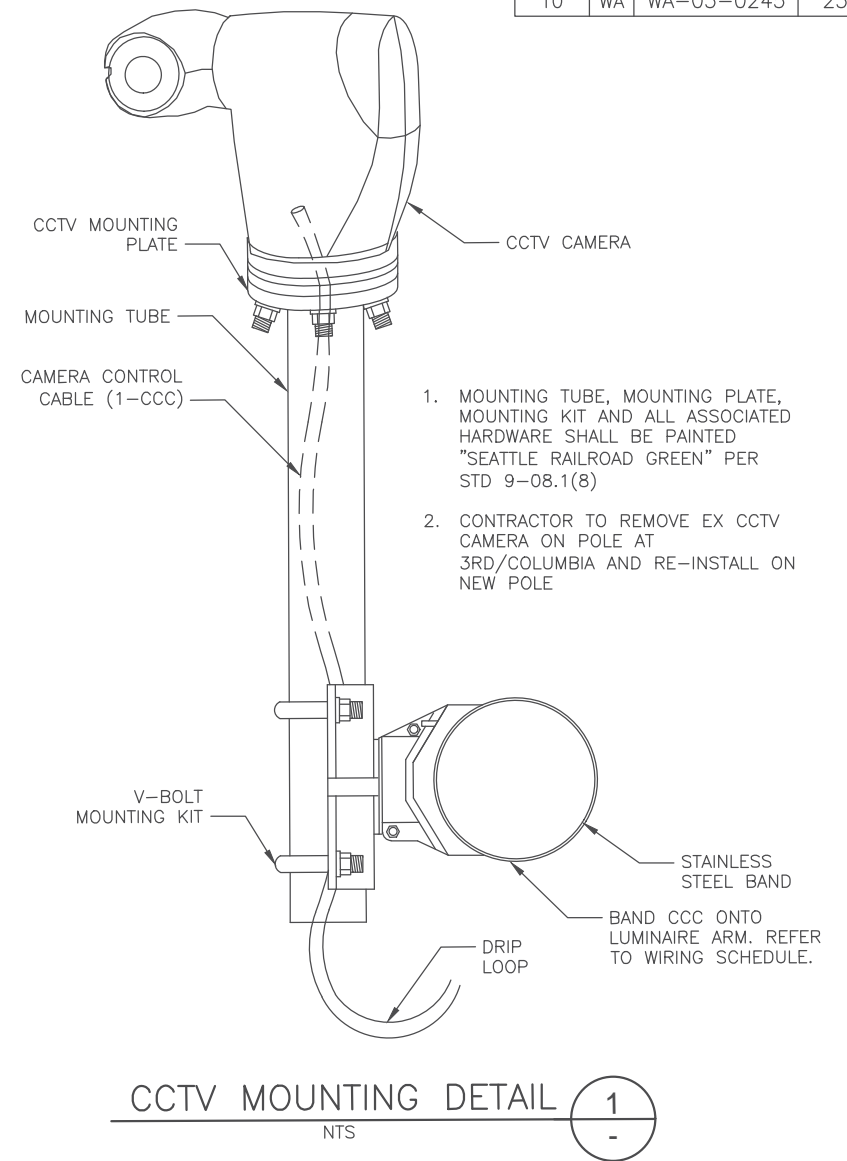
NOTE:

1. POLE SHALL HAVE A 12-INCH CAST ALUMINUM STREETLIGHT BASE. REFER TO SCL MATERIAL STANDARD 5680.33 (EFFECTIVE 7/26/16) IN THE APPENDIX.
2. CHIEF SEATTLE BASE (CSB) DETAILS PROVIDED ON STANDARD PLAN 542A (2011 ED.) IN THE APPENDIX
3. ALL POLES, BRACKET ARMS, TERMINAL CABINETS, POLE BASES, CCTV CAMERA MOUNTS AND ALL ASSOCIATED HARDWARE SHALL BE 'SEATTLE RAILROAD GREEN'. REFER TO STANDARD COLOR DEFINITIONS IN SECT 9-08.1(8)
4. ALL STREETLIGHT BRACKET ARMS SHALL BE 'ALADDIN ARM ASSEMBLY' STYLE, PER SCL STOCK CATALOG "STREETLIGHT EQUIPMENT FOR HISTORICAL DISTRICTS". REFER TO APPENDIX FOR INFORMATION

ADDENDUM#1

SG3A
COLUMBIA AND 3RD AVE
SIGNAL SCHEDULES

PW# 2016-113	APPROVED FOR ADVERTISING NANCY LOCKE DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED JM CHECKED AG	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.		 Seattle Department of Transportation	COLUMBIA ST TWO-WAY TRANSIT CORRIDOR	JOB NO. PC TS6753C R/W CO TS6753A	
	BY: CITY PURCHASING & CONTRACTING SERVICES DIRECTOR	DRAWN JM CHECKED AG	RECEIVED REVISED AS BUILT				ORDINANCE NO. PW NO. FUND: SCALE: NONE	VAULT PLAN NO. 790-432
	ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 9-02.3 OF THE PROJECT MANUAL.						SHEET 23 OF 33	

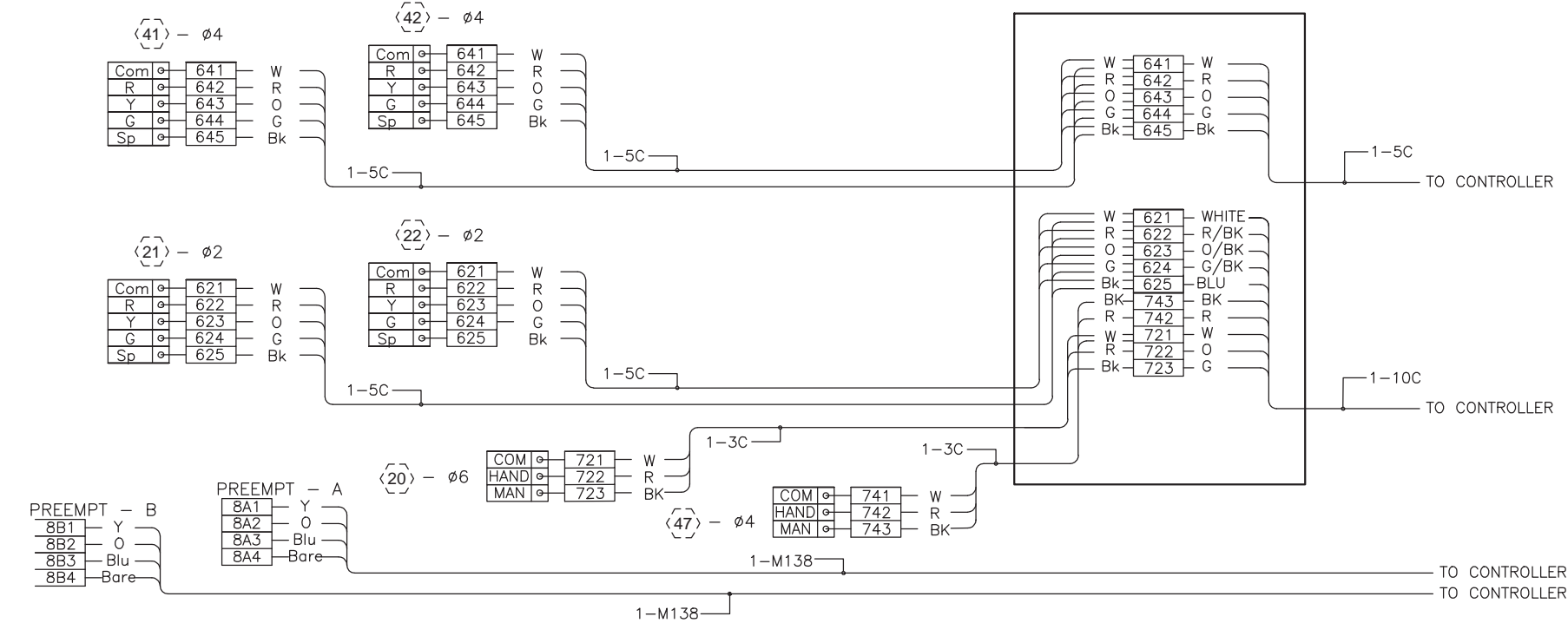


FIELD WIRE TERMINATIONS

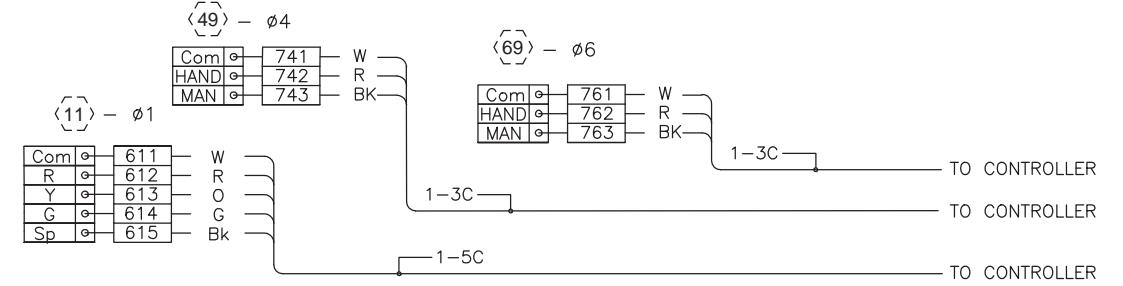
NOT TO SCALE

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	WA-03-0245	24

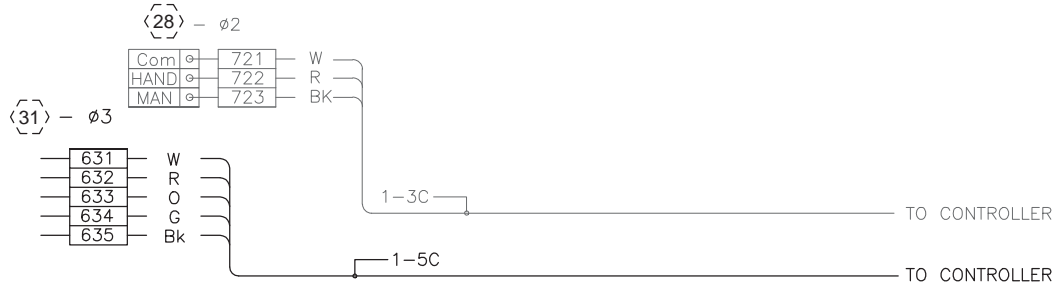
SPLICE IN POLE
TERMINAL CABINET



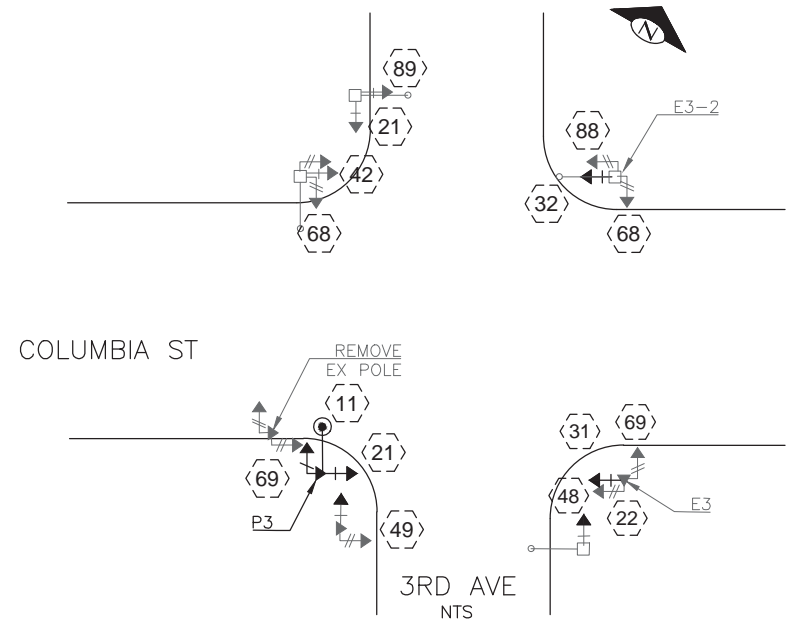
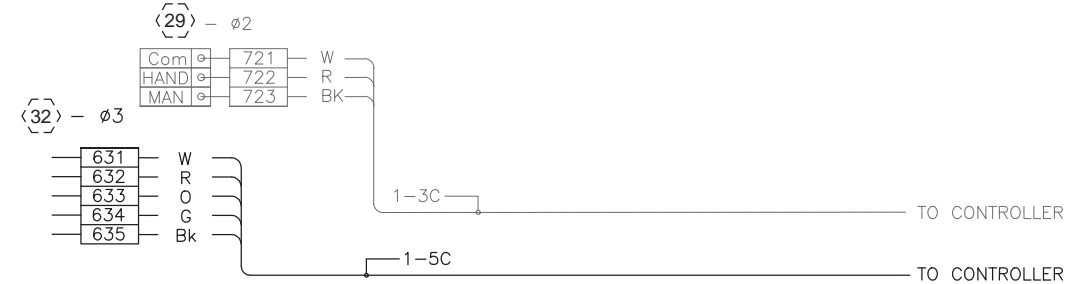
POLE NO. P3-1



POLE NO. E3-1



POLE NO. E3-2



SG3B
COLUMBIA AND 3RD AVE
FIELD TERMINATIONS

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE
DESIGNED JM
CHECKED AG
DRAWN JM
CHECKED AG
REVIEWED:
DES. SDOT
CONST. PROJ. MGR.
RECEIVED
REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.



Seattle
Department of
Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: NONE

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

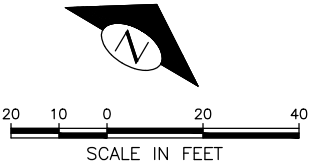
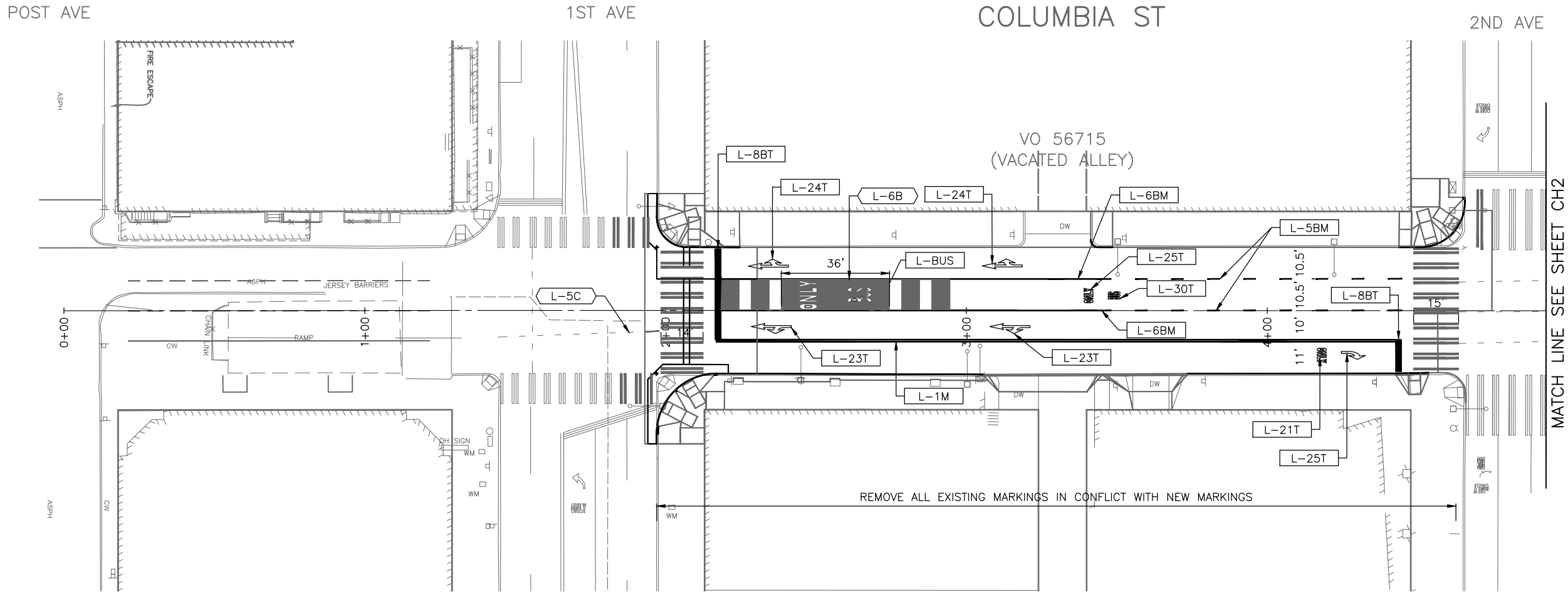
PC TS6753C
R/W TS6753A
CO
VAULT PLAN NO.
790-432
SHEET 24 OF 33

CHANNELIZATION LEGEND

- L-1M SOLID 4" YELLOW STRIPES WITH 4" SPACE IN BETWEEN STRIPES (PROFILED MMA)
- L-5BM DASHED 6" WHITE STRIPE (2' PROFILED MMA WITH 4' SKIP)
- L-5CM DASHED 4" WHITE STRIPE (2' PROFILED MMA WITH 4' SKIP)
- L-6AM 4" SOLID WHITE STRIPE (PROFILED MMA)
- L-6BM 6" SOLID WHITE STRIPE (PROFILED MMA)
- L-8 8" SOLID WHITE STRIPE FOR BARRIER LINE
- L-8T 8" SOLID WHITE STRIPE FOR CROSSWALK, PER STD PLAN 712
- L-8BT 24" SOLID WHITE STRIPE FOR STOP BAR
- L-20T LEFT ARROW, PER STD PLAN 720a
- L-21T RIGHT ARROW, PER STD PLAN 720a
- L-22T THROUGH ARROW, PER STD PLAN 720b
- L-23T LEFT AND THROUGH ARROW COMBINATION, PER STD PLAN 720c
- L-24T RIGHT AND THROUGH ARROW COMBINATION, PER STD PLAN 720c
- L-25T "ONLY" LEGEND
- L-30T "BUS" LEGEND
- L-BUS "BUS ONLY" RED STRIPING, SEE DETAIL

INSTALL
REMOVE

ALL WORK ON THIS SHEET TO BE DONE BY OTHERS AFTER COLUMBIA STREET FROM ALASKAN WAY TO 1ST AVE IS RECONSTRUCTED



CH1
CHANNELIZATION PLAN

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED JS	CHECKED AG	REVIEWED: DES. SDOT	CONST. PROJ. MGR.
DRAWN JS	CHECKED AG	RECEIVED	REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



Seattle
Department of
Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: H. 1"=20', V. 1"=10'

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

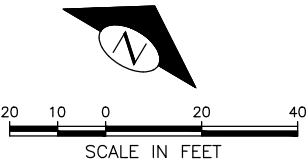
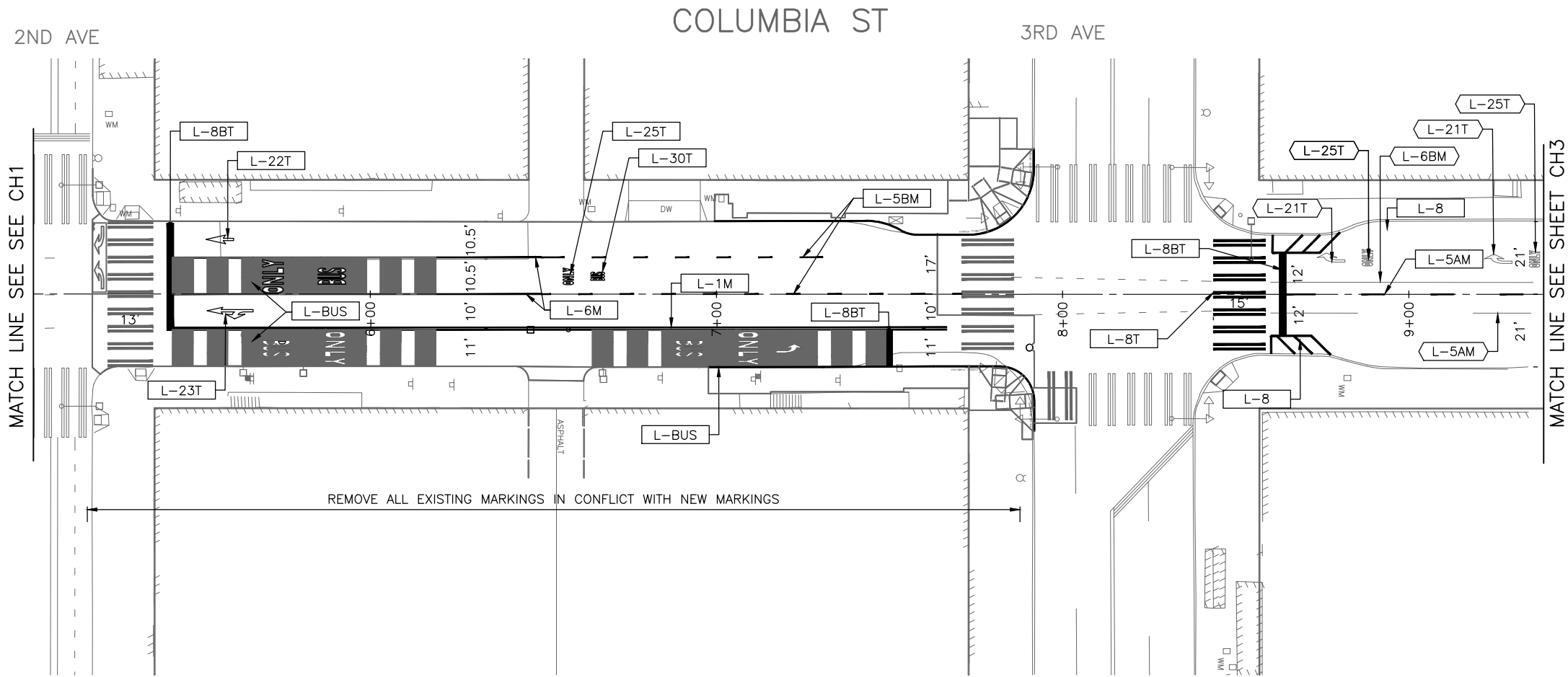
JOB NO.	PC	TS6753C
	R/W	
	CO	TS6753A
	VAULT PLAN NO. 790-432	
SHEET 25 OF 33		

CHANNELIZATION LEGEND

- L-1M SOLID 4" YELLOW STRIPES WITH 4" SPACE IN BETWEEN STRIPES (PROFILED MMA)
- L-5BM DASHED 6" WHITE STRIPE (2' PROFILED MMA WITH 4' SKIP)
- L-5CM DASHED 4" WHITE STRIPE (2' PROFILED MMA WITH 4' SKIP)
- L-6AM 4" SOLID WHITE STRIPE (PROFILED MMA)
- L-6BM 6" SOLID WHITE STRIPE (PROFILED MMA)
- L-8 8" SOLID WHITE STRIPE FOR BARRIER LINE
- L-8T 8" SOLID WHITE STRIPE FOR CROSSWALK, PER STD PLAN 712
- L-8BT 24" SOLID WHITE STRIPE FOR STOP BAR
- L-20T LEFT ARROW, PER STD PLAN 720a
- L-21T RIGHT ARROW, PER STD PLAN 720a
- L-22T THROUGH ARROW, PER STD PLAN 720b
- L-23T LEFT AND THROUGH ARROW COMBINATION, PER STD PLAN 720c
- L-24T RIGHT AND THROUGH ARROW COMBINATION, PER STD PLAN 720c
- L-25T "ONLY" LEGEND
- L-30T "BUS" LEGEND
- L-BUS "BUS ONLY" RED STRIPING, SEE DETAIL

- INSTALL
- REMOVE

ALL WORK ON THIS SHEET TO BE DONE BY OTHERS AFTER COLUMBIA STREET FROM ALASKAN WAY TO 1ST AVE IS RECONSTRUCTED



CH2
CHANNELIZATION PLAN

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED JS	CHECKED AG	REVIEWED: DES. SDOT	CONST. PROJ. MGR.
DRAWN JS	CHECKED AG	RECEIVED	REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



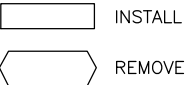
Seattle
Department of
Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: H. 1"=20', V. 1"=10'

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

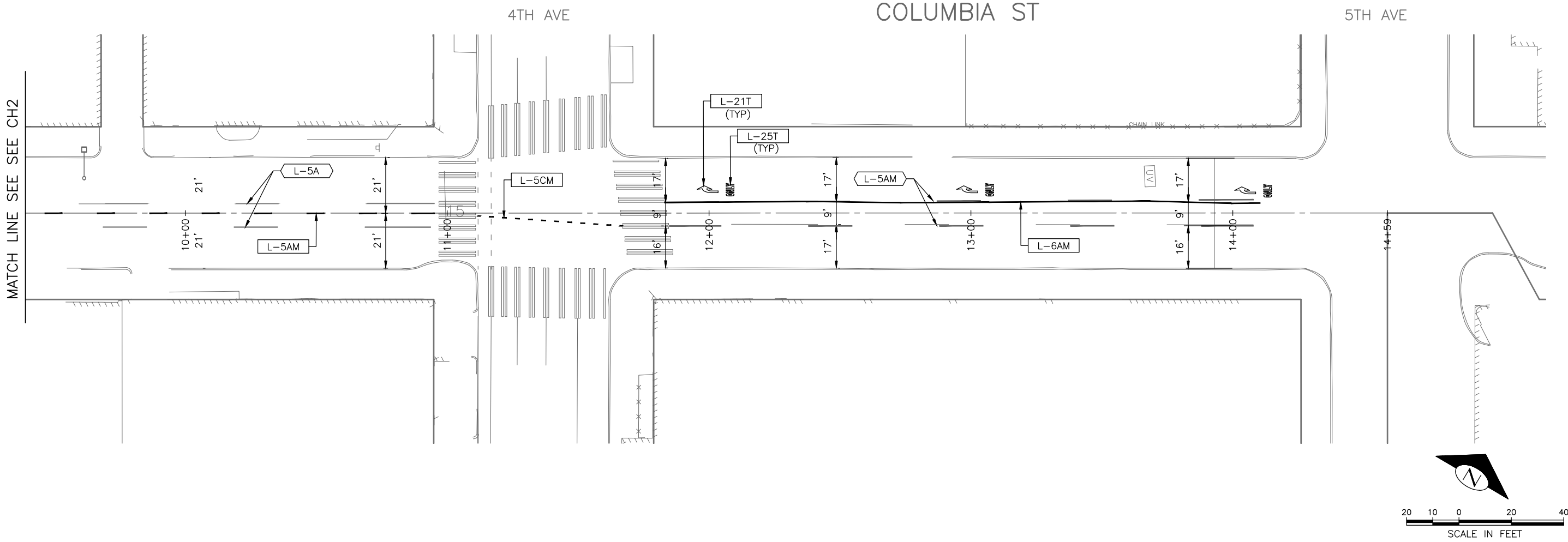
CON JOB	PC	TS6753C
	R/W	
	CO	TS6753A
	VAULT PLAN NO. 790-432	
SHEET 26 OF 33		

CHANNELIZATION LEGEND

- L-1M SOLID 4" YELLOW STRIPES WITH 4" SPACE IN BETWEEN STRIPES (PROFILED MMA)
- L-5BM DASHED 6" WHITE STRIPE (2' PROFILED MMA WITH 4' SKIP)
- L-5CM DASHED 4" WHITE STRIPE (2' PROFILED MMA WITH 4' SKIP)
- L-6AM 4" SOLID WHITE STRIPE (PROFILED MMA)
- L-6BM 6" SOLID WHITE STRIPE (PROFILED MMA)
- L-8 8" SOLID WHITE STRIPE FOR BARRIER LINE
- L-8T 8" SOLID WHITE STRIPE FOR CROSSWALK, PER STD PLAN 712
- L-8BT 24" SOLID WHITE STRIPE FOR STOP BAR
- L-20T LEFT ARROW, PER STD PLAN 720a
- L-21T RIGHT ARROW, PER STD PLAN 720a
- L-22T THROUGH ARROW, PER STD PLAN 720b
- L-23T LEFT AND THROUGH ARROW COMBINATION, PER STD PLAN 720c
- L-24T RIGHT AND THROUGH ARROW COMBINATION, PER STD PLAN 720c
- L-25T "ONLY" LEGEND
- L-30T "BUS" LEGEND
- L-BUS "BUS ONLY" RED STRIPING, SEE DETAIL



ALL WORK ON THIS SHEET TO BE DONE BY OTHERS AFTER COLUMBIA STREET FROM ALASKAN WAY TO 1ST AVE IS RECONSTRUCTED



CH3
CHANNELIZATION PLAN

DATE	MARK	NATURE	MADE CHKD REV'D
3/6/76			

P:\STD\other\TS6753A COLUMBIA 2 WAY CONVERSION PROJECT\A_PLOT FILES\TS6753A-P13-CHAN.dwg
Aug-22-17 3:27pm

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED JS	CHECKED AG	REVIEWED: DES. SDOT	CONST. PROJ. MGR.
DRAWN JS	CHECKED AG	RECEIVED	REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



Seattle
Department of
Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: H. 1"=20', V. 1"=10'

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

PC	TS6753C
R/W	
CO	TS6753A
VAULT PLAN NO.	790-432
SHEET	27 OF 33

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	WA-03-0245	28

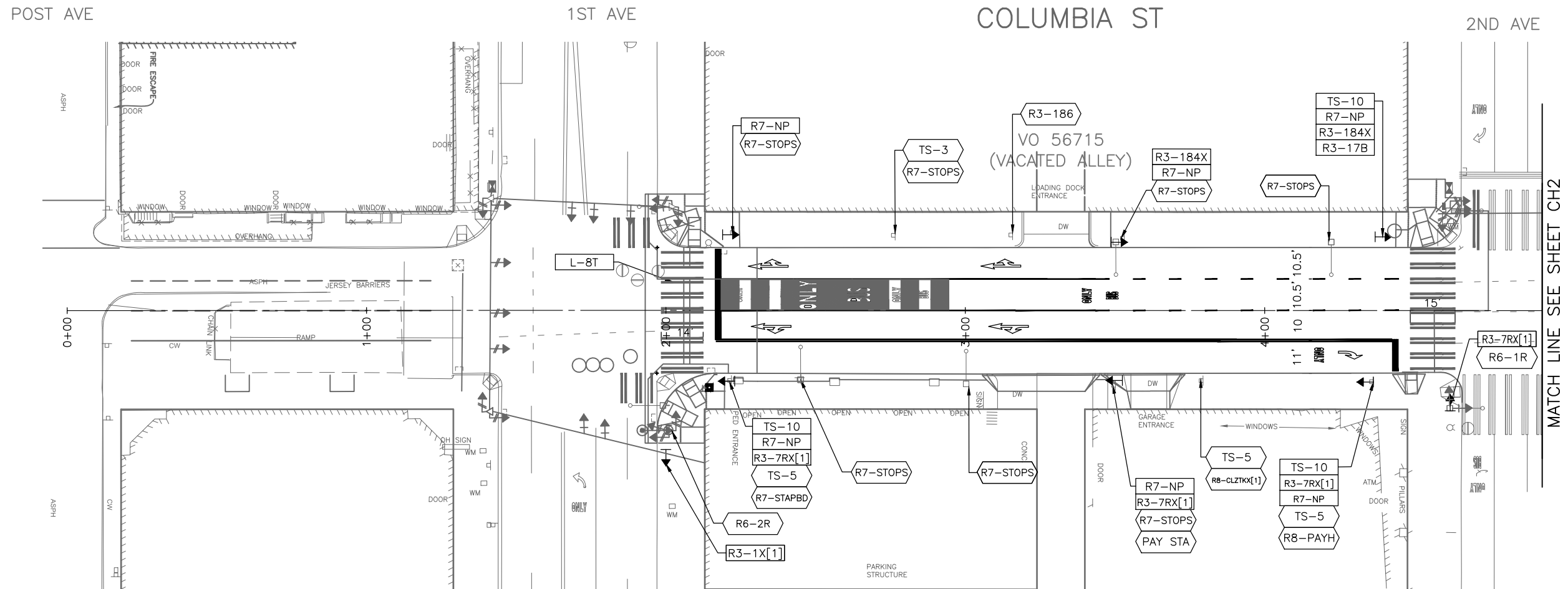
SIGNING LEGEND

TS-3	SIGN POST, 3'
TS-5	SIGN POST, 5'
TS-10	SIGN POST, 10'
R3-1X[1]	[NO RIGHT TURN] "TRUCKS"
R3-2	[NO LEFT TURN]
R6-2L	ONE WAY [LEFT ARROW]
R6-2R	ONE WAY [RIGHT ARROW]
R3-7R	RIGHT LANE MUST TURN RIGHT
R3-7RX[1]	RIGHT LANE MUST TURN RIGHT EXCEPT BUSES
R3-17B	AHEAD
R3-182X	RESTRICTED RIGHT LANE AHEAD
R3-184X	[BUS SYMBOL] CENTER LANE, "BUSES ONLY"
R3-186	[BUS] CURB LANE, BUSES ONLY [45L DW ARROW]
R3-190	RIGHT TURNS PERMITTED
R5-101	EXCEPT BUSES
R6-1R	[LARGE RIGHT ARROW] ONE WAY
R6-1L	[LARGE LEFT ARROW] ONE WAY
R7-BUS	[METRO LOGO] BUS, TAZ
R7-NP	[RED SLASHED CIRCLE] P
R7-STAPBD	NO STOPS 6-9A 3-7P EXC SAT-SUN-HOL, TAZ
R7-STOPS	NO STOPS TOW-AWAY ZONE Phone 684-5444
R8-CLZSTX[10]	{10}30 MINUTE COMMERCIAL OR PERMIT VEHICLE LOAD ONLY 9AM-3PM MON-FRI 7AM-6PM SAT NO STOPS 6-9AM 3-7PM EXCEPT SAT-SUN-HOL
R8-CLZTKX[1]	{1}30 M CLZ, 7A-6P EXC SUN-HOL USE PS EXC WITH PERMIT, 30 M TLZ 6P-7A EVERYDAY
R8-PAYH	[SWOOPING ARROW][Circle P]PAY HERE TO PARK
R8-30MSTX[7]	{7}NO STOPS 6-9AM 3-7PM, TOW AWAY ZONE EXCEPT SAT-SUN-HOL 30 MINUTE LIMIT, 9AM-3PM 7-8PM MON THRU FRI, 8AM-8PM SATURDAY

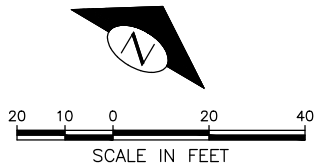
PAY STA

PARKING PAY STATION

ALL WORK ON THIS SHEET TO BE DONE BY OTHERS
AFTER COLUMBIA STREET FROM ALASKAN WAY TO 1ST
AVE IS RECONSTRUCTED



MATCH LINE SEE SHEET CH2



SI1
SIGNING PLAN

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

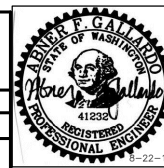
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE	
DESIGNED JS	
CHECKED AG	

DRAWN	JS
CHECKED	AG

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE	
REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.

RECEIVED
REVISED AS BUILT

Seattle
Department of
Transportation

ORDINANCE NO.

FUND:

SCALE: H. 1"=20', V. 1"=10'

COLUMBIA ST TWO-WAY TRANSIT CORRIDOR

PC	TS6753C
R/W	
CO	TS6753A

790-432

SHEET 28 OF 33

SIGNING LEGEND

- TS-3

TS-5

TS-10

R3-1X[1]

R3-2

R6-2L

R6-2R

R3-7R

R3-7RX[1]

R3-17B

R3-182X

R3-184X

R3-186

R3-190

R5-101

R6-1R

R6-1L

R7-BUS

R7-NP

R7-STAPBD

R7-STOPS

R8-CLZSTX[10]

R8-CLZTKX[1]

R8-PAYH

R8-30MSTX[7]

PAY STA
- SIGN POST, 3'

SIGN POST, 5'

SIGN POST, 10'

[NO RIGHT TURN] "TRUCKS"

[NO LEFT TURN]

ONE WAY [LEFT ARROW]

ONE WAY [RIGHT ARROW]

RIGHT LANE MUST TURN RIGHT

RIGHT LANE MUST TURN RIGHT EXCEPT BUSES AHEAD

RESTRICTED RIGHT LANE AHEAD

[BUS SYMBOL] CENTER LANE, "BUSES ONLY"

[BUS] CURB LANE, BUSES ONLY [45L DW ARROW]

RIGHT TURNS PERMITTED EXCEPT BUSES

[LARGE RIGHT ARROW] ONE WAY

[LARGE LEFT ARROW] ONE WAY

[METRO LOGO] BUS, TAZ

[RED SLASHED CIRCLE] P

NO STOPS 6-9A 3-7P EXC SAT-SUN-HOL, TAZ

NO STOPS TOW-AWAY ZONE Phone 684-5444

{10}30 MINUTE COMMERCIAL OR PERMIT VEHICLE LOAD ONLY 9AM-3PM MON-FRI 7AM-6PM SAT

NO STOPS 6-9AM 3-7PM EXCEPT SAT-SUN-HOL

{1}30 M CLZ, 7A-6P EXC SUN-HOL USE PS EXC WITH PERMIT, 30 M TLZ 6P-7A EVERYDAY

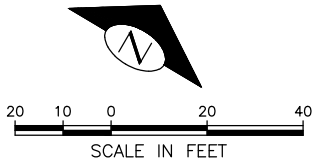
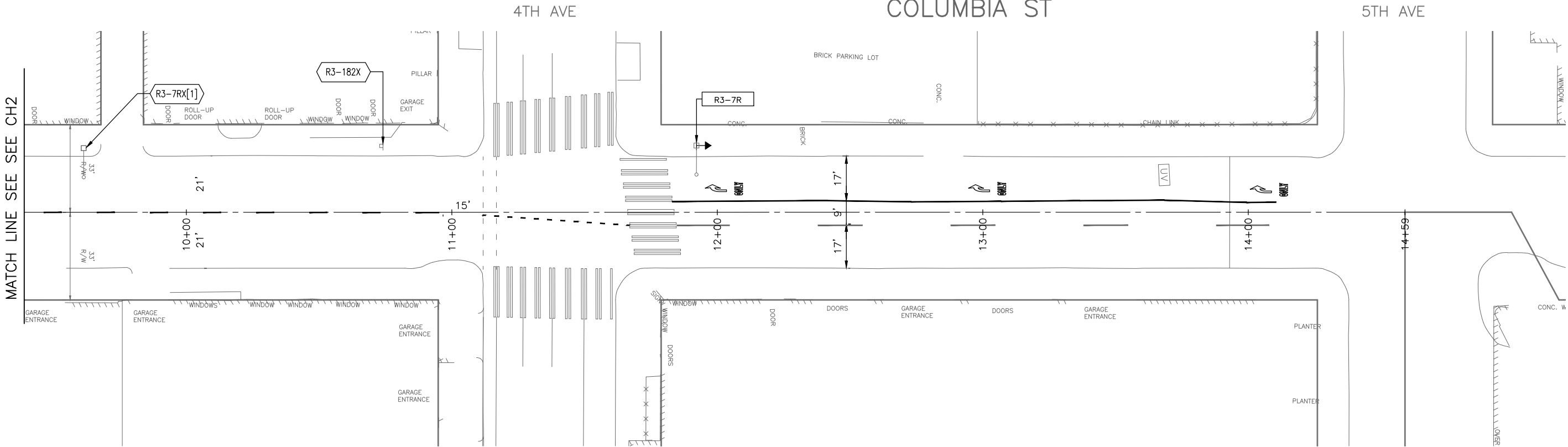
[SWOOPING ARROW][Circle P]PAY HERE TO PARK

{7}NO STOPS 6-9AM 3-7PM, TOW AWAY ZONE EXCEPT SAT-SUN-HOL 30 MINUTE LIMIT, 9AM-3PM 7-8PM MON THRU FRI, 8AM-8PM SATURDAY

PARKING PAY STATION

- INSTALL
- REMOVE

ALL WORK ON THIS SHEET TO BE DONE BY OTHERS AFTER COLUMBIA STREET FROM ALASKAN WAY TO 1ST AVE IS RECONSTRUCTED



SI3

SIGNING PLAN

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE
DESIGNED JS
CHECKED AG

DRAWN JS
CHECKED AG

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE
REVIEWED:
DES. CONST.
SDOT PROJ. MGR.

RECEIVED
REVISED AS BUILT



Seattle
Department of
Transportation

ORDINANCE NO. PW NO.
FUND:
SCALE: ----

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

PC TS6753C
R/W
CO TS6753A
VAULT PLAN NO.
790-432
SHEET 30 OF 33

SIGNING LEGEND

- R3-5R

R3-7RX[1]

R3-182X

R3-187X[1]

R5-101

R5-133

R6-1R

R6-1L

R7-STAPBD

R7-STOPS

R8-LAPSSTX

R8-LUPSSTX[9]

R8-PAYH

R8-PAYR6PM

R8-PAYR8PM

R8-30PSSTX[1]

PAY STA
- [45R CURVE ARROW] ONLY

RIGHT LANE MUST TURN RIGHT EXCEPT BUSES

RESTRICTED RIGHT LANE AHEAD

{1}{BUS} LEFT LANE, BUSES ONLY

EXCEPT BUSES

LOCAL ACCESS ONLY

[LARGE RIGHT ARROW] ONE WAY

[LARGE LEFT ARROW] ONE WAY

NO STOPS 6-9A 3-7P EXC SAT-SUN-HOL, TAZ

NO STOPS TOW-AWAY ZONE Phone 684-5444

{9}30 M LOAD & UNLOAD ONLY 8A-10P EVERYDAY PAY @ PS 8AM-6PM MON-SAT, TAZ

[SWOOPING ARROW][Circle P]PAY HERE TO PARK

[PAY STATION][Circle P]PAY 8A-6P MON-SAT UNLESS OTHERWISE POSTED[RIGHT ARROW]

[PAY STATION][Circle P]PAY 8A-8P MON-SAT UNLESS OTHERWISE POSTED[RIGHT ARROW]

{1} NO STOPS 4-6P TAZ EXC SAT-SUN-HOL, 30M 9A-4P PAY @ PS EXC SUN-HOL, 3M PLZ

7-9A 6P-2A EVERYDAY

PARKING PAY STATION

CHANNELIZATION LEGEND

- L-5A

L-5C

L-6A

L-6B

L-7

L-8T

L-8B

L-20

L-20T

L-21

L-21T

L-25

L-30

L-GBT
- DASHED 4" WHITE STRIPE (10' PAINT WITH 20' SKIP)

DASHED 4" WHITE STRIPE (2' PAINT WITH 4' SKIP)

4" SOLID WHITE STRIPE FOR APPROACH LINE

6" SOLID WHITE STRIPE FOR BUS LANE LINE

4" SOLID WHITE STRIPE FOR PARKING LANE LINE

8" SOLID THERMO WHITE STRIPE FOR CROSSWALK, PER STD PLAN 712

24" SOLID WHITE STRIPE FOR STOP BAR

LEFT ARROW, PER STD PLAN 720a

LEFT ARROW, THERMO PER STD PLAN 720a

RIGHT ARROW, PER STD PLAN 720a

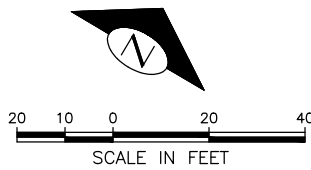
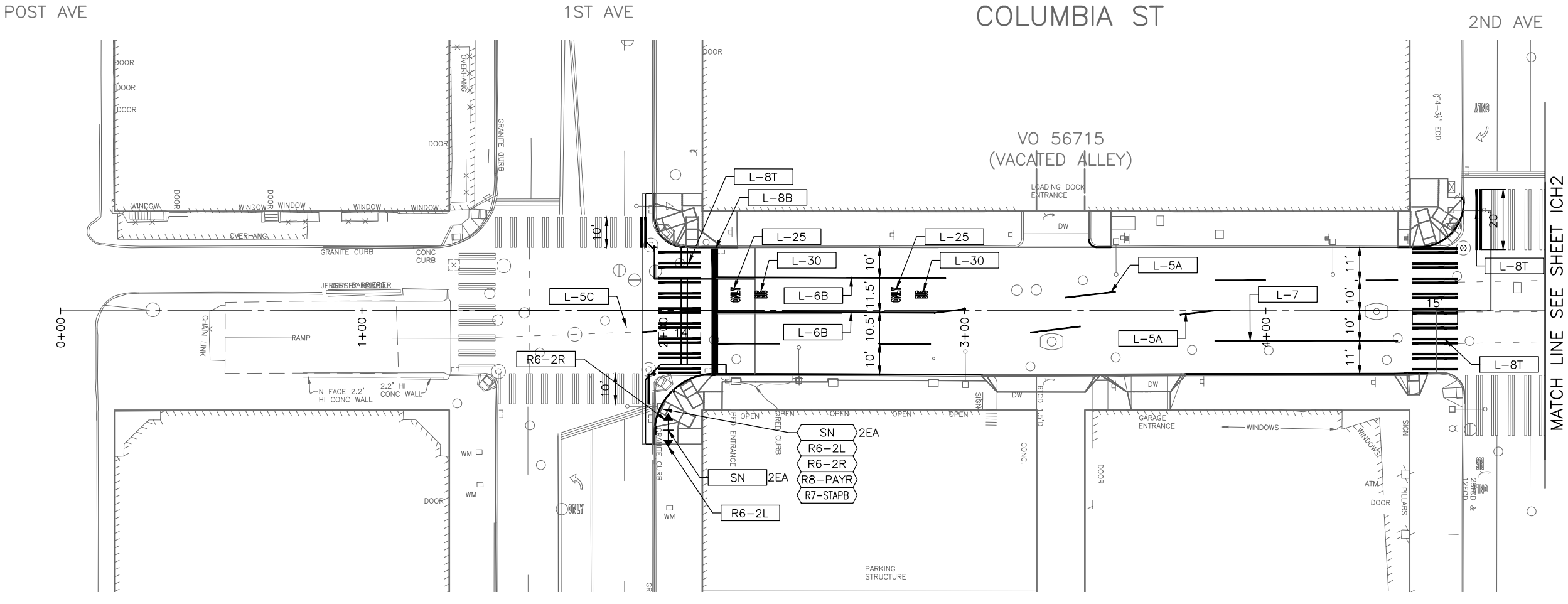
RIGHT ARROW, THERMO PER STD PLAN 720a

"ONLY" LEGEND

"BUS" LEGEND

GREEN BIKE BOX, THERMO, 20'X4' RECTANGLE
- INSTALL

REMOVE



ICH1
INTERIM CHANNELIZATION AND SIGNING PLAN

DATE	MARK	NATURE	REVISIONS
3/6/16		MADE CHKD	REV'D

P:\STD\other\TS6753A COLUMBIA 2 WAY CONVERSION PROJECT\A_PLOT FILES\TS6753A-P13-CHAN-TEMP.dwg
Aug-22-17 3:29pm

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED JS	CHECKED AG	REVIEWED: DES.	CONST.
DRAWN JS	CHECKED AG	SDOT	PROJ. MGR.
		RECEIVED	
		REVISED AS BUILT	
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



Seattle
Department of
Transportation

ORDINANCE NO. PW NO.
FUND:
SCALE: 1"=20'

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

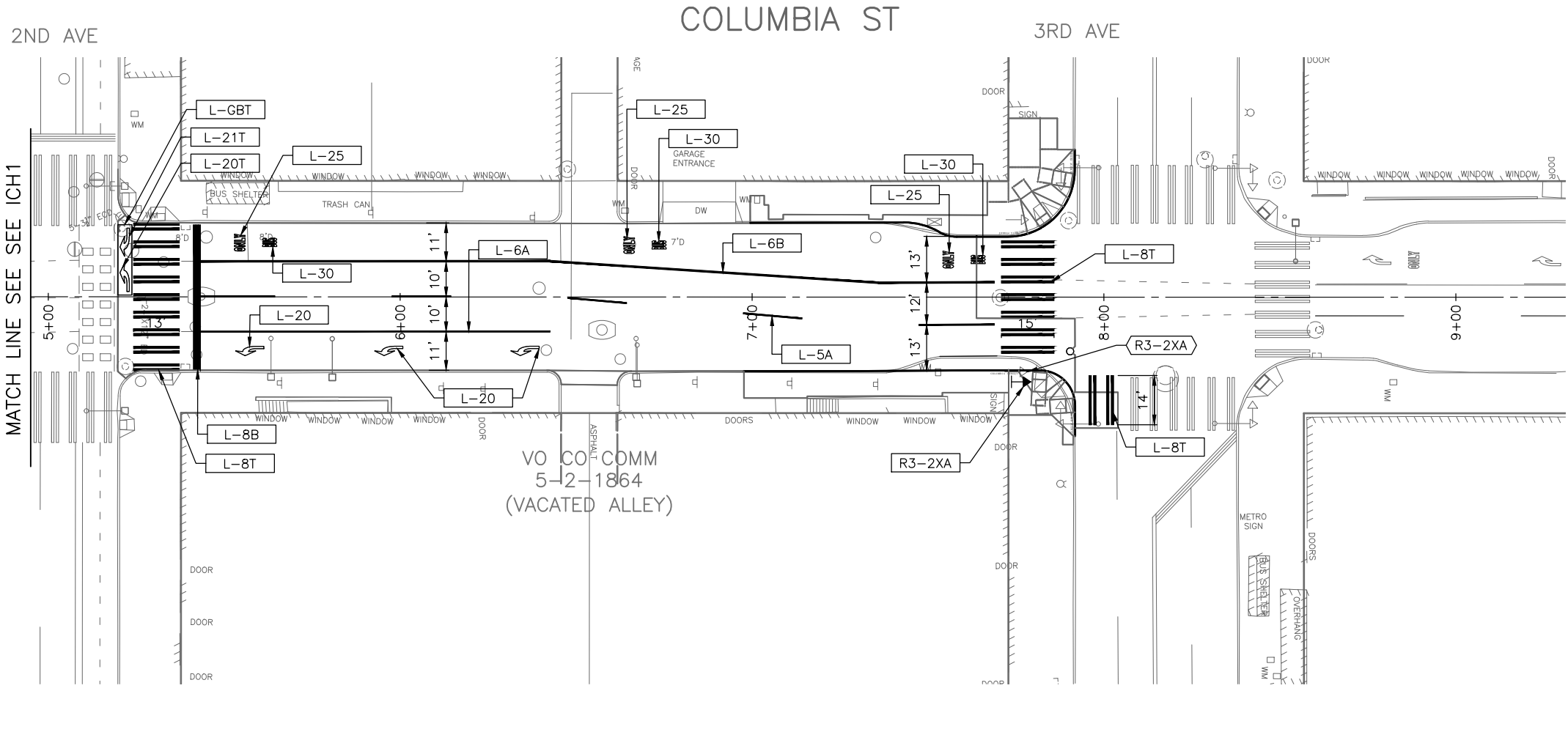
PC	TS6753C
R/W	
CO	TS6753A
VAULT PLAN NO.	
790-432	
SHEET 32 OF 33	

SIGNING LEGEND

R3-5R [45R CURVE ARROW] ONLY
R3-7RX[1] RIGHT LANE MUST TURN RIGHT EXCEPT BUSES
R3-182X RESTRICTED RIGHT LANE AHEAD
R3-187X[1] {1}[BUS] LEFT LANE, BUSES ONLY
R5-101 EXCEPT BUSES
R5-133 LOCAL ACCESS ONLY
R6-1R [LARGE RIGHT ARROW] ONE WAY
R6-1L [LARGE LEFT ARROW] ONE WAY
R7-STAPBD NO STOPS 6-9A 3-7P EXC SAT-SUN-HOL, TAZ
R7-STOPS NO STOPS TOW-AWAY ZONE Phone 684-5444
R8-LAPSSTX {9}30 M LOAD & UNLOAD ONLY 8A-10P EVERYDAY PAY @ PS 8AM-6PM MON-SAT, TAZ
R8-LUPSSTX[9] [SWOOPING ARROW][Circle P]PAY HERE TO PARK
R8-PAYH [PAY STATION][Circle P]PAY 8A-6P MON-SAT UNLESS OTHERWISE POSTED[RIGHT ARROW]
R8-PAYR6PM [PAY STATION][Circle P]PAY 8A-8P MON-SAT UNLESS OTHERWISE POSTED[RIGHT ARROW]
R8-PAYR8PM {1} NO STOPS 4-6P TAZ EXC SAT-SUN-HOL, 30M 9A-4P PAY @ PS EXC SUN-HOL, 3M PLZ
R8-30PSSTX[1] 7-9A 6P-2A EVERYDAY
PAY STA PARKING PAY STATION

CHANNELIZATION LEGEND

L-5A DASHED 4" WHITE STRIPE (10' PAINT WITH 20' SKIP)
L-5C DASHED 4" WHITE STRIPE (2' PAINT WITH 4' SKIP)
L-6A 4" SOLID WHITE STRIPE FOR APPROACH LINE
L-6B 6" SOLID WHITE STRIPE FOR BUS LANE LINE
L-7 4" SOLID WHITE STRIPE FOR PARKING LANE LINE
L-8T 8" SOLID THERMO WHITE STRIPE FOR CROSSWALK, PER STD PLAN 712
L-8B 24" SOLID WHITE STRIPE FOR STOP BAR
L-20 LEFT ARROW, PER STD PLAN 720a
L-20T LEFT ARROW, THERMO PER STD PLAN 720a
L-21 RIGHT ARROW, PER STD PLAN 720a
L-21T RIGHT ARROW, THERMO PER STD PLAN 720a
L-25 "ONLY" LEGEND
L-30 "BUS" LEGEND
L-GBT GREEN BIKE BOX, THERMO, 20'X4' RECTANGLE
[RECTANGLE] INSTALL
[HEXAGON] REMOVE



ICH2
INTERIM CHANNELIZATION AND SIGNING PLAN

PW# 2016-113

APPROVED FOR ADVERTISING
NANCY LOCKE
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED JS	CHECKED AG	REVIEWED: DES. SDOT	CONST. PROJ. MGR.
DRAWN JS	CHECKED AG	RECEIVED	REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.			



Seattle
Department of
Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: 1"=20'

COLUMBIA ST TWO-WAY
TRANSIT CORRIDOR

JOB NO.	PC	TS6753C
	R/W	
	CO	TS6753A
	VAULT PLAN NO. 790-432	
SHEET 33 OF 33		