

GENERAL NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

1. ALL WORK MUST CONFORM TO THE 2017 EDITION OF THE CITY OF SEATTLE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, THE 2017 EDITION OF THE CITY OF SEATTLE STANDARD PLANS FOR MUNICIPAL CONSTRUCTION, AND THE SEATTLE DEPARTMENT OF TRANSPORTATION DIRECTOR'S RULE 01-2017 FOR STREET AND SIDEWALK PAVEMENT OPENING AND RESTORATION. A COPY OF THESE DOCUMENTS MUST BE ONSITE DURING CONSTRUCTION.
2. FOR REQUIREMENTS REGARDING THE PROTECTION AND RESTORATION OF PUBLIC AND PRIVATE PROPERTY SEE SECTIONS 1-07.16 & 1-07.17.
3. UNDER NO CIRCUMSTANCES WILL WORK BE PERFORMED WHICH WOULD REMOVE, ADJUST, DESTROY OR OTHERWISE MAKE A SURVEY MONUMENT NO LONGER VISIBLE OR READILY ACCESSIBLE WITHOUT A PERMIT TO REMOVE OR DESTROY A SURVEY MONUMENT FROM THE WASHINGTON DEPARTMENT OF NATURAL RESOURCES. SEE SECTION 1-07.16(1)A & SECTION 1-07.28(17).
4. TREES, SHRUBS AND OTHER PLANT MATERIAL NOT DESIGNATED FOR REMOVAL MUST BE PROTECTED FROM DAMAGE. SEE SECTIONS 1-07.16(2) AND 8-01 FOR REQUIREMENTS REGARDING THE TREE, VEGETATION AND SOIL PROTECTION PLAN.
5. THE PROJECT WILL INVOLVE EXCAVATION OVER CHARGED WATER MAINS. FOR PROTECTION OF THIS INFRASTRUCTURE, SEE SECTIONS 1-07.16(1) AND 2-02.3(3)C. CONTRACTOR MUST NOT REPAIR DAMAGE TO CHARGED WATER MAINS OR SERVICES BUT MUST IMMEDIATELY NOTIFY THE SPU EMERGENCY DISPATCHER AT 206-386-1800.
6. RESTORATION OF CONTRACTOR DAMAGE TO EXISTING UTILITIES MUST BE AT THE CONTRACTOR'S EXPENSE. SEE SECTIONS 1-07.13 AND 1-07.16.
7. THE CONTRACTOR MUST NOTIFY THE UTILITIES FOR UNDERGROUND UTILITY LOCATIONS BEFORE COMMENCEMENT OF ANY EXCAVATION. ADVANCE NOTIFICATION IS REQUIRED. SEE SECTION 1-07.28.
8. FOR NOTIFICATION AND COORDINATION REQUIREMENTS, INCLUDING COMMUNICATION WITH METRO TRANSIT, SEE SECTION 1-07.28.
9. THE CONTRACTOR MUST ADHERE TO WASHINGTON ADMINISTRATIVE CODE GUIDELINES WHEN WORKING WITHIN TEN FEET OF ENERGIZED OVERHEAD TROLLEY LINES. CONTRACTOR SHALL CONTACT METROKOC FOR ALL MODIFICATIONS OR OUTAGE REQUESTS TO OVERHEAD TROLLEY LINES, SEE SECTION 1-07.28 (4).
10. ALL EXCAVATIONS ADJACENT TO SEATTLE CITY LIGHT POLES OR FACILITIES SHALL COMPLY WITH WAC296-155, PART N EXCAVATION, TRENCHING AND SHORING. POLE PROTECTION/SUPPORTING SYSTEMS USED WHILE EXCAVATING SHALL COMPLY WITH WAC 296-155-655, GENERAL PROTECTION REQUIREMENTS, ITEM (9) AND SHALL NOT AFFECT THE STRUCTURAL INTEGRITY OF POLES WHILE THE SYSTEMS ARE IN PLACE OR AFTER THE SYSTEMS HAVE BEEN REMOVED.
11. CONTRACTOR TO EXERCISE CARE WHILE WORKING NEAR ENERGIZED CABLES.
12. TREE PROTECTION FENCES AND MEASURE TO BE DETERMINE IN THE FIELD BASED ON ACTUAL TREE DRIPLINE AND CRITICAL ROOTZONE MEASUREMENT DURING TVSPP FIELD REVIEW.

ROADWAY NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

1. PAVEMENT, SIDEWALK AND CURB REMOVALS MUST EXTEND TO EXISTING JOINTS, TO LIMITS IDENTIFIED AS "SAWCUT" ON THE DRAWINGS, OR TO LIMITS DETERMINED BY THE ENGINEER. SEE SECTION 2-02.3.
2. ALL JOINTS AT THE MEET LINES OF NEW CONSTRUCTION AND EXISTING SURFACES MUST BE BUTT JOINTS. SEE SECTION 5-04.3(10)B.
3. LONGITUDINAL JOINTS MUST BE COORDINATED WITH THE CHANNELIZATION DRAWINGS. LONGITUDINAL JOINTS MUST BE AT A LANE LINE OR EDGE OF TRAVELED WAY UNLESS APPROVED OTHERWISE IN WRITING BY THE ENGINEER. SEE SECTION 5-05.3(8)E2.
4. PAVING AROUND INLETS AND CATCH BASINS MUST BE SLOPED TO ESTABLISH A DRAINAGE TRANSITION ZONE PER STANDARD PLAN 260A.
5. ALL NEWLY CONSTRUCTED PEDESTRIAN ACCESS ROUTES INCLUDING SIDEWALK AND CURB RAMPS MUST MEET CURRENT ADA GUIDELINES (PROWAG 2011) TO THE MAXIMUM EXTENT FEASIBLE.
6. WHERE THE DRAWINGS DENOTE "*MEF" FOR CURB RAMP ELEMENTS, THIS DESIGNATION IS FOR REFERENCE ONLY AND MUST BE FIELD VERIFIED BY THE ENGINEER. THE CONTRACTOR MUST NOTIFY THE ENGINEER PER SECTION 8-14.3(7) AND ALLOW THE ENGINEER THE OPPORTUNITY TO INSPECT THE CURB RAMP LAYOUT AND DIRECT ADJUSTMENTS AS NEEDED. EVERY EFFORT WILL BE MADE TO ACHIEVE AN ADA COMPLIANT RAMP.
7. CONTRACTOR MUST NOTIFY THE ENGINEER IF A CURB RAMP CANNOT BE CONSTRUCTED PER THE DRAWINGS, RESULTING IN NON-COMPLIANT SLOPES AND/OR DIMENSIONS. THE ENGINEER MUST APPROVE THE NEW CURB RAMP LAYOUT PRIOR TO INSTALLING THE CURB RAMP.
8. PEDESTRIAN ACCESS THROUGH THE PROJECT MUST BE MAINTAINED IN COMPLIANCE WITH SDOT 2018 TRAFFIC CONTROL MANUAL FOR IN-STREET WORK.
9. HMA SURFACE COURSE FOR ROADWAY MUST BE CLASS 1/2", PG64-22 FOR 10 MILLION ESAL'S. HMA BASE COURSE FOR ROADWAY MUST BE CLASS 1", PG 64-22 FOR 10 MILLION ESAL'S.
10. PRIOR TO SAWCUT AND REMOVAL FOR BASE REPAIR, THE CONTRACTOR MUST HAVE THE LIMITS VERIFIED BY THE ENGINEER. BASE REPAIR MAY BE DONE BEFORE PLANING. THE OWNER RESERVES THE RIGHT TO IDENTIFY ADDITIONAL AREAS OF BASE REPAIR AFTER PLANING.
11. IF AN EXISTING WATER VALVE BOX REQUIRES ADJUSTMENT, IT MUST BE DONE BY EXCAVATING THE CASTING AND VERTICALLY ADJUSTING THE TOP SECTION OF THE VALVE BOX. THE FLANGE MUST BE CAST IN TO SURROUNDING PAVEMENT AS SHOWN ON STD PLAN 315. DO NOT USE EXTENSION RINGS.
12. CONTRACTOR MUST ADJUST CASTINGS IN ACCORDANCE WITH SECTION 7-20. CASTINGS MUST BE ADJUSTED TO FINISH GRADE PRIOR TO CONSTRUCTION OF FINAL SURFACE COURSE PER SECTION 5-04.3(9)B. WORN OR BROKEN CASTINGS TO BE REPLACED MUST BE REPLACED PRIOR TO INSTALLATION OF THE FINAL SURFACE.

SIGNING & CHANNELIZATION NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

1. TO ORDER SDOT PROVIDED SIGNS, OR TO COORDINATE SDOT'S INSTALLATION OF SIGNS, SEE SECTION 8-21.3(1). ADVANCE NOTIFICATION IS REQUIRED. CONTACT SDOT SIGNS AND MARKING SHOP AT (206)233-7104.
2. FOR REQUIREMENTS ON LAYOUT AND VERIFICATION OF CHANNELIZATION FEATURES, SEE SECTION 8-22.3(1). ADVANCE NOTIFICATION IS REQUIRED. CONTACT CARTER DANNE AT (206)684-0817 FOR CHAN REVIEW.
3. FOR SIGNING AND STRIPING DETAILS NOT SHOWN IN THESE DRAWINGS, SEE 600 SERIES AND 700 SERIES STANDARD PLANS.
4. ANY PARKING OR LOADING RELATED SIGNS (FOR EXAMPLE R8-PAYG2V8, R8-PAYLGR, R8-CLZX(17), ETC.) SHOULD BE RELOCATED, REPLACED OR REINSTALLED BY SDOT PAYSTATION SHOP CREWS. COORDINATE ANY NEEDED RELOCATION, REPLACEMENT, OR REINSTALLATION OF THESE PARKING, LOADING, OR TIME LIMITED SIGNS WITH SDOT CURBSPACE MANAGEMENT'S KELLY HALL KELLY.HALL@SEATTLE.GOV 206-684-5370. THIS WORK SHALL BE REIMBURSED BY THE CONTRACTOR OR THE PROJECT.

DRAINAGE NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

1. FOR INLET CONNECTION BEND AND SLOPE RESTRICTIONS, SEE SECTION 7-08.3(5).
2. WHEN CONNECTING TO EXISTING SEWER AND DRAINAGE LINES, THE CONTRACTOR MUST VERIFY INVERT ELEVATIONS PRIOR TO CONSTRUCTION. DISCREPANCIES IN INVERT ELEVATIONS MUST BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. BEDDING FOR INLET CONNECTION AND CATCH BASIN CONNECTION PIPES MUST BE CLASS B. SEE STD PLAN 285.
4. ALL INLET AND CATCH BASIN PIPE RECONNECTION MUST BE MISSION FLEX-SEAL ARC (WWW.MISSIONRUBBER.COM) OR APPROVED EQUAL. SEE SECTIONS 7-09.3(5) AND 7-08.5.
5. SEATTLE PUBLIC UTILITIES (SPU) APPROVAL IS REQUIRED FOR ALL PROPOSED NEW CATCH BASINS, INLETS AND PIPES PRIOR TO FINAL SURFACE RESTORATION. CONTACT THE ENGINEER, 48 HOURS IN ADVANCE.
6. DUCTILE IRON PIPE MUST BE ANSI A21.51 CLASS 50 WITH PUSH-ON JOINTS. FITTINGS FOR DUCTILE IRON PIPE SHALL BE PER ANSI A21.10 OR ANSI A21.53 WITH PUSH-ON JOINTS. GLANDS ON MECHANICAL JOINT PIPE AND FITTINGS MUST BE DUCTILE.

STORMWATER POLLUTION PREVENTION NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

1. THE CONTRACTOR MUST PREPARE A CONSTRUCTION STORMWATER AND EROSION CONTROL PLAN (CSECP), A TREE, VEGETATION AND SOIL PROTECTION PLAN (TVSPP) AND A SPILL PLAN (SP) FOR APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION. SEE SECTIONS 1-07.15 AND 8-01.

MADE	CHK'D	REV'D
NATURE	REVISIONS	
DATE	MARK	
VAULT SERIAL NO.	37816	

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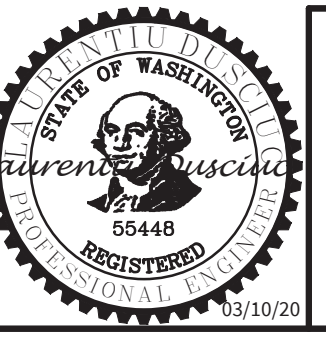


PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

BY:
PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	CHECKED	REVIEWED:	CONST.
DRAWN	CHECKED	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. 125724 FW NO. 2019-084
SCALE: NONE

**VISION ZERO
12TH AVE S**

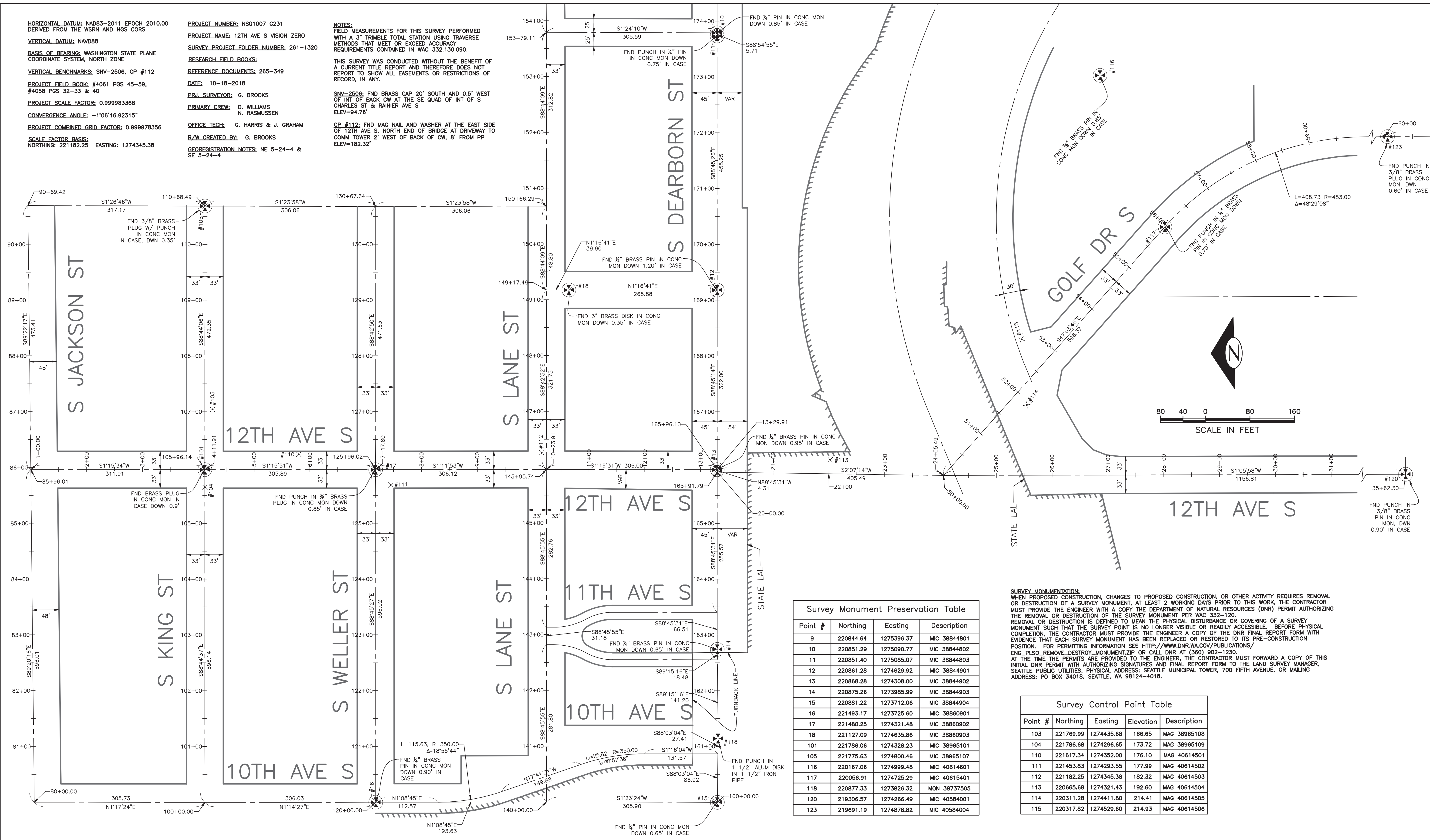
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CO	TRC0813
VPI #	790-946
NT1	
SHEET	2 OF 34

NOTES

HORIZONTAL DATUM: NAD83-2011 EPOCH 2010.00
 DERIVED FROM THE WSRN AND NGS CORS
 VERTICAL DATUM: NAVD88
 BASIS OF BEARING: WASHINGTON STATE PLANE
 COORDINATE SYSTEM, NORTH ZONE
 VERTICAL BENCHMARKS: SNV-2506, CP #112
 PROJECT FIELD BOOK: #4061 PGS 45-59,
 #4058 PGS 32-33 & 40
 PROJECT SCALE FACTOR: 0.999983368
 CONVERGENCE ANGLE: -1'06"16.92315"
 PROJECT COMBINED GRID FACTOR: 0.999978356
 SCALE FACTOR BASIS:
 NORTHING: 221182.25 EASTING: 1274345.38

PROJECT NUMBER: NS01007 G231
 PROJECT NAME: 12TH AVE S VISION ZERO
 SURVEY PROJECT FOLDER NUMBER: 261-1320
 RESEARCH FIELD BOOKS:
 REFERENCE DOCUMENTS: 265-349
 DATE: 10-18-2018
 PRJ. SURVEYOR: G. BROOKS
 PRIMARY CREW: D. WILLIAMS
 N. RASMUSSEN
 OFFICE TECH: G. HARRIS & J. GRAHAM
 R/W CREATED BY: G. BROOKS
 GEOREGISTRATION NOTES: NE 5-24-4 &
 SE 5-24-4

NOTES:
 FIELD MEASUREMENTS FOR THIS SURVEY PERFORMED
 WITH A 3" TRIMBLE TOTAL STATION USING TRAVERSE
 METHODS THAT MEET OR EXCEED ACCURACY
 REQUIREMENTS CONTAINED IN WAC 332.130.090.
 THIS SURVEY WAS CONDUCTED WITHOUT THE BENEFIT OF
 A CURRENT TITLE REPORT AND THEREFORE DOES NOT
 REPORT TO SHOW ALL EASEMENTS OR RESTRICTIONS OF
 RECORD, IN ANY.
 SNV-2506: FND BRASS CAP 20' SOUTH AND 0.5' WEST
 OF INT. OF BACK CW AT THE SE QUAD OF INT OF S
 CHARLES ST & RAINIER AVE S
 ELEV=94.76'
 CP #112: FND MAG NAIL AND WASHER AT THE EAST SIDE
 OF 12TH AVE S, NORTH END OF BRIDGE AT DRIVEWAY TO
 COMM TOWER 2' WEST OF BACK OF CW, 8' FROM PP
 ELEV=182.32'



Point #	Northing	Easting	Description
9	220844.64	1275396.37	MIC 38844801
10	220851.29	1275090.77	MIC 38844802
11	220851.40	1275085.07	MIC 38844803
12	220861.28	1274629.92	MIC 38844901
13	220868.28	1274308.00	MIC 38844902
14	220875.26	1273985.99	MIC 38844903
15	220881.22	1273712.06	MIC 38844904
16	221493.17	1273725.60	MIC 38860901
17	221480.25	1274321.48	MIC 38860902
18	221127.09	1274635.86	MIC 38860903
101	221786.06	1274328.23	MIC 38965101
105	221775.63	1274800.46	MIC 38965107
116	220167.06	1274999.48	MIC 40614601
117	220056.91	1274725.29	MIC 40615401
118	220877.33	1273826.32	MON 38737505
120	219306.57	1274266.49	MIC 40584001
123	219691.19	1274878.82	MIC 40584004

SURVEY MONUMENTATION:
 WHEN PROPOSED CONSTRUCTION, CHANGES TO PROPOSED CONSTRUCTION, OR OTHER ACTIVITY REQUIRES REMOVAL
 OR DESTRUCTION OF A SURVEY MONUMENT, AT LEAST 2 WORKING DAYS PRIOR TO THIS WORK, THE CONTRACTOR
 MUST PROVIDE THE ENGINEER WITH A COPY THE DEPARTMENT OF NATURAL RESOURCES (DNR) PERMIT AUTHORIZING
 THE REMOVAL OR DESTRUCTION OF THE SURVEY MONUMENT PER WAC 332-120.
 REMOVAL OR DESTRUCTION IS DEFINED TO MEAN THE PHYSICAL DISTURBANCE OR COVERING OF A SURVEY
 MONUMENT SUCH THAT THE SURVEY POINT IS NO LONGER VISIBLE OR READILY ACCESSIBLE. BEFORE PHYSICAL
 COMPLETION, THE CONTRACTOR MUST PROVIDE THE ENGINEER A COPY OF THE DNR FINAL REPORT FORM WITH
 EVIDENCE THAT EACH SURVEY MONUMENT HAS BEEN REPLACED OR RESTORED TO ITS PRE-CONSTRUCTION
 POSITION. FOR PERMITTING INFORMATION SEE [HTTP://WWW.DNR.WA.GOV/PUBLICATIONS/
 ENG_PLISO_REMOVE_DESTROY_MONUMENT_ZIP](http://www.dnr.wa.gov/publications/ENG_PLISO_REMOVE_DESTROY_MONUMENT_ZIP) OR CALL DNR AT (360) 902-1230.
 AT THE TIME THE PERMITS ARE PROVIDED TO THE ENGINEER, THE CONTRACTOR MUST FORWARD A COPY OF THIS
 INITIAL DNR PERMIT WITH AUTHORIZING SIGNATURES AND FINAL REPORT FORM TO THE LAND SURVEY MANAGER,
 SEATTLE PUBLIC UTILITIES, PHYSICAL ADDRESS: SEATTLE MUNICIPAL TOWER, 700 FIFTH AVENUE, OR MAILING
 ADDRESS: PO BOX 34018, SEATTLE, WA 98124-4018.

Point #	Northing	Easting	Elevation	Description
103	221769.99	1274435.68	166.65	MAG 38965108
104	221786.68	1274296.65	173.72	MAG 38965109
110	221617.34	1274352.00	176.10	MAG 40614501
111	221453.83	1274293.55	177.99	MAG 40614502
112	221182.25	1274345.38	182.32	MAG 40614503
113	220665.68	1274321.43	192.60	MAG 40614504
114	220311.28	1274411.80	214.41	MAG 40614505
115	220317.82	1274529.60	214.93	MAG 40614506

DATE	MARK	NATURE	MADE CHKD REVD
3/7/16			

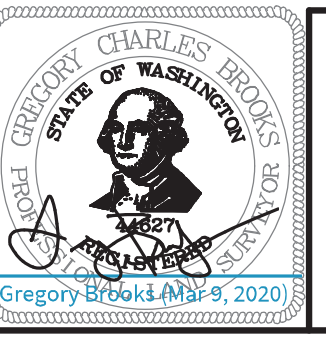
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PW#2019-084

APPROVED FOR ADVERTISING
 LIZ ALZEER
 DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
 SEATTLE, WASHINGTON 20
 BY:
 PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	CHECKED	REVIEWED:	DES.
DRAWN	CHECKED	SDOT	CONST.
		RECEIVED	PROJ. MGR.
		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 0-2-3 OF THE PROJECT MANUAL.

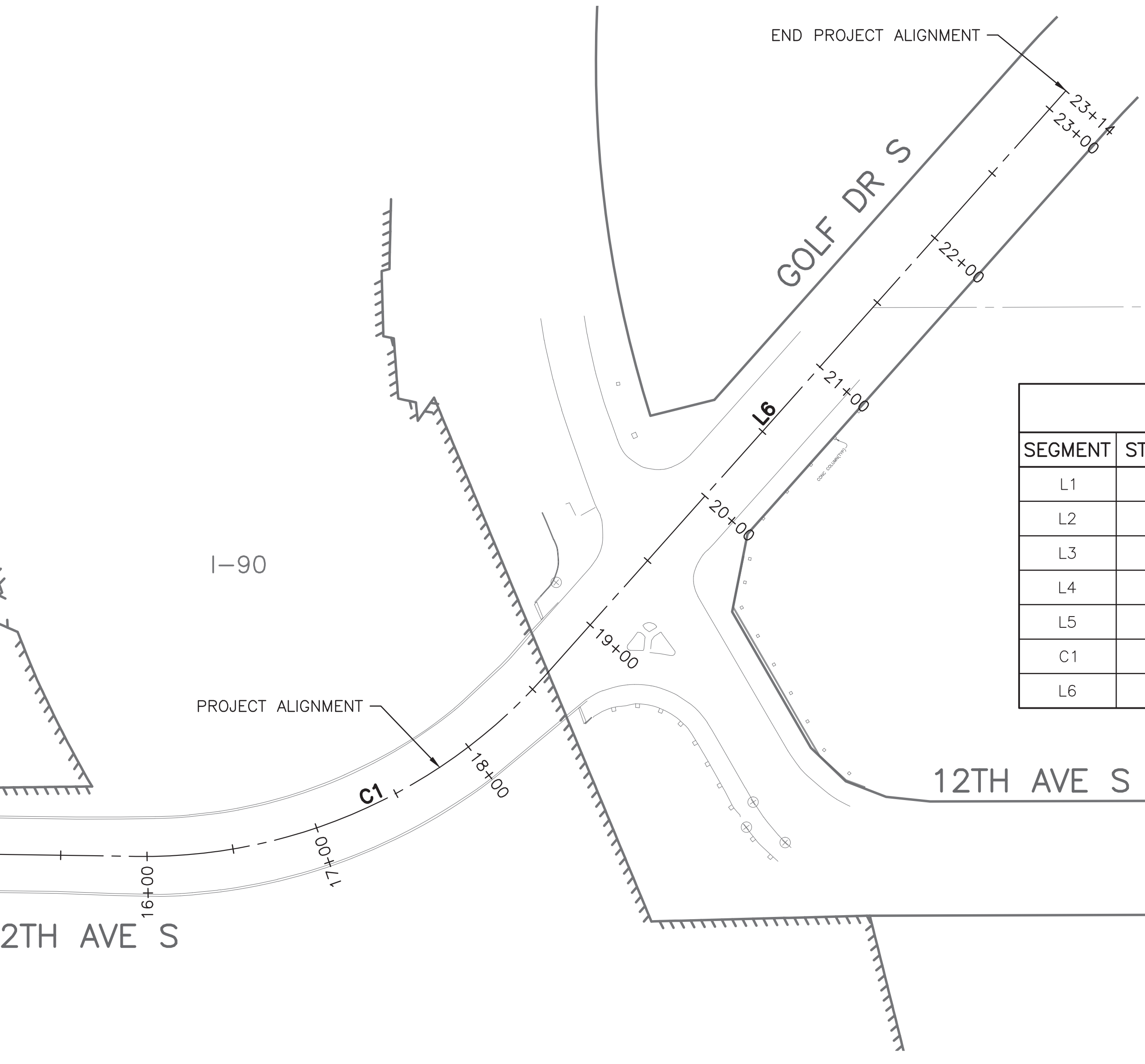
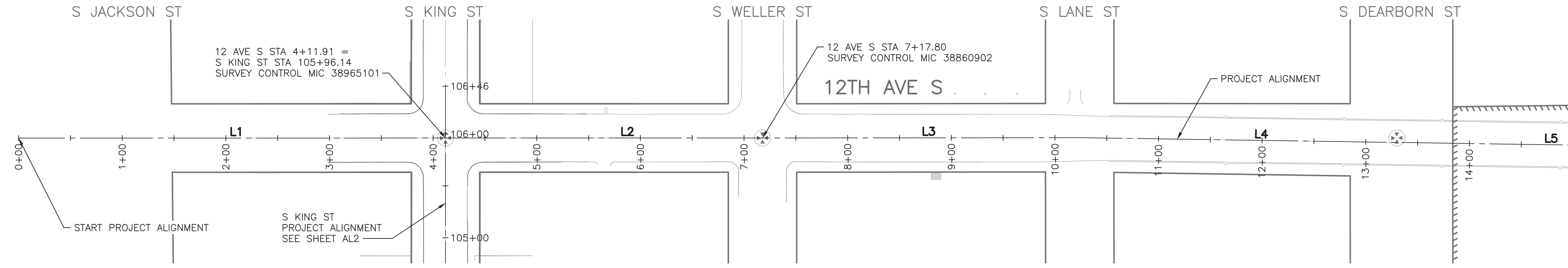


Seattle
 Department of
 Transportation
 ORDINANCE NO. 125724 PW NO. 2019-084
 SCALE: 1"=80'

VISION ZERO
 12TH AVE S

CONTROL PLAN
 PC TRC0813
 CO TRC0813
 VPI # 790-946
 SV1
 SHEET 3 OF 34

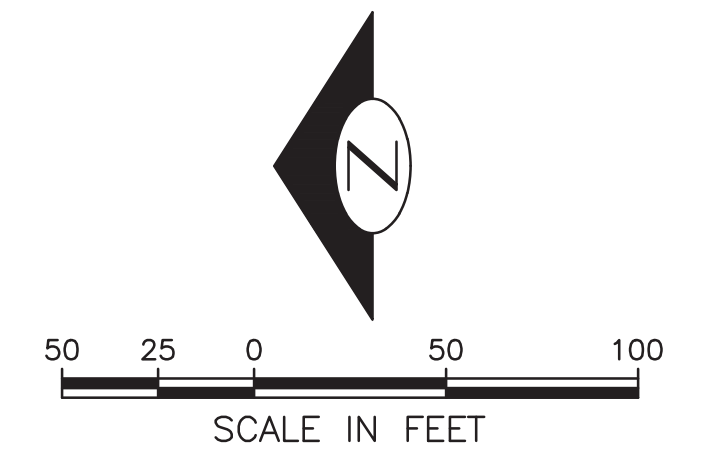
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PROJECT ALIGNMENT DATA

C-ALIN 12TH AVE S

SEGMENT	START STATION	END STATION	BEARING	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	DELTA	RADIUS	TANGENT	LENGTH
L1	0+00.00	4+11.91	S01° 15' 17.94"W	222197.87	1274337.25	221786.06	1274328.23			S01° 15' 17.94"W	411.91
L2	4+11.91	7+17.80	S01° 15' 51.34"W	221786.06	1274328.23	221480.25	1274321.48			S01° 15' 51.34"W	305.89
L3	7+17.80	10+23.91	S01° 11' 53.43"W	221480.25	1274321.48	221174.20	1274315.08			S01° 11' 53.43"W	306.12
L4	10+23.91	15+93.55	S02° 07' 31.96"W	221174.20	1274315.08	220604.95	1274293.95			S02° 07' 31.96"W	569.64
L5	10+23.91	15+93.55	S02° 07' 31.96"W	221174.20	1274315.08	220604.95	1274293.95			S02° 07' 31.96"W	569.64
C1	15+93.55	18+59.68		220604.95	1274293.95	220366.50	1274392.56	049°11'18"	310.000	S22° 28' 06.82"E	266.13
L6	18+59.68	23+14.17	S47° 03' 45.61"E	220366.50	1274392.56	220056.91	1274725.29			S47° 03' 45.61"E	454.48

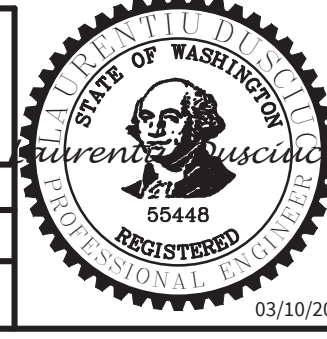


ALIGNMENT
12TH AVE S

PW#2019-084

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LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

DESIGNED CHECKED	INITIALS AND DATE	REVIEWED: DES. SDOT	INITIALS AND DATE
DRAWN CHECKED	RECEIVED	CONST. PROJ. MGR.	
BY: PURCHASING AND CONTRACTING DIRECTOR		REVISED AS BUILT	



Seattle Department of Transportation
ORDINANCE NO. 125724 FW NO. 2019-084
SCALE: 1"=50'

**VISION ZERO
12TH AVE S**

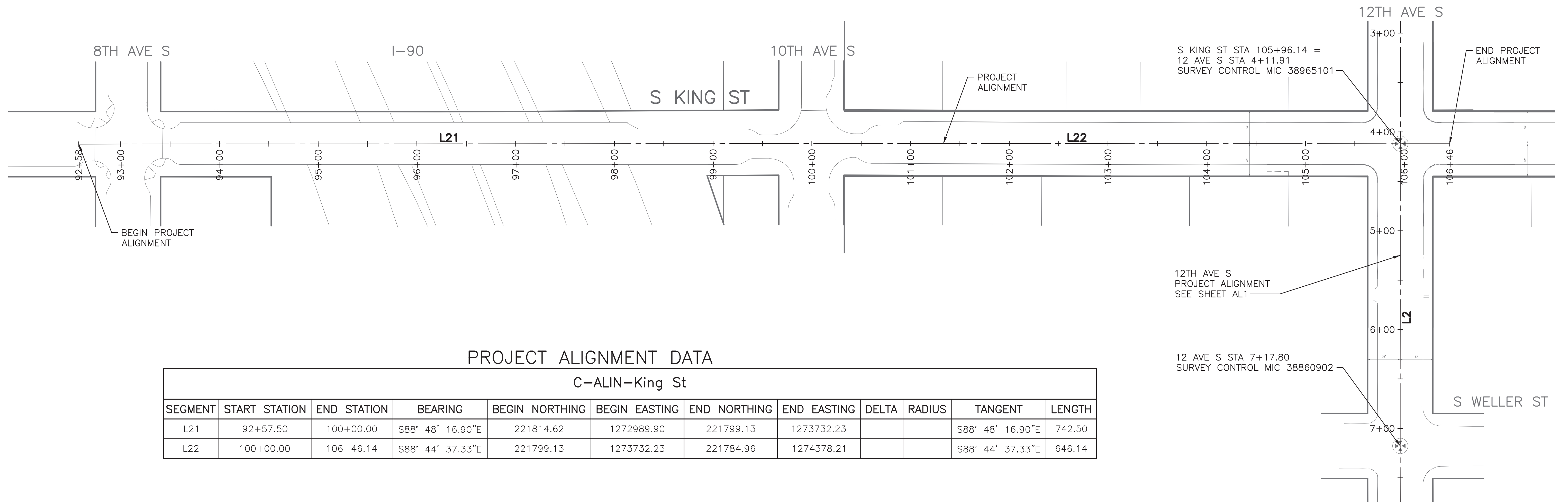
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CO	TRC0813
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SHEET	4 OF 34

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
37816						

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VAULT SERIAL NO. 37816
 DATE MARK NATURE REVISIONS MADE CHK'D REVD



PROJECT ALIGNMENT DATA

C-ALIN-King St

SEGMENT	START STATION	END STATION	BEARING	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	DELTA	RADIUS	TANGENT	LENGTH
L21	92+57.50	100+00.00	S88° 48' 16.90"E	221814.62	1272989.90	221799.13	1273732.23			S88° 48' 16.90"E	742.50
L22	100+00.00	106+46.14	S88° 44' 37.33"E	221799.13	1273732.23	221784.96	1274378.21			S88° 44' 37.33"E	646.14

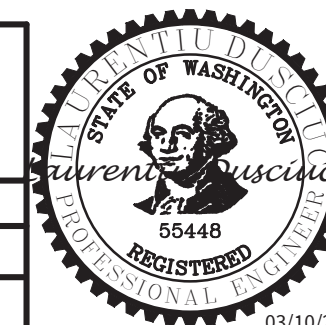


ALIGNMENT
S KING ST

PW#2019-084

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 DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
 SEATTLE, WASHINGTON 20
 BY:
 PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE	INITIALS AND DATE
DESIGNED	REVIEWED:
CHECKED	DES. CONST.
	SDOT PROJ. MGR.
DRAWN	RECEIVED
CHECKED	REVISED AS BUILT
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Seattle Department of Transportation
 ORDINANCE NO. 125724 FW NO. 2019-084
 SCALE: 1"=50'

**VISION ZERO
12TH AVE S**

JOB	FC TRC0813
	CO TRC0813
	VPI # 790-946
	AL2
SHEET	5 OF 34

S KING ST

SITE PREPARATION NOTES:

- ① ADJUST EXISTING MH, CB OR VC. SEE SECTION 7-20.3(1)
- ② ADJUST EXISTING UTILITY BOX
- ③ ADJUST EXISTING VAULT
- ④ REMOVE AND RELOCATE FIRE HYDRANT AND VALVE (BY SPU). SEE SHEET PVI.
- ⑤ SEE SIGNAL PLANS FOR DETECTION LOOP REPLACEMENT AND REMOVALS.
- ⑥ REMOVE INLET AND CONNECTION PIPE (INCIDENTAL TO REMOVE PAVEMENT)
- ⑦ REMOVE CB
- ⑧ REMOVE BOLLARD
- ⑨ ADJUST HANDHOLE
- ⑩ REPLACE 20 1/4" SEWER MH COVER. SEE SECTION 7-20.3(7).
- ⑪ REPLACE 20 1/4" WATER VALVE CHAMBER COVER. SEE SECTION 7-20.3(7).

GENERAL NOTES:

- 1. PROTECT EXISTING UTILITIES UNLESS OTHERWISE NOTED. SEE SECTION 1-07.17.
- 2. INSTALL INLET PROTECTION ON ALL NEW AND EXISTING INLETS AND CATCH BASINS UNLESS OTHERWISE SPECIFIED. SEE SECTION 8-01.3(12)B.

LEGEND:

- REMOVE PAVEMENT
- REMOVE SIDEWALK
- REMOVE ASPH OVERLAY
- CLEAR AND GRUB, AND COMMON EX.
- REMOVE CURB
- SAWCUT FULL DEPTH (PAVEMENT OR SIDEWALK)
- SAWCUT OVERLAY

S WELLER ST

12TH AVE S

67' VIBRATION MONITORING

48' VIBRATION MONITORING

REMOVE BUS SHELTER FOOTING (SHELTER AND TRASH CAN TO BE REMOVED BY KING COUNTY METRO)

APPROXIMATE LOCATION OF TROLLEY LINES. SEE GENERAL NOTE 9 ON NT1.

66' VIBRATION MONITORING



SCALE IN FEET

SITE PREPARATION

VAULT SERIAL NO.	DATE	MARK	NATURE	REVISIONS
37816				MADE CHK'D REVD

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Mar-06-20 11:53am

PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	CHECKED	REVIEWED:	CONST.
		SDOT	PROJ. MGR.
DRAWN	CHECKED	RECEIVED	
		REVISED AS BUILT	
BY: PURCHASING AND CONTRACTING DIRECTOR			










Seattle
Department of
Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: 1"=20'

VISION ZERO
12TH AVE S

PC	TRC0813
CO	TRC0813
VPI #	790-946
SP1	
SHEET	6 OF 34

MATCHLINE STA 9+00 SEE DRAWING SP2

LEGEND:

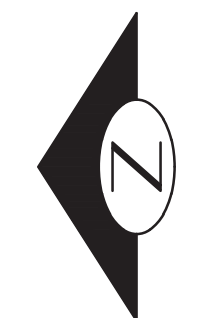
-  REMOVE PAVEMENT
-  REMOVE SIDEWALK
-  REMOVE ASPH OVERLAY
-  CLEAR AND GRUB, AND COMMON EX.
-  REMOVE CURB
-  SAWCUT FULL DEPTH (PAVEMENT OR SIDEWALK)
-  SAWCUT OVERLAY

SITE PREPARATION NOTES:

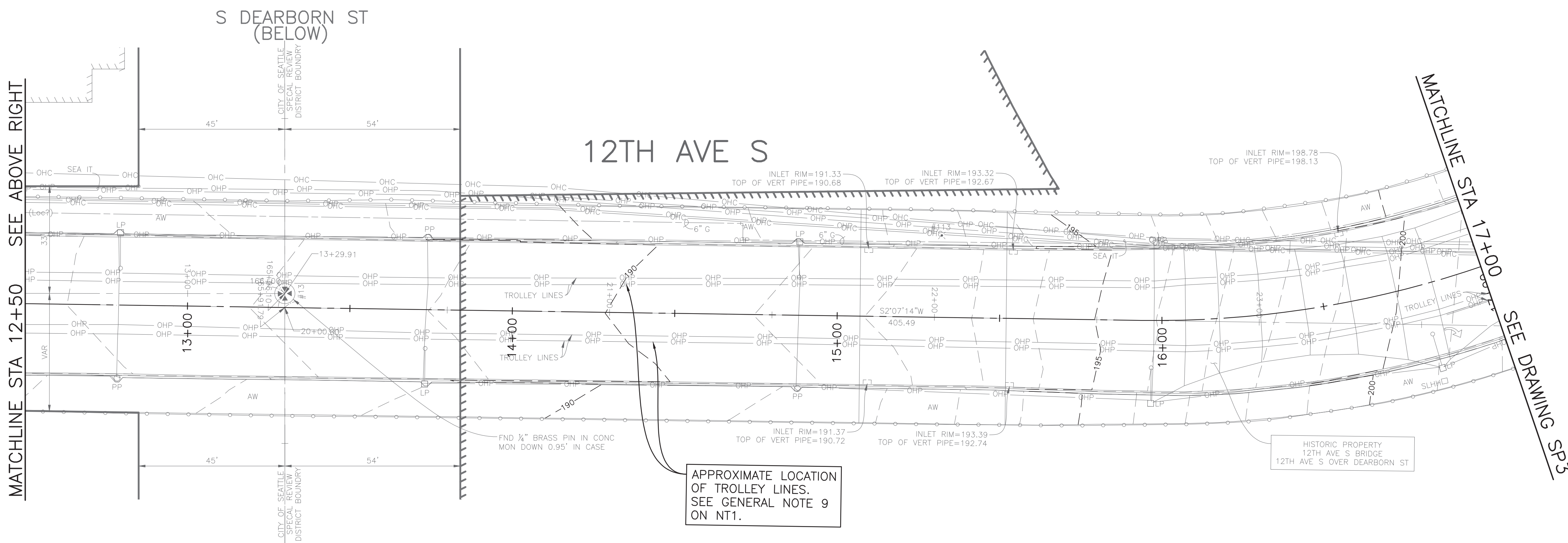
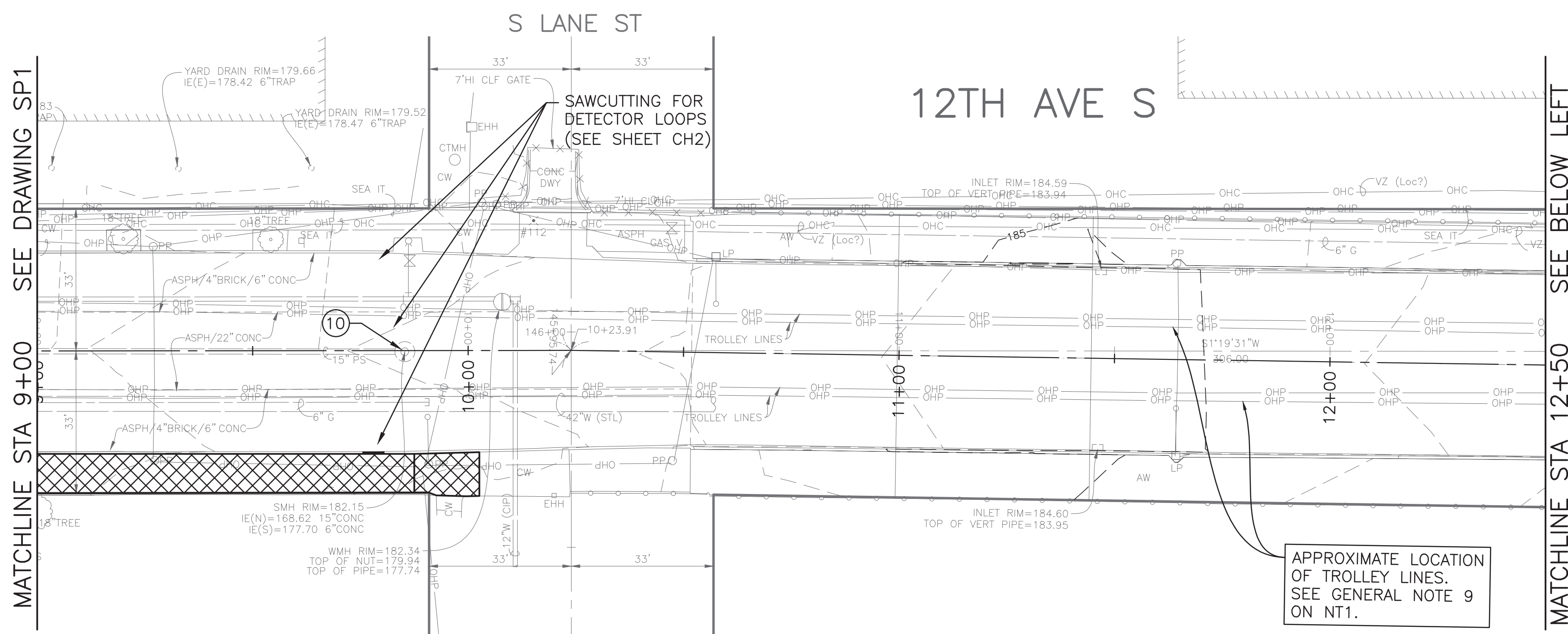
- ① ADJUST EXISTING MH, CB OR VC. SEE SECTION 7-20.3(1)
- ② ADJUST EXISTING UTILITY BOX
- ③ ADJUST EXISTING VAULT
- ④ REMOVE AND RELOCATE FIRE HYDRANT AND VALVE (BY SPU). SEE SHEET PV1.
- ⑤ SEE SIGNAL PLANS FOR DETECTION LOOP REPLACEMENT AND REMOVALS.
- ⑥ REMOVE INLET AND CONNECTION PIPE (INCIDENTAL TO REMOVE PAVEMENT)
- ⑦ REMOVE CB
- ⑧ REMOVE BOLLARD
- ⑨ ADJUST HANDHOLE
- ⑩ REPLACE 20 1/4" SEWER MH COVER. SEE SECTION 7-20.3(7).
- ⑪ REPLACE 20 1/4" WATER VALVE CHAMBER COVER. SEE SECTION 7-20.3(7).

GENERAL NOTES:

1. PROTECT EXISTING UTILITIES UNLESS OTHERWISE NOTED. SEE SECTION 1-07.17.
2. INSTALL INLET PROTECTION ON ALL NEW AND EXISTING INLETS AND CATCH BASINS UNLESS OTHERWISE SPECIFIED. SEE SECTION 8-01.3(12)B.



SITE PREPARATION



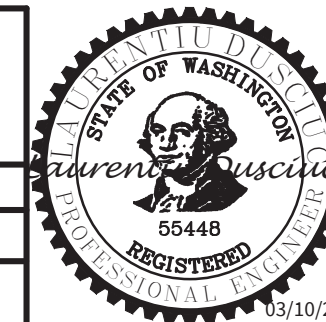
VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
37816						

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Mar-06-20 11:53am

PW#2019-084

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DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	CHECKED	REVIEWED:	CONST.
DRAWN	CHECKED	RECEIVED	PROJ. MGR.
BY: PURCHASING AND CONTRACTING DIRECTOR		REVISED AS BUILT	




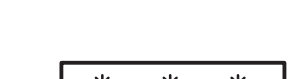

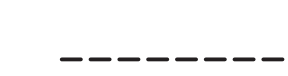



Seattle Department of Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: 1"=20'

**VISION ZERO
12TH AVE S**

PC	TRC0813
CO	TRC0813
VPI #	790-946
SP2	
SHEET	7 OF 34

LEGEND:

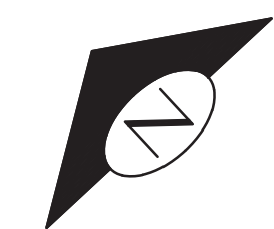
-  REMOVE PAVEMENT
-  REMOVE SIDEWALK
-  REMOVE ASPH OVERLAY
-  CLEAR AND GRUB, AND COMMON EX.
-  REMOVE CURB
-  SAWCUT FULL DEPTH (PAVEMENT OR SIDEWALK)
-  SAWCUT OVERLAY

SITE PREPARATION NOTES:

- ① ADJUST EXISTING MH, CB OR VC. SEE SECTION 7-20.3(1)
- ② ADJUST EXISTING UTILITY BOX
- ③ ADJUST EXISTING VAULT
- ④ REMOVE AND RELOCATE FIRE HYDRANT AND VALVE (BY SPU). SEE SHEET PV1.
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- ⑦ REMOVE CB
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- ⑨ ADJUST HANDHOLE
- ⑩ REPLACE 20 1/4" SEWER MH COVER. SEE SECTION 7-20.3(7).
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GENERAL NOTES:

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2. INSTALL INLET PROTECTION ON ALL NEW AND EXISTING INLETS AND CATCH BASINS UNLESS OTHERWISE SPECIFIED. SEE SECTION 8-01.3(12)B.



MATCHLINE STA 17+00 SEE DRAWING SP2

12TH AVE S

GOLF DR S

STATE LAL

APPROXIMATE LOCATION OF TROLLEY LINES, SEE GENERAL NOTE 9 ON NT1.

REMOVE EXISTING CURB ISLANDS AND ASPHALT

HISTORIC PROPERTY U.S. MARINE HOSPITAL 1131 14TH AVE S

HISTORIC PROPERTY 12TH AVE S BRIDGE 12TH AVE S OVER DEARBORN ST

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
37816			REVISIONS			

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Mar-06-20 11:54am

PW#2019-084

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DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

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DESIGNED	CHECKED	REVIEWED:	CONST.
		SDOT	PROJ. MGR.
DRAWN	CHECKED	RECEIVED	REVISED AS BUILT

BY: PURCHASING AND CONTRACTING 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.



Seattle Department of Transportation
ORDINANCE NO. 125724 FW NO. 2019-084
SCALE: 1"=20'

**VISION ZERO
12TH AVE S**

SITE PREPARATION

PC	TRC0813
CO	TRC0813
VPI #	790-946
SP3	
SHEET	8 OF 34

S KING ST

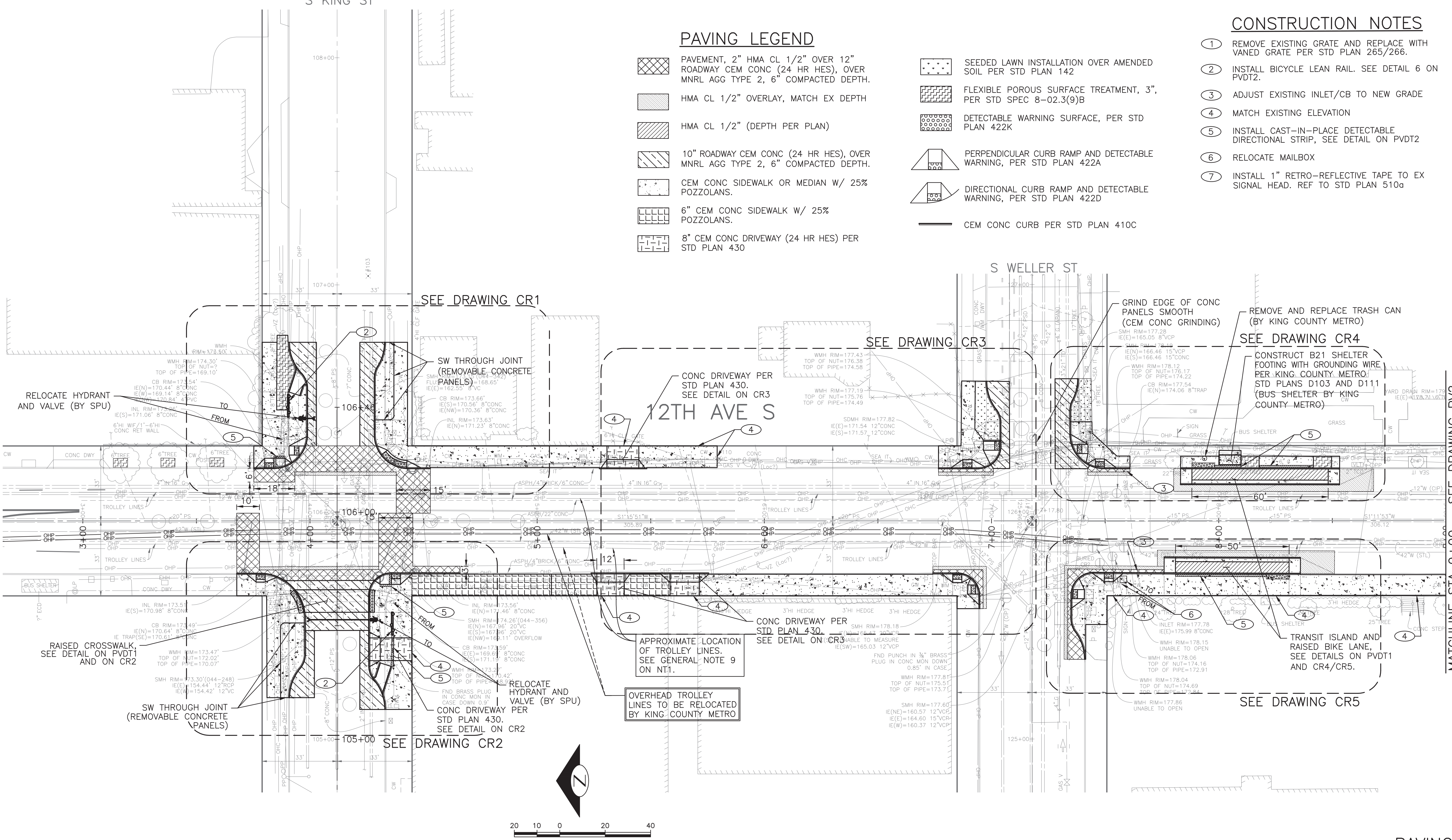
PAVING LEGEND

- PAVEMENT, 2" HMA CL 1/2" OVER 12" ROADWAY CEM CONC (24 HR HES), OVER MNRL AGG TYPE 2, 6" COMPACTED DEPTH.
- HMA CL 1/2" OVERLAY, MATCH EX DEPTH
- HMA CL 1/2" (DEPTH PER PLAN)
- 10" ROADWAY CEM CONC (24 HR HES), OVER MNRL AGG TYPE 2, 6" COMPACTED DEPTH.
- CEM CONC SIDEWALK OR MEDIAN W/ 25% POZZOLANS.
- 6" CEM CONC SIDEWALK W/ 25% POZZOLANS.
- 8" CEM CONC DRIVEWAY (24 HR HES) PER STD PLAN 430

- SEEDED LAWN INSTALLATION OVER AMENDED SOIL PER STD PLAN 142
- FLEXIBLE POROUS SURFACE TREATMENT, 3", PER STD SPEC 8-02.3(9)B
- DETECTABLE WARNING SURFACE, PER STD PLAN 422K
- PERPENDICULAR CURB RAMP AND DETECTABLE WARNING, PER STD PLAN 422A
- DIRECTIONAL CURB RAMP AND DETECTABLE WARNING, PER STD PLAN 422D
- CEM CONC CURB PER STD PLAN 410C

CONSTRUCTION NOTES

- 1 REMOVE EXISTING GRATE AND REPLACE WITH VANED GRATE PER STD PLAN 265/266.
- 2 INSTALL BICYCLE LEAN RAIL. SEE DETAIL 6 ON PVDT2.
- 3 ADJUST EXISTING INLET/CB TO NEW GRADE
- 4 MATCH EXISTING ELEVATION
- 5 INSTALL CAST-IN-PLACE DETECTABLE DIRECTIONAL STRIP, SEE DETAIL ON PVDT2
- 6 RELOCATE MAILBOX
- 7 INSTALL 1" RETRO-REFLECTIVE TAPE TO EX SIGNAL HEAD. REF TO STD PLAN 510a



VAULT SERIAL NO.	DATE	MARK	NATURE	REVISIONS	MADE	CHK'D	REV'D
37816							

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DRAWN	CHECKED	RECEIVED	
		REVISED AS BUILT	



Seattle
Department of
Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: 1"=20'

VISION ZERO
12TH AVE S

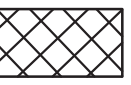
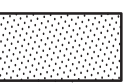
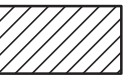
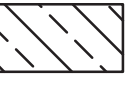
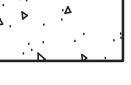

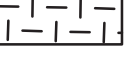
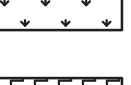
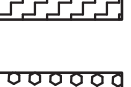
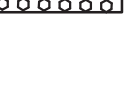
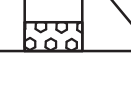


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CO	TRC0813
VPI #	790-946
PV1	
SHEET	9 OF 34

MATCHLINE STA 9+00 SEE DRAWING PV2

PAVING

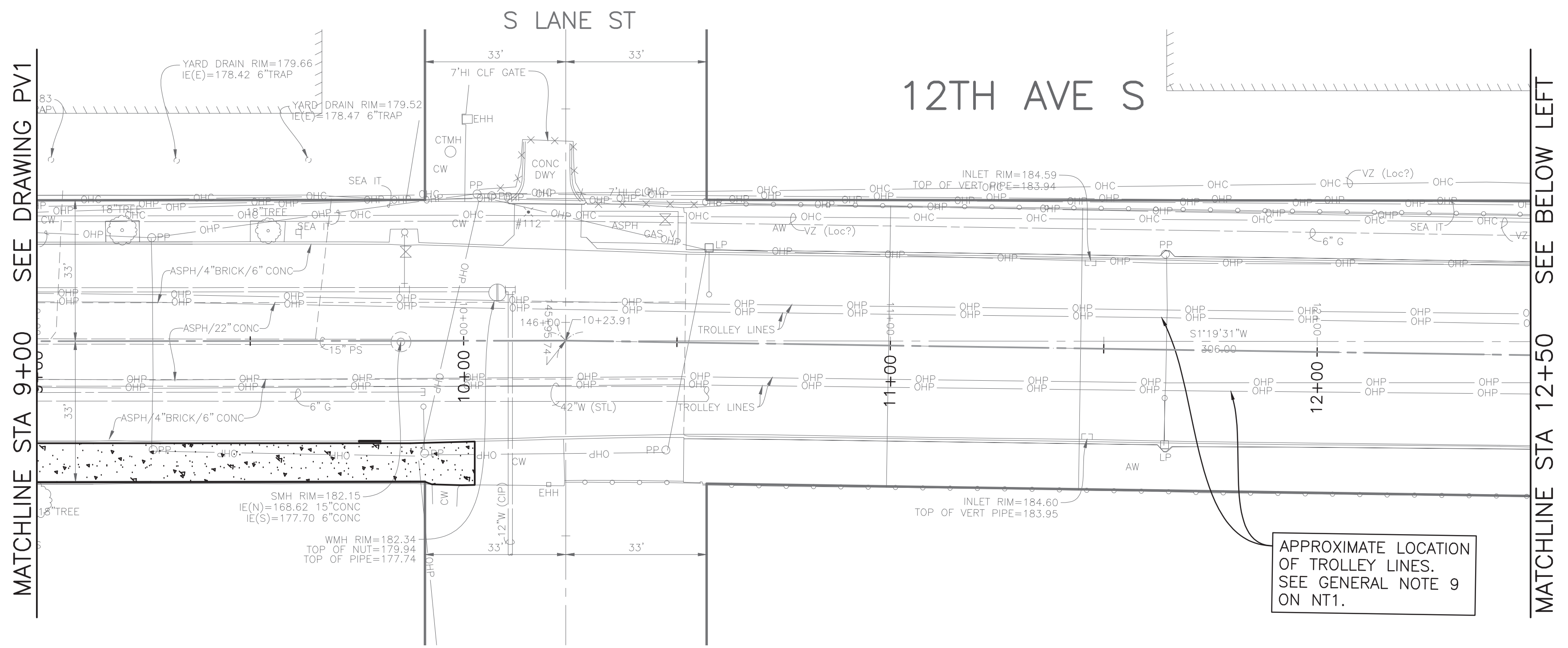
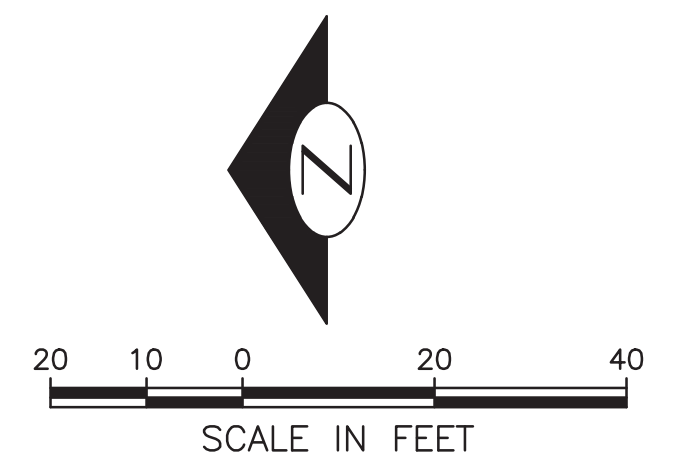
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PAVING LEGEND

-  PAVEMENT, 2" HMA CL 1/2" OVER 12" ROADWAY CEM CONC (24 HR HES), OVER MNRL AGG TYPE 2, 6" COMPACTED DEPTH.
-  HMA CL 1/2" OVERLAY, MATCH EX DEPTH
-  HMA CL 1/2" (DEPTH PER PLAN)
-  10" ROADWAY CEM CONC (24 HR HES), OVER MNRL AGG TYPE 2, 6" COMPACTED DEPTH.
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-  8" CEM CONC DRIVEWAY (24 HR HES) PER STD PLAN 430
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-  DIRECTIONAL CURB RAMP AND DETECTABLE WARNING, PER STD PLAN 422D
-  CEM CONC CURB PER STD PLAN 410C

CONSTRUCTION NOTES

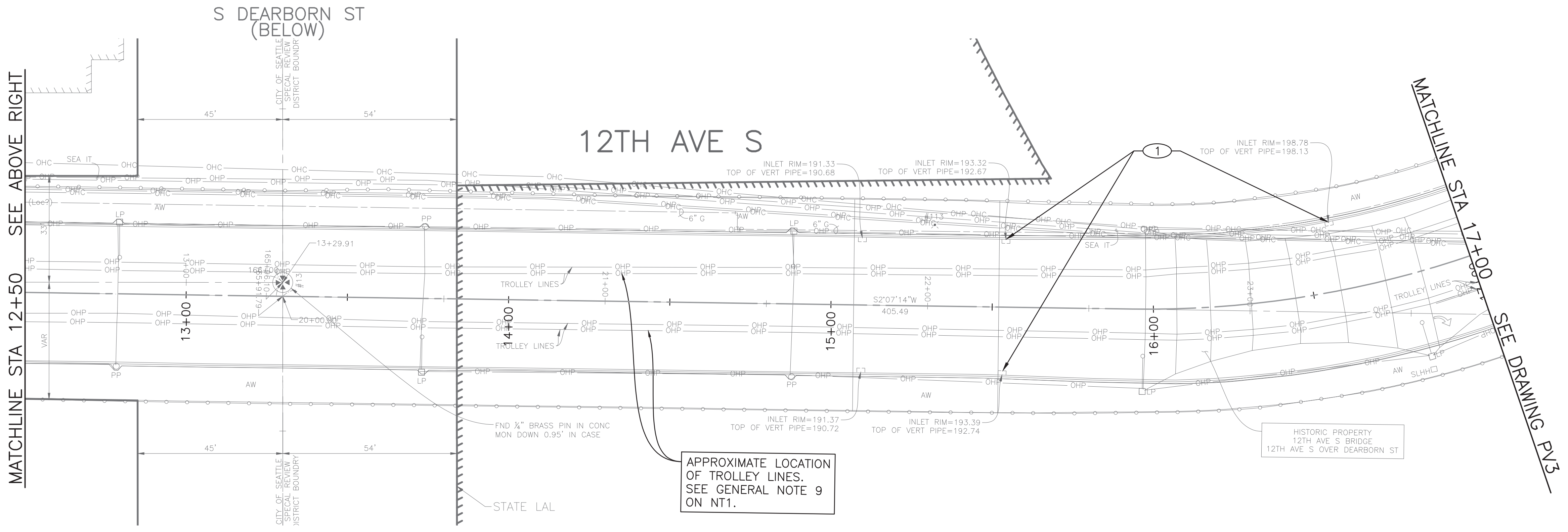
- 1 REMOVE EXISTING GRATE AND REPLACE WITH VANED GRATE PER STD PLAN 265/266.
- 2 INSTALL BICYCLE LEAN RAIL. SEE DETAIL 6 ON PVD2.
- 3 ADJUST EXISTING INLET/CB TO NEW GRADE
- 4 MATCH EXISTING ELEVATION
- 5 INSTALL CAST-IN-PLACE DETECTABLE DIRECTIONAL STRIP, SEE DETAIL ON PVD2
- 6 RELOCATE MAILBOX
- 7 INSTALL 1" RETRO-REFLECTIVE TAPE TO EX SIGNAL HEAD. REF TO STD PLAN 510a



MATCHLINE STA 9+00 SEE DRAWING PV1

MATCHLINE STA 12+50 SEE BELOW LEFT

APPROXIMATE LOCATION OF TROLLEY LINES. SEE GENERAL NOTE 9 ON NT1.



MATCHLINE STA 12+50 SEE ABOVE RIGHT

MATCHLINE STA 17+00 SEE DRAWING PV3

APPROXIMATE LOCATION OF TROLLEY LINES. SEE GENERAL NOTE 9 ON NT1.

HISTORIC PROPERTY
12TH AVE S BRIDGE
12TH AVE S OVER DEARBORN ST

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
37816						

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PW#2019-084

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DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

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DESIGNED	CHECKED	REVIEWED:	CONST.
		SDOT	PROJ. MGR.
DRAWN	CHECKED	RECEIVED	
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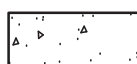

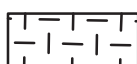








Seattle
Department of
Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: 1"=20'

VISION ZERO
12TH AVE S

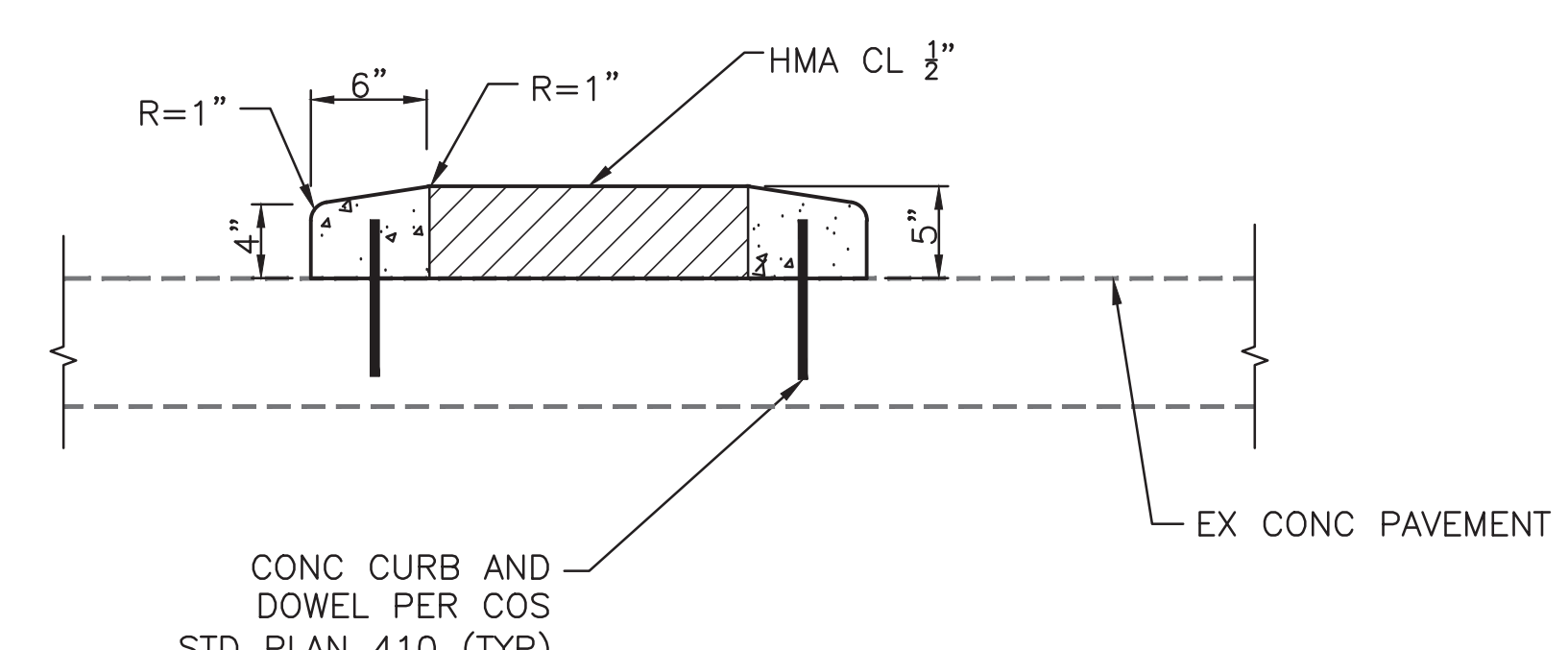
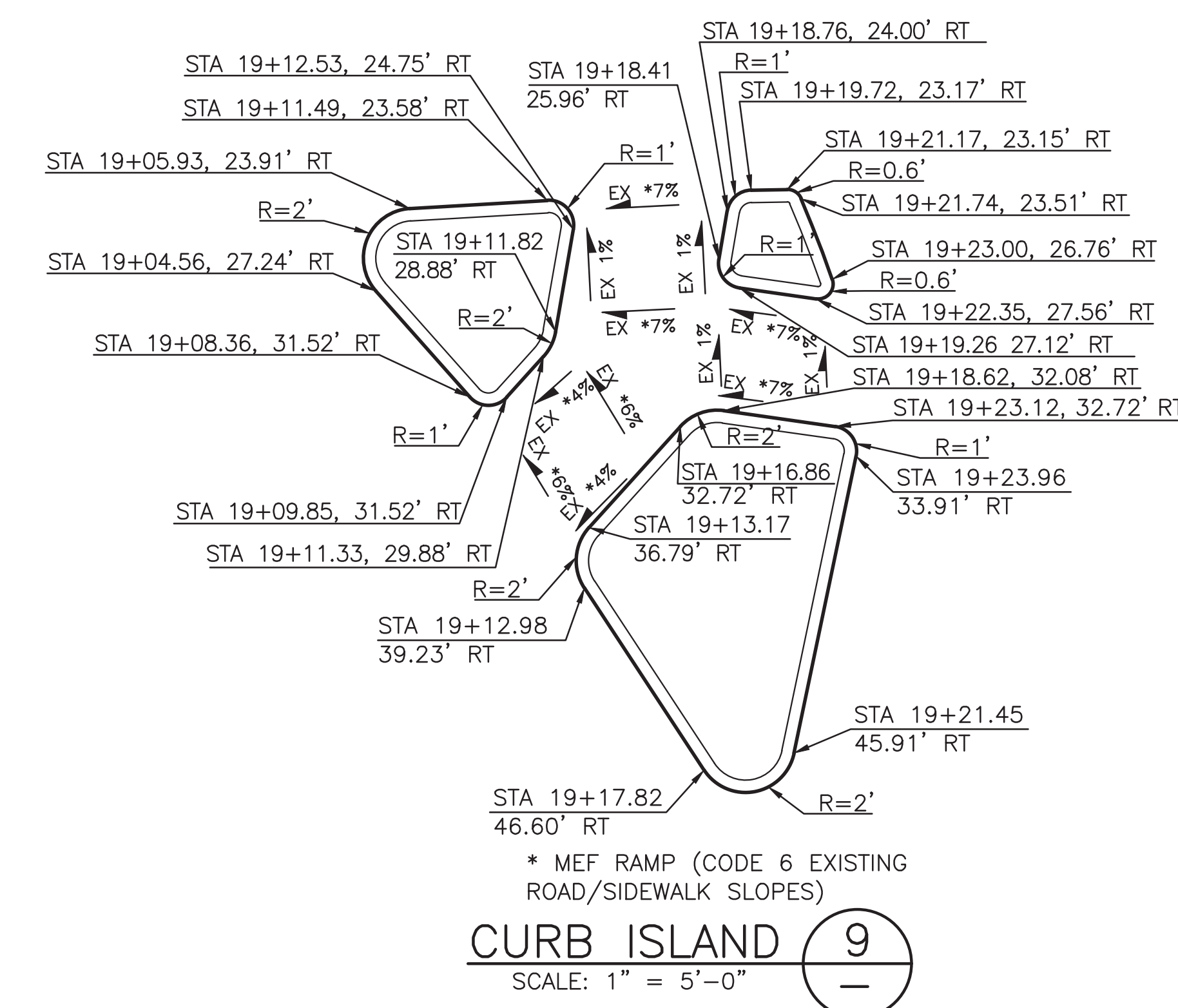
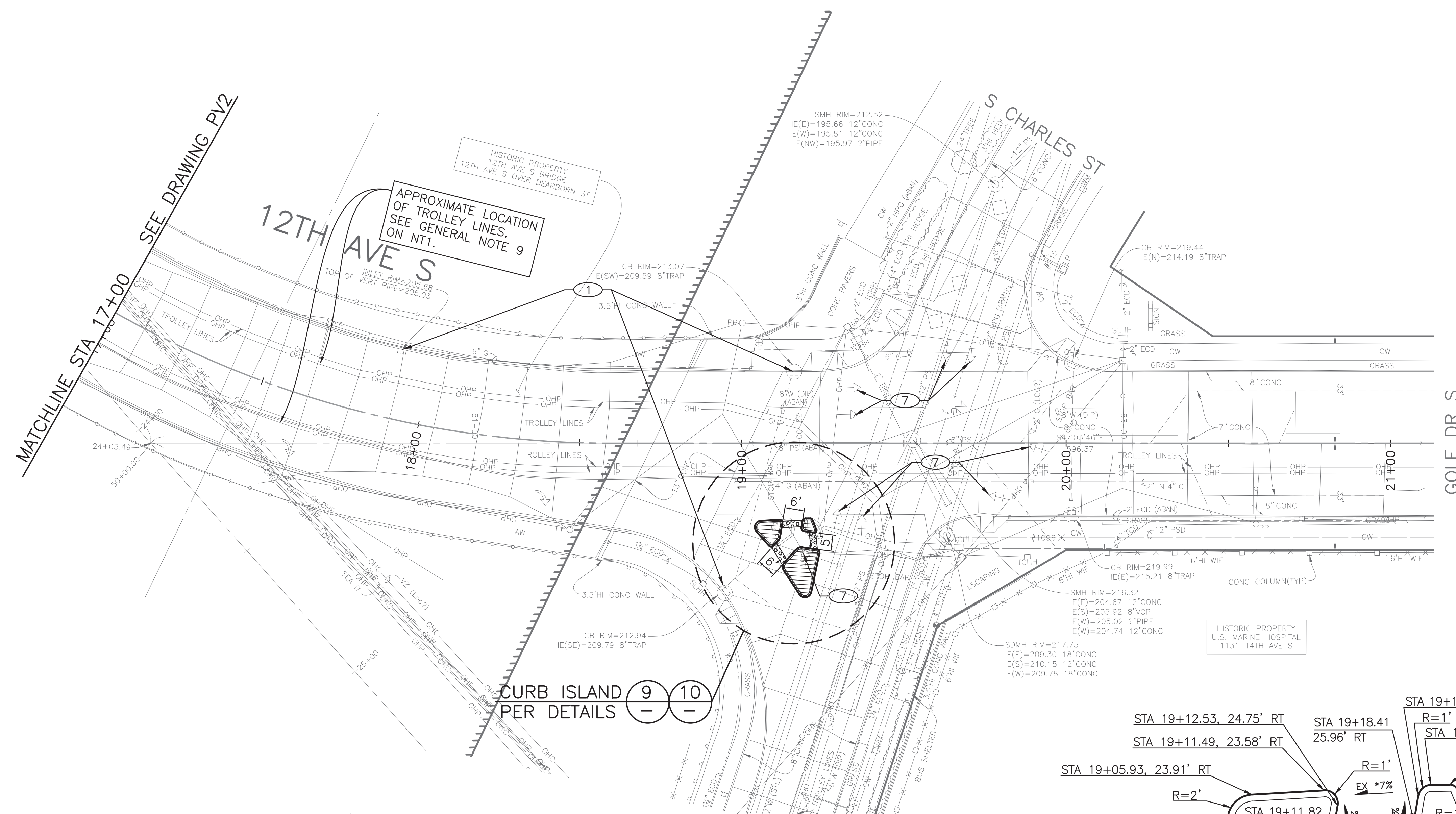
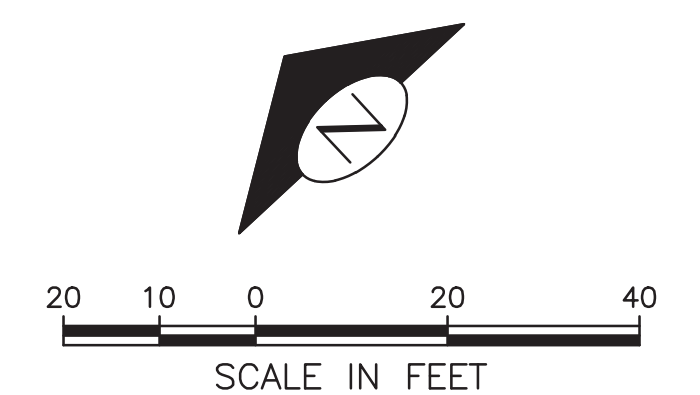
PC	TRC0813
CO	TRC0813
VPI #	790-946
PV2	
SHEET 10 OF 34	

PAVING LEGEND

-  PAVEMENT, 2" HMA CL 1/2" OVER 12" ROADWAY CEM CONC (24 HR HES), OVER MNRL AGG TYPE 2, 6" COMPACTED DEPTH.
-  HMA CL 1/2" OVERLAY, MATCH EX DEPTH
-  HMA CL 1/2" (DEPTH PER PLAN)
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-  DETECTABLE WARNING SURFACE, PER STD PLAN 422K
-  PERPENDICULAR CURB RAMP AND DETECTABLE WARNING, PER STD PLAN 422A
-  DIRECTIONAL CURB RAMP AND DETECTABLE WARNING, PER STD PLAN 422D
-  CEM CONC CURB PER STD PLAN 410C

CONSTRUCTION NOTES

- 1 REMOVE EXISTING GRATE AND REPLACE WITH VANED GRATE PER STD PLAN 265/266.
- 2 INSTALL BICYCLE LEAN RAIL. SEE DETAIL 6 ON PVDT2.
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- 5 INSTALL CAST-IN-PLACE DETECTABLE DIRECTIONAL STRIP, SEE DETAIL ON PVDT2
- 6 RELOCATE MAILBOX
- 7 INSTALL 1" RETRO-REFLECTIVE TAPE TO EX SIGNAL HEAD. REF TO STD PLAN 510a

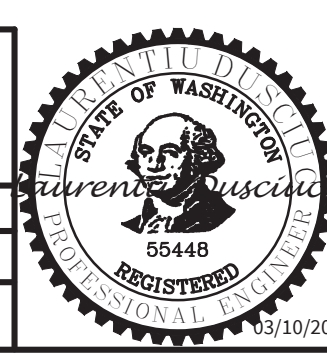


VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
37816						

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DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

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DESIGNED	CHECKED	REVIEWED:	CONST.
		SDOT	PROJ. MGR.
DRAWN	CHECKED	RECEIVED	REVISED AS BUILT



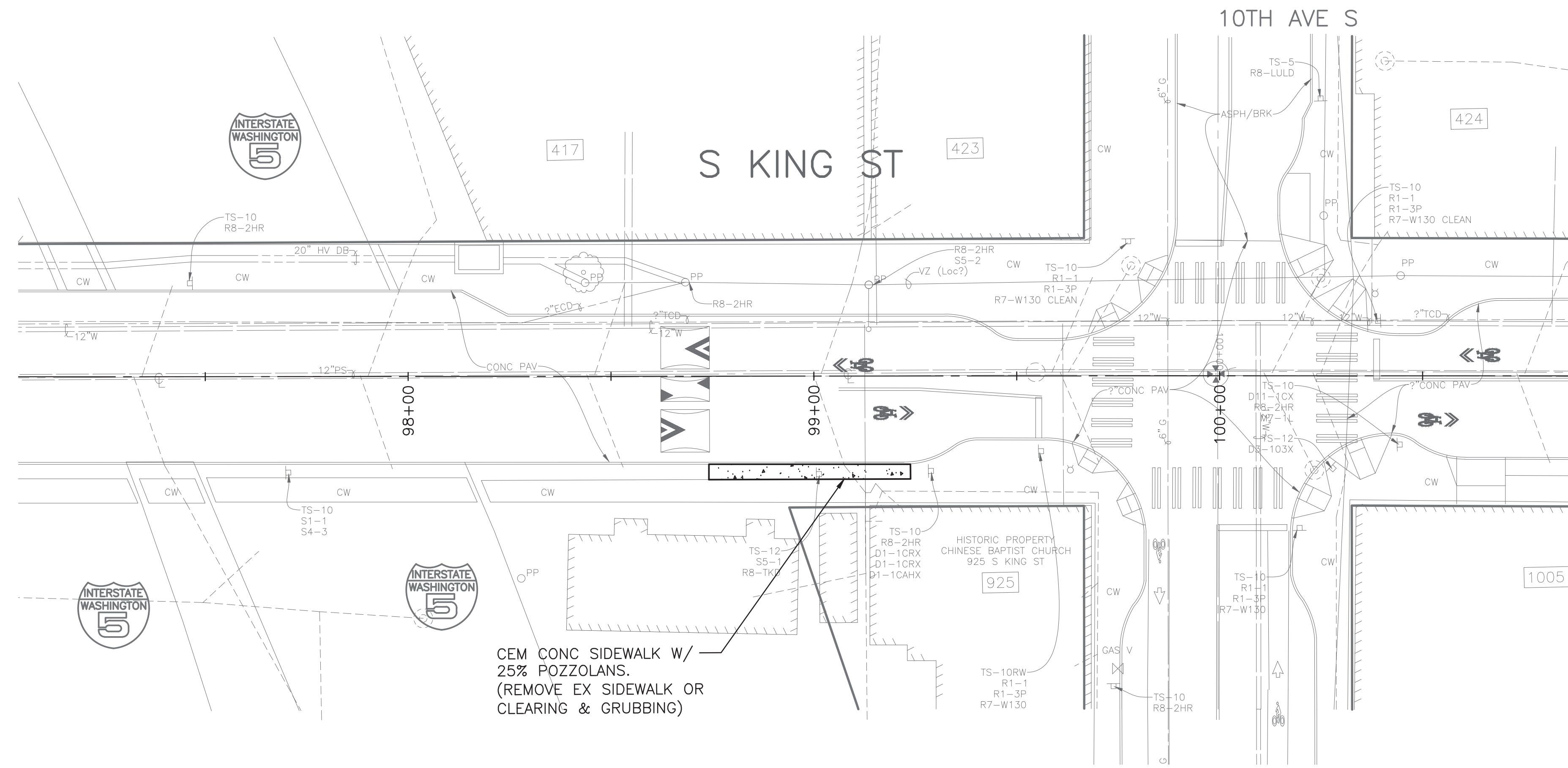
Seattle Department of Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: 1"=20'

**VISION ZERO
12TH AVE S**

PC	TRC0813
CO	TRC0813
VPI #	790-946
PV3	
SHEET	11 OF 34

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VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
37816						



PAVING LEGEND

- PAVEMENT, 2" HMA CL 1/2" OVER 12" ROADWAY CEM CONC (24 HR HES), OVER MNRL AGG TYPE 2, 6" COMPACTED DEPTH.
- HMA CL 1/2" OVERLAY, MATCH EX DEPTH
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- 6" CEM CONC SIDEWALK W/ 25% POZZOLANS.
- 8" CEM CONC DRIVEWAY (24 HR HES) PER STD PLAN 430
- SEEDED LAWN INSTALLATION OVER AMENDED SOIL PER STD PLAN 142
- FLEXIBLE POROUS SURFACE TREATMENT, 3", PER STD SPEC 8-02.3(9)B
- DETECTABLE WARNING SURFACE, PER STD PLAN 422K
- PERPENDICULAR CURB RAMP AND DETECTABLE WARNING, PER STD PLAN 422A
- DIRECTIONAL CURB RAMP AND DETECTABLE WARNING, PER STD PLAN 422D
- CEM CONC CURB PER STD PLAN 410C

CONSTRUCTION NOTES

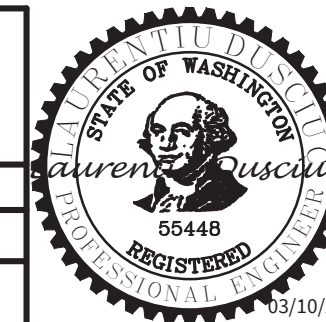
- 1 REMOVE EXISTING GRATE AND REPLACE WITH VANED GRATE PER STD PLAN 265/266.
- 2 INSTALL BICYCLE LEAN RAIL. SEE DETAIL 6 ON PVDT2.
- 3 ADJUST EXISTING INLET/CB TO NEW GRADE
- 4 MATCH EXISTING ELEVATION
- 5 INSTALL CAST-IN-PLACE DETECTABLE DIRECTIONAL STRIP, SEE DETAIL ON PVDT2
- 6 RELOCATE MAILBOX
- 7 INSTALL 1" RETRO-REFLECTIVE TAPE TO EX SIGNAL HEAD. REF TO STD PLAN 510g



PW#2019-084

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 SEATTLE, WASHINGTON 20

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DRAWN	CHECKED	RECEIVED	
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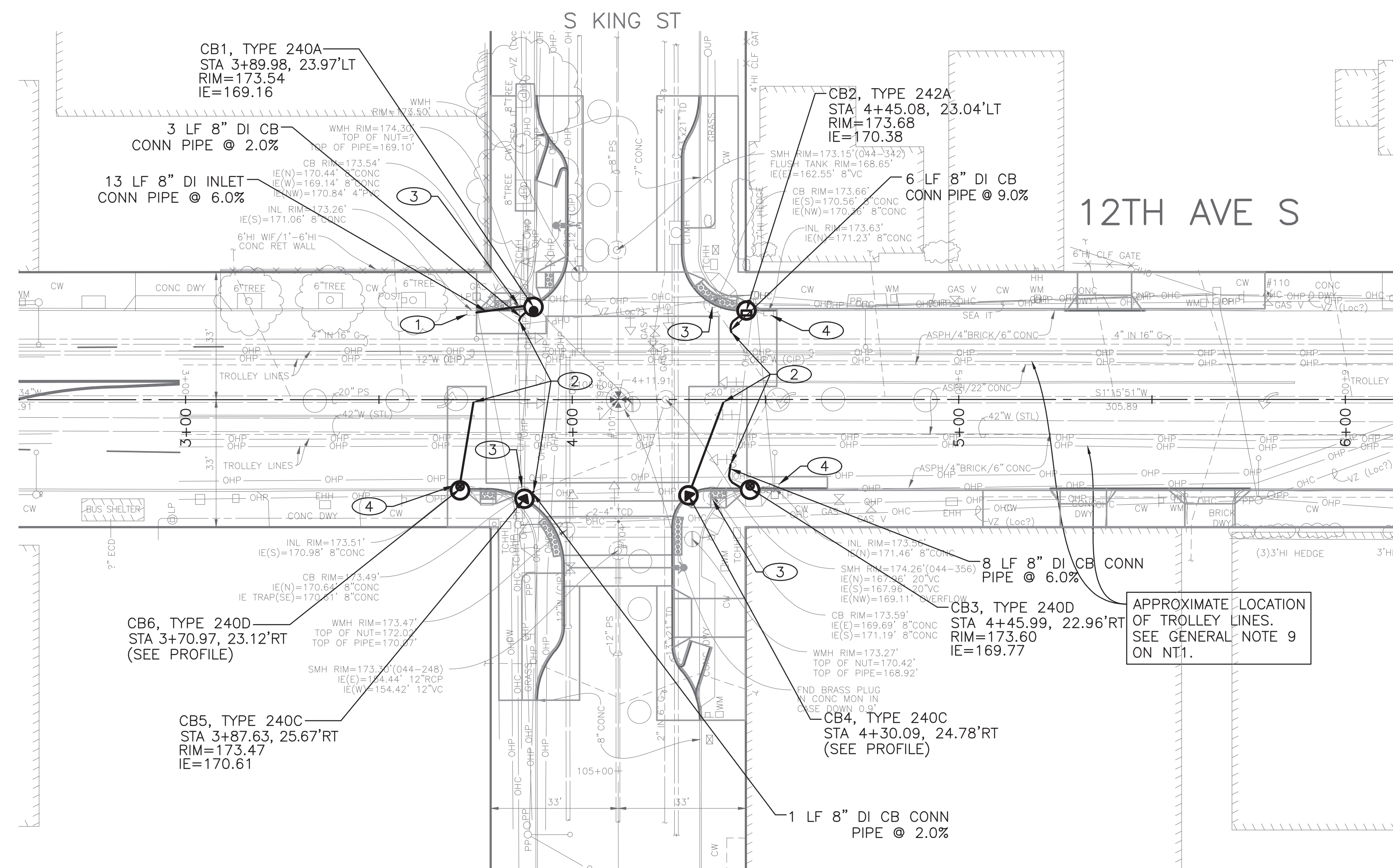
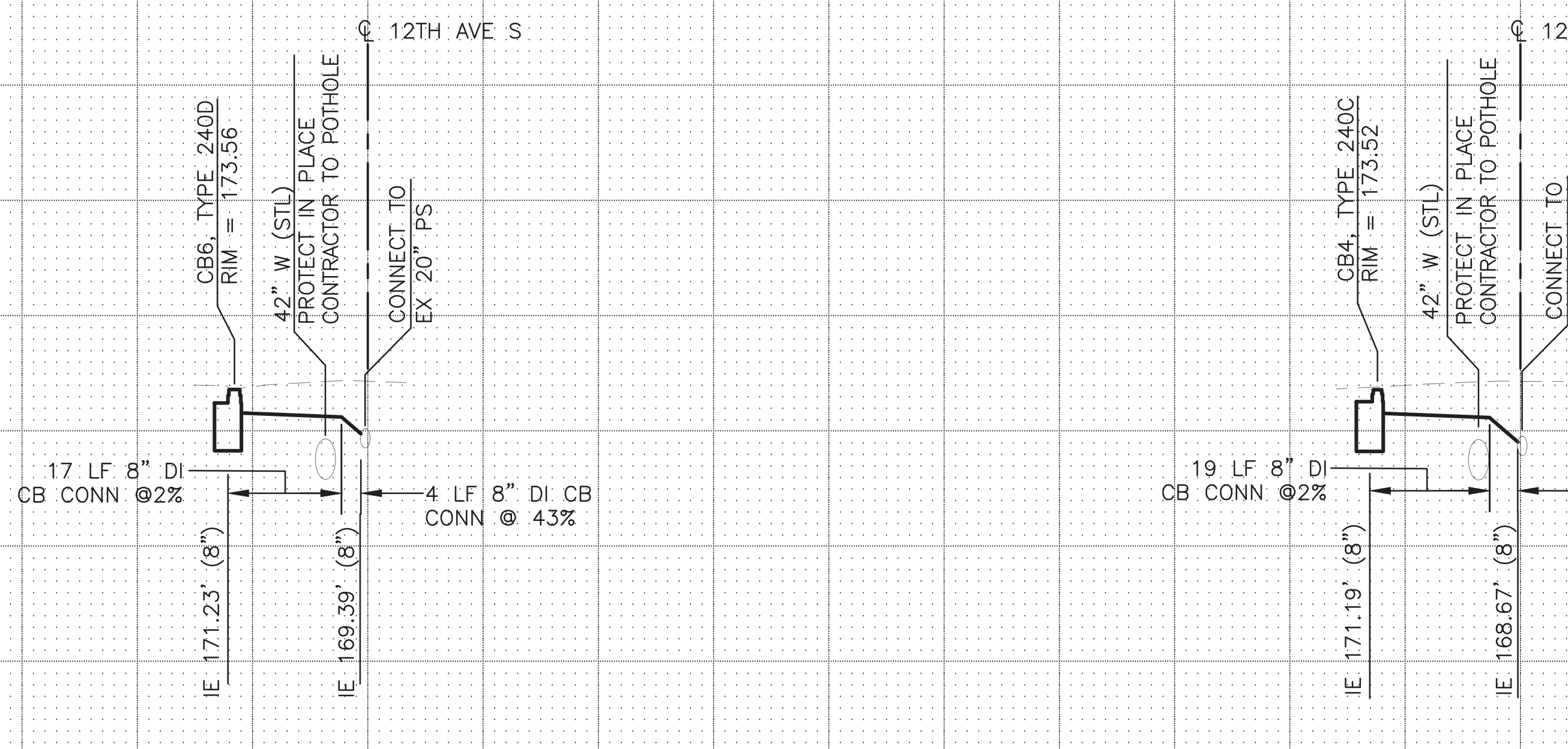
Seattle Department of Transportation
 ORDINANCE NO. 125724 FW NO. 2019-084
 SCALE: 1"=20'

**VISION ZERO
 12TH AVE S**

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CO	TRC0813
VPI #	790-946
PV4	
SHEET	12 OF 34

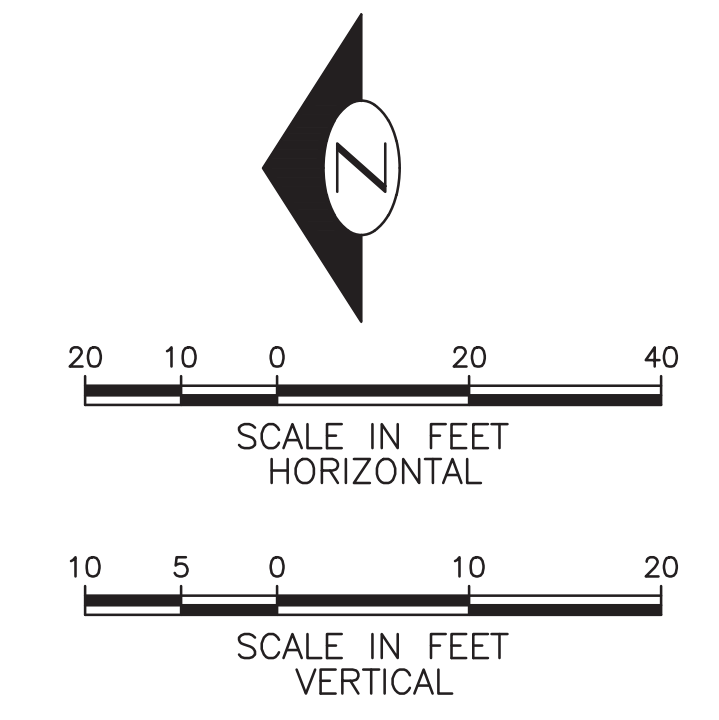
180
170
160
150

180
170
160
150



CONSTRUCTION NOTES:

- ① REMOVE EXISTING GRATE AND REPLACE WITH VANED GRATE PER STD PLAN 265/266.
- ② CONNECT TO EX PIPE PER STD PLAN 261
- ③ REMOVE EXISTING CB (SEE SP SHEETS)
- ④ REMOVE EXISTING INLET (SEE SP SHEETS)



VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD REVD
37816				

PW#2019-084

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DRAWN	CHECKED	RECEIVED	
		REVISED AS BUILT	

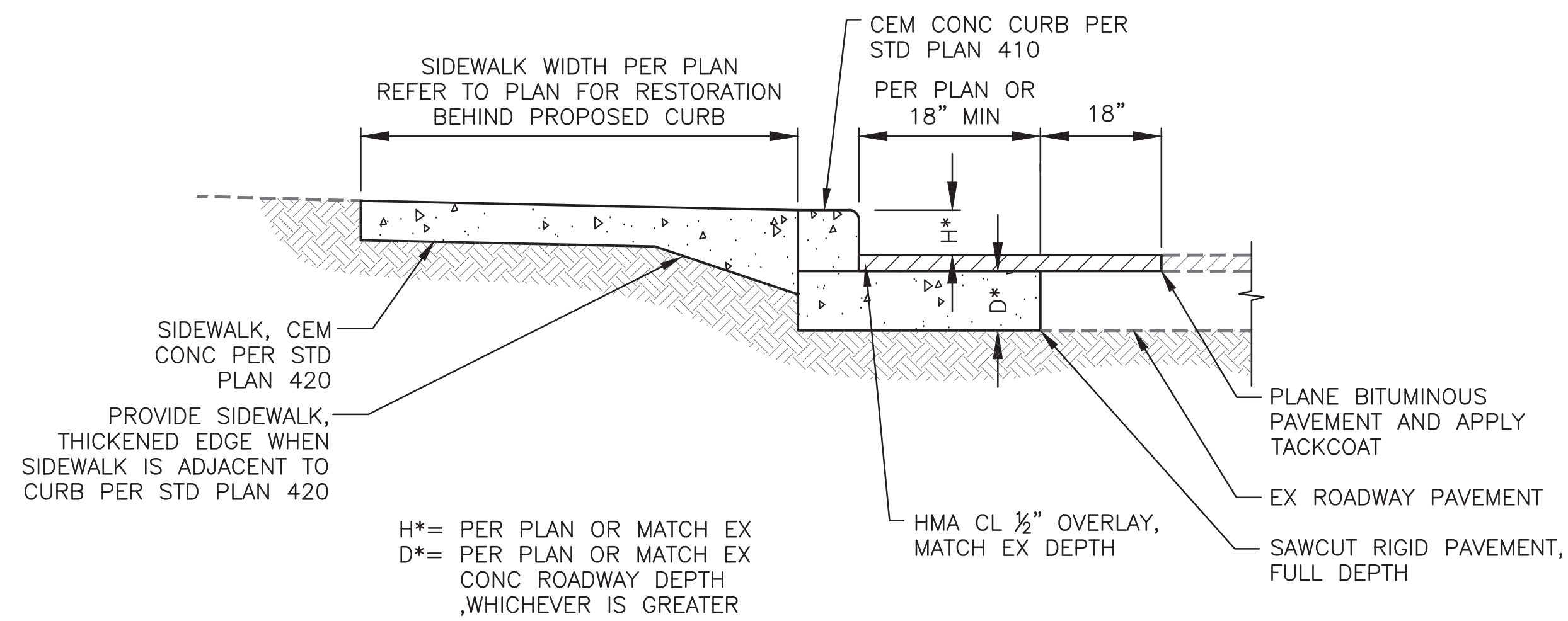


Seattle
Department of
Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: 1"=20'

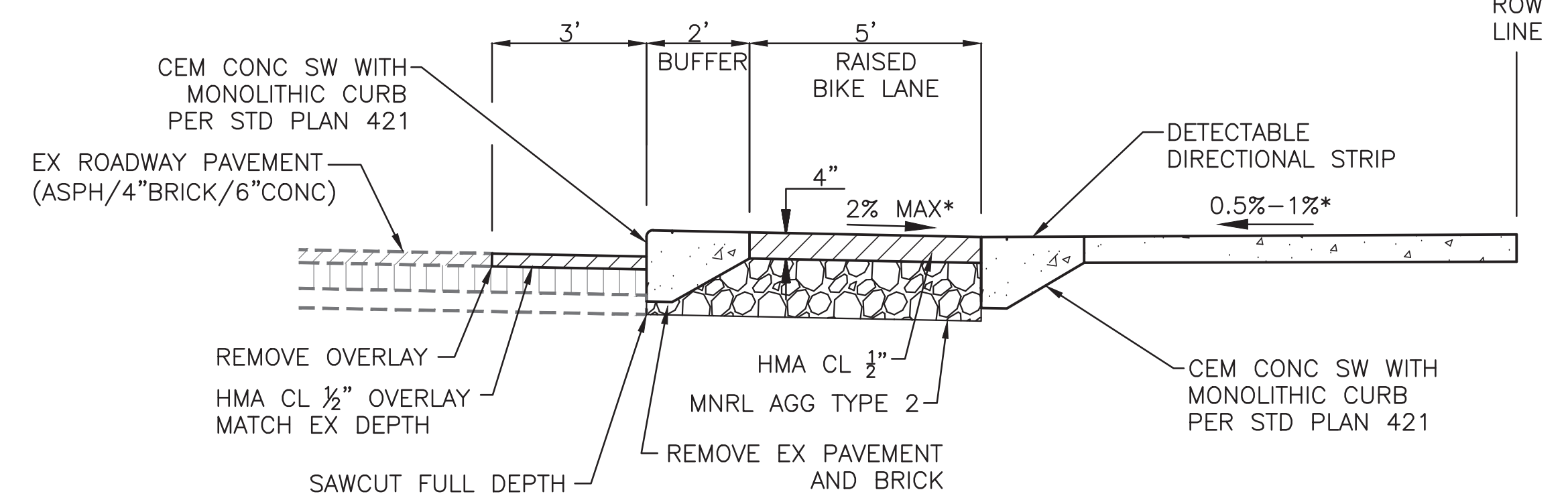
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12TH AVE S

DRAINAGE
PC TRC0813
CO TRC0813
VPI # 790-946
DR1
SHEET 13 OF 34

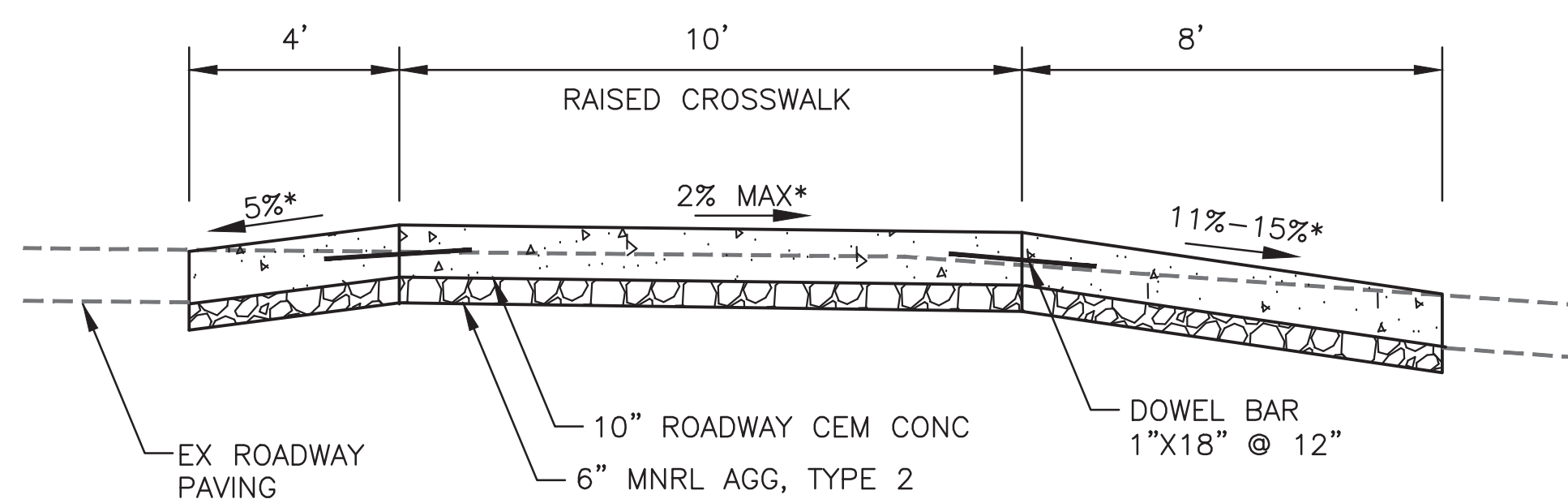
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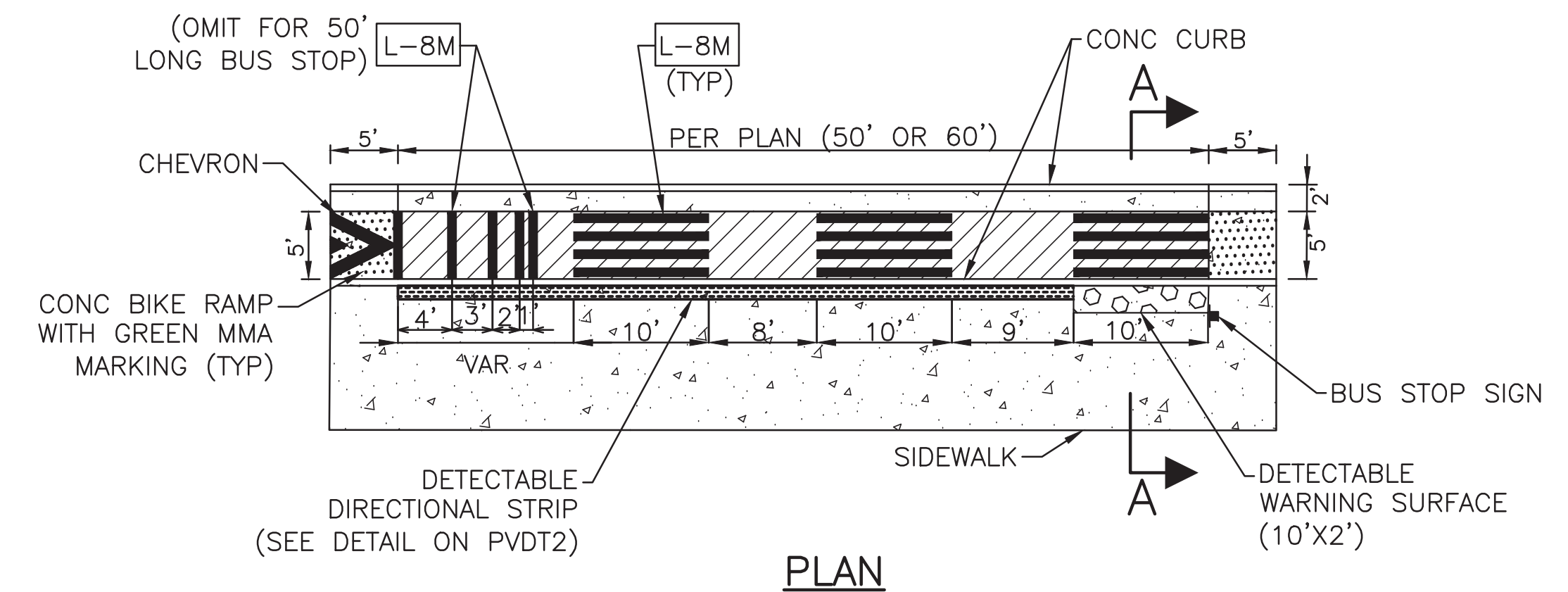
CURB RESTORATION 1
NTS



* SEE CR SHEETS FOR GRADING INFORMATION
TYPICAL SECTION A-A



RAISED CROSSWALK 3
NTS



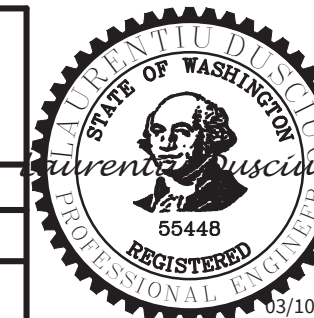
BUS STOP DETAIL PLAN 4
NTS

PAVING DETAILS

PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY:
PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
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		DES.	PROJ. MGR.
		SDOT	
DRAWN	CHECKED	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 0-2.3 OF THE PROJECT MANUAL.			



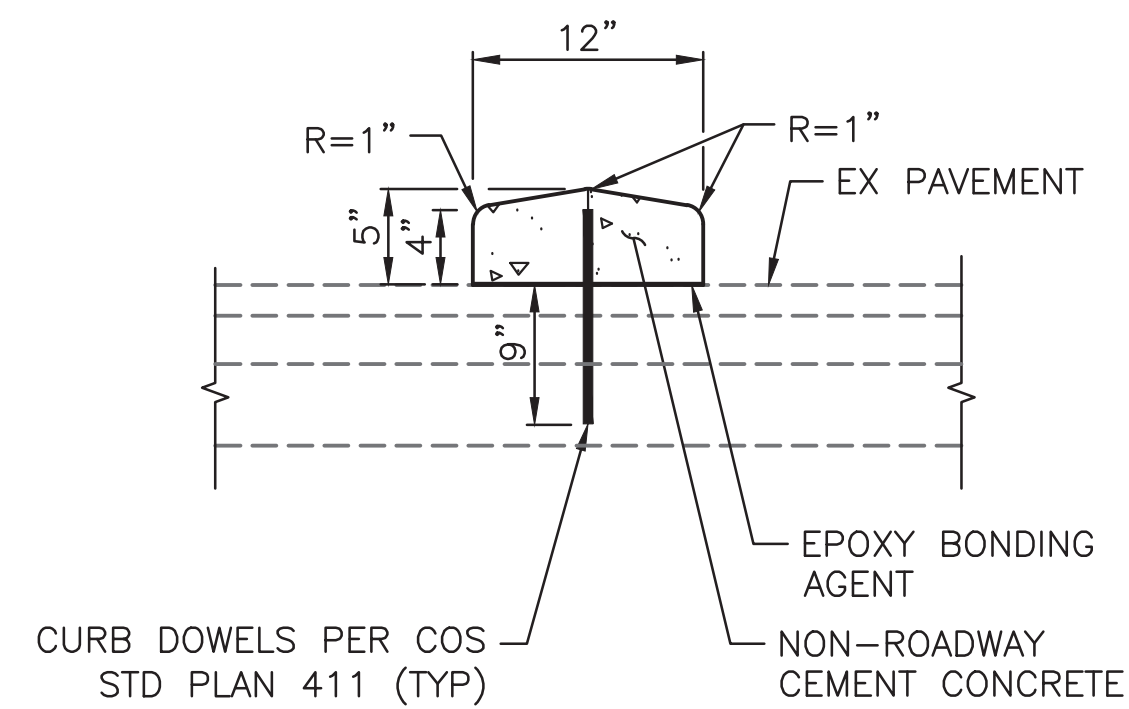
Seattle
Department of
Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: AS NOTED

VISION ZERO
12TH AVE S

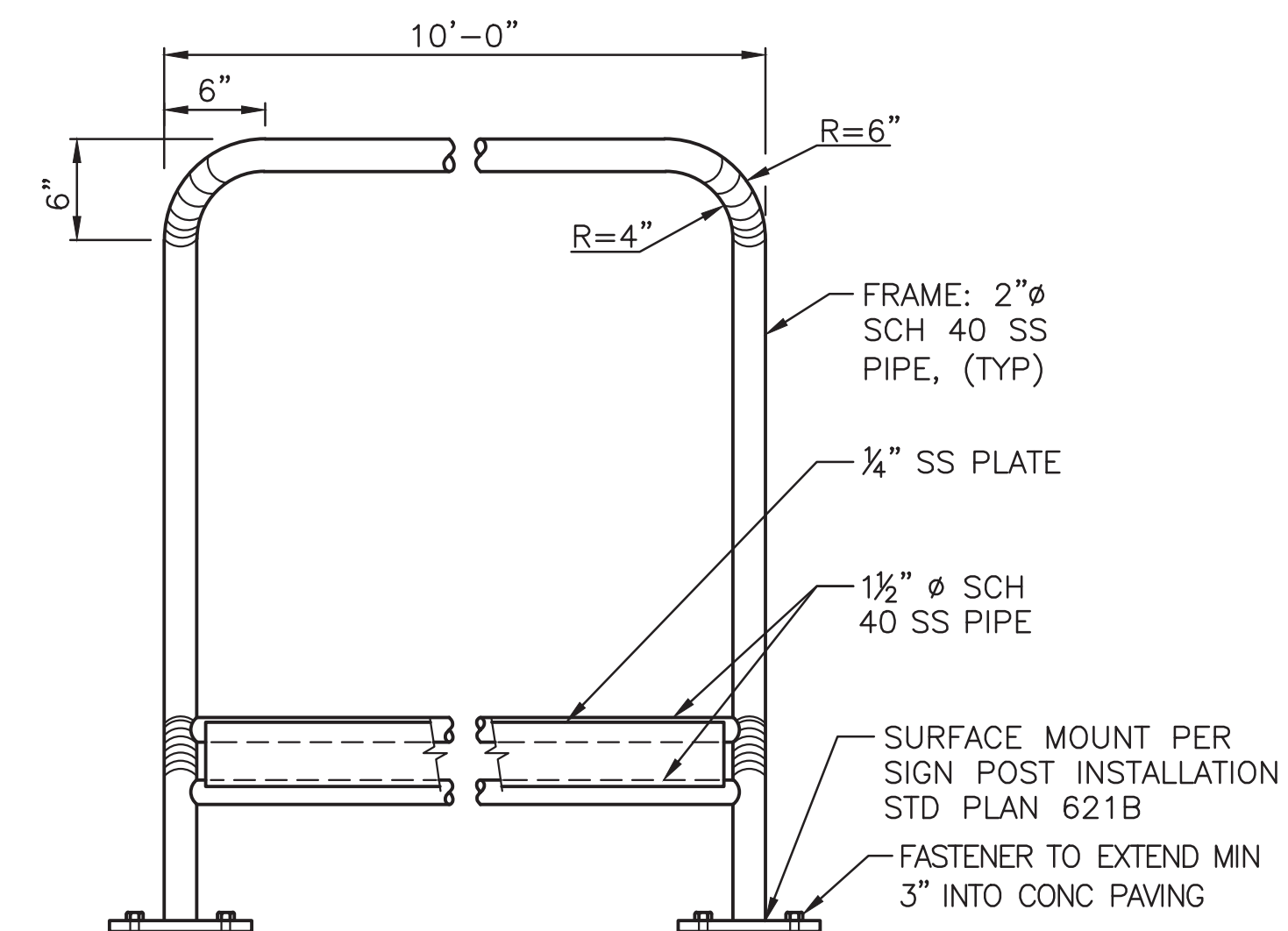
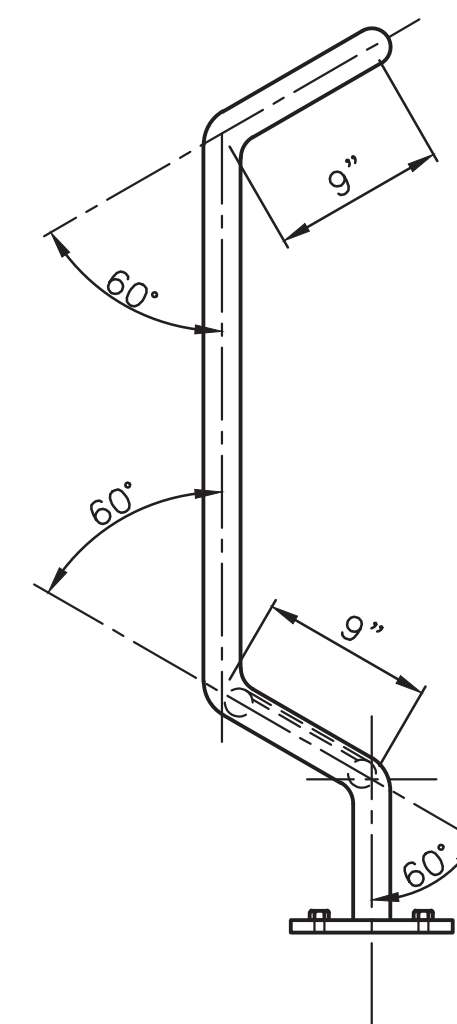
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CO	TRC0813
VPI #	790-946
PVDT1	
SHEET 14 OF 34	

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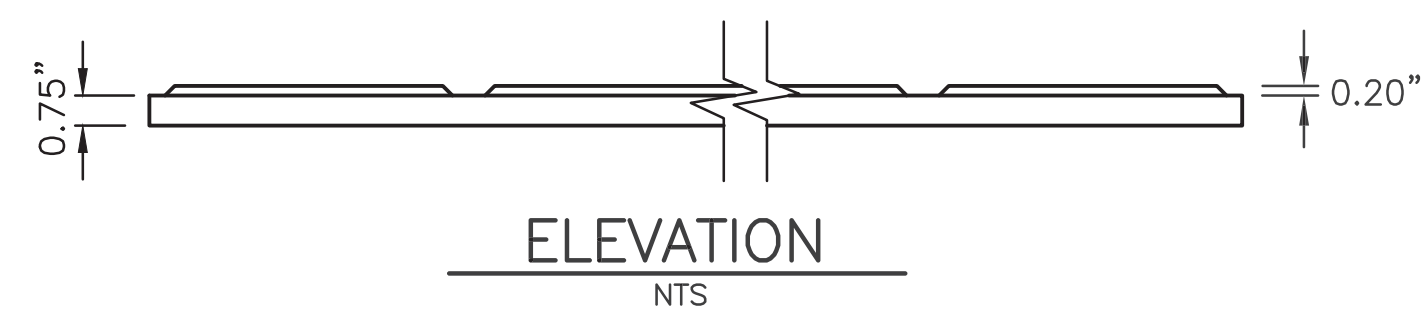
VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
37816						



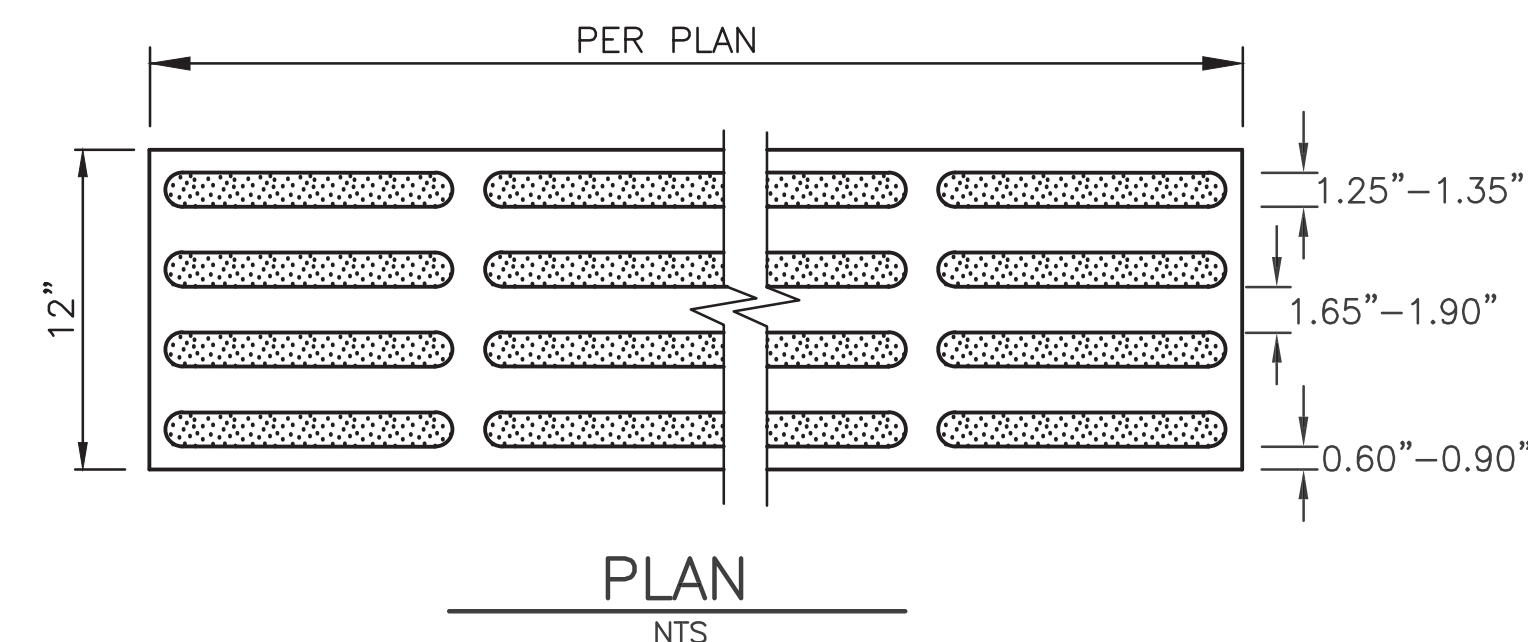
DUAL-FACE CURB,
CEMENT CONCRETE (5)
NTS



BICYCLE LEAN RAIL (6)
NTS



ELEVATION
NTS



PLAN
NTS

DETECTABLE DIRECTIONAL STRIP - CAST-IN-PLACE (7)
NTS

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REVD
37816						

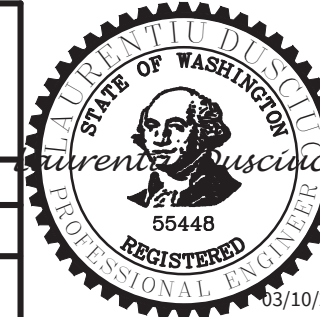
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PW#2019-084

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SEATTLE, WASHINGTON 20
BY:
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CHECKED		DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN		RECEIVED	
CHECKED		REVISED AS BUILT	

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Seattle
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Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: AS NOTED

VISION ZERO
12TH AVE S

PAVING DETAILS

PC	TRC0813
CO	TRC0813
VPI #	790-946
PVDT2	
SHEET 15 OF 34	

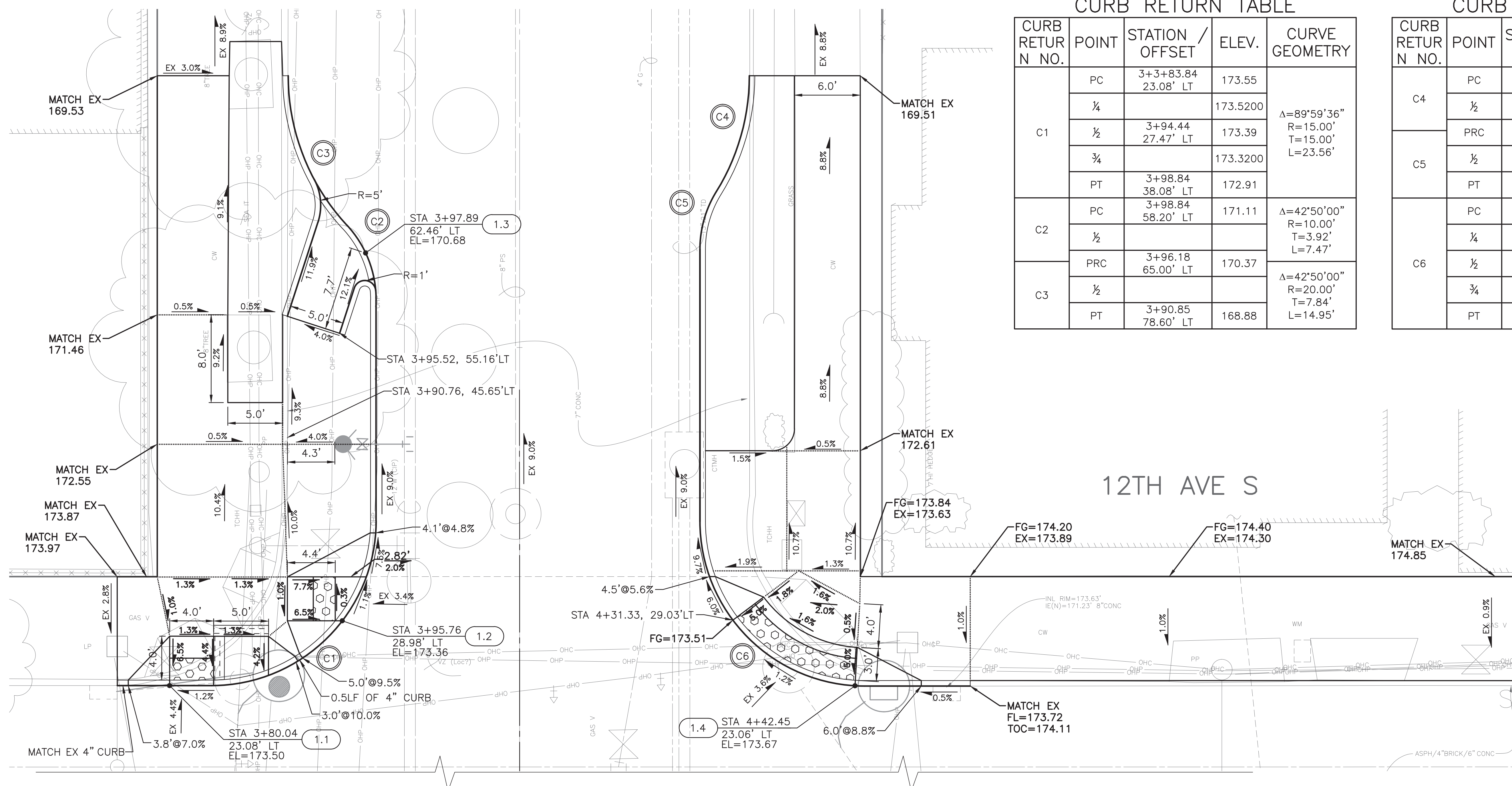
S KING ST

CURB RETURN TABLE

CURB RETURN N NO.	POINT	STATION / OFFSET	ELEV.	CURVE GEOMETRY
C1	PC	3+3+83.84 23.08' LT	173.55	Δ=89°59'36" R=15.00' T=15.00' L=23.56'
	¼		173.5200	
	½	3+94.44 27.47' LT	173.39	
	¾		173.3200	
	PT	3+98.84 38.08' LT	172.91	
C2	PC	3+98.84 58.20' LT	171.11	Δ=42°50'00" R=10.00' T=3.92' L=7.47'
	½			
C3	PRC	3+96.18 65.00' LT	170.37	Δ=42°50'00" R=20.00' T=7.84' L=14.95'
	½			
	PT	3+90.85 78.60' LT	168.88	

CURB RETURN TABLE

CURB RETURN N NO.	POINT	STATION / OFFSET	ELEV.	CURVE GEOMETRY
C4	PC	4+32.83 78.60' LT	169.09	Δ=31°47'18" R=20.00' T=5.69' L=11.10'
	½			
C5	PRC	4+29.83 68.06' LT	170.12	Δ=31°47'18" R=10.00' T=2.85' L=5.55'
	½			
C6	PT	4+28.33 62.79' LT	170.59	Δ=90°00'24" R=15.00' T=15.00' L=23.56'
	PC	4+28.33 38.04' LT	172.74	
¼		172.29		
½	4+32.73 27.43' LT	173.54		
	¾		173.61	
	PT	4+43.33 23.04' LT	173.67	



GENERAL NOTES

- SEE SITE PREPARATION AND PAVING PLANS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.
- SEE PAVING PLANS FOR ALIGNMENT INFORMATION.

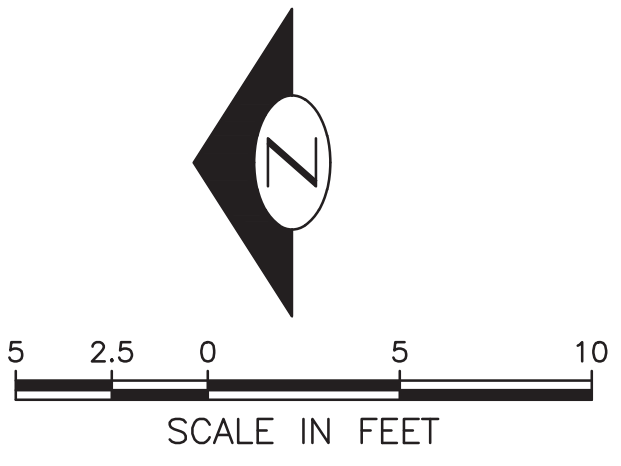
LEGEND

..... GRADE BREAK

MEF CODES

- *1 RIGHT-OF WAY AVAILABILITY
- *2 ROADWAY STRUCTURE CONSTRAINT; WALL AREAWAY OR BRIDGE
- *3 ADJACENT DEVELOPED FACILITY
- *4 DRAINAGE
- *5 HISTORIC FEATURE
- *6 EXISTING ROAD/ SIDEWALK SLOPES
- *7 EXISTING UTILITY OR UTILITY STRUCTURE
- *8 (OTHER), DESCRIBE, ADD ANNOTATION

RAMP	STD PLAN	MEF CODE
1.1	422A	
1.2	422D	
1.3	N/A	
1.4	421	



12TH AVE S & S KING ST
CURB RAMPS

PW#2019-084

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Seattle
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SCALE: 1"=5'

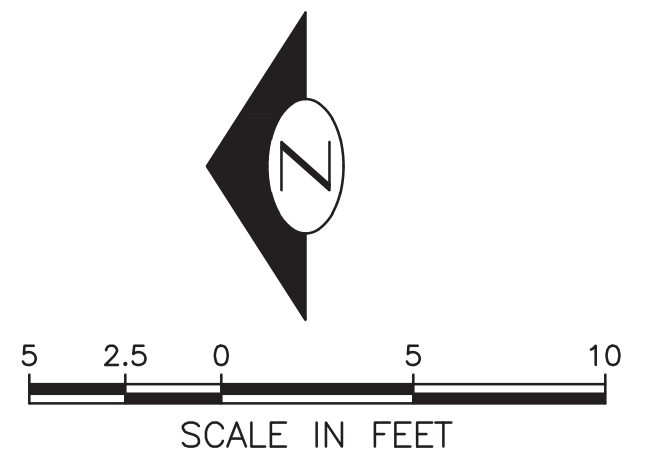
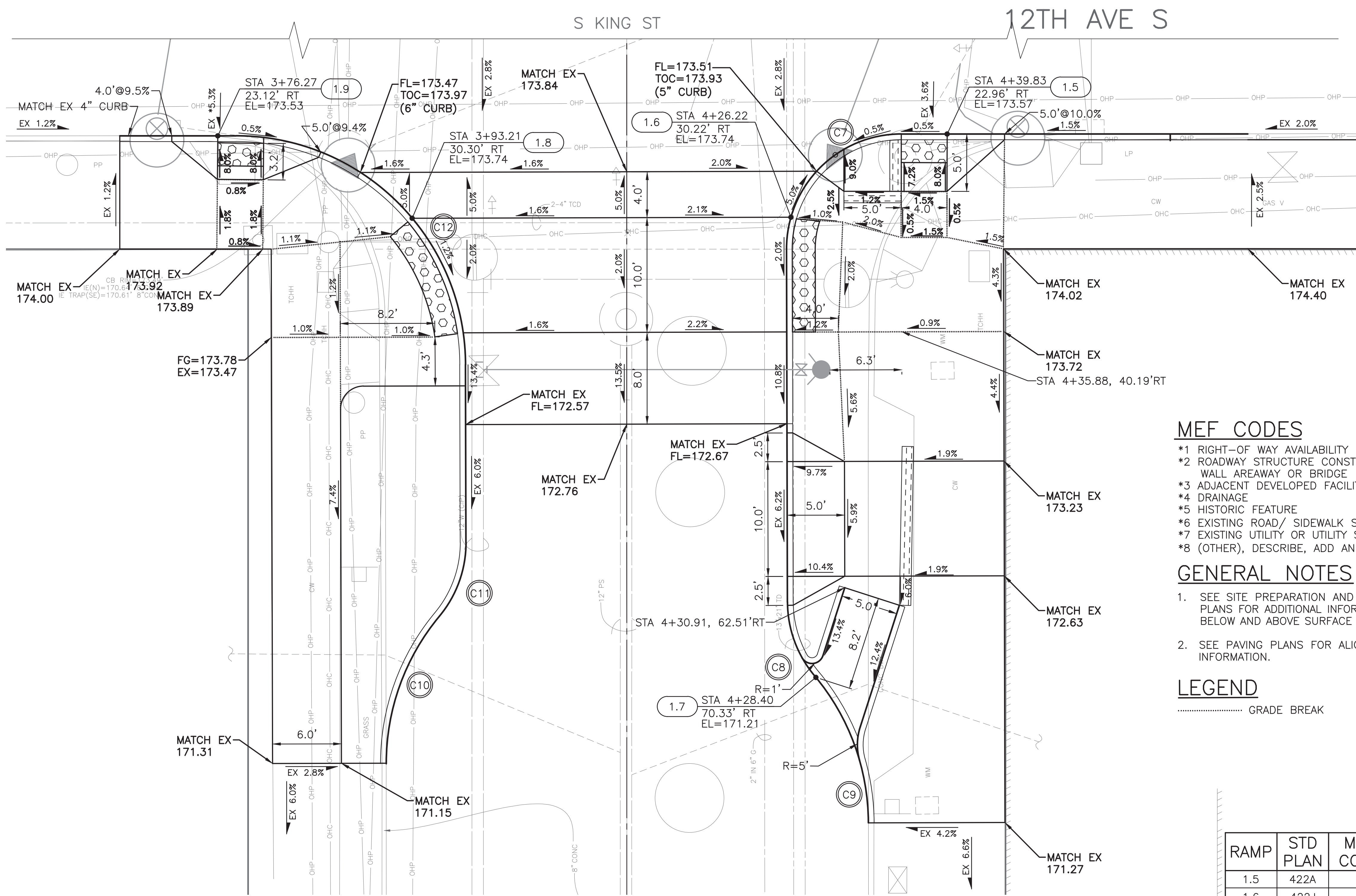
VISION ZERO
12TH AVE S

PC	TRC0813
CO	TRC0813
VPI #	790-946
CR1	
SHEET 16 OF 34	

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VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
37816						



CURB RETURN TABLE

CURB RETURN N. NO.	POINT	STATION / OFFSET	ELEV.	CURVE GEOMETRY
C7	PC	4+35.83 22.96' RT	173.55	Δ=90°08'47" R=10.00' T=10.03' L=15.73'
	1/4		173.53	
	1/2	4+28.75 25.90' RT	173.51	
	3/4		173.68	
	PT	4+25.83 32.99' RT	173.68	
C8	PC	4+25.92 63.76' RT	171.70	Δ=40°06'33" R=10.00' T=3.65' L=7.00'
	1/2			
C9	PRC	4+28.29 70.19' RT	171.22	Δ=39°51'43" R=20.00' T=7.25' L=13.91'
	1/2			
	PT	4+32.97 83.00' RT	170.28	

CURB RETURN TABLE

CURB RETURN N. NO.	POINT	STATION / OFFSET	ELEV.	CURVE GEOMETRY
C10	PC	3+90.94 77.84' RT	170.60	Δ=39°56'40" R=20.00' T=7.27' L=13.94'
	1/2			
	PRC	3+95.58 64.99' RT	171.48	
C11	1/2			Δ=39°56'40" R=10.00' T=3.63' L=6.92'
	PT	3+97.89 58.56' RT	170.59	
C12	PC	3+97.85 43.07' RT	173.23	Δ=89°51'13" R=20.00' T=19.95' L=31.37'
	1/4		173.67	
	1/2	3+91.98 28.96' RT	173.66	
	3/4		173.4900	
	PT	3+77.86 23.12' RT	173.52	

MEF CODES

- *1 RIGHT-OF WAY AVAILABILITY
- *2 ROADWAY STRUCTURE CONSTRAINT; WALL AREAWAY OR BRIDGE
- *3 ADJACENT DEVELOPED FACILITY
- *4 DRAINAGE
- *5 HISTORIC FEATURE
- *6 EXISTING ROAD/ SIDEWALK SLOPES
- *7 EXISTING UTILITY OR UTILITY STRUCTURE
- *8 (OTHER), DESCRIBE, ADD ANNOTATION

GENERAL NOTES

1. SEE SITE PREPARATION AND PAVING PLANS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.
2. SEE PAVING PLANS FOR ALIGNMENT INFORMATION.

LEGEND

..... GRADE BREAK

RAMP	STD PLAN	MEF CODE
1.5	422A	
1.6	422J	
1.7	N/A	
1.8	422J	
1.9	422D	*6

PW#2019-084

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BY:	PURCHASING AND CONTRACTING DIRECTOR	REVISED AS BUILT	



Seattle
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 SCALE: 1"=5'

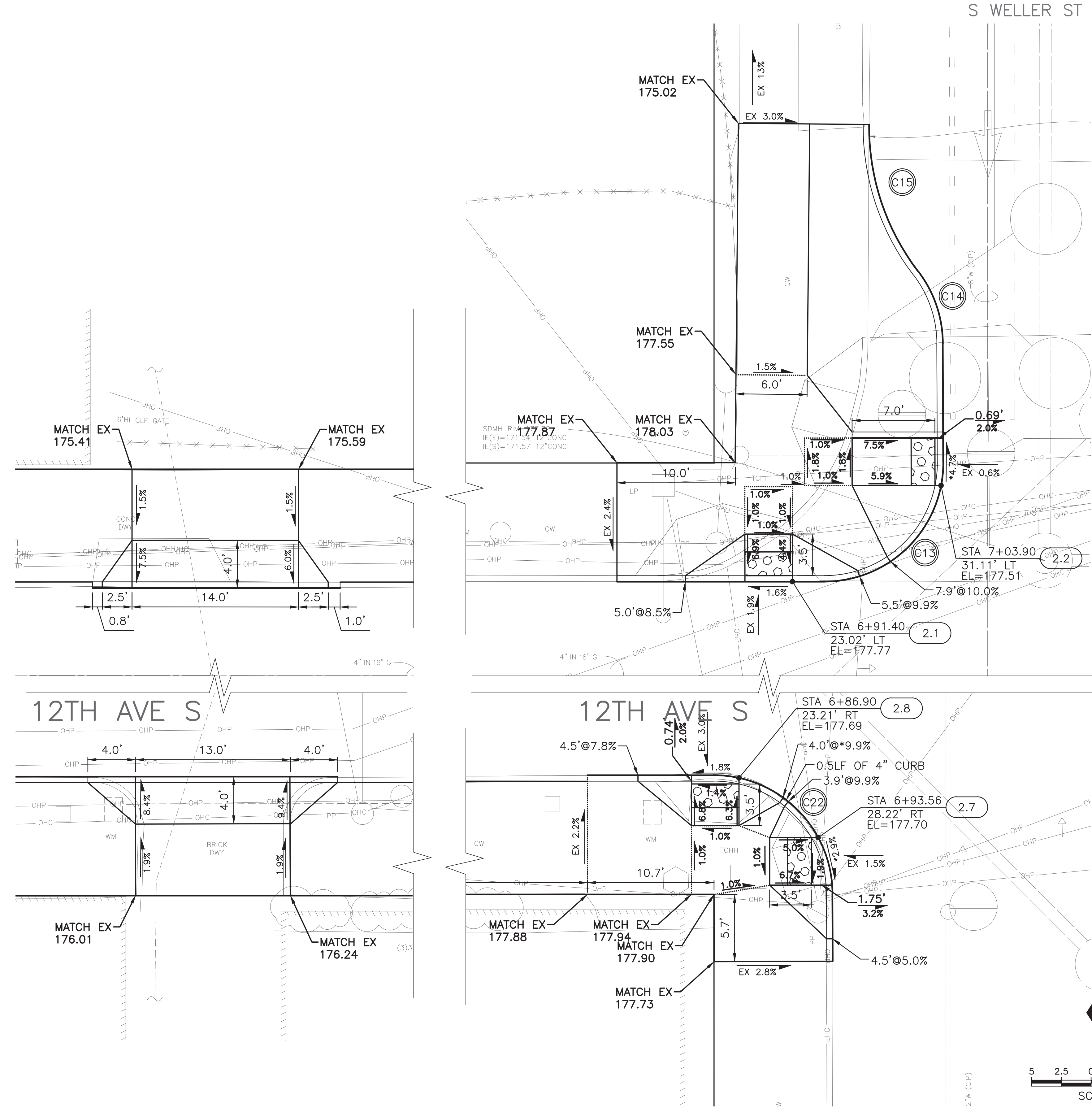
12TH AVE S & S KING ST
 CURB RAMPS

VISION ZERO
 12TH AVE S

PC TRC0813
 CO TRC0813
 VPI # 790-946
CR2
 SHEET 17 OF 34

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VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
37816						



RAMP	STD PLAN	MEF CODE
2.1	422A	
2.2	422D	*6
2.7	422D	*6
2.8	422A	

MEF CODES

- *1 RIGHT-OF WAY AVAILABILITY
- *2 ROADWAY STRUCTURE CONSTRAINT; WALL AREAWAY OR BRIDGE
- *3 ADJACENT DEVELOPED FACILITY
- *4 DRAINAGE
- *5 HISTORIC FEATURE
- *6 EXISTING ROAD/ SIDEWALK SLOPES
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GENERAL NOTES

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LEGEND

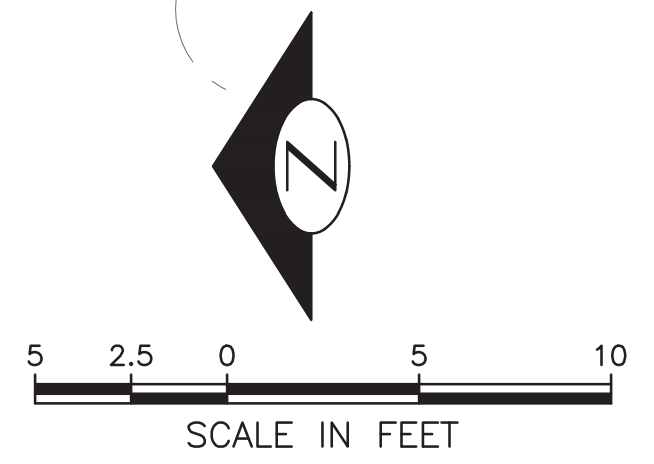
..... GRADE BREAK

CURB RETURN TABLE

CURB RETURN N. NO.	POINT	STATION / OFFSET	ELEV.	CURVE GEOMETRY
C13	PC	6+94.08 23.02' LT	177.81	Δ=90°13'23" R=10.00' T=15.75' L=10.04'
	1/4			
	1/2	7+01.17 25.97' LT	177.79	
	3/4			
	PT	7+04.08 33.06' LT	177.42	
C14	PC	7+04.04 43.06' LT	176.77	Δ=37°15'20" R=10.00' T=3.37' L=6.50'
	1/2			
	PRC	7+01.98 49.11' LT	176.03	
C15	1/2			Δ=38°02'02" R=20.00' T=6.89' L=13.28'
	PT	6+97.85 61.47' LT	174.36	

CURB RETURN TABLE

CURB RETURN N. NO.	POINT	STATION / OFFSET	ELEV.	CURVE GEOMETRY
C22	PC	7+45.08 22.75' RT	177.55	Δ=89°46'37" R=10.00' T=9.96' L=15.67'
	1/4			
	1/2	6+91.82 25.89' RT	177.79	
	3/4			
	PT	6+94.76 32.94' RT	177.66	



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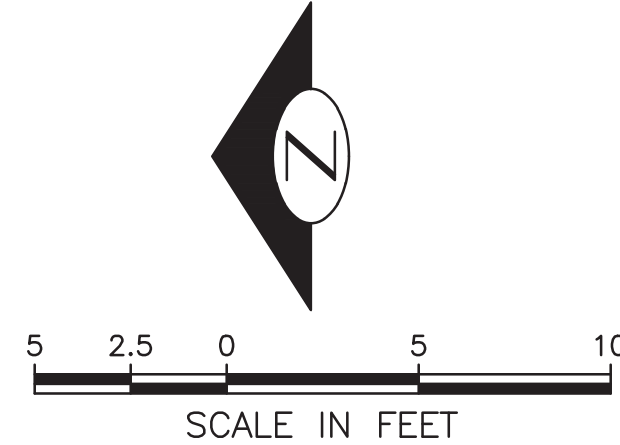
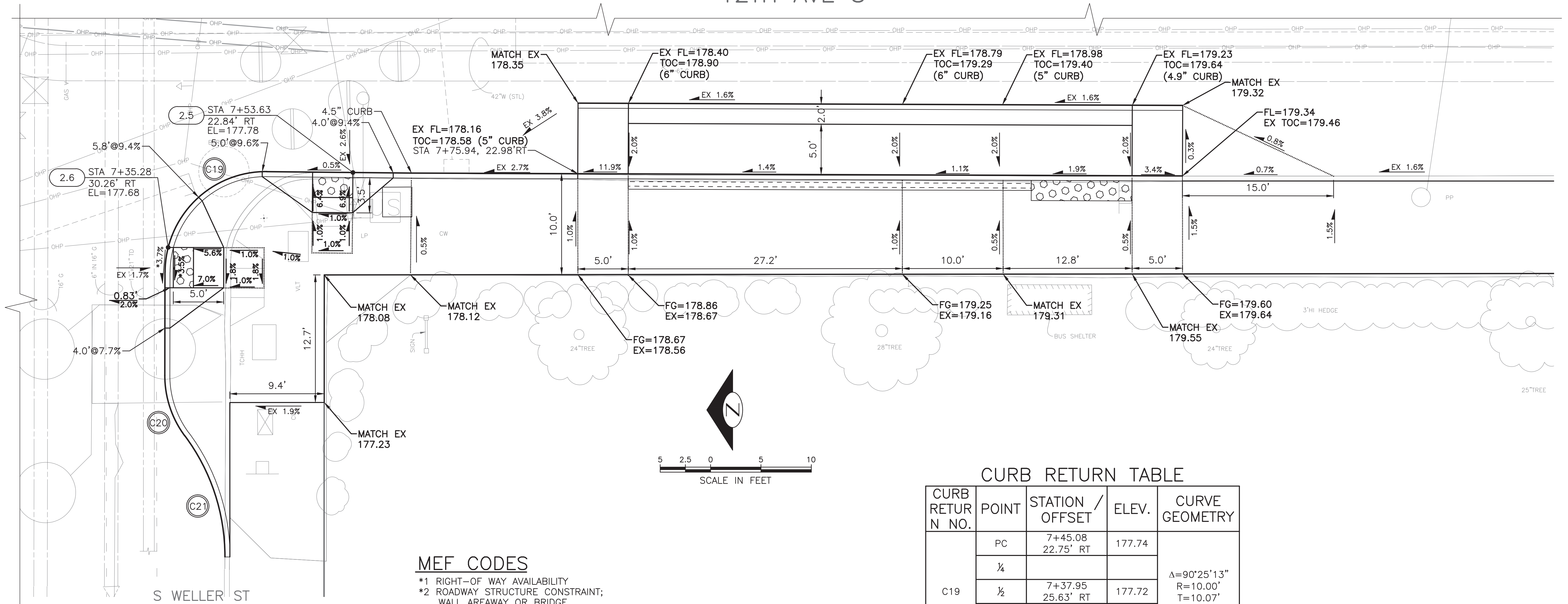
Seattle Department of Transportation
 ORDINANCE NO. 125724 PW NO. 2019-084
 SCALE: 1"=5'

12TH AVE S & S WELLER ST
 CURB RAMPS

**VISION ZERO
 12TH AVE S**

PC	TRC0813
CO	TRC0813
VPI #	790-946
CR3	
SHEET 18 OF 34	

12TH AVE S



MEF CODES

- *1 RIGHT-OF WAY AVAILABILITY
- *2 ROADWAY STRUCTURE CONSTRAINT; WALL, AREAWAY OR BRIDGE
- *3 ADJACENT DEVELOPED FACILITY
- *4 DRAINAGE
- *5 HISTORIC FEATURE
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- *8 (OTHER), DESCRIBE, ADD ANNOTATION

RAMP	STD PLAN	MEF CODE
2.5	422A	
2.6	422D	*6

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LEGEND

..... GRADE BREAK

CURB RETURN TABLE

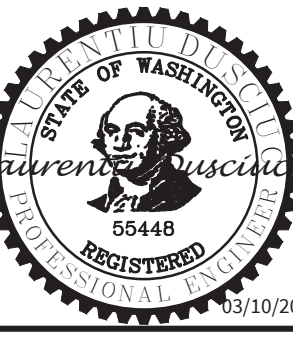
CURB RETURN NO.	POINT	STATION / OFFSET	ELEV.	CURVE GEOMETRY
C19	PC	7+45.08 22.75' RT	177.74	Δ=90°25'13" R=10.00' T=10.07' L=15.78'
	1/4			
	1/2	7+37.95 25.63' RT	177.72	
	3/4			
	PT	7+34.97 32.71' RT	177.60	
C20	PC	7+34.93 42.96' RT	177.12	Δ=36°52'12" R=10.00' T=3.33' L=6.44'
	1/2			
C21	PRC	7+36.91 48.97' RT	176.67	Δ=36°52'12" R=20.00' T=6.67' L=12.87'
	1/2			
	PT	7+40.87 60.98' RT	175.61	

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REVID
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SEATTLE, WASHINGTON 20

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BY:		REVISED AS BUILT	



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SCALE: 1"=5'

12TH AVE S & S WELLER ST
CURB RAMPS

VISION ZERO
12TH AVE S

PC	TRC0813
CO	TRC0813
VPI #	790-946
CR5	
SHEET	20 OF 34

NOTES

1. ALL CROSSWALKS SHALL BE 10' WIDE UNLESS OTHERWISE NOTED ON PLANS.
2. TYPE 2A LANE MARKERS SHALL BE INSTALLED PER STD PLAN 710.
3. INSTALL TYPE 2A BLUE LANE MARKERS ALIGNED WITH EACH FIRE HYDRANT. PLACE MARKER 6" FROM THE CENTERLINE STRIPE, ON SIDE CLOSER TO HYDRANT.
4. INSTALL OWNER-FURNISHED BICYCLE COUNTER AND DETECTOR LOOPS (ECO-COUNTER ZELT HD 4-LOOPS WITH URBAN MANHOLE), PER MANUFACTURER'S RECOMMENDATIONS. SEE SECTION 8-31.3(5)G.

CHANNELIZATION LEGEND

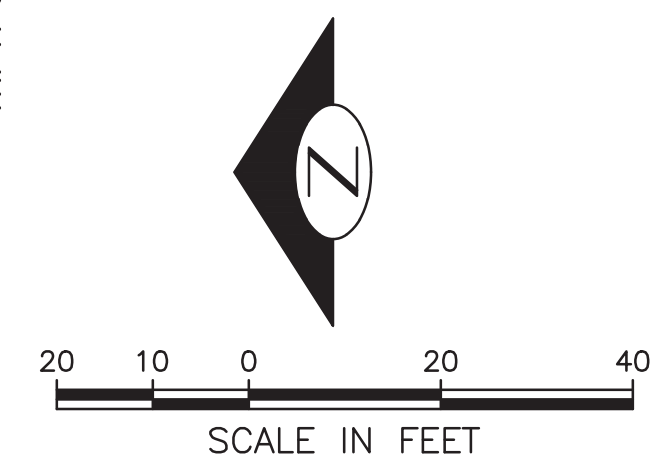
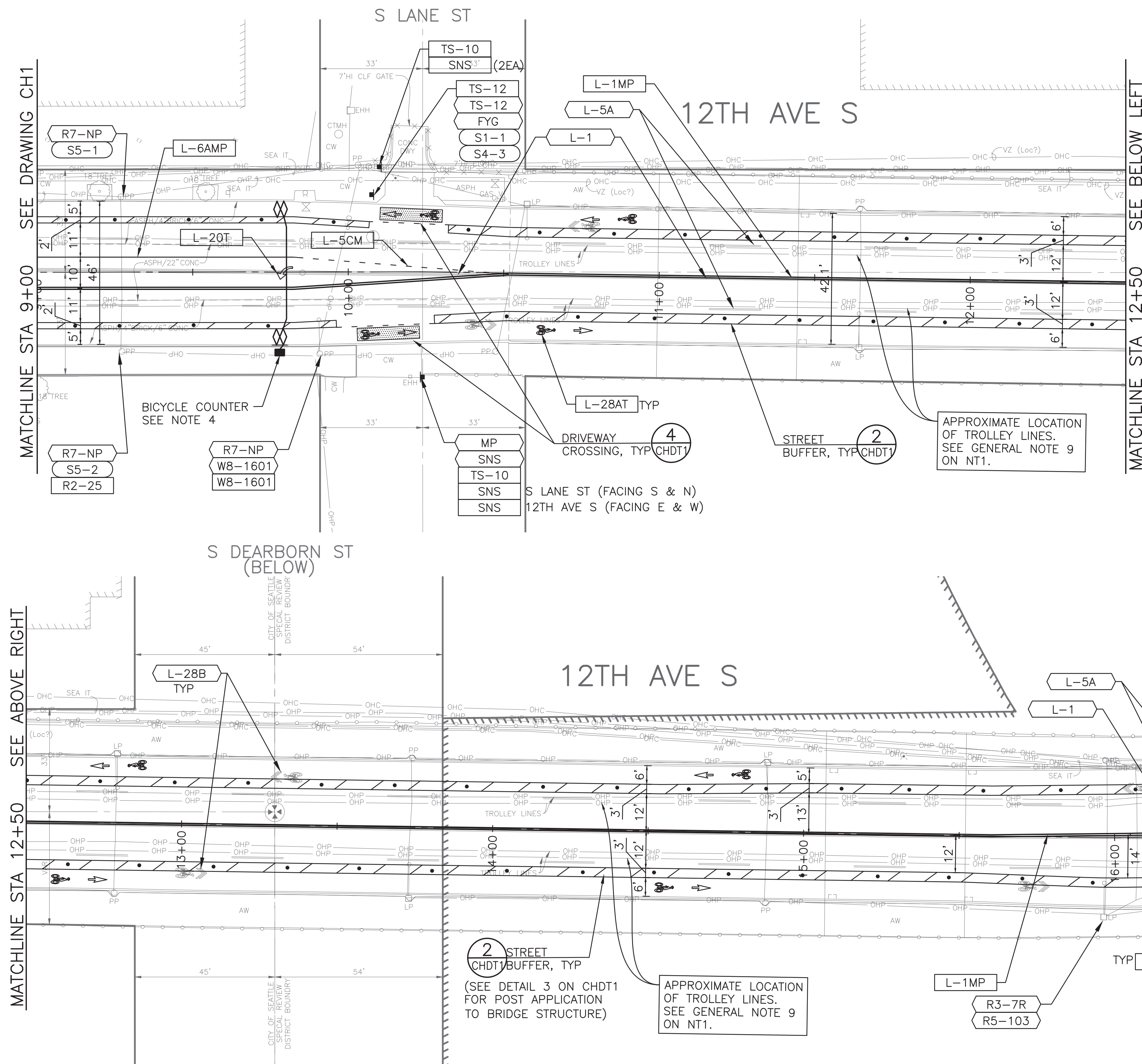
- L-1MP 4" SOLID YELLOW DOUBLE CENTER LINE
- L-5AMP DASHED 4" WHITE STRIPE (10' PAINT, 20' SKIP)
- L-5BM DASHED 6" WHITE STRIPE (2' PAINT, 4' SKIP)
- L-5CM DASHED 4" WHITE STRIPE (2' PAINT, 4' SKIP)
- L-5DM DASHED 4" YELLOW STRIPE (2' PAINT, 4' SKIP)
- L-5XMP DASHED 6" WHITE STRIPE (3' PAINT, 6' SKIP)
- L-6AMP 4" SOLID WHITE STRIPE
- L-6BM 6" SOLID WHITE STRIPE
- L-7M 4" SOLID WHITE STRIPE
- L-8T 8" SOLID WHITE LINE
- L-8TY 8" SOLID YELLOW STRIPE
- L-8AT 16" SOLID WHITE STOP BAR
- L-8BT 24" SOLID WHITE STOP BAR
- L-13 BUS ZONE STRIPE PER STD PLAN 713
- L-20T LEFT ARROW, PER STD PLAN 720
- L-21T RIGHT ARROW, PER STD PLAN 720
- L-17T LEFT & RIGHT ARROW, PER STD PLAN 720
- L-25T "ONLY" LEGEND, PER STD PLAN 721
- L-28T BICYCLIST SYMBOL PER STD PLAN 722
- L-28AT BIKE LANE SYMBOL PER STD PLAN 722
- L-28BT SHARROW SYMBOL PER STD PLAN 724
- L-36T BICYCLE DETECTOR LOOP SYMBOL PER STD PLAN 725
- L-BKDTT BICYCLE DOT (SEE DETAIL ON CHDT2)
- L-TP28(66)W FLEXIBLE DELINEATOR POST, 28"(66"), WHITE
- L-T2AW(Y)(B) LANE MARKER TYPE 2A, WHITE (YELLOW)(BLUE)
- L-40T CHEVRON MARKING PER DETAIL ON CHDT2
- SLOW "SLOW" PAVEMENT MARKING LEGEND
- M = METHYL METHACRYLATE (MMA)
- MP = PROFILED MMA (PER WSDOT STD PLAN M-20.20-02)
- T = THERMOPLASTIC
- GREEN GREEN PAVEMENT MARKING (MMA)

- INSTALL
- REMOVE
- RELOCATE/ MAINTAIN

SIGNAGE LEGEND

SEE SHEET CHDT3 FOR SIGNING LEGEND, SCHEDULE AND DETAILS

CHANNELIZATION



MATCHLINE STA 9+00 SEE DRAWING CH1

MATCHLINE STA 12+50 SEE BELOW LEFT

MATCHLINE STA 12+50 SEE ABOVE RIGHT

MATCHLINE STA 17+00 SEE DRAWING CH3

VAULT SERIAL NO.	DATE	MARK	NATURE	REVISIONS
37816				

PW#2019-084

PW#2019-084

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SEATTLE, WASHINGTON 20

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		DES.	PROJ. MGR.
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ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: 1"=20'

**VISION ZERO
12TH AVE S**

PC	TRC0813
CO	TRC0813
VPI #	790-946
CH2	
SHEET 22 OF 34	

NOTES

1. ALL CROSSWALKS SHALL BE 10' WIDE UNLESS OTHERWISE NOTED ON PLANS.
2. TYPE 2A LANE MARKERS SHALL BE INSTALLED PER STD PLAN 710.
3. INSTALL TYPE 2A BLUE LANE MARKERS ALIGNED WITH EACH FIRE HYDRANT. PLACE MARKER 6" FROM THE CENTERLINE STRIPE, ON SIDE CLOSER TO HYDRANT.
4. INSTALL OWNER-FURNISHED BICYCLE COUNTER AND DETECTOR LOOPS (ECO-COUNTER ZELT HD 4-LOOPS WITH URBAN MANHOLE), PER MANUFACTURER'S RECOMMENDATIONS. SEE SECTION 8-31.3(5)G.

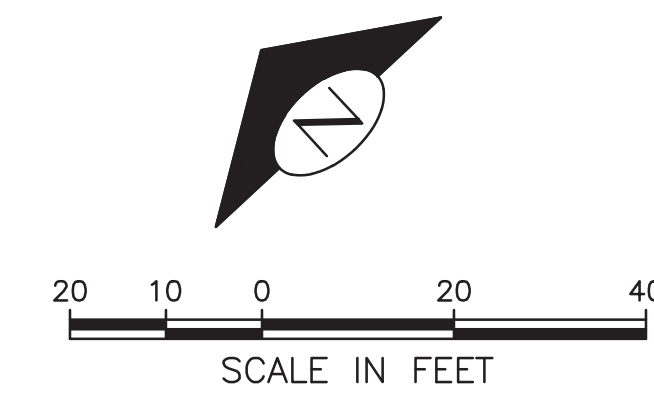
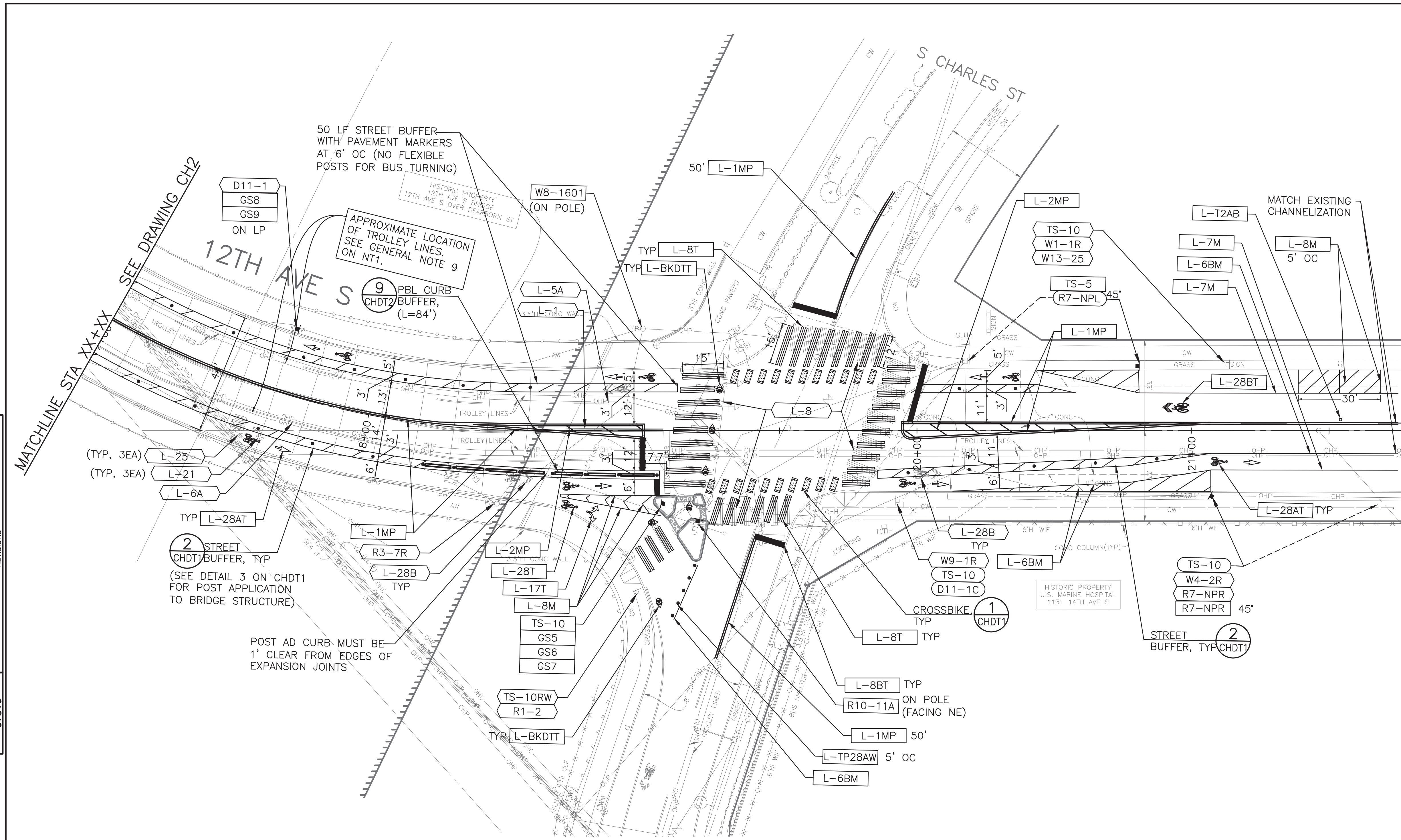
CHANNELIZATION LEGEND

L-1MP	4" SOLID YELLOW DOUBLE CENTER LINE
L-5AMP	DASHED 4" WHITE STRIPE (10' PAINT, 20' SKIP)
L-5BM	DASHED 6" WHITE STRIPE (2' PAINT, 4' SKIP)
L-5CM	DASHED 4" WHITE STRIPE (2' PAINT, 4' SKIP)
L-5DM	DASHED 4" YELLOW STRIPE (2' PAINT, 4' SKIP)
L-5XMP	DASHED 6" WHITE STRIPE (3' PAINT, 6' SKIP)
L-6AMP	4" SOLID WHITE STRIPE
L-6BM	6" SOLID WHITE STRIPE
L-7M	4" SOLID WHITE STRIPE
L-8T	8" SOLID WHITE LINE
L-8TY	8" SOLID YELLOW STRIPE
L-8AT	16" SOLID WHITE STOP BAR
L-8BT	24" SOLID WHITE STOP BAR
L-13	BUS ZONE STRIPE PER STD PLAN 713
L-20T	LEFT ARROW, PER STD PLAN 720
L-21T	RIGHT ARROW, PER STD PLAN 720
L-17T	LEFT & RIGHT ARROW, PER STD PLAN 720
L-25T	"ONLY" LEGEND, PER STD PLAN 721
L-28T	BICYCLIST SYMBOL PER STD PLAN 722
L-28AT	BIKE LANE SYMBOL PER STD PLAN 722
L-28BT	SHARROW SYMBOL PER STD PLAN 724
L-36T	BICYCLE DETECTOR LOOP SYMBOL PER STD PLAN 725
L-BKDTT	BICYCLE DOT (SEE DETAIL ON CHDT2)
L-TP28(66)W	FLEXIBLE DELINEATOR POST, 28"(66"), WHITE
L-T2AW(Y)(B)	LANE MARKER TYPE 2A, WHITE (YELLOW)(BLUE)
L-40T	CHEVRON MARKING PER DETAIL ON CHDT2
SLOW	"SLOW" PAVEMENT MARKING LEGEND
M	METHYL METHACRYLATE (MMA)
MP	PROFILED MMA (PER WSDOT STD PLAN M-20.20-02)
T	THERMOPLASTIC
GREEN	GREEN PAVEMENT MARKING (MMA)

- INSTALL
- REMOVE
- RELOCATE/ MAINTAIN

SIGNAGE LEGEND

SEE SHEET CHDT3 FOR SIGNING LEGEND, SCHEDULE AND DETAILS



VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REVD
37816					

PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

DESIGNED CHECKED	INITIALS AND DATE	REVIEWED: DES. SDOT	INITIALS AND DATE
DRAWN CHECKED	INITIALS AND DATE	CONST. PROJ. MGR.	INITIALS AND DATE
BY: PURCHASING AND CONTRACTING DIRECTOR		RECEIVED REVISED AS BUILT	



Seattle Department of Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: 1"=20'

**VISION ZERO
12TH AVE S**

CHANNELIZATION

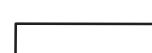
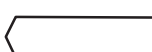

PC	TRC0813
CO	TRC0813
VPI #	790-946
CH3	
SHEET 23 OF 34	

NOTES

1. ALL CROSSWALKS SHALL BE 10' WIDE UNLESS OTHERWISE NOTED ON PLANS.
2. TYPE 2A LANE MARKERS SHALL BE INSTALLED PER STD PLAN 710.
3. INSTALL TYPE 2A BLUE LANE MARKERS ALIGNED WITH EACH FIRE HYDRANT. PLACE MARKER 6" FROM THE CENTERLINE STRIPE, ON SIDE CLOSER TO HYDRANT.
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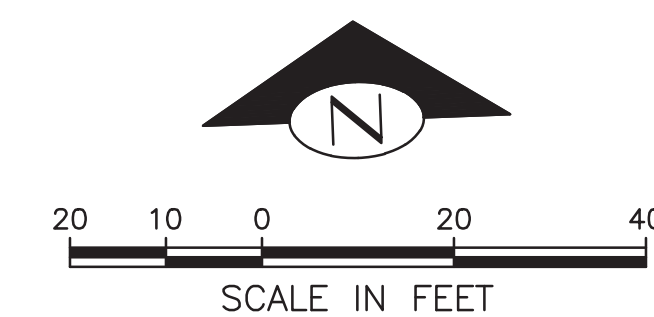
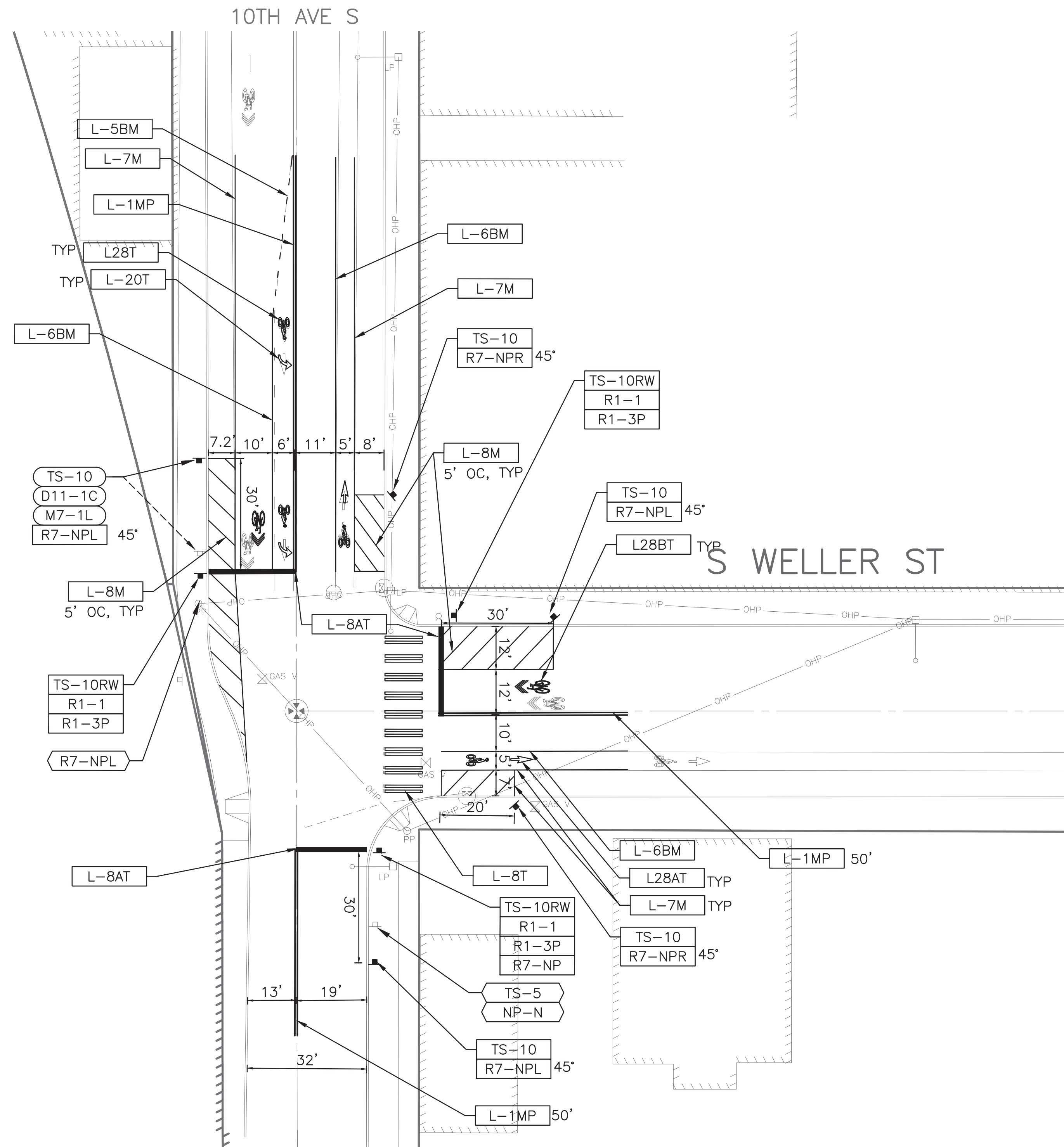
CHANNELIZATION LEGEND

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MP =	PROFILED MMA (PER WSDOT STD PLAN M-20.20-02)
T =	THERMOPLASTIC
GREEN	GREEN PAVEMENT MARKING (MMA)

-  INSTALL
-  REMOVE
-  RELOCATE/ MAINTAIN

SIGNAGE LEGEND

SEE SHEET CHDT3 FOR SIGNING LEGEND, SCHEDULE AND DETAILS

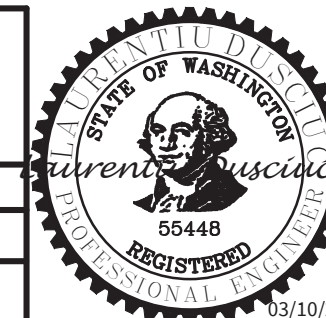


CHANNELIZATION

PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	CHECKED	REVIEWED:	CONST.
		SDOT	PROJ. MGR.
DRAWN	CHECKED	RECEIVED	
		REVISED AS BUILT	



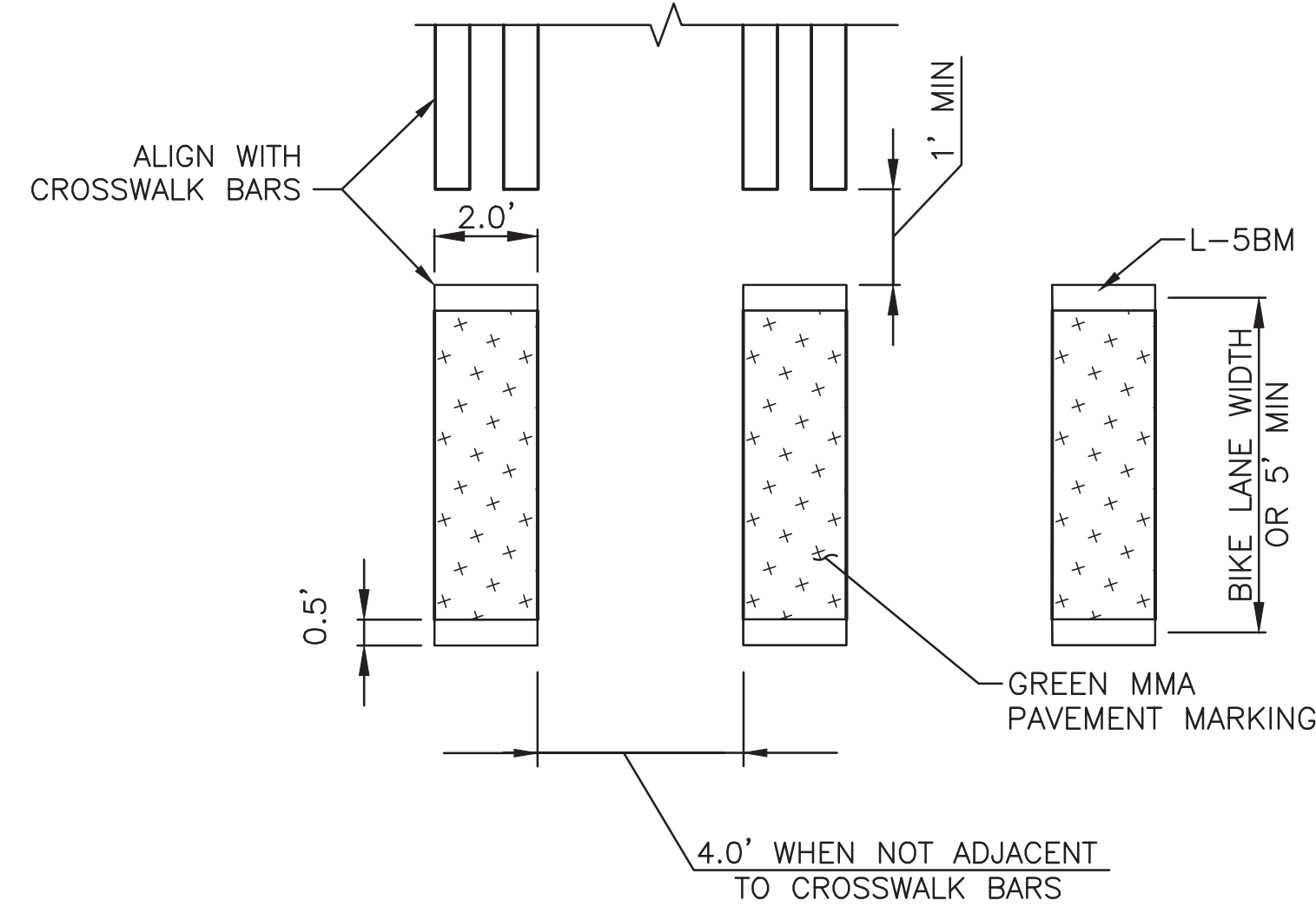
Seattle Department of Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: 1"=20'

**VISION ZERO
12TH AVE S**

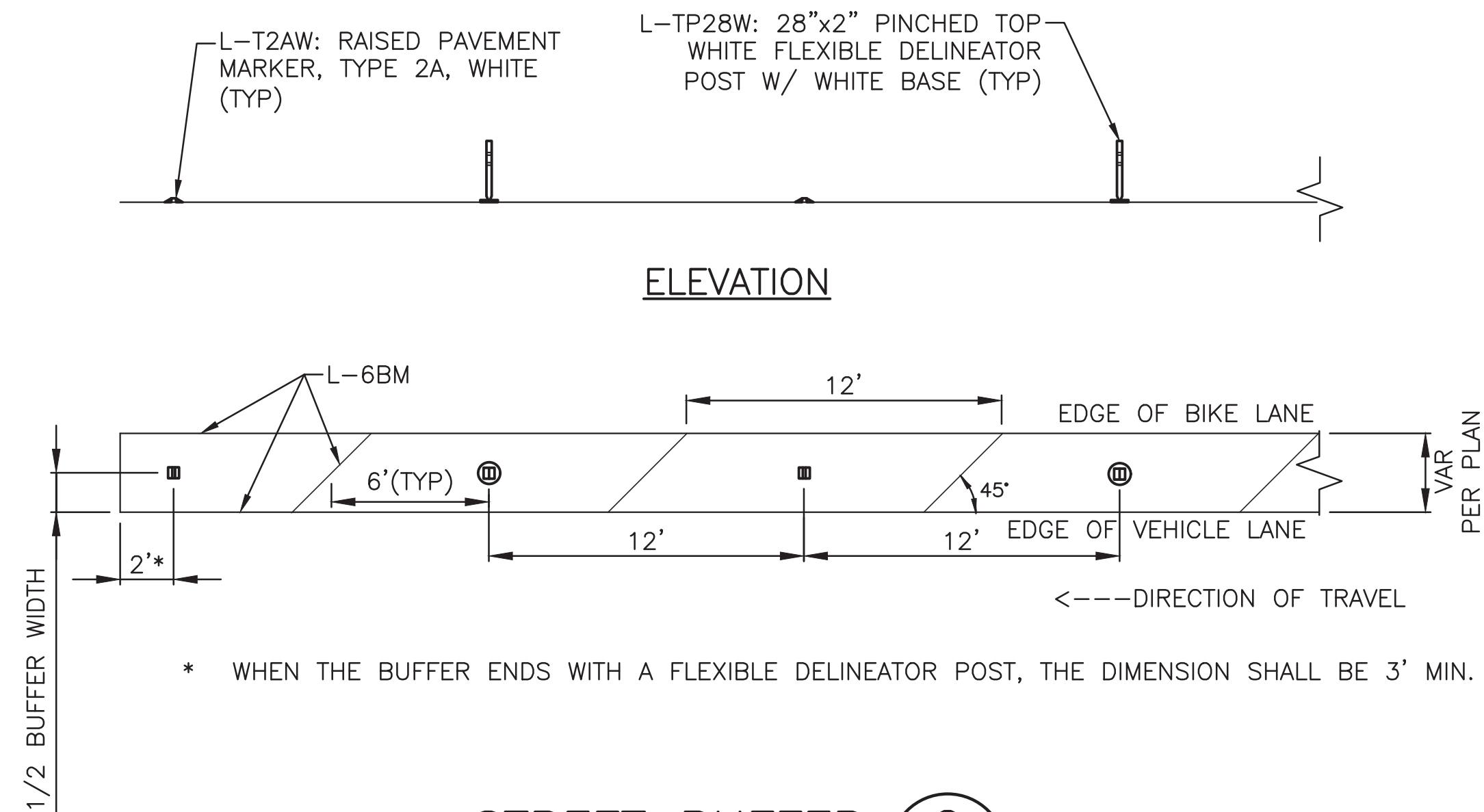
PC	TRC0813
CO	TRC0813
VPI #	790-946
CH4	
SHEET 24 OF 34	

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD REVD
37816				

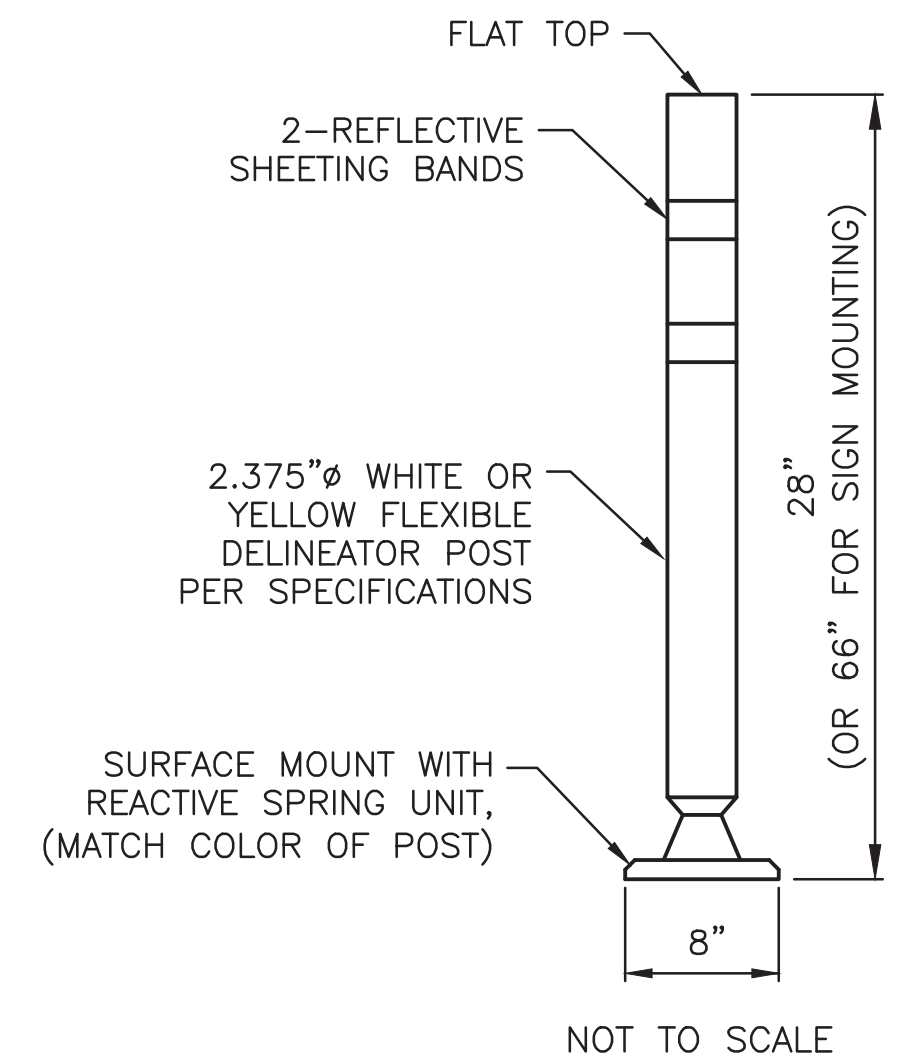
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Mar-06-20 12:43pm



CROSSBIKE ①
NOT TO SCALE



STREET BUFFER ②
NOT TO SCALE

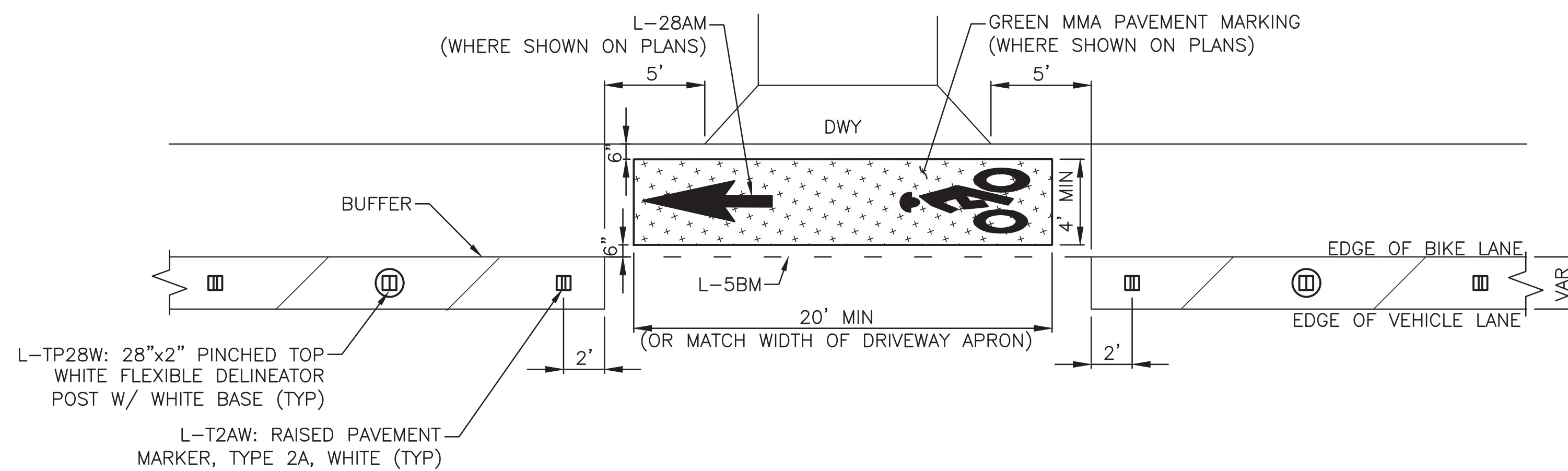


L-TP28W ③
NOT TO SCALE

APPLICATION TO PAVEMENT	
ASPHALT SURFACE	2-PART EPOXY AND BOLTED
CONCRETE SURFACE	BOLTED
STRUCTURES	2-PART EPOXY

NOTES:

1. POST MUST HAVE QUICK RELEASE BASE FOR APPLICATION TO BRIDGE STRUCTURE.
2. POST MUST BE AT LEAST 1' CLEAR FROM EDGE OF ALL EXPANSION JOINTS ON BRIDGE STRUCTURES.



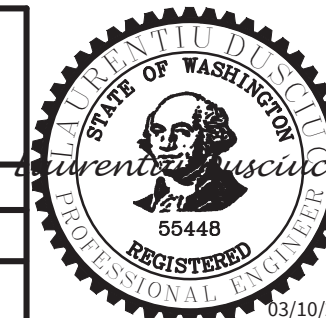
DRIVEWAY CROSSING ④
NOT TO SCALE

CHANNELIZATION DETAILS

PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

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



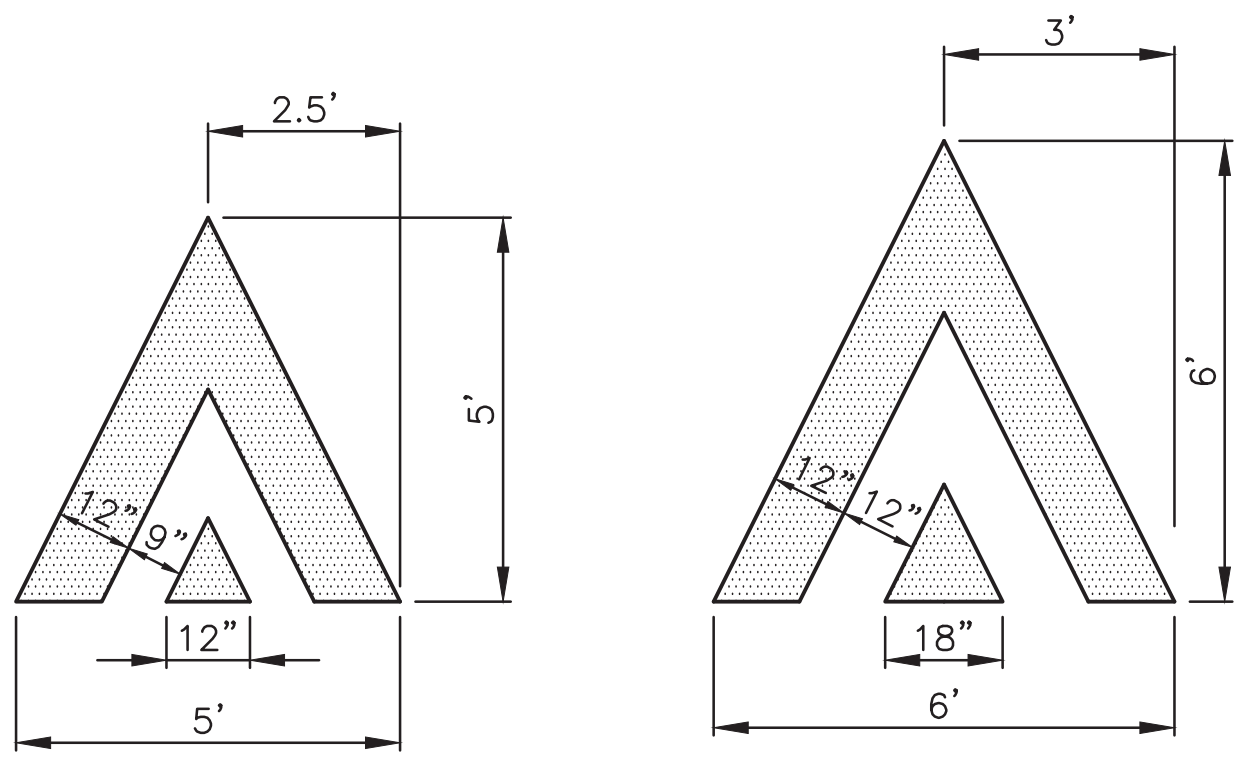
Seattle Department of Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: NONE

**VISION ZERO
12TH AVE S**

PC	TRC0813
CO	TRC0813
VPI #	790-946
CHDT1	
SHEET 25 OF 34	

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD REVD
37816			REVISIONS	

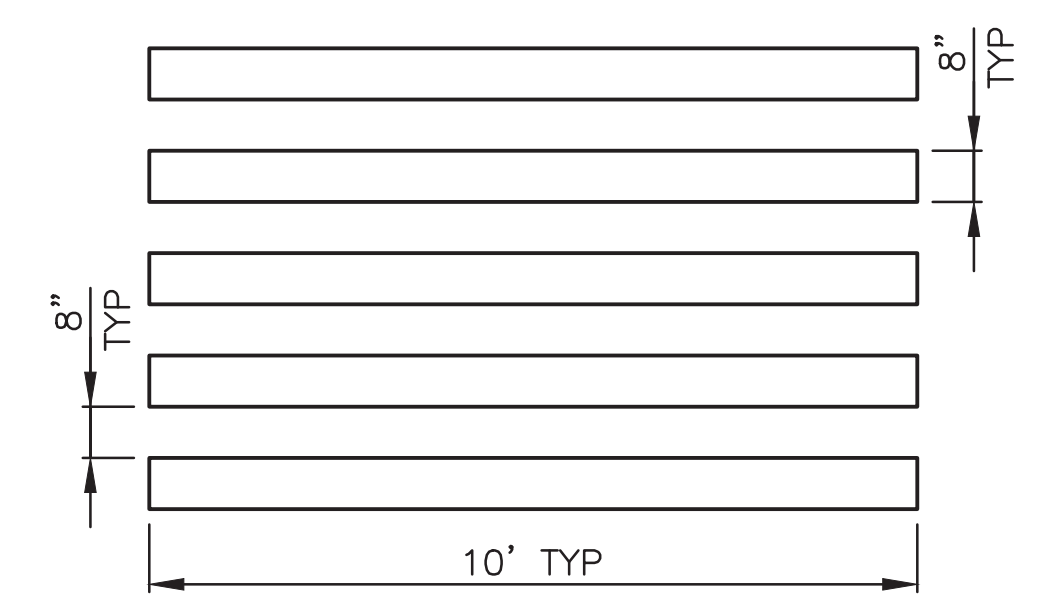
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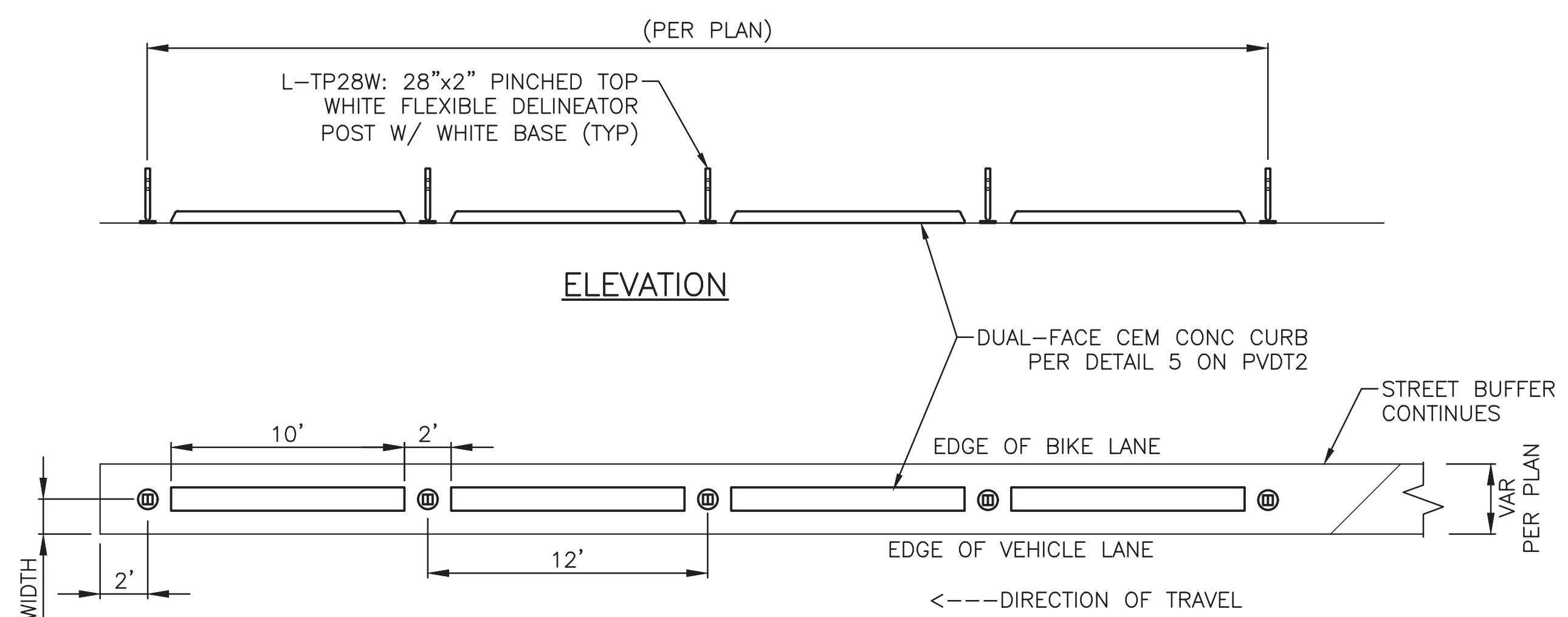
BIKE LANE
L-40T(MOD)

TRAVEL LANE
L-40T

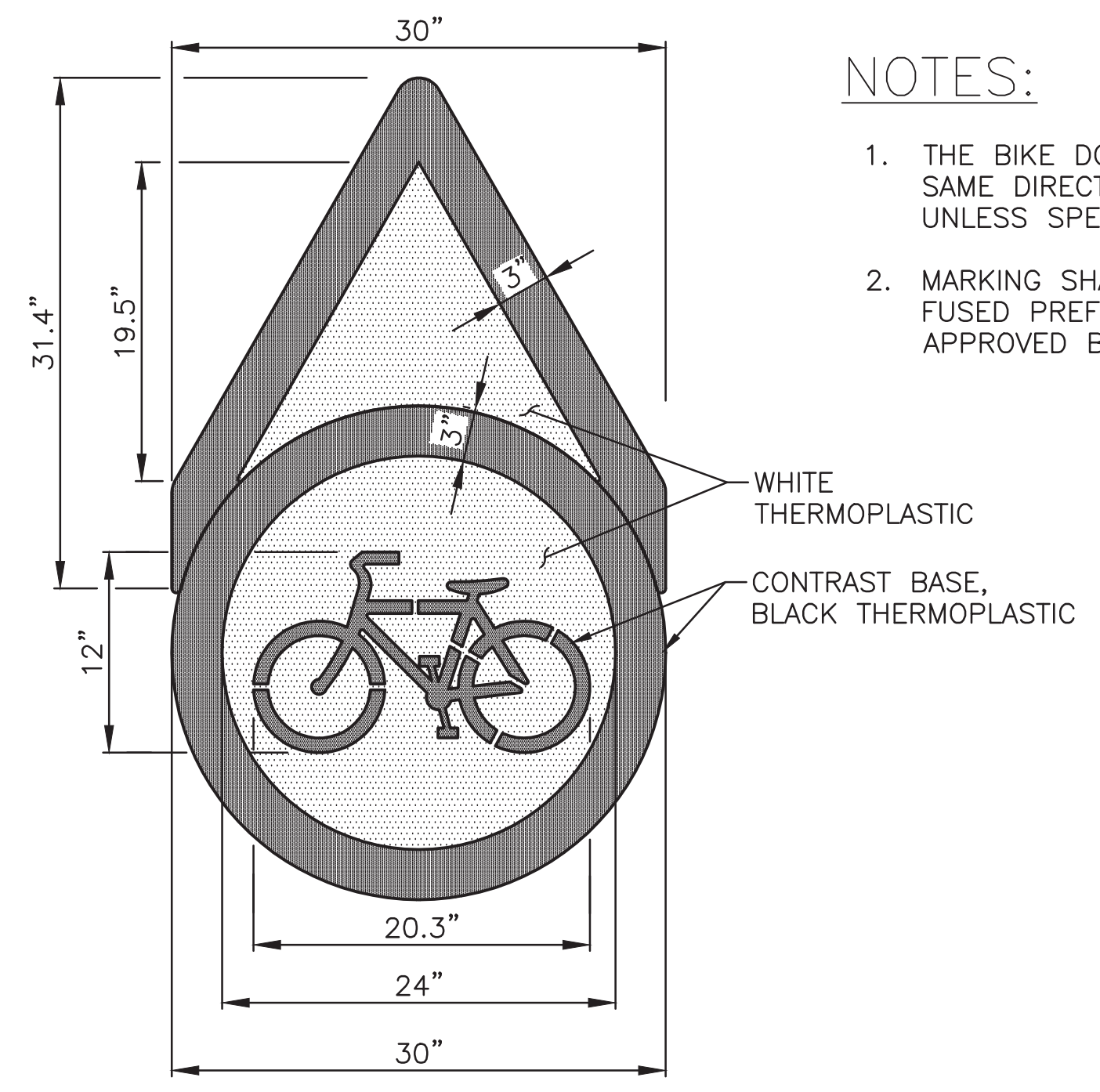
CHEVRON MARKING 6
NOT TO SCALE



PBL CROSSWALK 7
NOT TO SCALE



PBL CURB BUFFER AT
INTERSECTION APPROACH 9
NOT TO SCALE



BICYCLE DOT DETAIL 8
L-BKDTT
NTS

- NOTES:
1. THE BIKE DOT ORIENTATION SHALL BE THE SAME DIRECTION AS ACCOMPANY ARROW UNLESS SPECIFIED.
 2. MARKING SHALL BE THERMOPLASTIC, HEAT FUSED PREFORMED, 90 MIL., OR EQUAL APPROVED BY ENGINEER.

CHANNELIZATION DETAILS

PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

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



Seattle
Department of
Transportation
ORDINANCE NO. 125724 FW NO. 2019-084
SCALE: NONE

VISION ZERO
12TH AVE S

PC	TRC0813
CO	TRC0813
VPI #	790-946
CHDT2	
SHEET 26 OF 34	

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
37816						

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Mar-06-20 12:45pm

SIGN SCHEDULE (CONT.)

SIGN CODE	SIGN TEXT/ DESCRIPTION	SIGN IMAGE	SIGN SIZE
D1-1C	DESTINATION [RIGHT FACING BIKE][RIGHT ARROW]		36X6 RECTANGLE WHITE/GREEN
D1-4CG	[BIKE] DEST. 1 MILEAGE [ARROW] [BIKE] DEST. 2 MILEAGE [ARROW]		18X24 RECTANGLE GREEN/WHITE
D11-1C	[BIKE] DESTINATION 1 DESTINATION 2 (OPTIONAL)		18X24 RECTANGLE GREEN/WHITE
M1-8A-GWY	[GREEN OVAL] NEIGHBORHOOD GREENWAY		12X18 RECTANGLE GREEN/WHITE
M7-1L	[LEFT ARROW]		12X9 RECTANGLE GREEN/WHITE
M7-1R	[RIGHT ARROW]		12X9 RECTANGLE GREEN/WHITE
R1-1	STOP [RED BACKING]		30X30 OCTAGON WHITE/RED
R1-2	YIELD		36x36x36 TRIANGLE RED/WHITE
R1-3P	ALL WAY		12x18 RECTANGLE RED/WHITE
R2-25	SPEED LIMIT 25		LARGE VARIABLE MULTIPLE
R3-2	[NO LEFT TURN]		24X24 SQUARE RED/WHITE BLACK/WHITE
R3-5RC	[RIGHT TURN ARROW] ONLY, EXCEPT BICYCLES		30X36 RECTANGLE WHITE/BLACK
R3-125LX [1]	STREET NAME, LEFT TURN LANE [45L CRV ARROW]		24x36 RECTANGLE WHITE/BLACK

SIGN SCHEDULE (CONT.)

SIGN CODE	SIGN TEXT/ DESCRIPTION	SIGN IMAGE	SIGN SIZE
R3-17	[BIKE], BIKE LANE		30X24 RECTANGLE WHITE/BLACK BLACK/WHITE
R3-17C	ENDS		30X12 RECTANGLE BLACK/WHITE
R7-1	NO PARKING ANYTIME		12x18 RECTANGLE RED/WHITE
R7-BUSC	[BUS] [CUSTOM SIGNS WITH BUS ROUT INFORMATION]		LARGE VARIABLE MULTIPLE
R7-NP	[RED SLASHED CIRCLE] P		12X12 SQUARE RED/WHITE
R7-NPL	[SLASH OVER CIRCLE] P [LEFT ARROW] (ORIENTED 45° TOWARDS TRAFFIC)		12X18 RECTANGLE RED/WHITE BLACK/WHITE
R7-NPR	[SLASH OVER CIRCLE] P [RIGHT ARROW] (ORIENTED 45° TOWARDS TRAFFIC)		12X18 RECTANGLE RED/WHITE BLACK/WHITE
R7-WI30	[CIRCLE SLASH P] WITHIN 30 FEET		12X18 RECTANGLE RED/WHITE
R8-1HR	1HR PARKING 7AM-6PM EXC SUN-HOL		12X18 RECTANGLE GREEN/WHITE
R8-1HRL	1HR [CIRCLE P] 7AM-6PM EXC SUN-HOL [LEFT ARROW]		12X18 RECTANGLE GREEN/WHITE
R8-2HR	2 HR PARKING		12X18 RECTANGLE GREEN/WHITE

SIGN SCHEDULE (CONT.)

SIGN CODE	SIGN TEXT/ DESCRIPTION	SIGN IMAGE	SIGN SIZE
R8-LULD	30 M LOAD & UNLOAD ONLY 7A-6P EXC SUN-HOL, TAZ		12x18 RECTANGLE BLACK/YELW RED/WHITE
R8-PLZ	PASSENGER LOAD ONLY TOW-AWAY ZONE		12X18 RECTANGLE BLACK/WHITE RED/WHITE
R9-6	[BIKE] YIELD TO PEDS		18x24 RECTANGLE RED/BLACK/WHITE
R10-11A	NO TURN ON RED		30X36 RECTANGLE BLACK/WHITE/RED
R10-15RA	TURNING VEHICLES [RIGHT ARROW] [STOP] FOR [PED][BIKE]		30X30 SQUARE BLACK/FLGR BLACK/WHITE
S1-1	[SCHOOL PED]		30X30 PENTAGON BLACK/FLGR
S4-3	SCHOOL		24X8 RECTANGLE BLACK/FLGR
S5-1	SCHOOL, SPEED LIMIT 20 WHEN CHILDREN ARE PRESENT		24X48 RECTANGLE BLACK/FLGR BLACK/WHITE
S5-2	END SCHOOL ZONE		24x30 RECTANGLE BLACK/WHITE
W1-1R	[90R CRV ARROW]		30X30 DIAMOND BLACK/YELLOW
W13-25	25 MPH		18X18 SQUARE BLACK/YELLOW

SIGNING LEGEND

- GS# GUIDE SIGN (SEE BICYCLE GUIDE SIGN SCHEDULE)
 - MP METAL POST
 - SNS STREET NAME SIGN(S)
 - TS-5 5-FOOT SIGN POST PER STD PLAN NO 625
 - TS-10 10-FOOT SIGN POST PER STD PLAN NO 625
 - TS-10RW 10-FOOT SIGN POST WITH RED AND WHITE STRIPED POST SLEEVE PER STD PLAN 620
 - FGY FLUORESCENT YELLOW GREEN POST SLEEVE
 - WP WOOD POST
- INSTALL
 REMOVE
 RELOCATE/ MAINTAIN

REVISED

12th Ave S VZ - 4/13/2020

BICYCLE GUIDE SIGN SCHEDULE

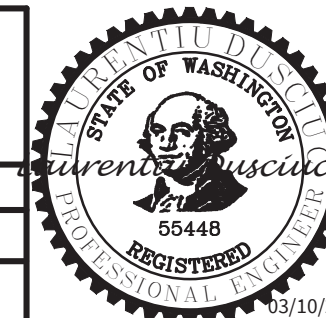
GS# (GUIDE SIGN #)	SHEET	SIGN CODE	SIGN		SIZE
			ARROW	SIGN TEXT	
GS1	CH1	D1-4CG	AHEAD	[BIKE] Mt To Sound Trail 0.3	18X24
			AHEAD	[BIKE] Pratt Park 0.5	
			AHEAD	[BIKE] Judkins Park 0.7	
GS2	CH1	D1-4CG	AHEAD	[BIKE] Chinatown Int'l Dist 0.3	18X24
			AHEAD	[BIKE] Amtrak/Light Rail 0.5	
			AHEAD	[BIKE] Pioneer Square 0.9	
GS3	CH1	D1-4CG	LEFT	[BIKE] Mt To Sound Trail 0.3	18X24
			LEFT	[BIKE] Amtrak/Light Rail 0.5	
			LEFT	[BIKE] Pioneer Square 0.9	
GS4	CH1	D1-4CG	AHEAD	[BIKE] Judkins Park 0.7	18X24
			AHEAD	[BIKE] Central District 1.1	
			AHEAD	[BIKE] Amtrak/Light Rail 0.5	
GS5	CH3	D1-1BL	LEFT	[BIKE] Mt To Sound Trail	36X6
GS6	CH3	D1-1CR	RIGHT	[BIKE] N Beacon Center 0.9	36X6
GS7	CH3	D1-1CAH	AHEAD	[BIKE] Beacon Hill Sta 1.1	36X6
GS8	CH3	D1-1CAH	AHEAD	[BIKE] Amtrak/Light Rail 0.8	36X6
GS9	CH3	D1-1CAH	AHEAD	[BIKE] Central District 1.4	36X6

VAULT SERIAL NO. 37816
 DATE MARK
 NATURE REVISIONS
 MADE CHKD REVD

PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

INITIALS AND DATE
DESIGNED CHECKED
DRAWN CHECKED
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.



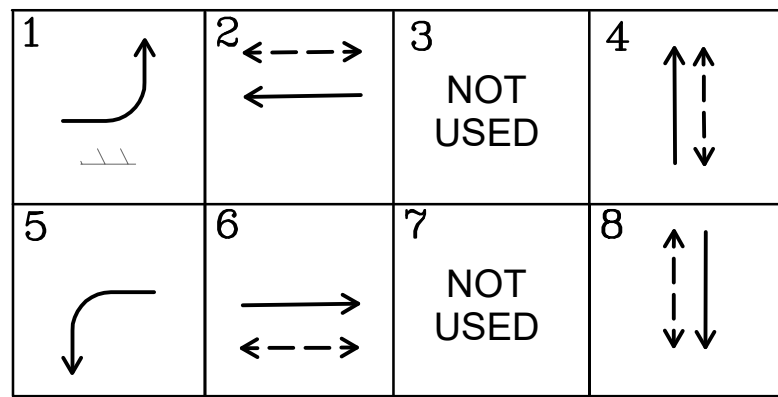
Seattle Department of Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: NONE

VISION ZERO
12TH AVE S

PC TRC0813
CO TRC0813
VPI # 790-946
CHDT3
SHEET 27 OF 34

CHANNELIZATION DETAILS

EX PHASE DIAGRAM



PHASE 2 IS NB 12TH AVE S
VEHICLE
PEDESTRIAN

12TH AVE S

GENERAL NOTES

- UNLESS OTHERWISE NOTED, ALL HANDHOLE LIDS WILL BE LABELED "SDOT"
- WARNING: HIGH VOLTAGE TROLLEY LINES. REFER TO COS STD SPEC SECT 1-10.27D FOR COORDINATION
- ALL CITY LIGHT HANDHOLES, INCLUDING SERVICES FOR STREET LIGHTING AND TRAFFIC SIGNALS SHALL BE GROUNDED AND BONDED PER SCL STD 1714.50

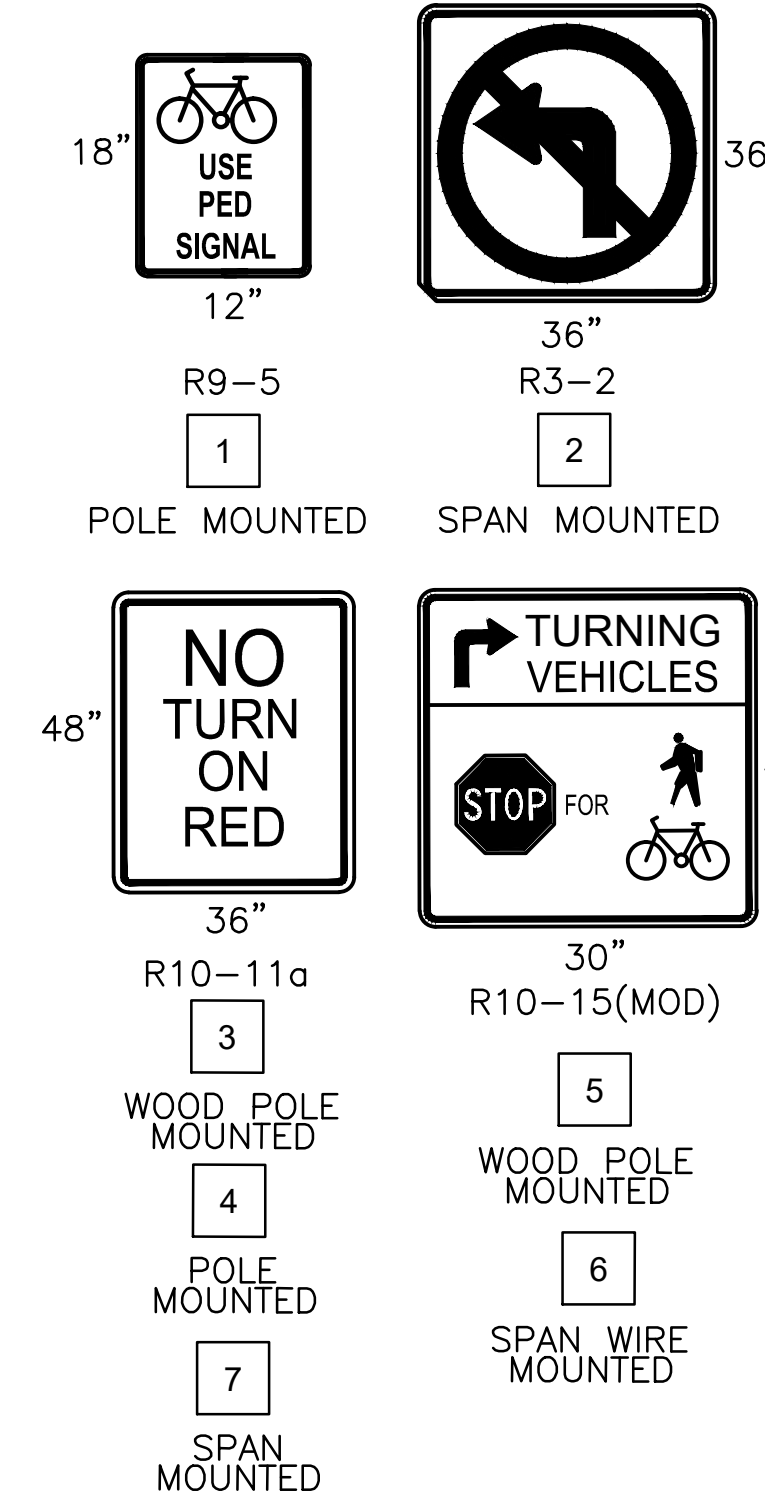
CONSTRUCTION NOTES

- INSTALL 1" RETRO-REFLECTIVE TAPE TO EX SIGNAL HEAD. REF TO STD PLAN 510g
- RELOCATE EX PEDESTRIAN SIGNAL HEAD TO THE LOCATION SHOWN ON THE DRAWING
- INTERCEPT EX HANDHOLE WITH NEW CONDUITS. REFER TO WIRING SCHEDULE
- INTERCEPT EX CONDUIT AND ROUTE TO NEW HANDHOLE. REMOVE AND REPULL ALL CONDUCTORS. REFER TO WIRING SCHEDULE
- REMOVE EX HANDHOLE AND REPLACE WITH NEW HANDHOLE. MAINTAIN AND PROTECT EX CONDUIT AND CONDUCTORS. MAY NEED TO REMOVE AND RE-PULL EX CONDUCTORS
- RAISE SPAN WIRE ON POLE 2' FOR SIGNAL HEAD CLEARANCE TO ROADWAY. MIN CLEARANCE OF 17' REQUIRED
- INSTALL NEW WOOD POLE. REF TO SECT 8-32.3(1)B, 8-32.3(1)C, POLE SCHEDULE AND METRO STANDARD SA-214 (IN APPENDIX)
- GUY WIRE INSTALLED BY OTHERS

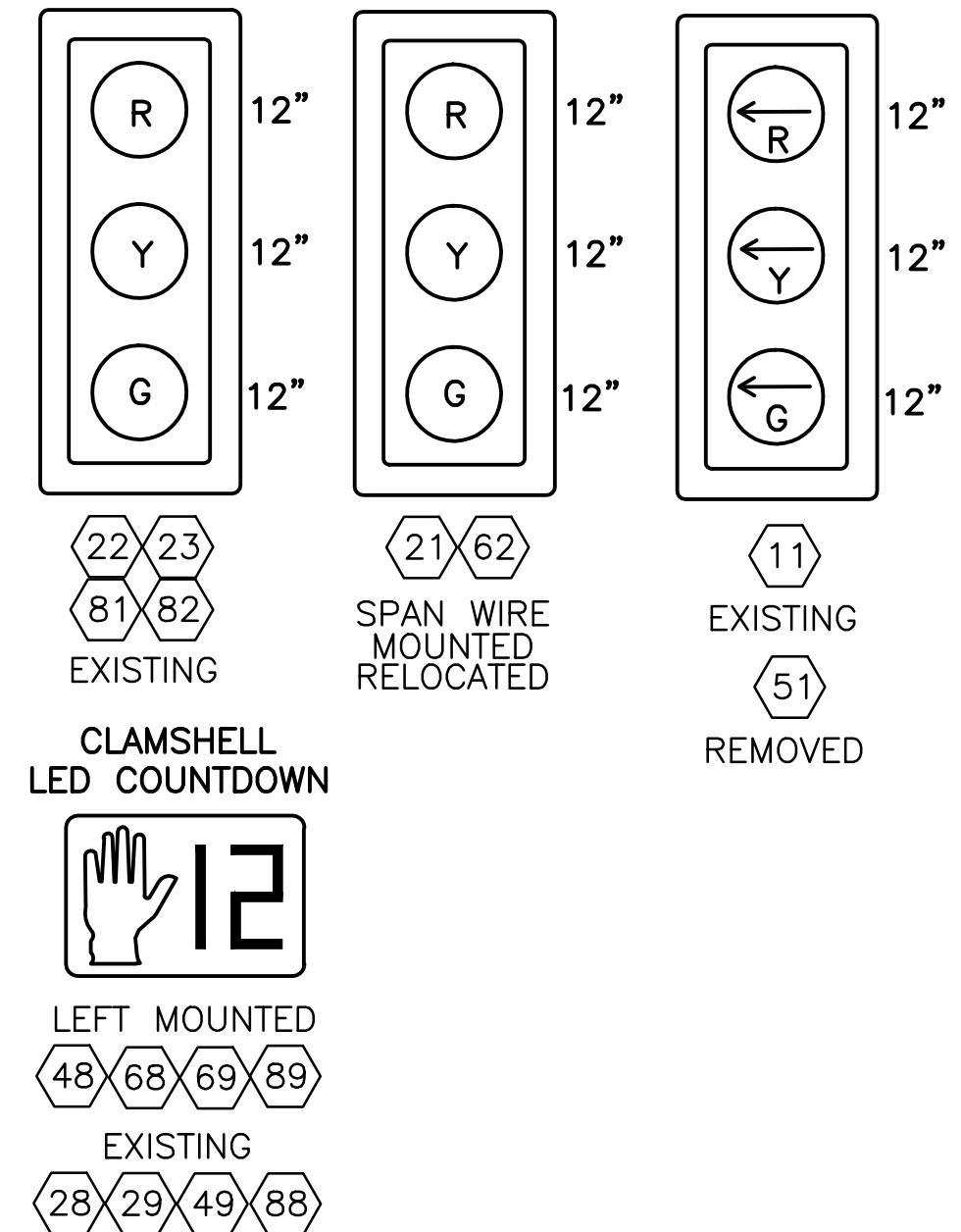
REMOVAL NOTES

- (R1) REMOVE AND SALVAGE EX VEHICLE SIGNAL HEAD
- (R2) REMOVE AND SALVAGE EX PEDESTRIAN PUSHBUTTON. PROTECT EX WIRING
- (R3) RELOCATE EX PEDESTAL POLE. REMOVE EX FOUNDATION TO A DEPTH OF 3'
- (R4) REMOVE AND SALVAGE EX PEDESTRIAN SIGNAL HEAD
- (R5) REMOVE EX TYPE II TRAFFIC SIGNAL CONTROLLER CABINET AND INSTALL ON EX ADJACENT HANDHOLE. ONCE NEW TRAFFIC CONTROLLER CABINET IS INSTALLED & TESTED, REMOVE EX HH
- (R6) REMOVE EX HANDHOLE AND INSTALL NEW HANDHOLE. PROTECT EX CONDUIT & CONDUCTORS
- (R7) REMOVE AND RELOCATE EX VEHICLE SIGNAL HEAD
- (R8) TRIM/REMOVE EX VEGETATION
- (R9) REMOVE EX GUIDESIGNS AND INSTALL ON NEW POST. REFER TO CHAN DRAWINGS

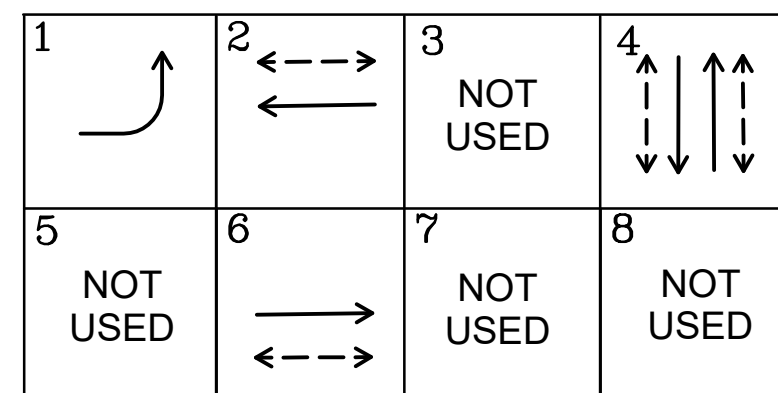
SIGNS



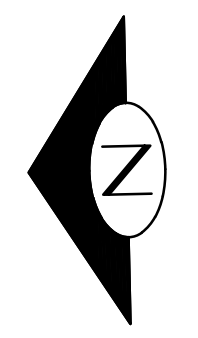
SIGNAL HEAD DISPLAY



PROPOSED PHASE DIAGRAM



PHASE 2 IS NB 12TH AVE S
VEHICLE
PEDESTRIAN



SIGNALS
12TH AVE S & S KING ST

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
37816						

P:\SDOT\PC\TRC0813_12th Ave S VisionZero\A-P\Plot_Sheets\TRC0813_P-SIG.dwg
Apr-09-20 5:32pm

<p>PW#2019-084</p>	<p>APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20</p>	<p>INITIALS AND DATE DESIGNED CS / JRW CHECKED KML</p>	<p>INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.</p>		<p>ORDINANCE NO. 125724 PW NO. 2019-084</p>	<p>VISION ZERO 12TH AVE S</p>	<p>PC TRC0813 CO TRC0813 VPI # 790-946</p>
		<p>DRAWN JRW CHECKED CS</p>	<p>RECEIVED REVISED AS BUILT</p>				
<p>ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION G-02.3 OF THE PROJECT MANUAL.</p>							
<p>SHEET 28 OF 34</p>							

WIRING SCHEDULE

RUN NO.	CONDUIT SIZE	VEH HEAD	PED HEAD	PPB	LOOPS	INTER-CONNECT	SVC	GND	REMARKS
1	2-2" TRCD				6-1C			#6	
2	1-2" TRCD				8-2C			#6	
3	1-2" TRCD				3-2C			#6	
4	1-1" TRCD			1PR(SH)				#6	
5	1-2" TRCD		1-3C	2PR(SH)				#6	
6	1-2" TRCD		1-3C	1PR(SH)				#6	
7	EX TRCD			2PR(SH)				#6	
8	1-2" TRCD		2-3C	2PR(SH)				#6	
	1-2" TRCD				3-2C			#6	
9	EX TRCD		2-3C	2PR(SH)	3-2C			#6	
10	SPAN	1-5C						#6	
11	SPAN	1-10C, 1-5C						#6	
12	SPAN	1-10C, 1-5C, 2-3C		2PR(SH)				#6	
13	SPAN	2-10C						#6	
14	SPAN		2-5C	1PR(SH)				#6	
15	SPAN	2-10C, 1-5C						#6	
16	SPAN	3-10C						#6	
17	3-3" TRCD								SPARE/EMPTY
18	EX 3"	2-3C		2PR(SH)	4-2C			#6	
19	SPAN	1-5C, 2-3C		2PR(SH)	4-2C			#6	
20	SPAN	1-10C, 2-3C		2PR(SH)	4-2C			#6	
21	3-3" TRCD			1PR(SH)	4-2C			#6	
22	EX 2-3"	4-10C, 8-3C		8PR(SH)	12-2C			#6	
23	4-3" TRCD	4-10C, 8-3C		8PR(SH)	12-2C	1- TWISTED PAIR (CU)		#6	TERMINATE IN CONTROLLER CABINET

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

PEDESTRIAN PUSH BUTTON (PPB) SCHEDULE

PPB NO.	POLE NO.	AZIMUTH	PHASE	ACCESSIBLE PEDESTRIAN SIGNAL (APS)	
				ARROW DIR FACING PPB	CUSTOM MESSAGE
PPB47	P1	0	4	LEFT	WALK SIGN IS ON TO CROSS SOUTH KING STREET
PPB26	P2	270	2	RIGHT	WALK SIGN IS ON TO CROSS 12TH AVENUE SOUTH
PPB49	P4	270	4	RIGHT	WALK SIGN IS ON TO CROSS SOUTH KING STREET
PPB27	P5	180	2	LEFT	WALK SIGN IS ON TO CROSS 12TH AVENUE SOUTH
PPB48	P6	180	4	RIGHT	WALK SIGN IS ON TO CROSS SOUTH KING STREET
PPB66	P7	90	6	LEFT	WALK SIGN IS ON TO CROSS 12TH AVENUE SOUTH
PPB67	P8	90	6	RIGHT	WALK SIGN IS ON TO CROSS 12TH AVENUE SOUTH
PPB46	P9	0	4	RIGHT	WALK SIGN IS ON TO CROSS SOUTH KING STREET

SEE STD PLAN NO. 522b FOR APS PEDESTRIAN PUSHBUTTON ASSEMBLY

180 DEGREES = 12TH AVE NB

POLE SCHEDULE

POLE NO.	LOCATION			POLE TYPE	POLE LENGTH (FT)	FOUNDATION TYPE
	STATION	OFFSET	LT/RT			
P1	STA 3+79.5,	28.1'	RT	PPB POST	4.5	STD PLAN 521
P2	STA 3+90,	33.7'	LT	PPB POST	4.5	STD PLAN 521
P3	STA 3+90,	46.7'	LT	PPB POST	4.5	STD PLAN 521
P4	STA 4+36.7,	32'	LT	PPB POST	4.5	STD PLAN 521
P5	EXISTING			EXISTING	EX	EX
P6	STA 4+40.4,	28.6'	RT	PPB POST	4.5	STD PLAN 521
P7	STA 4+37.6,	40.6'	RT	AL PEDESTAL	10	STD PLAN 524
P8	STA 3+ 89.9,	44.2'	RT	PPB POST	4.5	STD PLAN 521
P9	STA 3+75,	31.7'	RT	AL PEDESTAL	10	STD PLAN 524
P10	STA 5+ 4.60,	25.87'	RT	CLASS 1 WOOD POLE	40	METRO STD SA- 214.3 (APPENDIX)

LOOP SCHEDULE

LOOP	PHASE	BIKE DETECTOR SYMBOL	# TURNS	INDUCTANCE*	RESISTANCE*
L11	1	YES	4		
L12	1	NO	4		
L13	1	NO	4		
L41	4	YES	4		
L41B	4	YES	**		
L42	4	NO	4		
L43	4	NO	4		
L44	4	YES	4		
L45	4	YES	4		
L46	4	NO	4		
L47	4	NO	4		
L45B	4	YES	**		
L46B	4	YES	**		
L47B	4	YES	**		

*CONTRACTOR TO FILL-IN AT FINAL TESTING. COORDINATE WITH THE INSPECTOR

BICYCLE PUSH BUTTON (BPB) SCHEDULE

PPB NO.	POLE NO.	LOCATION**	AZIMUTH	PHASE
BPB48	P3	STA 3+40, 46.7' LT	0	4
BPB49	P7	STA 4+ 37.6, 40.6' RT	180	4

SEE STD PLAN NO. 522a FOR BICYCLE PUSHBUTTON ASSEMBLY

**180 DEGREES = 12TH AVE NB

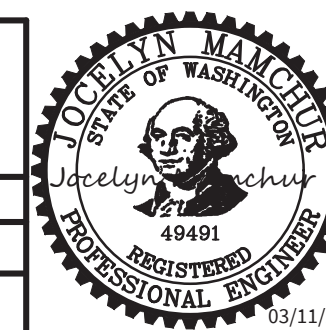
SIGNALS
12TH AVE S & S KING ST

PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

INITIALS AND DATE
DESIGNED CS / JRW
CHECKED KML
DRAWN JRW
CHECKED CS
BY:
PURCHASING AND CONTRACTING DIRECTOR

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 G-02.3 OF THE PROJECT MANUAL.



Seattle Department of Transportation
ORDINANCE NO. 125724
PW NO. 2019-084
SCALE: NONE

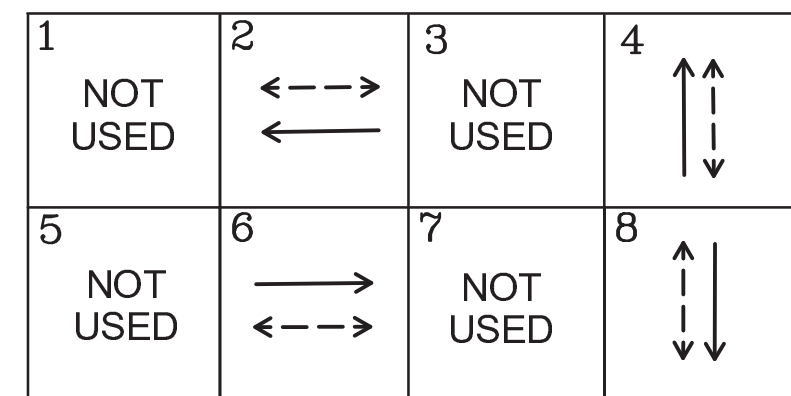
VISION ZERO
12TH AVE S

PC TRC0813
CO TRC0813
VPI # 790-946
SG2
SHEET 29 OF 34

VAULT SERIAL NO. 37816
 DATE MARK
 NATURE REVISIONS
 MADE CHKD REVD

P:\SDOT\CP\trc0813_12th_ave_s_visionzero\p-plot sheets\TRC0813_P-SIG.dwg
 Mar-06-20 12:52pm

EXISTING PHASE DIAGRAM



PHASE 2 IS NB 12TH AVE S
VEHICLE →
PEDESTRIAN ←→

GENERAL NOTES

- UNLESS OTHERWISE NOTED, ALL HANDHOLE LIDS WILL BE LABELED "SDOT"
- WARNING: HIGH VOLTAGE TROLLEY LINES. REFER TO COS STD SPEC SECT 1-10.27D FOR COORDINATION
- ALL CITY LIGHT HANDHOLES, INCLUDING SERVICES FOR STREETLIGHTING AND TRAFFIC SIGNALS SHALL BE GROUNDED AND BONDED PER SCL STD 1714.50

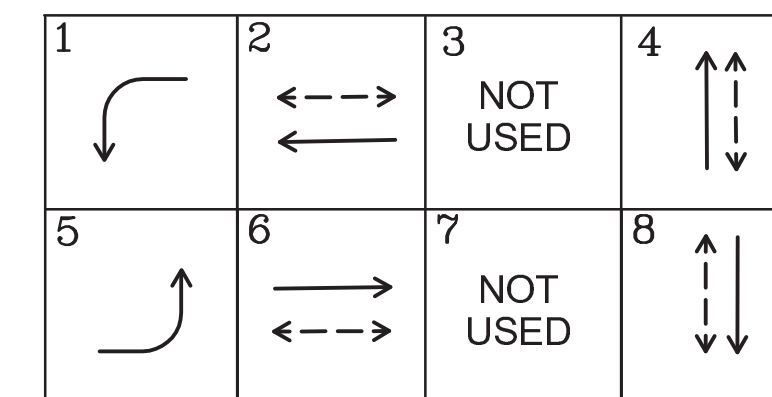
CONSTRUCTION NOTES

- INSTALL 1" RETRO-REFLECTIVE TAPE TO EX SIGNAL HEAD. REF TO STD PLAN 510a AND SECT 8-31.3(9)a
- RELOCATE EX PEDESTRIAN SIGNAL HEAD 69 TO POLE P3
- INTERCEPT EX HANDHOLE WITH NEW CONDUITS. REFER TO WIRING SCHEDULE
- INSTALL NEW OWNER FURNISHED TRAFFIC SIGNAL CONTROLLER CABINET ON EXISTING FOUNDATION
- INSTALL NEW SIGNAL HEAD TO EXISTING POLE

REMOVAL NOTES

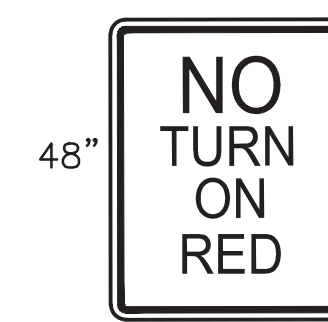
- REMOVE AND SALVAGE EXISTING OVERHEAD SIGN
- REMOVE AND SALVAGE EX VEHICLE SIGNAL HEAD
- REMOVE AND SALVAGE EX PEDESTRIAN PUSHBUTTON(S)
- REMOVE AND SALVAGE EX PEDESTRIAN SIGNAL HEAD
- REMOVE EX TYPE II TRAFFIC SIGNAL CONTROLLER CABINET AND INSTALL ON EX ADJACENT HANDHOLE. ONCE NEW TRAFFIC CONTROLLER CABINET IS INSTALLED & TESTED, REMOVE EX HH. REF TO SECT 8-31.XX
- REMOVE EX HANDHOLE AND INSTALL NEW HANDHOLE. PROTECT EX CONDUIT & CONDUCTORS
- ONCE CABINET IS REMOVED FROM HANDHOLE, REMOVE EX HANDHOLE
- TRIM/REMOVE EX VEGETATION

PROPOSED PHASE DIAGRAM



PHASE 2 IS NB 12TH AVE S
VEHICLE →
PEDESTRIAN ←→

SIGNS

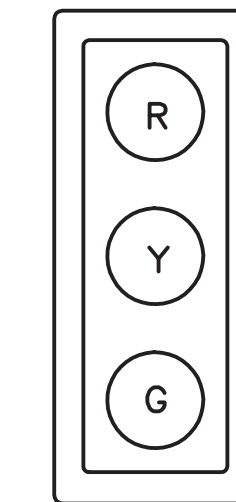


36"
R10-11a
1
WOOD POLE

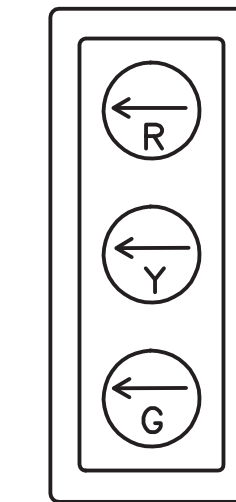


36"
R3-2
2
SPAN MOUNTED

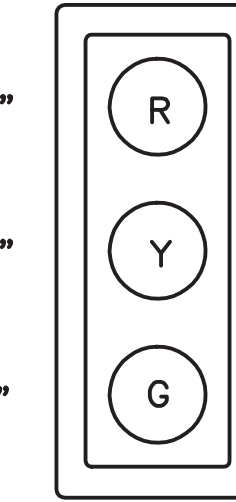
SIGNAL HEAD DISPLAY



41 42
43 44
EXISTING



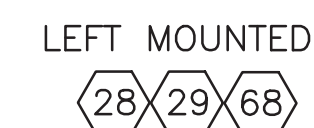
51
SPAN WIRE MOUNTED



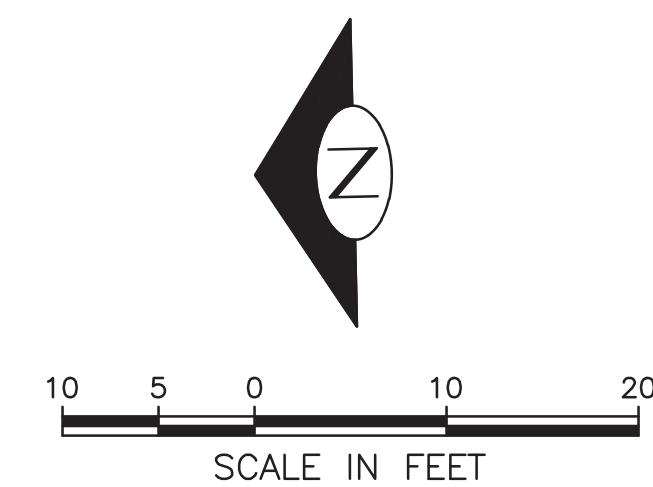
21 61 62
SPAN WIRE MOUNTED



RIGHT MOUNTED
48 47



LEFT MOUNTED
28 29 68
EXISTING
49 69 46



VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
37816						



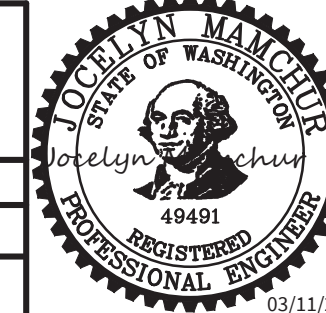
PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

INITIALS AND DATE
DESIGNED CS / JRW
CHECKED KML
DRAWN JRW
CHECKED CS
BY:
PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE
REVIEWED:
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 G-02.3 OF THE PROJECT MANUAL.

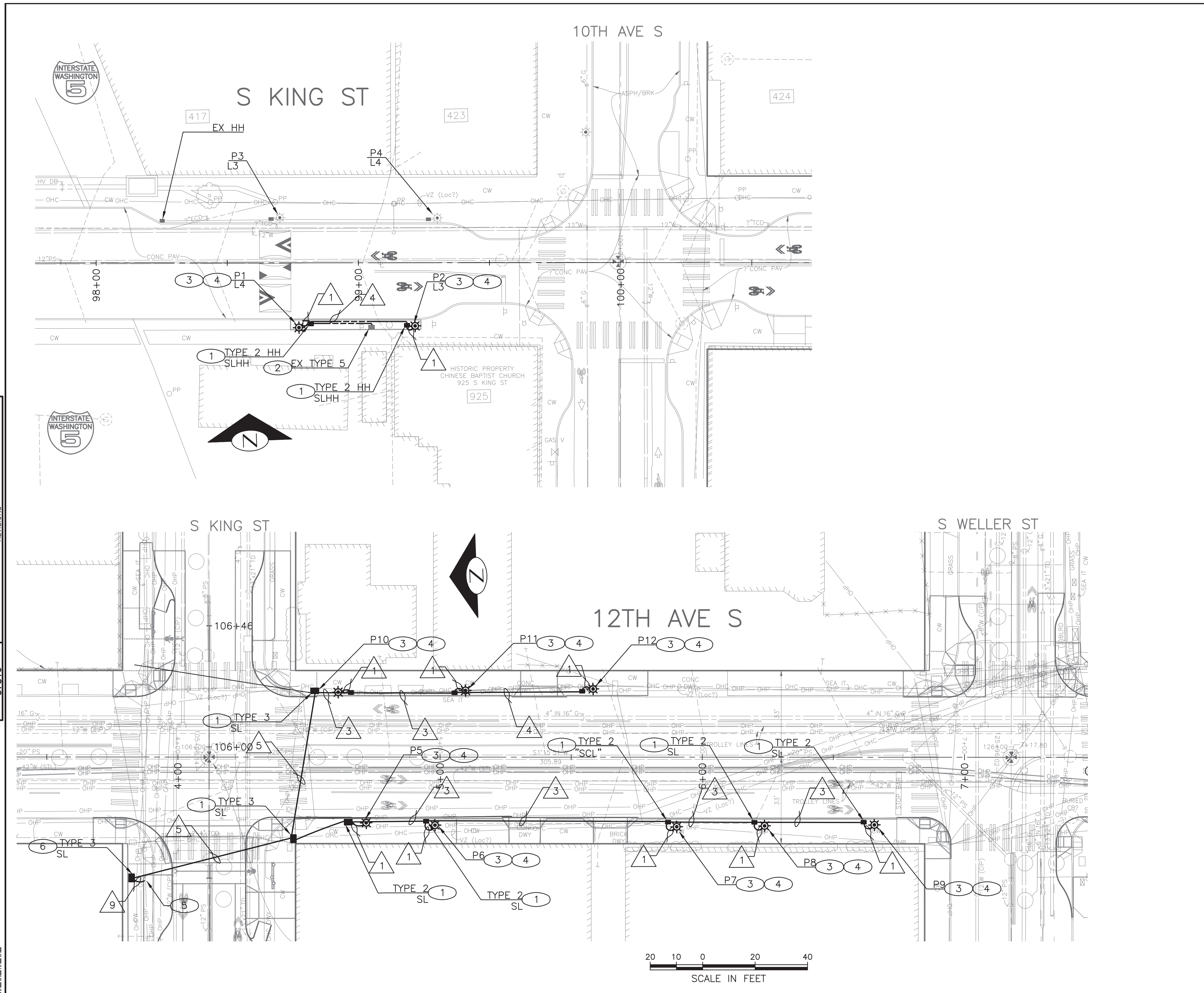


Seattle Department of Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: 1"=10'

SIGNALS
12TH AVE S & S WELLER ST
VISION ZERO
12TH AVE S

PC TRC0813
CO TRC0813
VPI # 790-946
SG3
SHEET 30 OF 34

VAULT SERIAL NO.	DATE	MARK	NATURE	REVISIONS
37816				



CONSTRUCTION NOTES

- 1 INSTALL HANDHOLE (TYPE SHOWN ON DRAWING) PER SCL STD 1716.07 AND 1714.50. GROUNDING AND BONDING SHALL START FROM SLDHH PER SCL STD 1714.50
- 2 CONNECT CONDUIT TO EX 444 INSTALLED UNDER A SEPARATE CONTRACT. COORDINATE THRU THE ENGINEER
- 3 INSTALL PEDESTRIAN LUMINAIRE, POLE, FOUNDATION AND BASE COVER PER SCL STANDARDS. LUMINAIRE: INTERNATIONAL FIXTURE, KING LUMINAIRE, SCL MAT'L STD 5723.31 #CAT K56-P4AR-V-40(SSL)-7030, TYP POLE: WHATLEY, INC PER SCL MAT'L STD 5760.13 BASECOVER: WHATLEY, INC MODEL D10M-OCT. CUSTOM COLOR: THERMAL RED REFER TO SECTION 9-30 FOR MORE INFORMATION
- 4 INSTALL 2 FT SQUARE CONCRETE PAD AT BASE OF POLE
- 5 SERVICE POINT. INSTALL 2-3" RISER ON EX POLE
- 6 INSTALL STREETLIGHT (SL) DISTRIBUTION HANDHOLE

GENERAL NOTES

- 1. ALL CONDUITS WITH A CONDUCTOR SHALL CONTAIN A GROUNDWIRE. ALL GROUNDWIRE SHALL BE #6 AWG
- 2. ALL TRENCHES SHALL CONTAIN A #4 COPPER WIRE
- 3. GROUNDING SHALL BE PER SCL STANDARD 1714.50 FOR SCL LOOPED RADIAL SYSTEM
- 4. UNDERGROUND STREETLIGHT SYSTEM SHALL BE PER SCL STD 1714.50

LEGEND

- PEDESTRIAN LUMINAIRE, POLE & BASECOVER
POLE: WHATLEY, INC CAT#C050-12-AB. CUSTOM COLOR: GREY, PER SCL MAT'L STD 5760.13
BASECOVER: PER STD 5760.13. COLOR: THERMAL RED
LUMINAIRE: INTERNATIONAL FIXTURE, KING LUMINAIRE, SCL MAT'L STD 5723.31 #CAT K56-P4AR-V-40(SSL)-7030, TYP
COLOR: THERMAL RED
- EXISTING PEDESTRIAN LUMINAIRE

WIRING SCHEDULE

RUN NO	CONDUIT SIZE	PED LIGHTING	GROUND	PED LIGHT SERVICE	COMMENTS
1	2" ECD	1-3C/#12	#6		CONNECT TO LUMINAIRE
3	2" ECD	3-#6 (L3, L4,N)	#6		
	2" ECD				SPARE/EMPTY
4	2" ECD	2 #6 (L,N)	#6		
	2" ECD				SPARE/EMPTY
5	3" ECD	3-#6 (L3, L4,N)	#6		
	3" ECD				SPARE/EMPTY
6	EX 2-2"	2-#6 (L3/L4,N)	#6		
7	EX 2-2"	1-3C/#12	#6		CONNECT TO LUMINAIRE
8	SPAN	2-#6	#6	YES	SERVICE
9	2-3"	2-#6	#6	YES	SERVICE
10	2-2"				SPARE - FUTURE USE



PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	CHECKED	REVIEWED:	CONST.
		SDOT	PROJ. MGR.
DRAWN	CHECKED	RECEIVED	
		REVISED AS BUILT	

BY: PURCHASING AND CONTRACTING DIRECTOR

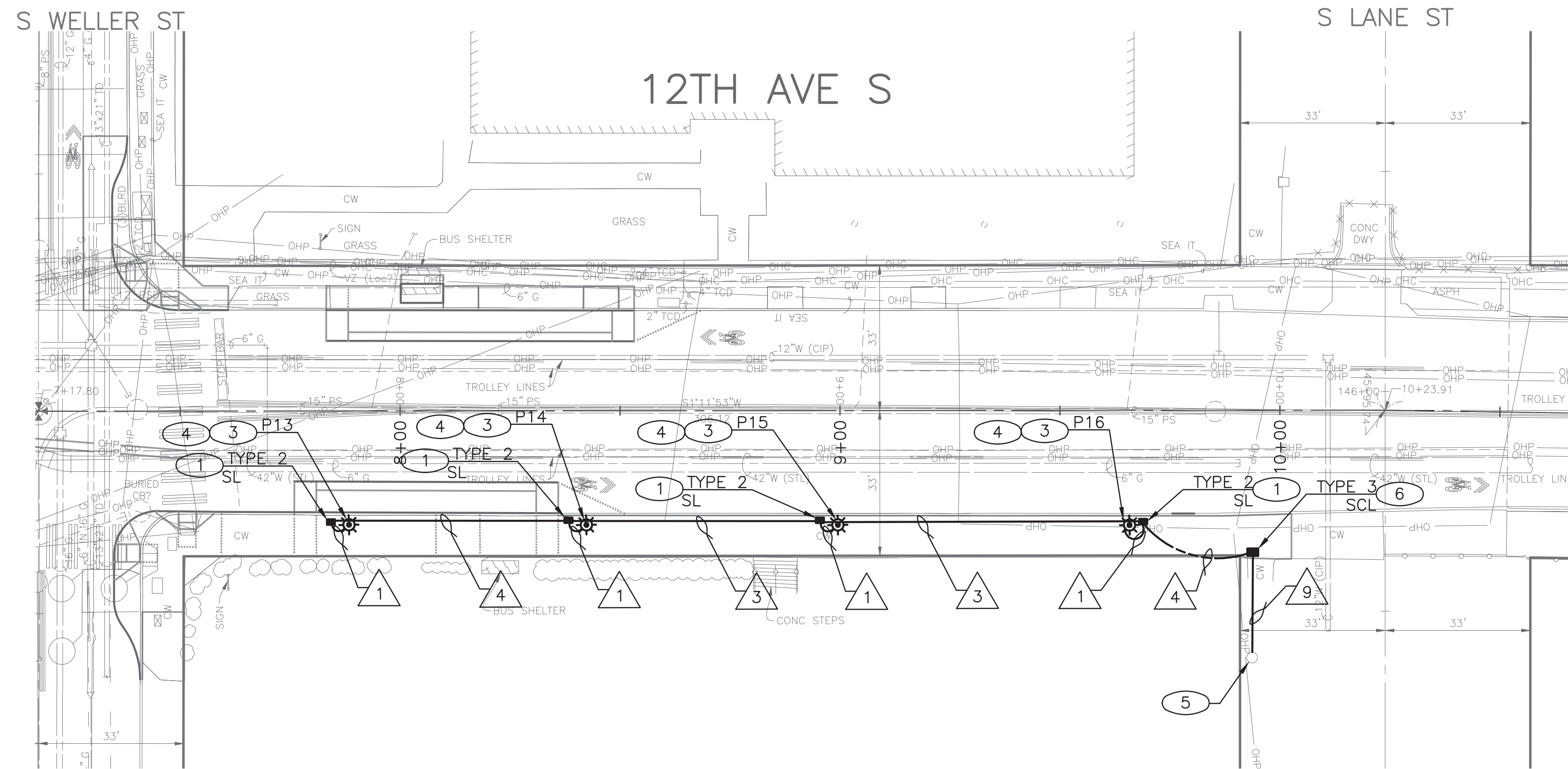
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Seattle Department of Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: 1"=20'

**VISION ZERO
12TH AVE S**

VISION ZERO
PC TRC0813
CO TRC0813
VPI # 790-946
LT1
SHEET 32 OF 34



CONSTRUCTION NOTES

- 1 INSTALL HANDHOLE (TYPE SHOWN ON DRAWING) PER SCL STD 1716.07 AND 1714.50. GROUNDING AND BONDING SHALL START FROM SLDHH PER SCL STD 1714.50
- 2 CONNECT CONDUIT TO EX 444 INSTALLED UNDER A SEPARATE CONTRACT. COORDINATE THRU THE ENGINEER
- 3 INSTALL PEDESTRIAN LUMINAIRE, POLE, FOUNDATION AND BASE COVER PER SCL STANDARDS.
LUMINAIRE: INTERNATIONAL FIXTURE, KING LUMINAIRE, SCL MAT'L STD 5723.31 #CAT K56-P4AR-V-40(SSL)-7030, TYP
POLE: WHATLEY, INC PER SCL MAT'L STD 5760.13
BASECOVER: WHATLEY, INC MODEL D10M-OCT. CUSTOM COLOR: THERMAL RED
REFER TO SECTION 9-30 FOR MORE INFORMATION
- 4 INSTALL 2 FT SQUARE CONCRETE PAD AT BASE OF POLE
- 5 SERVICE POINT. INSTALL 2-3" RISER ON EX POLE
- 6 INSTALL STREETLIGHT (SL) DISTRIBUTION HANDHOLE

GENERAL NOTES

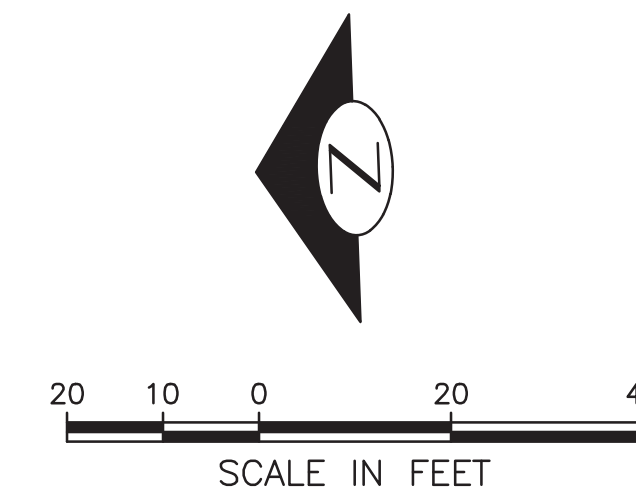
1. ALL CONDUITS WITH A CONDUCTOR SHALL CONTAIN A GROUNDWIRE. ALL GROUNDWIRE SHALL BE #6 AWG
2. ALL TRENCHES SHALL CONTAIN A #4 COPPER WIRE
3. GROUNDING SHALL BE PER SCL STANDARD 1714.50 FOR SCL LOOPED RADIAL SYSTEM
4. UNDERGROUND STREETLIGHT SYSTEM SHALL BE PER SCL STD 1714.50

LEGEND

- PEDESTRIAN LUMINAIRE, POLE & BASECOVER
POLE: WHATLEY, INC CAT#C050-12-AB. CUSTOM COLOR: GREY, PER SCL MAT'L STD 5760.13
BASECOVER: PER STD 5760.13. COLOR: THERMAL RED
LUMINAIRE: INTERNATIONAL FIXTURE, KING LUMINAIRE, SCL MAT'L STD 5723.31 #CAT K56-P4AR-V-40(SSL)-7030, TYP
COLOR: THERMAL RED
- EXISTING PEDESTRIAN LUMINAIRE

WIRING SCHEDULE

RUN NO	CONDUIT SIZE	PED LIGHTING	GROUND	PED LIGHT SERVICE	COMMENTS
1	2" ECD	1-3C/#12	#6		CONNECT TO LUMINAIRE
3	2" ECD	3-#6 (L3, L4,N)	#6		
	2" ECD				SPARE/EMPTY
4	2" ECD	2 #6 (L,N)	#6		
	2" ECD				SPARE/EMPTY
5	3" ECD	3-#6 (L3, L4,N)	#6		
	3" ECD				SPARE/EMPTY
6	EX 2-2"	2-#6 (L3/L4,N)	#6		
7	EX 2-2"	1-3C/#12	#6		CONNECT TO LUMINAIRE
8	SPAN	2-#6	#6	YES	SERVICE
9	2-3"	2-#6	#6	YES	SERVICE
10	2-2"				SPARE - FUTURE USE



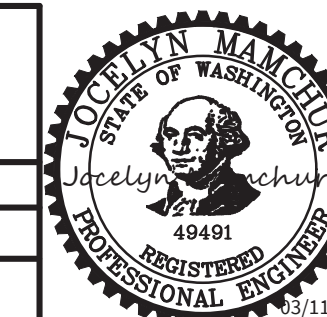
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37816				

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Mar-06-20 12:50pm

PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	CHECKED	REVIEWED:	CONST.
		DES.	PROJ. MGR.
DRAWN	CHECKED	RECEIVED	
		REVISED AS BUILT	
BY:		ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-22.3 OF THE PROJECT MANUAL.	
PURCHASING AND CONTRACTING DIRECTOR			



Seattle
Department of
Transportation
ORDINANCE NO. 125724 PW NO. 2019-084
SCALE: 1"=20'

VISION ZERO
12TH AVE S

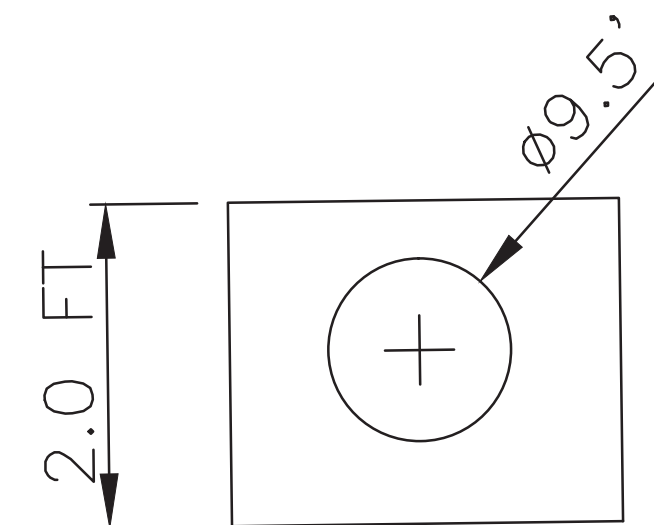
LIGHTING

PC	TRC0813
CO	TRC0813
VPI #	790-946
LT2	
SHEET	33 OF 34

POLE SCHEDULE

POLE NO.	LOCATION (STA/OFFSET)	HEIGHT (FT)	FOUNDATION	POLE BASE COVER	LUMINAIRE WATTAGE	CIRCUIT
P1	STA 94+73, 17.9' LT	12	STD PLAN 543B	WATLEY D10M-OCT	42W/LED	L3
P2	STA 95+33, 17.9' LT	12	STD PLAN 543B	WATLEY D10M-OCT	42W/LED	L4
P3	EX	EX	STD PLAN 543B	EX	EX	L3
P4	EX	EX	STD PLAN 543B	EX	EX	L4
P5	STA 97+35, 17.9' LT	12	STD PLAN 543B	WATLEY D10M-OCT	42W/LED	L3
P6	STA 94+74.5, 23.5' RT	12	STD PLAN 543B	WATLEY D10M-OCT	42W/LED	L4
P7	STA 95+37, 23.5' RT	12	STD PLAN 543B	WATLEY D10M-OCT	42W/LED	L4
P8	STA 94.75, 23.5' RT	12	STD PLAN 543B	WATLEY D10M-OCT	42W/LED	L3
P9	STA 95+37, 23.5' RT	12	STD PLAN 543B	WATLEY D10M-OCT	42W/LED	L4
P10	STA 995+97, 23.5' RT	12	STD PLAN 543B	WATLEY D10M-OCT	42W/LED	L3
P11	STA 96+55, 23.5' RT	12	STD PLAN 543B	WATLEY D10M-OCT	42W/LED	L4
P12	STA 97+97, 23.5' RT	12	STD PLAN 543B	WATLEY D10M-OCT	42W/LED	L3
P13	STA 98+70, 23.5' RT	12	STD PLAN 543B	WATLEY D10M-OCT	42W/LED	L4
P14	STA 99+22, 23.5' RT	12	STD PLAN 543B	WATLEY D10M-OCT	42W/LED	L3
P15	STA					L3

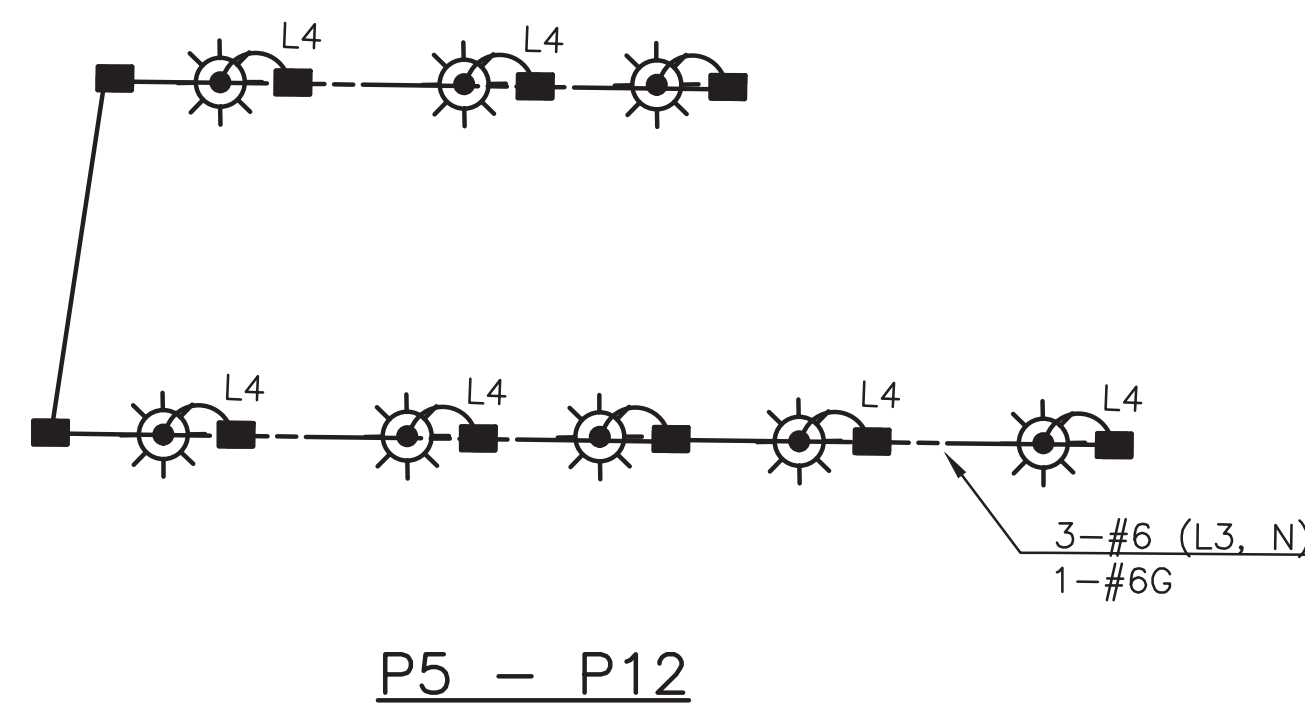
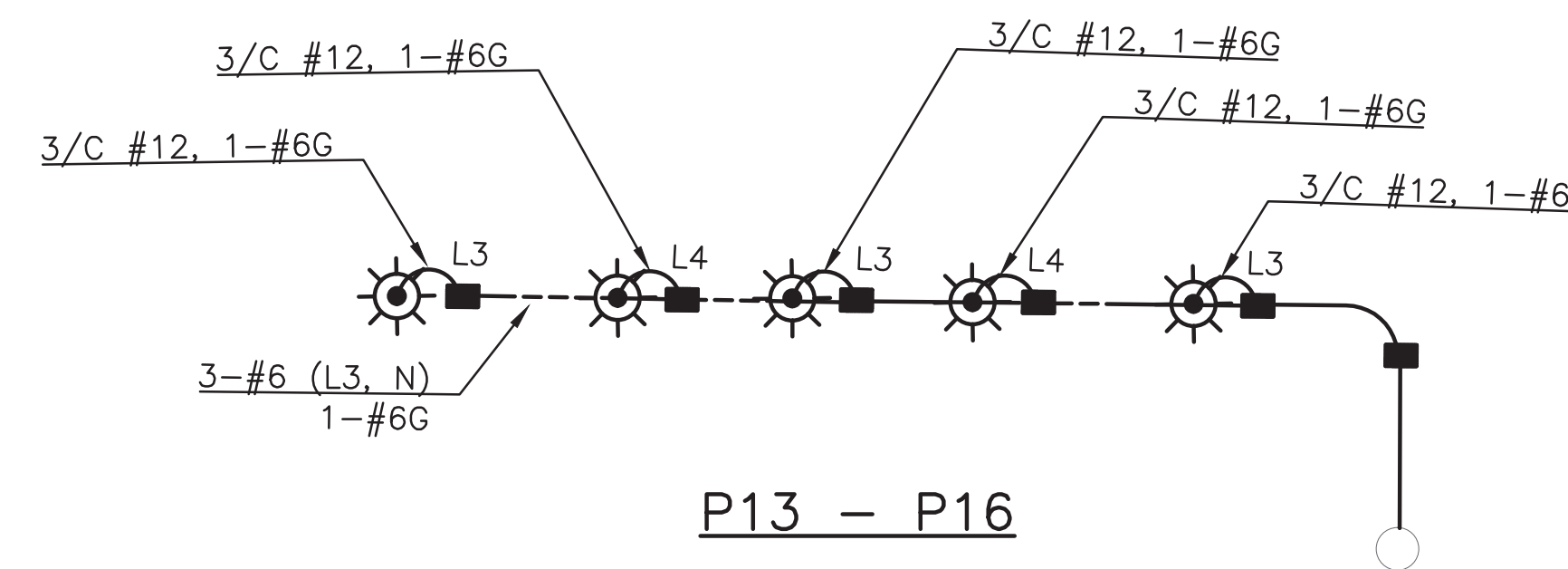
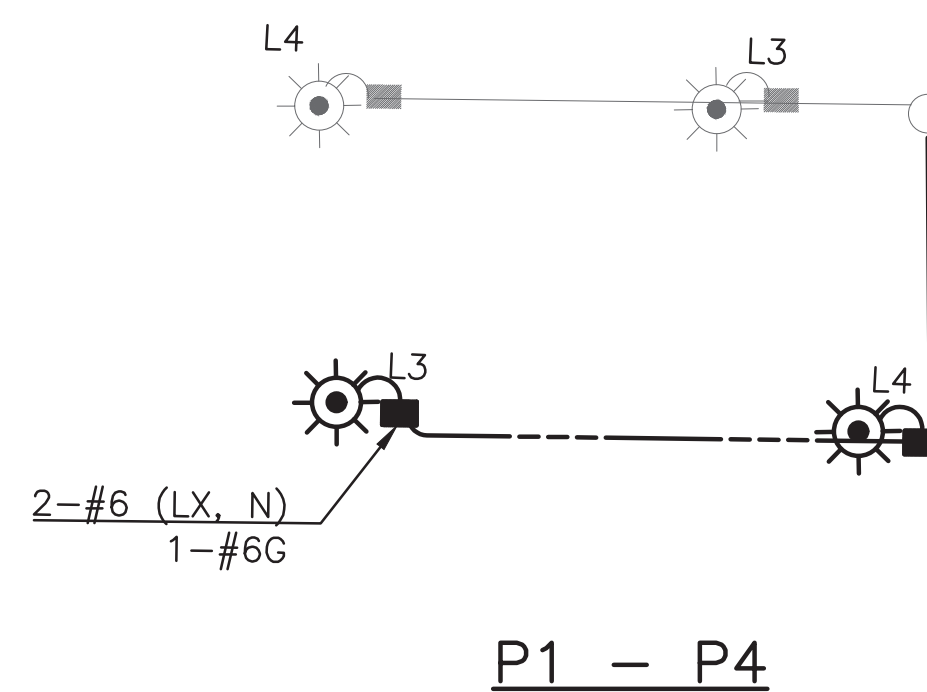
POLE BASE DETAIL - CONCRETE PAD



GENERAL NOTES

1. ALL CONDUITS WITH A CONDUCTOR SHALL CONTAIN A GROUNDWIRE. ALL GROUNDWIRE SHALL BE #4 AWG
2. ALL TRENCHES SHALL CONTAIN A #4 COPPER WIRE
3. GROUNDING SHALL BE PER SCL STANDARD 1714.50 FOR SCL LOOPED RADIAL SYSTEM
4. UNDERGROUND STREETLIGHT SYSTEM SHALL BE PER SCL STD 1714.50

WIRING SCHEMATICS



1. ALL GROUNDWIRE SHALL BE #6 AWG. ALL CONDUIT WITH A CONDUCTOR SHALL CONTAIN A GROUNDWIRE.
2. HEIGHT OF PEDESTRIAN LIGHT ASSEMBLY (POLE, FIXTURE, GROUT) IS ASSUMED TO BE 15'5"

MADE	CHK'D	REV'D
NATURE	REVISIONS	
DATE	MARK	
Vault Serial No.	37816	

PW#2019-084

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

INITIALS AND DATE	INITIALS AND DATE
DESIGNED	REVIEWED:
CHECKED	DES. CONST.
	SDOT PROJ. MGR.
DRAWN	RECEIVED
CHECKED	REVISED AS BUILT
BY:	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.
PURCHASING AND CONTRACTING DIRECTOR	



Seattle Department of Transportation
ORDINANCE NO. 125724 FW NO. 2019-084
SCALE: NONE

VISION ZERO
12TH AVE S

PC	TRC0813
CO	TRC0813
VPI #	790-946
LT3	
SHEET	34 OF 34

LIGHTING