

GENERAL NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- ALL WORK MUST CONFORM TO THE 2020 EDITION OF THE CITY OF SEATTLE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, THE 2020 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.
- FOR REQUIREMENTS REGARDING THE PROTECTION AND RESTORATION OF PUBLIC AND PRIVATE PROPERTY SEE SECTIONS 1-07.16 & 1-07.17.
- THE CONTRACTOR IS RESPONSIBLE FOR REFERENCING AND REPLACING ALL SURVEY MONUMENTS THAT MAY BE DISTURBED, DESTROYED OR REMOVED BY THE PROJECT AND AT LEAST 2 WORKING DAYS PRIOR TO THE WORK, MUST FILE AN APPLICATION FOR PERMIT TO REMOVE OR DESTROY A SURVEY MONUMENT WITH THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES, PURSUANT TO WAC 332-120. THE CONTRACTOR MUST PROVIDE THE ENGINEER AND SPU LAND SURVEY WITH A COPY OF THE APPROVED PERMIT AND COMPLETION REPORT. SEE SECTION 1-07.28 ITEM 17.
- 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.
- 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.
- RESTORATION OF CONTRACTOR DAMAGE TO EXISTING UTILITIES MUST BE AT THE CONTRACTOR'S EXPENSE. SEE SECTIONS 1-07.13 AND 1-07.16.
- THE CONTRACTOR MUST NOTIFY THE UTILITIES FOR UNDERGROUND UTILITY LOCATIONS BEFORE COMMENCEMENT OF ANY EXCAVATION. ADVANCE NOTIFICATION IS REQUIRED. SEE SECTION 1-07.28.
- FOR NOTIFICATION AND COORDINATION REQUIREMENTS, INCLUDING COMMUNICATION WITH METRO TRANSIT, SEE SECTIONS 1-07.17 AND 1-07.28.
- ALL EXCAVATIONS ADJACENT TO SEATTLE CITY LIGHT POLES OR OTHER FACILITIES (VAULTS, HANDHOLES, ETC.) MUST COMPLY WITH WAC 296-155 PART N, EXCAVATION, TRENCHING AND SHORING. POLE PROTECTION/ SUPPORTING SYSTEMS USED WHILE EXCAVATING MUST COMPLY WITH WAC 296-155-655, GENERAL PROTECTION REQUIREMENTS, ITEM (9) AND MUST NOT AFFECT THE STRUCTURAL INTEGRITY OF POLES WHILE THE SYSTEMS ARE IN PLACE OR AFTER THE SYSTEMS HAVE BEEN REMOVED.

STORMWATER POLLUTION PREVENTION NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- THE CONTRACTOR MUST PREPARE A STORMWATER POLLUTION PREVENTION PLAN (SWPPP), 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.
- THE CONTRACTOR MUST COMPLY WITH ALL NPDES PERMIT REQUIREMENTS. SEE SECTIONS 1-07.15 AND 8-01.

ROADWAY NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- 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.
- ALL JOINTS AT THE MEET LINES OF NEW CONSTRUCTION AND EXISTING SURFACES MUST BE BUTT JOINTS. SEE SECTION 5-04.3(10)B.
- 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.
- PAVING AROUND INLETS AND CATCH BASINS MUST BE SLOPED TO ESTABLISH A DRAINAGE TRANSITION ZONE PER STANDARD PLAN 260A.
- WMA SURFACE COURSE FOR ROADWAY MUST BE CLASS 1/2", PG58V-22 FOR 10 MILLION ESAL'S.
- HMA BASE COURSE FOR ROADWAY MUST BE CLASS 1", PG58V-22 FOR 10 MILLION ESAL'S.
- PRIOR TO SAWCUT AND REMOVAL FOR BASE REPAIR, THE CONTRACTOR MUST HAVE THE LIMITS VERIFIED BY THE ENGINEER. THE OWNER RESERVES THE RIGHT TO IDENTIFY ADDITIONAL AREAS OF BASE REPAIR AFTER PLANING.
- 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. SEE SECTION 7-20.3(1)A.
- 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.
- NEW LOOP DETECTORS MUST BE INSTALLED IN THE PAVEMENT SUBLAYER PRIOR TO FINAL WEARING COURSE PAVING. SEE SECTION 8-31.3(5)A. WHEN INSTALLING IN NEW FULL DEPTH CONCRETE PAVEMENT WITHOUT ASPHALT SURFACING, THE LOOPS MUST BE PREFORMED PER SECTION 8-31.3(5)B.

CURB RAMP NOTES:

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- ALL NEWLY CONSTRUCTED PEDESTRIAN ACCESS ROUTES INCLUDING SIDEWALK AND CURB RAMPS MUST MEET CURRENT ADA STANDARDS AND GUIDELINES (2010 ADA STANDARDS, PROWAG 2011) TO THE MAXIMUM EXTENT FEASIBLE.
- WHERE THE DRAWINGS DENOTE "MEF" FOR CURB RAMP ELEMENTS, THIS DESIGNATION IS FOR THE 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 NECESSARY. EVERY EFFORT WILL BE MADE TO ACHIEVE AN ADA COMPLIANT RAMP.
- THE CONTRACTOR MUST NOTIFY THE ENGINEER IF A CURB RAMP CANNOT BE CONSTRUCTED PER THE DRAWINGS, RESULTING IN A NON-COMPLIANT SLOPES AN/OR DIMENSIONS. PRIOR TO INSTALLING THE CURB RAMP, THE ENGINEER MUST APPROVE THE CURB RAMP LAYOUT.
- PEDESTRIAN ACCESS THROUGH THE PROJECT MUST BE MAINTAINED IN COMPLIANCE WITH SDOT PEDESTRIAN MOBILITY IN AND AROUND WORK ZONES, DIRECTOR'S RULE 10-2015, AND SDOT 2018 TRAFFIC CONTROL MANUAL FOR IN-STREET WORK.
- FOR ASSET MANAGEMENT PURPOSES, THIS PROJECT INCLUDES THE FOLLOWING:

NEW CURB RAMPS	xx
REBUILT CURB RAMPS	xx
PROJECT TOTAL	XX

SIGNING & CHANNELIZATION NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- 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.
- FOR REQUIREMENTS ON LAYOUT AND VERIFICATION OF CHANNELIZATION FEATURES, SEE SECTION 8-22.3(1). ADVANCE NOTIFICATION IS REQUIRED. CONTACT CHRIS RASOR AT (206)854-2729 FOR CHAN REVIEW.
- FOR SIGNING AND STRIPING DETAILS NOT SHOWN IN THESE DRAWINGS, SEE 600 SERIES AND 700 SERIES STANDARD PLANS.

DRAINAGE NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- FOR INLET CONNECTION BEND AND SLOPE RESTRICTIONS, SEE SECTION 7-08.3(5).
- 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.
- BEDDING FOR INLET CONNECTION AND CATCH BASIN CONNECTION PIPES MUST BE CLASS B. SEE STD PLAN 285.
- ALL INLET AND CATCH BASIN PIPE RECONNECTIONS MUST USE FLEXIBLE GASKETED COUPLINGS WITH STAINLESS STEEL SHIELDS PER SPECIFICATION 9-05.18.
- 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.
- DUCTILE IRON PIPE MUST BE ANSI A21.51 CLASS 50 WITH PUSH-ON JOINTS. FITTINGS FOR DUCTILE IRON PIPE MUST BE PER ANSI A21.10 OR ANSI A21.53 WITH PUSH-ON JOINTS. GLANDS ON MECHANICAL JOINT PIPE AND FITTINGS MUST BE DUCTILE. SEE SECTION 9-05.3.
- WHERE MAINTENANCE HOLES OR CATCH BASINS REQUIRE A NEW OR REPLACED CASTING PER STD PLAN 230, CASTINGS IN ROADWAYS MUST BE 10-INCH MIN DEPTH.

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

90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

2022-XXX

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

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

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Seattle Department of Transportation
ORDINANCE NO. PW NO. 2022-xxx
SCALE: NO SCALE

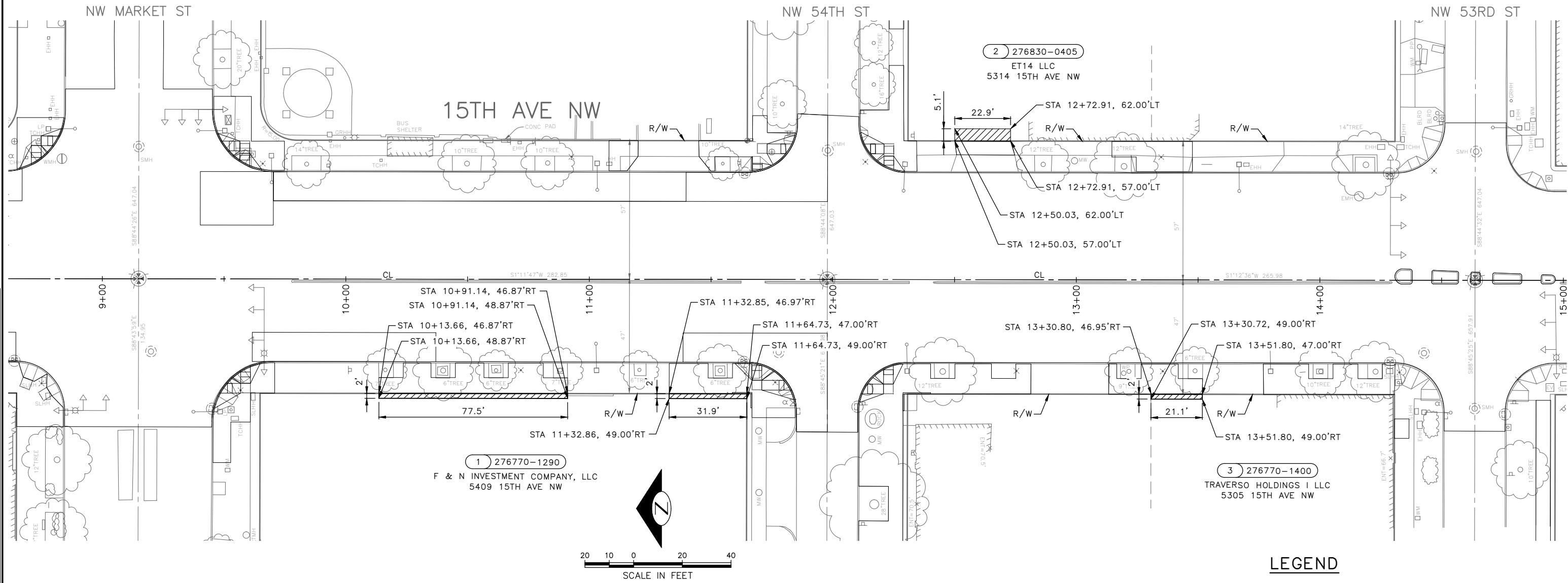
2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
NT1	
SHEET	03 OF 97

GENERAL NOTES

SEC 12, TWN 25N, R 03E., W.M.
KING COUNTY, WA.

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA		04



PARCEL INFORMATION

PROJECT PARCEL NUMBER	SHEET	PARCEL NUMBER	PARCEL ADDRESS	OWNERSHIP (TAXPAYER)	OWNERSHIP TOTAL AREA (SF)	PERMANENT EASEMENT (SF)	COMPENSABLE TEMPORARY CONSTRUCTION EASEMENT (SF)	TOTAL TEMPORARY CONSTRUCTION EASEMENT (SF)	REMAINDER AREA (SF)
1	RW1	276770-1290	5409 15TH AVE NW	F & N INVESTMENT COMPANY, LLC	35,620	0	219	219	35,620
2	RW1	276830-0405	5314 15TH AVE NW	ET14 LLC	19,000	0	117	117	19,000
3	RW1	276770-1400	5305 15TH AVE NW	TRAVERSO HOLDINGS I LLC	12,810	0	42	42	12,810

LEGEND

COMPENSABLE TEMPORARY CONSTRUCTION EASEMENT

PROJECT PARCEL NUMBER
KING COUNTY PARCEL NUMBER

TAXPAYER ADDRESS

EXISTING R/W CENTER LINE

EXISTING PROPERTY LINE

EXISTING R/W LINE

90% SUBMITTAL NOT FOR CONSTRUCTION DECEMBER 15, 2022

RIGHT OF WAY

PW#2022-xxx

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

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. %% PW NO. 2022-xxx
SUBPROJECT ID: %%
SCALE: #####

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
	RW1
SHEET	04 OF 97

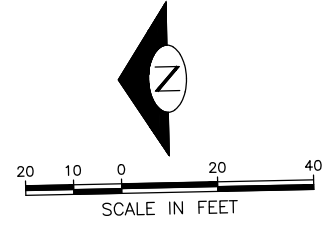
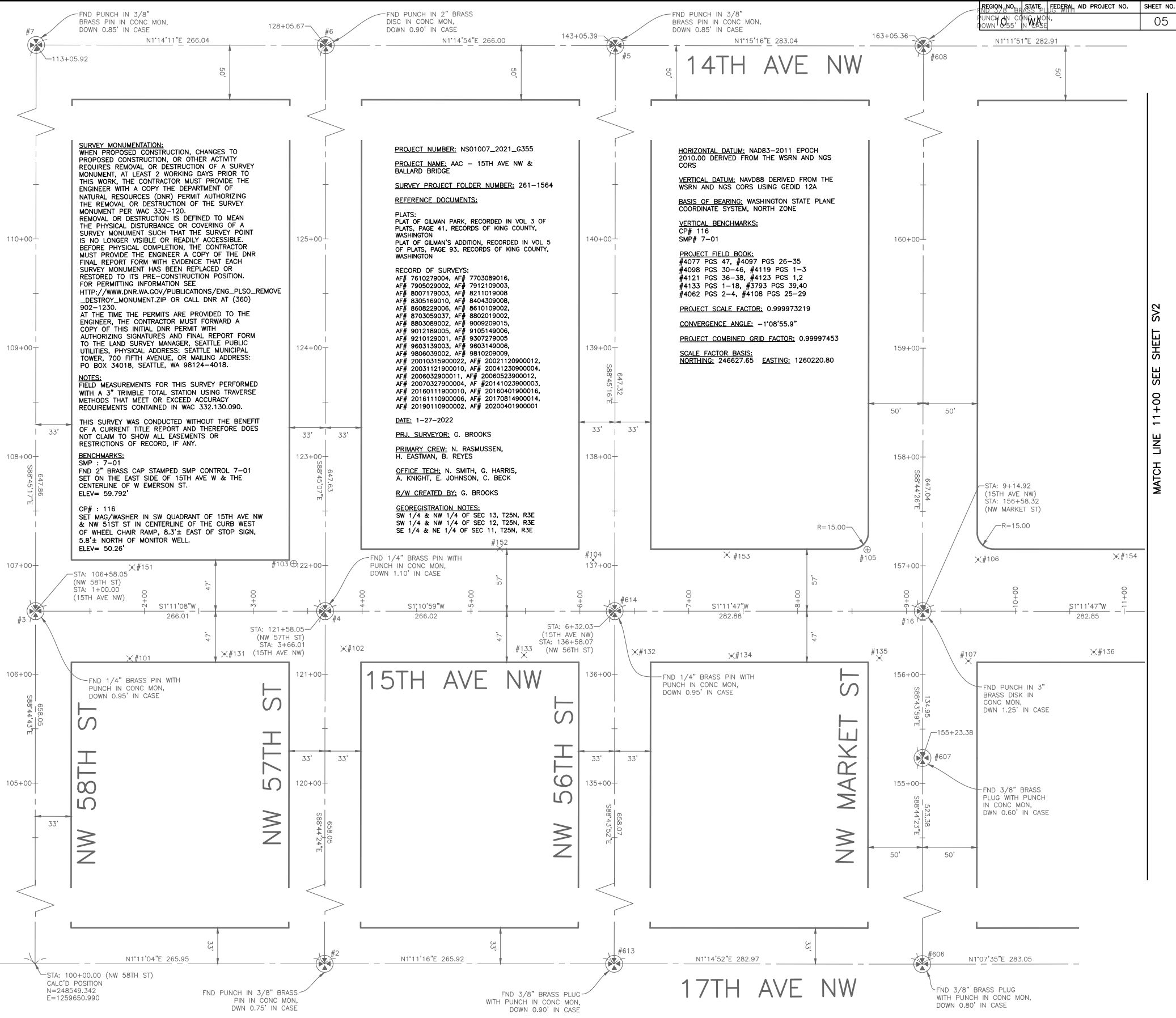
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Point #	Northing	Easting	Description
1	248810.32	1259656.39	MIC 40983001
2	248283.45	1259645.49	MIC 40983002
3	248534.93	1260308.88	MIC 40983003
4	248268.98	1260303.38	MIC 40983004
5	247988.94	1260945.06	MIC 40983005
6	248254.87	1260950.85	MIC 40983006
7	248520.85	1260956.60	MIC 40983007
9	246625.50	1260916.11	MIC 40983202
10	246386.49	1260911.12	MIC 40983203
11	245363.47	1260242.43	MIC 41230101
12	245374.62	1259729.64	MIC 41230102
13	245895.48	1260253.64	MIC 41230103
14	246400.59	1260264.21	MIC 41230201
15	246639.70	1260269.25	MIC 41230202
16	247720.19	1260292.04	MIC 41230203
401	245571.29	1259589.19	MIC 41082501
402	245909.75	1259596.18	MIC 41082502
403	245992.71	1259597.83	MIC 41082503
404	246404.77	1259606.44	MIC 41082504
410	245630.58	1260189.01	MIC 41082510

Point #	Northing	Easting	Description
411	245628.08	1260306.85	MIC 41082511
412	246160.47	1260318.04	MIC 41082601
424	246165.73	1259601.49	MIC 41082705
426	246147.44	1260906.01	MIC 41082901
427	245349.43	1260889.17	MIC 41082902
504	247171.49	1260280.46	MIC 37933904
505	247175.76	1259622.49	MIC 37933905
506	247270.94	1259624.55	MIC 37933906
507	247441.70	1259628.06	MIC 37933907
508	247437.40	1260286.08	MIC 37933908
509	247423.13	1260932.95	MIC 37934001
512	246891.32	1260921.73	MIC 37934004
513	246905.46	1260274.86	MIC 37934005
514	246909.85	1259616.99	MIC 37934006
606	247734.68	1259633.82	MIC 40620206
607	247723.17	1260157.07	MIC 40620207
608	247705.97	1260938.86	MIC 40620208
613	248017.59	1259639.98	MIC 40620305
614	248003.01	1260297.89	MIC 40620306

Point #	Northing	Easting	Elevation	Description
101	248449.35	1260263.55	96.72	MAG 40983101
102	248252.69	1260268.50	90.13	MAG 40983102
103	248296.88	1260347.63	90.72	BC 40983103
104	248021.86	1260345.20	82.38	MAG 40983104
105	247770.03	1260349.45	75.33	BC 40983105
106	247668.29	1260338.29	74.39	MAG 40983106
107	247679.23	1260245.36	76.20	MAG 40983107
108	247420.84	1260334.09	68.00	MAG 40983301
109	247187.39	1260325.74	62.64	MAG 40983302
110	246890.42	1260316.07	56.00	MAG 40983303
111	246653.99	1260307.11	50.44	MAG 40983304
112	246421.07	1260316.44	45.19	BC 40983305
113	246277.60	1260289.70	41.62	MAG 40983306
114	246382.78	1260235.37	44.31	MAG 40983307
115	246493.99	1260224.20	47.11	MAG 40983308
116	246627.65	1260220.80	50.26	MAG 40983401
117	246929.41	1260235.80	57.32	MAG 40983402
118	247154.66	1260239.32	63.28	MAG 40983403
119	247459.64	1260244.24	70.21	MAG 40983404
120	245860.54	1260194.13	40.66	MAG 40983405

Point #	Northing	Easting	Elevation	Description
121	245415.13	1260219.81	50.74	MAG 40983406
122	245253.98	1260203.82	57.09	MAG 40983407
123	245086.01	1260212.34	60.75	MAG 40983408
124	245271.78	1260278.13	56.22	MAG 40983501
125	245593.00	1260297.64	42.33	MAG 40983502
126	245398.20	1260317.23	31.13	MAG 40983503
127	242366.22	1260142.65	59.77	MAG 40983504
128	242138.38	1260139.09	58.23	MAG 40983505
130	242381.63	1260236.90	59.95	MAG 40983507
455	245844.92	1260313.51	34.24	MAG 41082405
456	245941.56	1260194.45	34.78	MAG 41082406



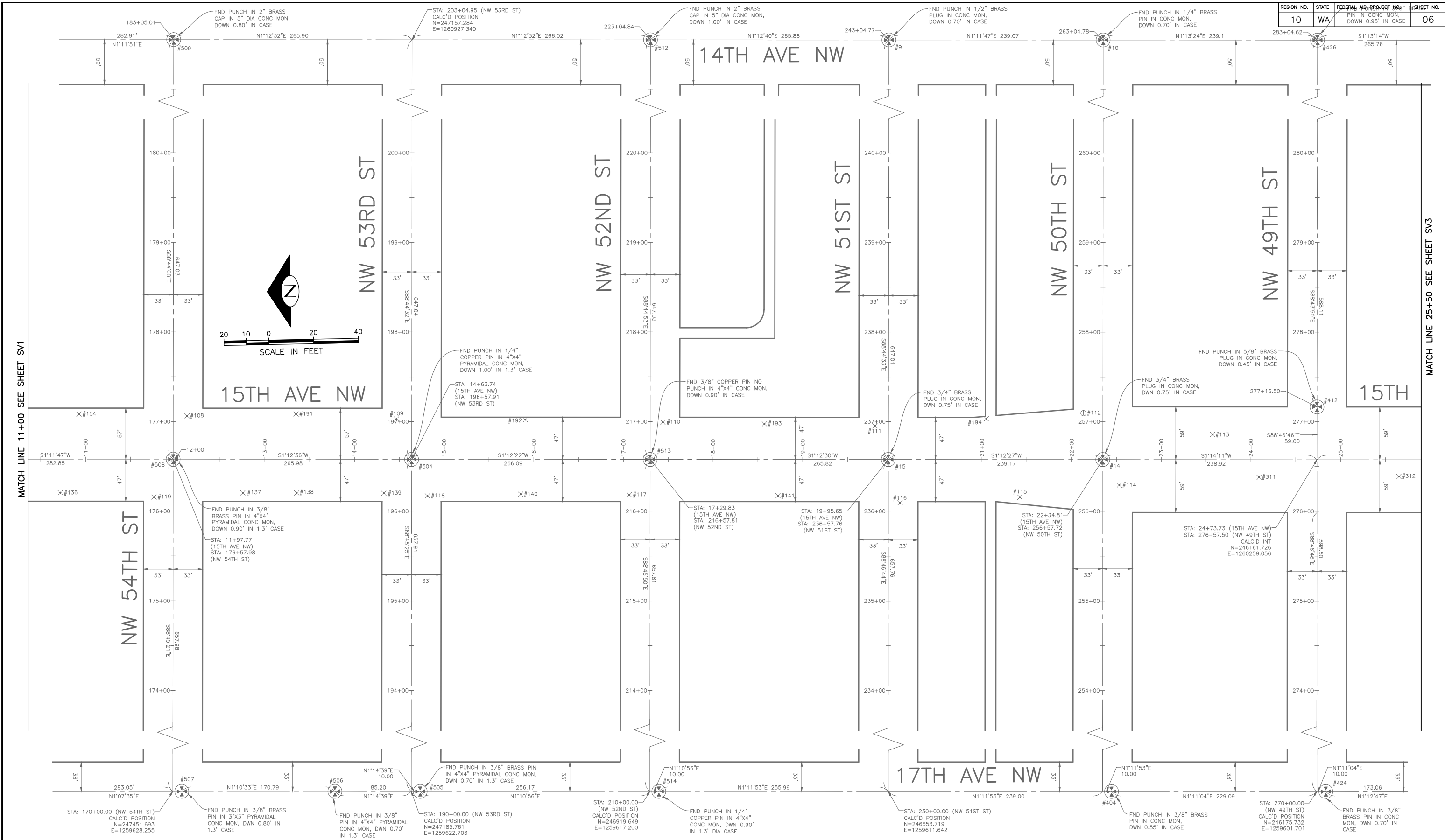
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NATURE	REVISIONS	
DATE	MARK	
VAULT SERIAL NO.	XXXX	

90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023 SURVEY CONTROL

<p>2022-XXX</p>	<p>APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20</p>	<p>INITIALS AND DATE DESIGNED: _____ CHECKED: _____</p>	<p>INITIALS AND DATE REVIEWED: _____ SDOT CONST. PROJ. MGR. RECEIVED: _____ REVISED AS BUILT: _____</p>		<p>Seattle Department of Transportation ORDINANCE NO. _____ PW NO. 2022-xxx SCALE: NO SCALE</p>	<p>2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE</p>	<p>Pc TRC0481 Co TRC0481 VPI # XXX-XXX SV1 SHEET 05 OF 97</p>
	<p>BY: _____ PURCHASING AND CONTRACTING DIRECTOR</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 0-02.3 OF THE PROJECT MANUAL.</p>		<p>PC TRC0481 CO TRC0481 VPI # XXX-XXX SV1 SHEET 05 OF 97</p>		

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MATCH LINE 11+00 SEE SHEET SV2



90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

SURVEY CONTROL

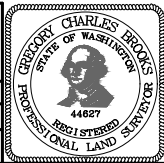
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2022-XXX

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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	SDOT PROJ. MGR.
DRAWN	RECEIVED
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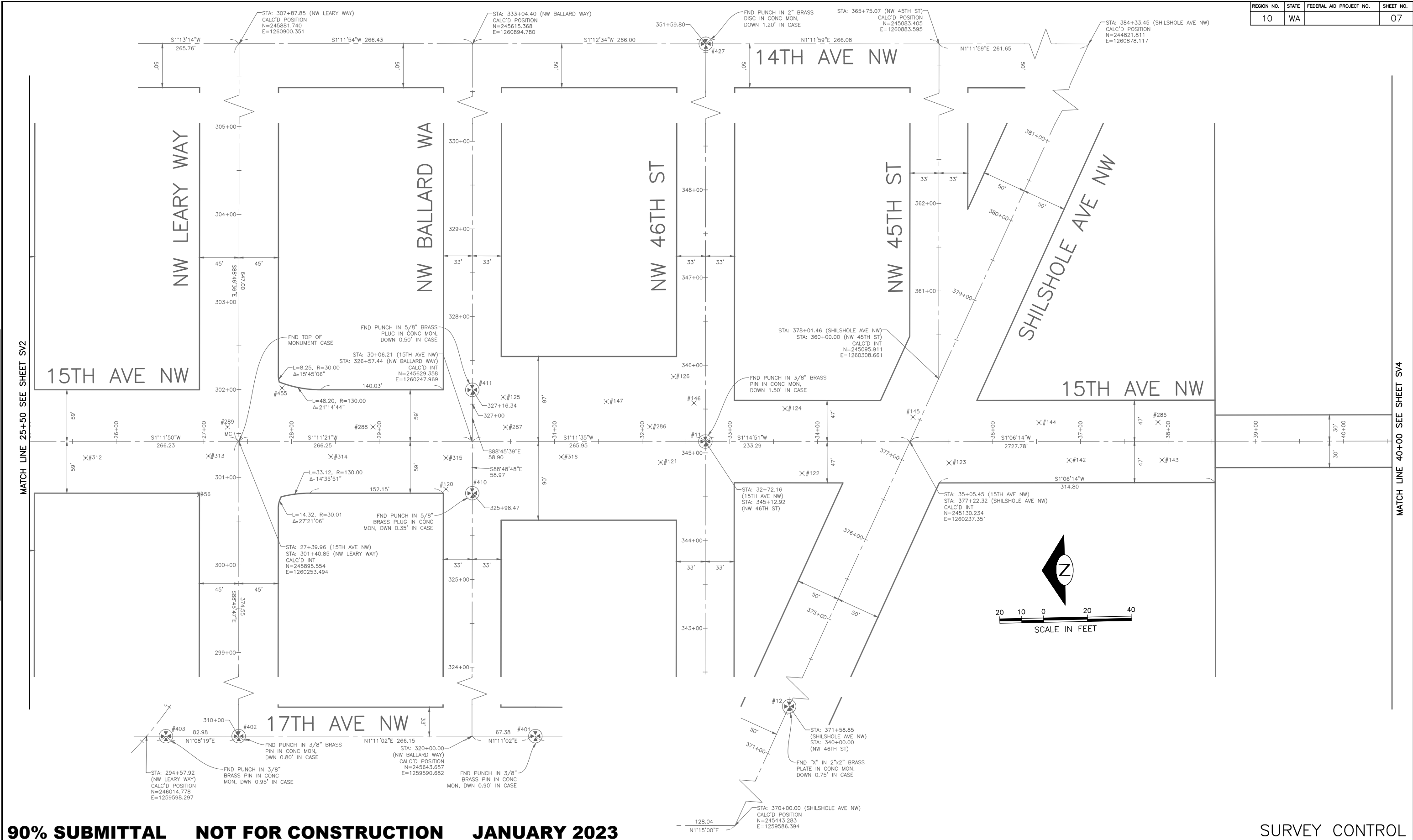


Seattle Department of Transportation
 ORDINANCE NO. PW NO. 2022-xxx
 SCALE: NO SCALE

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
SV2	
SHEET 06 OF 97	

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD REV'D
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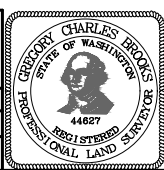
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2022-XXX

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

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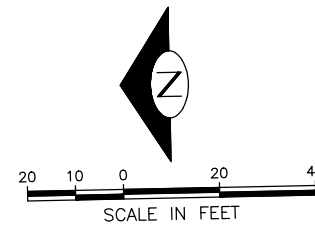


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2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

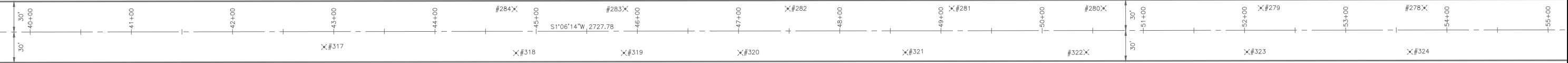
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	CO TRC0481
VPI #	XXX-XXX
	SV3
	SHEET 07 OF 97

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MATCH LINE 40+00 SEE SHEET V-103

MATCH LINE 55+00 SEE SHEET V-105



15TH AVE NW

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

90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

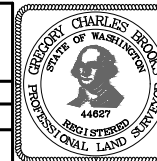
SURVEY CONTROL

2022-XXX

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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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CHECKED	DES. CONST.
	SDOT PROJ. MGR.
DRAWN	RECEIVED
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**2023 AAC 15TH AVE
W/NW,
& BALLARD BRIDGE**

JOB	PC	TRC0481
	CO	TRC0481
VPI #	XXX-XXX	
	SV4	
SHEET	08	OF 97

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD REV'D
XXXX				
REVISIONS				

MATCH LINE 55+00 SEE SHEET V-104

13TH AVE W

14TH AVE W

W NICKERSON ST

W EMERSON ST

W RUFFNER ST

15TH AVE W

15TH AVE NW



FND PUNCHED
1/4" BRASS PIN IN
2"x2" PYRAMID
CONC. MON.
DWN 1.25' IN CASE

#17

FND PUNCHED
3/8" BRASS PLUG IN
2 1/2" DIA CONC. MON.
DWN 1.55' IN CASE

#18

FND PUNCHED
3/8" BRASS PLUG IN
5" DIA CONC. MON.
DWN 0.5' IN CASE

#19

FND PUNCHED
3/4" BRASS DISK IN
3" DOMED CONC. MON.
IN CASE, DN 0.9'

#196

FND PUNCHED
3/4" BRASS DISK IN
3" DOMED CONC. MON.
IN CASE, DN 1.1'

#127

STA: 450+00.00 (W EMERSON ST)
CALC'D POSITION
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E=1259862.071

90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

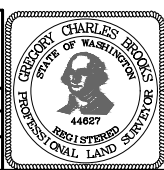
SURVEY CONTROL

2022-XXX

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	REVIEWED:
CHECKED	DES. CONST.
	SDOT PROJ. MGR.
DRAWN	RECEIVED
CHECKED	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. 2022-xxx

SCALE: NO SCALE

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
SV5	
SHEET 09 OF 97	

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NOTES

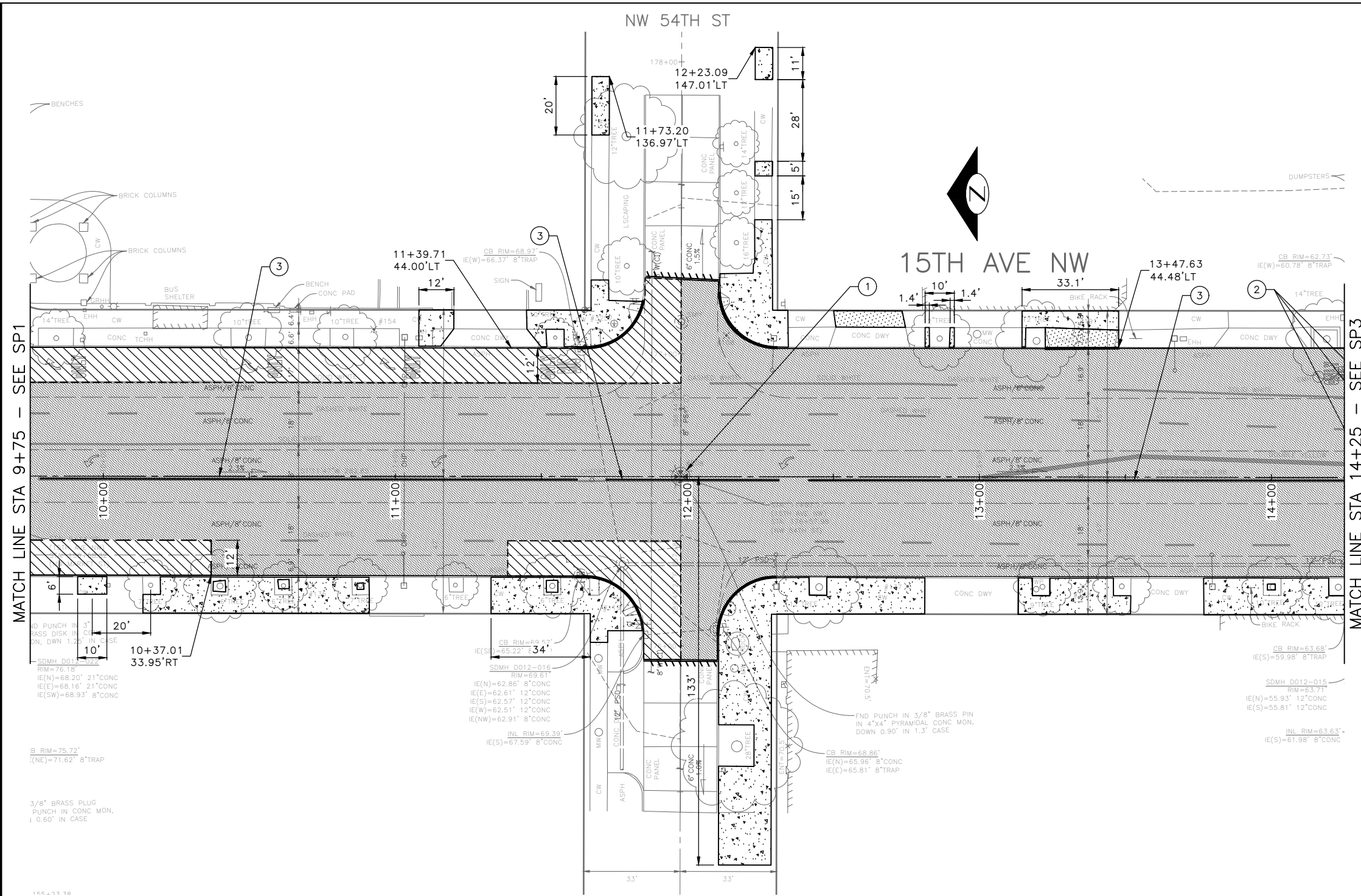
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- RETAIN CONCRETE ROAD BASE AT CURB REPAIR AREAS. SEE PAVING PLANS.

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CONSTRUCTION NOTES

- RESET EX MONUMENT & MONUMENT FRAME & COVER
- PROTECT TRAFFIC ISLAND
- REMOVE TRAFFIC CURB
- RESET FIRE HYDRANT BY SPU PER STD PLAN 314a.



90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

SITE PREPARATION

PW#2022-xxx

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

INITIALS AND DATE		INITIALS AND DATE	
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Seattle Department of Transportation
ORDINANCE NO. %% PW NO. 2022-xxx
SUBPROJECT ID: %%
SCALE: 1"=20'

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
SP2	
SHEET 11 OF 97	

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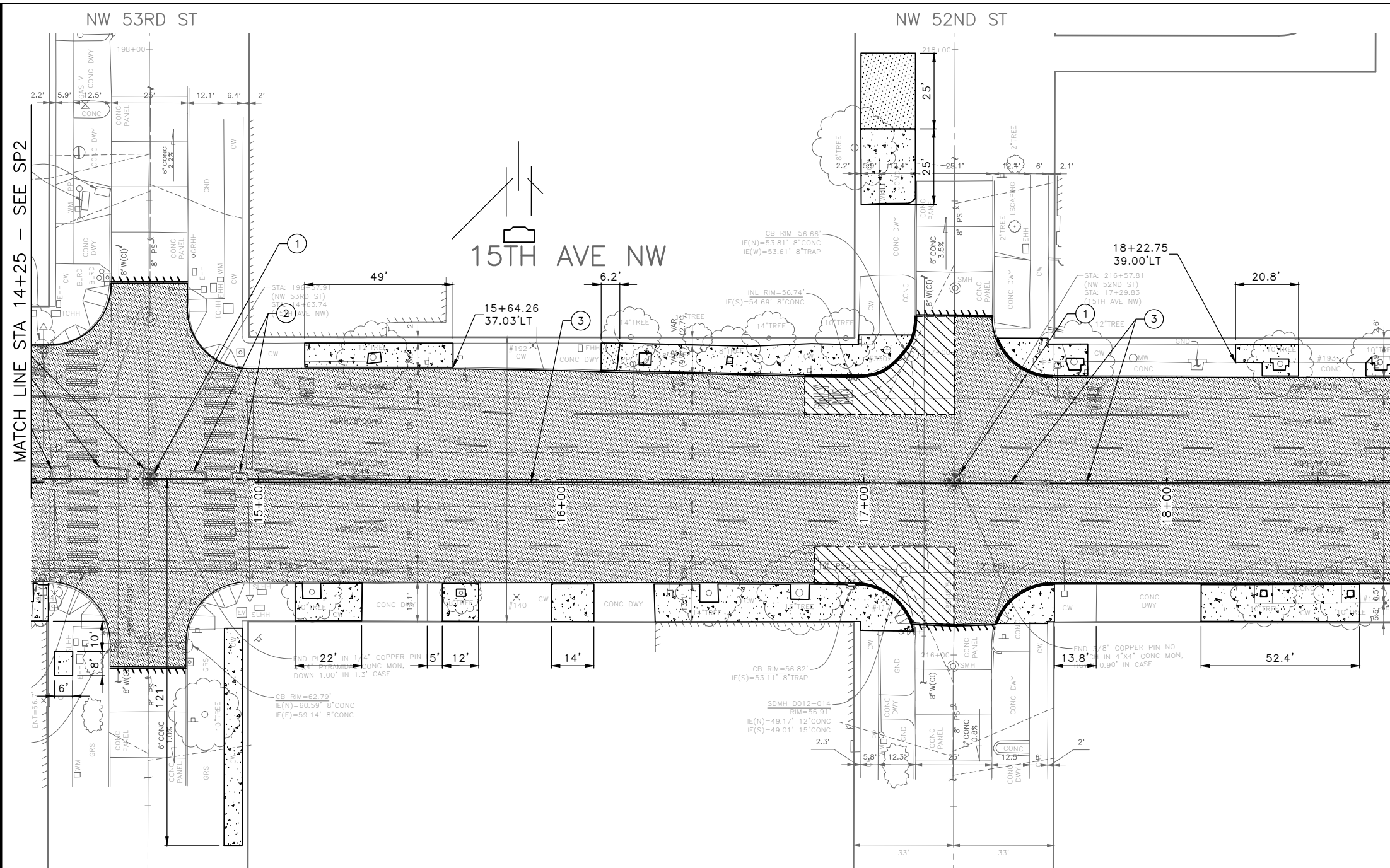
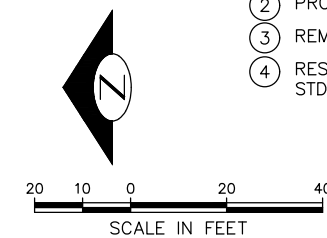
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DATE	MARK	NATURE	MADE	CHK'D	REV'D
XXXX					
REVISIONS					

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CO	TRC0481
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SP3	
SHEET 12 OF 97	












SITE PREPARATION

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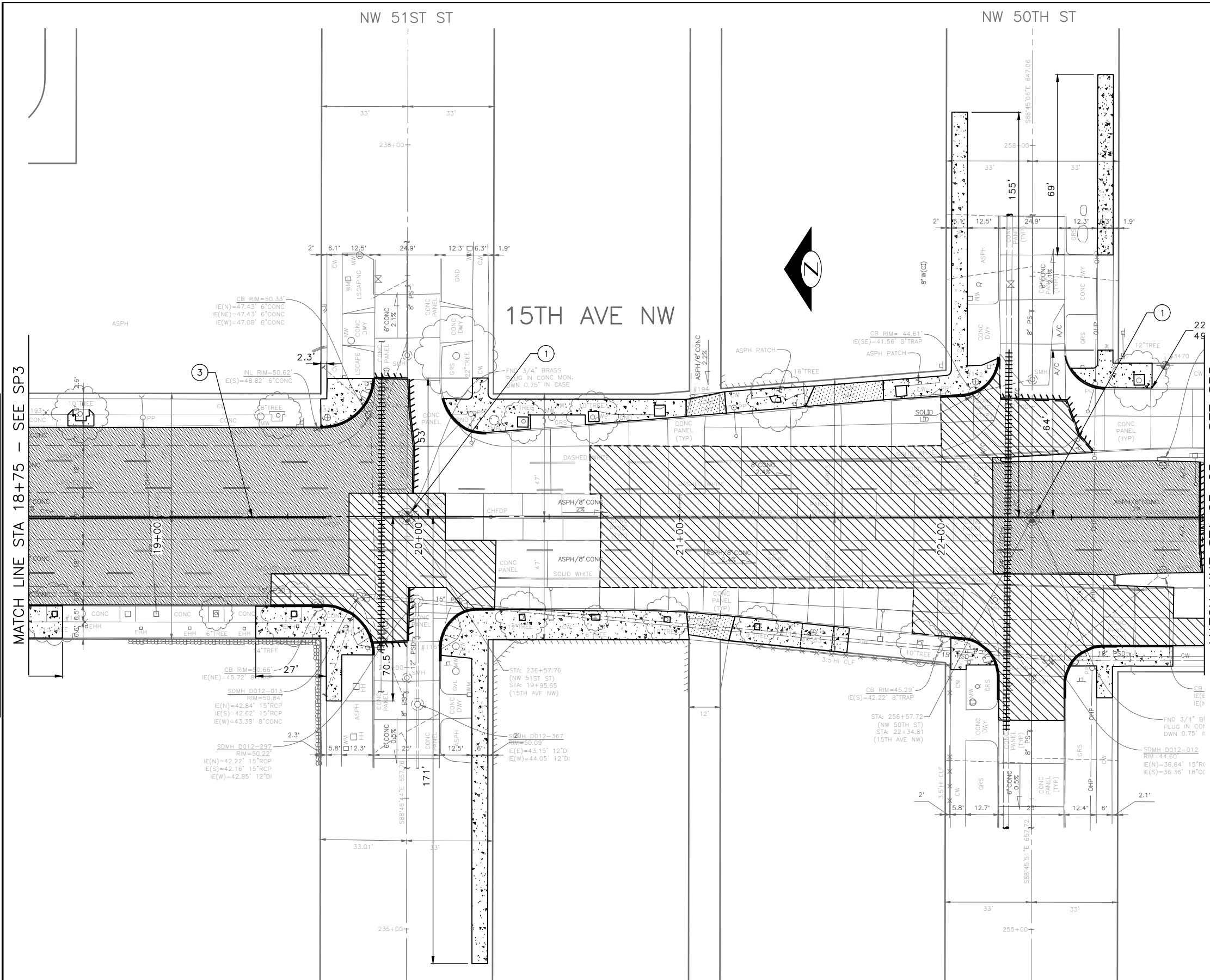
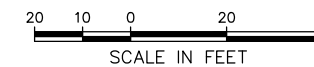
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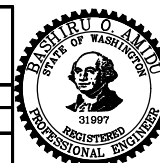
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SEATTLE, WASHINGTON 20

BY:
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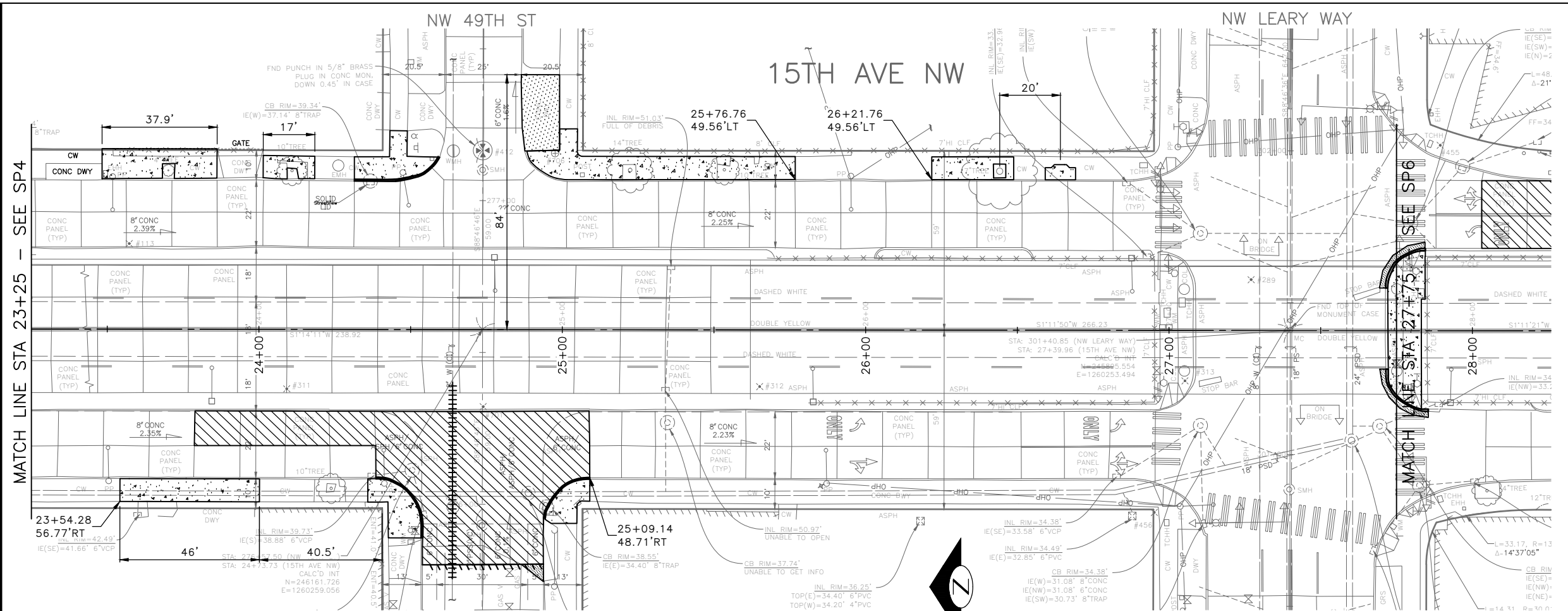
Seattle Department of Transportation

ORDINANCE NO. %% PW NO. 2022-xxx
SUBPROJECT ID: %%
SCALE: 1"=20'

**2023 AAC 15TH AVE
W/NW,
& BALLARD BRIDGE**

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
SP4	
SHEET 13 OF 97	

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<p>PW#2022-xxx</p>	<p>APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20</p>	<p>INITIALS AND DATE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNED</td> <td>REVIEWED:</td> </tr> <tr> <td>CHECKED</td> <td>DES. CONST.</td> </tr> <tr> <td></td> <td>SDOT PROJ. MGR.</td> </tr> <tr> <td>DRAWN</td> <td>RECEIVED</td> </tr> <tr> <td>CHECKED</td> <td>REVISED AS BUILT</td> </tr> </table>	DESIGNED	REVIEWED:	CHECKED	DES. CONST.		SDOT PROJ. MGR.	DRAWN	RECEIVED	CHECKED	REVISED AS BUILT	<p>INITIALS AND DATE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNED</td> <td>REVIEWED:</td> </tr> <tr> <td>CHECKED</td> <td>DES. CONST.</td> </tr> <tr> <td></td> <td>SDOT PROJ. MGR.</td> </tr> <tr> <td>DRAWN</td> <td>RECEIVED</td> </tr> <tr> <td>CHECKED</td> <td>REVISED AS BUILT</td> </tr> </table>	DESIGNED	REVIEWED:	CHECKED	DES. CONST.		SDOT PROJ. MGR.	DRAWN	RECEIVED	CHECKED	REVISED AS BUILT		<p>ORDINANCE NO. %% PW NO. 2022-xxx SUBPROJECT ID: %% SCALE: 1"=20'</p>	<p>2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>PC</td> <td>TRC0481</td> </tr> <tr> <td>CO</td> <td>TRC0481</td> </tr> <tr> <td>VPI #</td> <td>XXX-XXX</td> </tr> <tr> <td colspan="2" style="text-align: center;">SP5</td> </tr> <tr> <td colspan="2" style="text-align: center;">SHEET 14 OF 97</td> </tr> </table>	PC	TRC0481	CO	TRC0481	VPI #	XXX-XXX	SP5		SHEET 14 OF 97	
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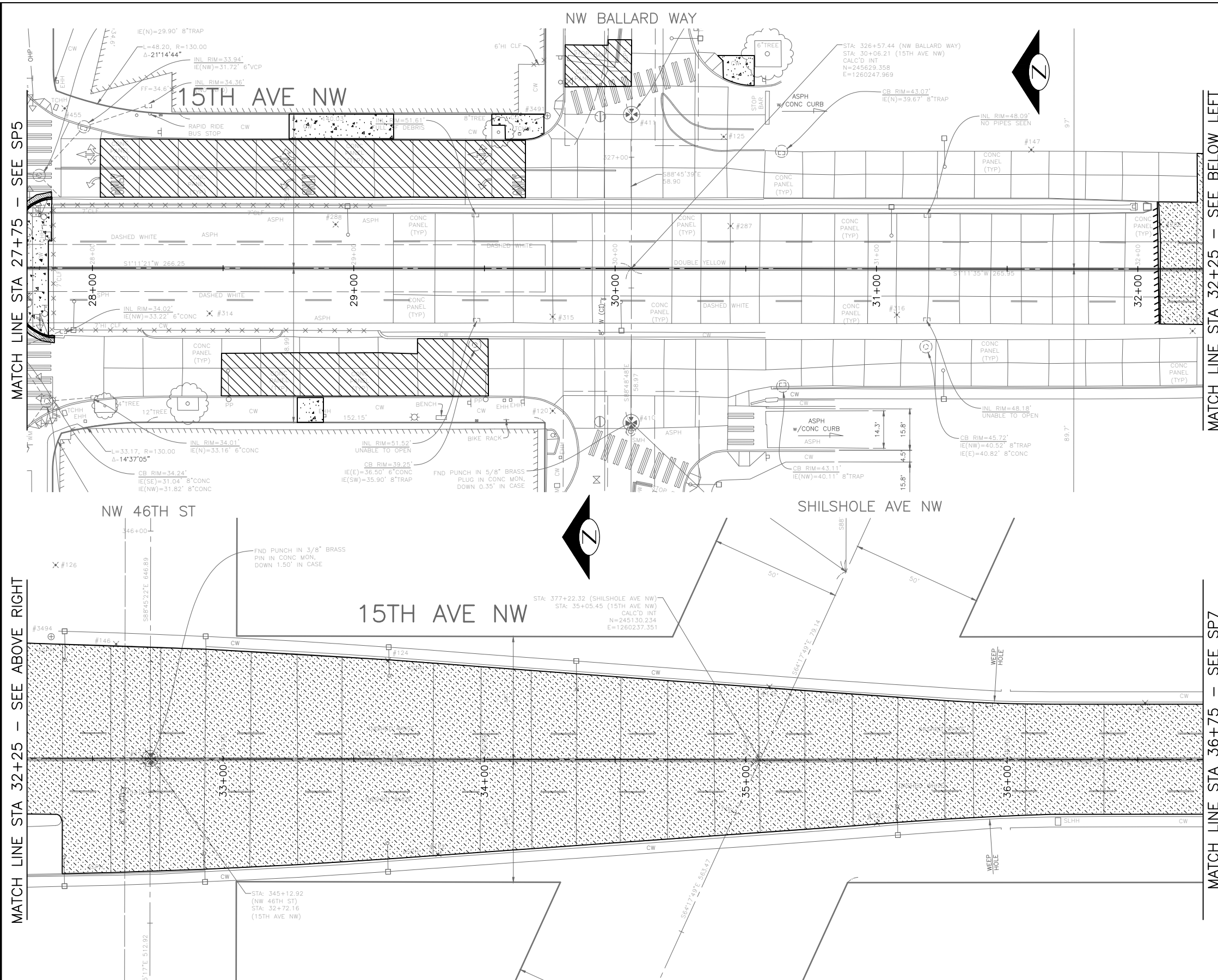
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SITE PREPARATION

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PC	TRC0481
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VPI #	XXX-XXX
SP6	
SHEET 15 OF 97	

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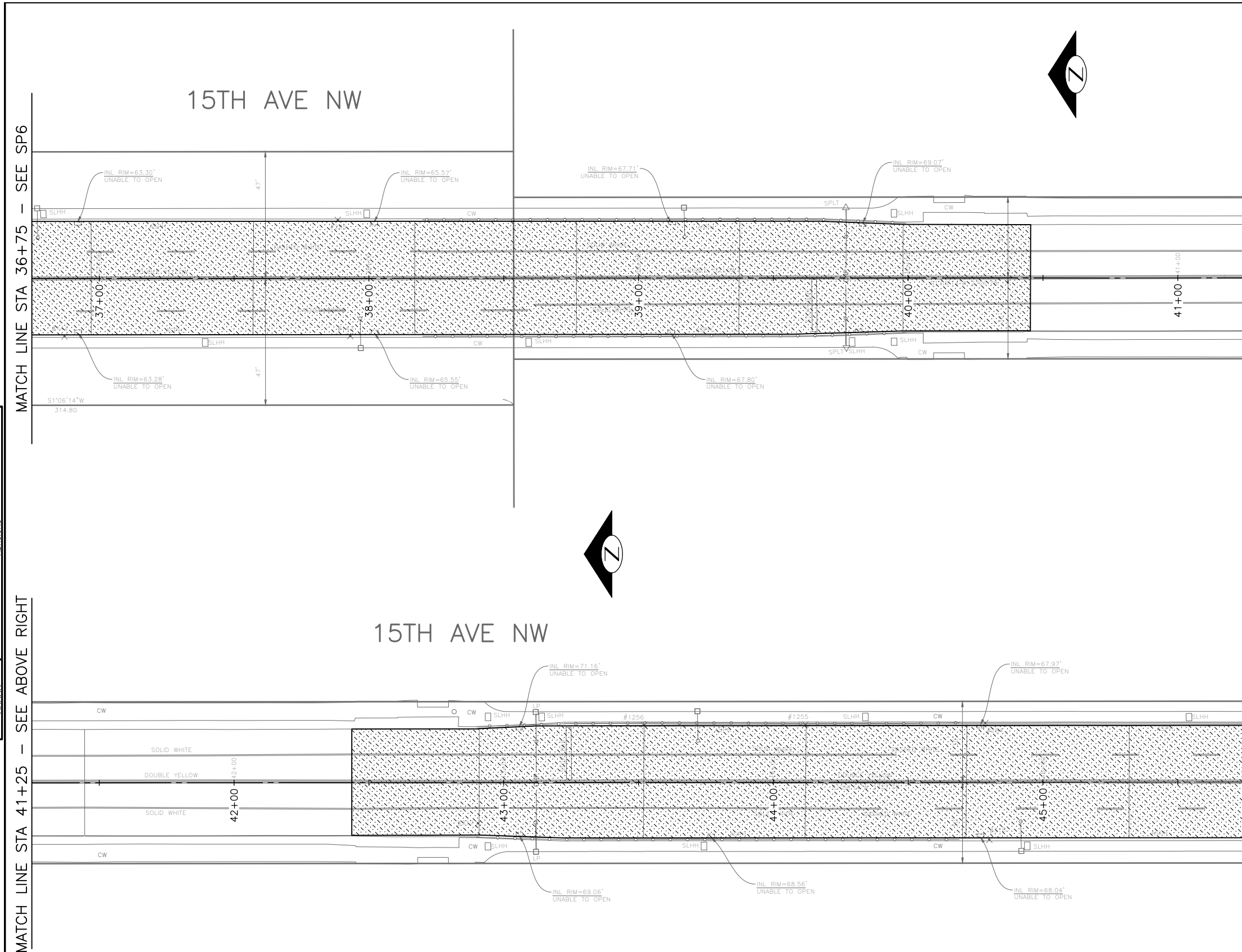
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FAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHK'D	REV'D
XXXX			REVISIONS		

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







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NOTES

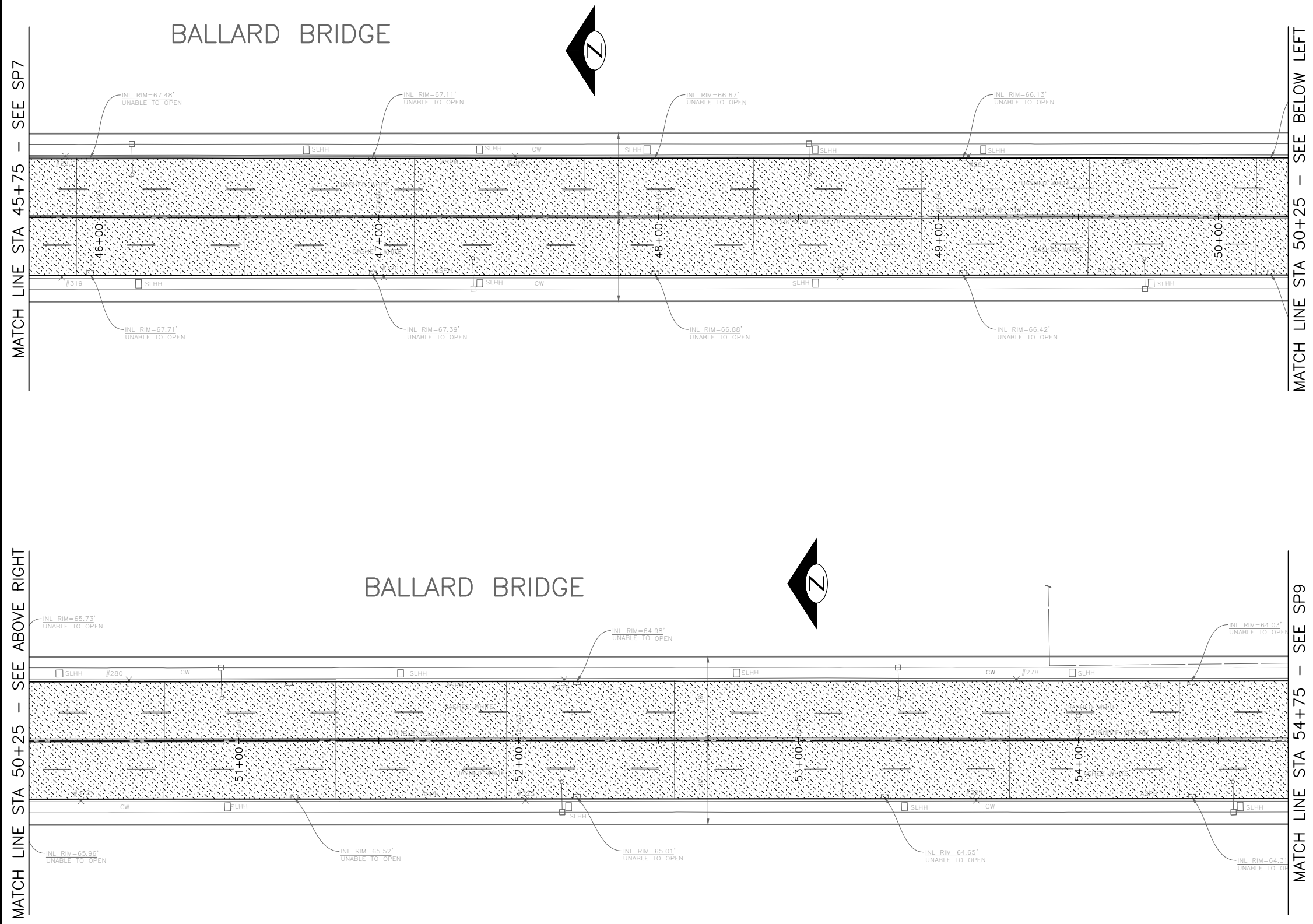
1. ALL SAWCUT AND REMOVAL LIMITS MUST BE APPROVED BY THE ENGINEER PRIOR TO BEGINNING WORK. SEE SECTION 1-07.16 AND SECTION 2-02.3(6) FOR PROTECT REQUIREMENTS.
2. DETECTOR LOOPS TO BE REMOVED AND REPLACED, REFER TO SIGNAL PLANS.
3. FOR REMOVAL AND RELOCATION OF TRAFFIC SIGNAGE, SEE CHANNELIZATION PLANS.
4. AT LOCATIONS WHERE WORK IS BEING DONE ADJACENT TO EXISTING RETAINING WALLS, THE CONTRACTOR SHALL NOT DAMAGE THE EXISTING CONCRETE RETAINING WALL FOOTING WHEN REMOVING THE PAVEMENT.
5. SAWCUT AT FACE OF EXISTING CURB FOR MONOLITHIC CURB PER STANDARD PLAN 421. SEE PAVING PLANS.
6. RETAIN CONCRETE ROAD BASE AT CURB REPAIR AREAS. SEE PAVING PLANS.

SITE PREP LEGEND

-  PLANE BITUMINOUS PAVEMENT, 2" MINIMUM TO CONC BASE, WHICHEVER IS LESS
-  PLANE BITUMINOUS PAVEMENT TO CONC BASE
-  REMOVE PAVEMENT
-  REMOVE CEM CONC SIDEWALK
-  REMOVE CURB
-  REMOVE CURB AND GUTTER
-  SAWCUT RIGID PAVEMENT, FULL DEPTH
-  SAWCUT CEM CONCRETE SIDEWALK, FULL DEPTH
-  SAWCUT ASPHALT CONCRETE, FULL DEPTH
-  CONSTRUCT VERTICAL BUTT JOINT. SEE SECTION 5-04.3(4)B.
-  VIBRATION MONITORING REQUIRED FOR PAVEMENT REMOVAL WITHIN 10 FEET HORIZONTALLY OF CAST IRON WATER MAIN. SEE SECTION 1-07.16(1)B.

CONSTRUCTION NOTES

1. RESET EX MONUMENT & MONUMENT FRAME & COVER
2. PROTECT TRAFFIC ISLAND
3. REMOVE TRAFFIC CURB
4. RESET FIRE HYDRANT BY SPU PER STD PLAN 314a.





DATE	MARK	NATURE	MADE	CHK'D	REV'D



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SITE PREPARATION












PW#2022-xxx	APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED CHECKED	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.		 Seattle Department of Transportation <small>ORDINANCE NO. %% PW NO. 2022-xxx</small> <small>SUBPROJECT ID: %%</small> <small>SCALE: 1"=20'</small>	2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE	PC TRC0481	CO TRC0481
	BY: CITY PURCHASING & CONTRACTING SERVICES DIRECTOR	DRAWN CHECKED	RECEIVED REVISED AS BUILT				VPI # XXX-XXX	SP8

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 Jun-31-23 10:02am

NOTES

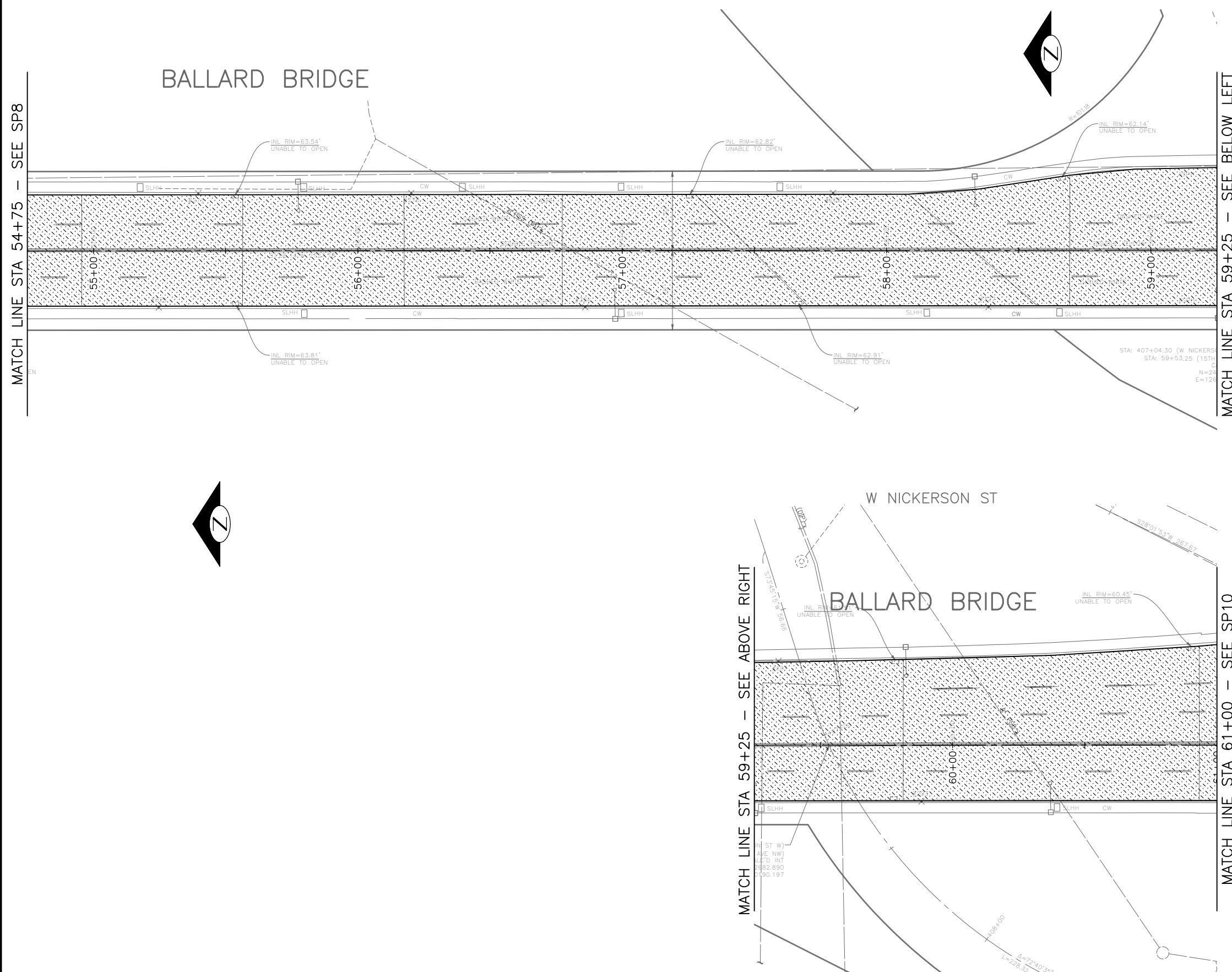
1. ALL SAWCUT AND REMOVAL LIMITS MUST BE APPROVED BY THE ENGINEER PRIOR TO BEGINNING WORK. SEE SECTION 1-07.16 AND SECTION 2-02.3(6) FOR PROTECT REQUIREMENTS.
2. DETECTOR LOOPS TO BE REMOVED AND REPLACED, REFER TO SIGNAL PLANS.
3. FOR REMOVAL AND RELOCATION OF TRAFFIC SIGNAGE, SEE CHANNELIZATION PLANS.
4. AT LOCATIONS WHERE WORK IS BEING DONE ADJACENT TO EXISTING RETAINING WALLS, THE CONTRACTOR SHALL NOT DAMAGE THE EXISTING CONCRETE RETAINING WALL FOOTING WHEN REMOVING THE PAVEMENT.
5. SAWCUT AT FACE OF EXISTING CURB FOR MONOLITHIC CURB PER STANDARD PLAN 421. SEE PAVING PLANS.
6. RETAIN CONCRETE ROAD BASE AT CURB REPAIR AREAS. SEE PAVING PLANS.

SITE PREP LEGEND

-  PLANE BITUMINOUS PAVEMENT, 2" MINIMUM TO CONC BASE, WHICHEVER IS LESS
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-  REMOVE PAVEMENT
-  REMOVE CEM CONC SIDEWALK
-  REMOVE CURB
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-  SAWCUT RIGID PAVEMENT, FULL DEPTH
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-  SAWCUT ASPHALT CONCRETE, FULL DEPTH
-  CONSTRUCT VERTICAL BUTT JOINT. SEE SECTION 5-04.3(4)B.
-  VIBRATION MONITORING REQUIRED FOR PAVEMENT REMOVAL WITHIN 10 FEET HORIZONTALLY OF CAST IRON WATER MAIN. SEE SECTION 1-07.16(1)B.

CONSTRUCTION NOTES

1. RESET EX MONUMENT & MONUMENT FRAME & COVER
2. PROTECT TRAFFIC ISLAND
3. REMOVE TRAFFIC CURB
4. RESET FIRE HYDRANT BY SPU PER STD PLAN 314a.





DATE	MARK	NATURE	MADE	CHK'D	REV'D



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SITE PREPARATION

<p>PW#2022-xxx</p>	<p>APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20</p>	<p>INITIALS AND DATE DESIGNED CHECKED</p>	<p>INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.</p>		 <p>Seattle Department of Transportation</p> <p>ORDINANCE NO. %% PW NO. 2022-xxx SUBPROJECT ID: %% SCALE: 1"=20'</p>	<p>2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE</p>	<p>PC TRC0481 CO TRC0481</p>
	<p>BY: CITY PURCHASING & CONTRACTING SERVICES DIRECTOR</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 0-02.3 OF THE PROJECT MANUAL.</p>	<p>RECEIVED REVISED AS BUILT</p>				<p>VPI # XXX-XXX</p> <p>SP9</p> <p>SHEET 18 OF 97</p>

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NOTES

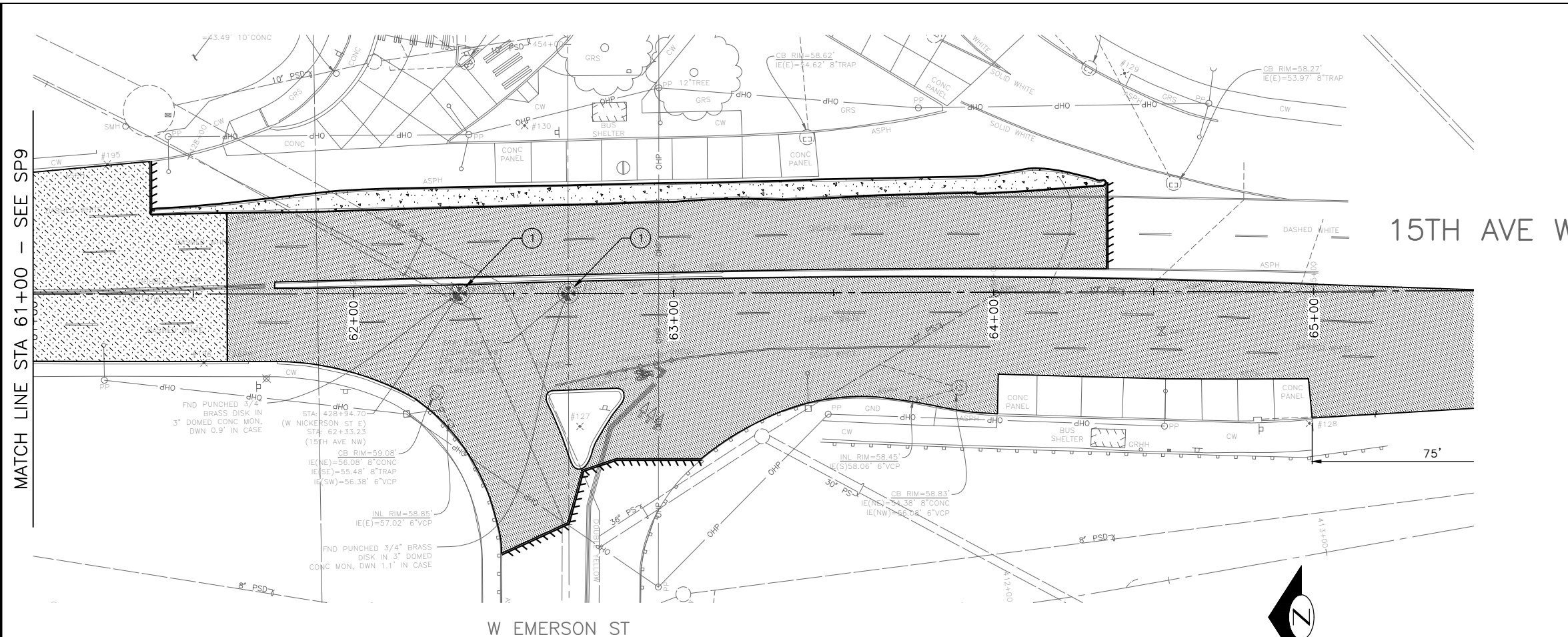
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SITE PREP LEGEND

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- PLANE BITUMINOUS PAVEMENT TO CONC BASE
- REMOVE PAVEMENT
- REMOVE CEM CONC SIDEWALK
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- REMOVE CURB AND GUTTER
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CONSTRUCTION NOTES

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- PROTECT TRAFFIC ISLAND
- REMOVE TRAFFIC CURB
- RESET FIRE HYDRANT BY SPU PER STD PLAN 314a.



MATCH LINE STA 61+00 - SEE SP9

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

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PW#2022-xxx

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

BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	CHECKED	REVIEWED:	CONST.
		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 0-02.3 OF THE PROJECT MANUAL.



Seattle Department of Transportation

ORDINANCE NO. %% PW NO. 2022-xxx
SUBPROJECT ID: %%
SCALE: 1"=20'

SITE PREPARATION

**2023 AAC 15TH AVE
W/NW,
& BALLARD BRIDGE**

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
SP10	
SHEET 19 OF 97	

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NW 58TH ST

NW 57TH ST

15TH AVE NW

NW 56TH ST




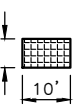
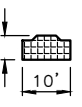
15TH AVE NW

NW MARKET ST

MATCH LINE STA 5+25 - SEE BELOW LEFT

MATCH LINE STA 5+25 - SEE ABOVE RIGHT

MATCH LINE STA 9+75 - SEE UF2

-  REMOVE TREE (TYP)
-  NEW TREE (TYP)
-  REMOVE AND REPLACE TREE (TYP)
-  NEW OR EXPANDED TREE PIT w/FLEXIBLE POROUS SURFACE TREATMENT (TYP)
-  NEW OR EXPANDED TREE PIT w/FLEXIBLE POROUS SURFACE TREATMENT (TYP)
- THE MINIMUM SIZE FOR REPLACEMENT TREES WITHIN THE ROW SHOULD BE 2"-2.5" CALIPER MINIMUM. (STANDARD PLAN 100A)



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URBAN FORESTRY

PW#2022-xxx

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

INITIALS AND DATE	
DESIGNED CHECKED	REVIEWED: DES. SDOT CONST. PROJ. MGR.
DRAWN CHECKED	RECEIVED REVISED AS BUILT
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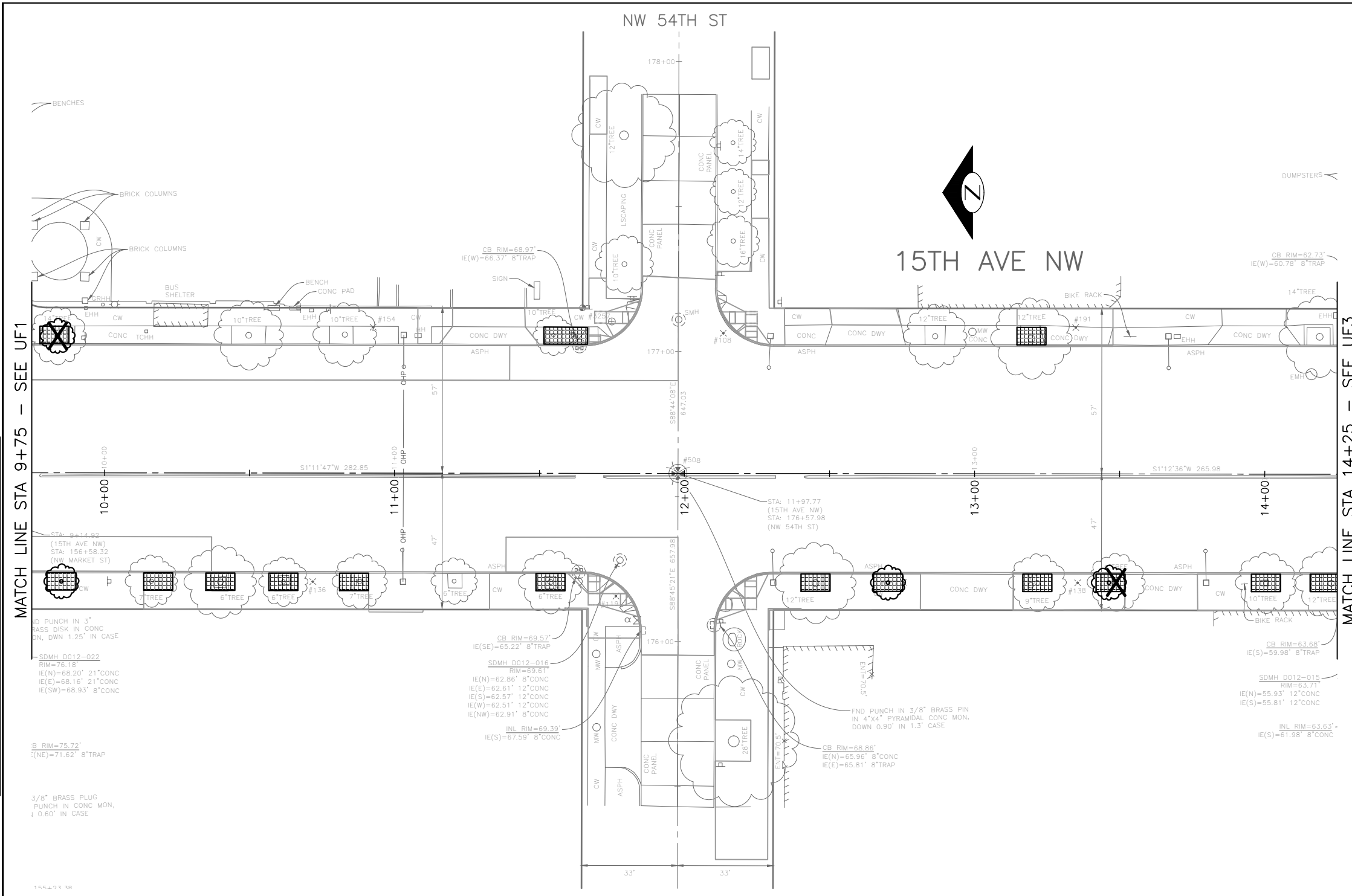
Seattle Department of Transportation
 ORDINANCE NO. %% PW NO. 2022-xxx
 SUBPROJECT ID: %%
 SCALE: 1"=20'

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

JOB #	PC TRC0481
CO	TRC0481
VPI #	XXX-XXX
UF1	
SHEET 20 OF 97	

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Vault Serial No.	Date	Mark	Nature	Made Chkd	Rev'd
XXXXX					



- REMOVE TREE (TYP)
- NEW TREE (TYP)
- REMOVE AND REPLACE TREE (TYP)
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DATE	MARK	NATURE	MADE CHKD	REV'D
XXXX				

MATCH LINE STA 9+75 - SEE UF1

MATCH LINE STA 14+25 - SEE UF3



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URBAN FORESTRY

PW#2022-xxx

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

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

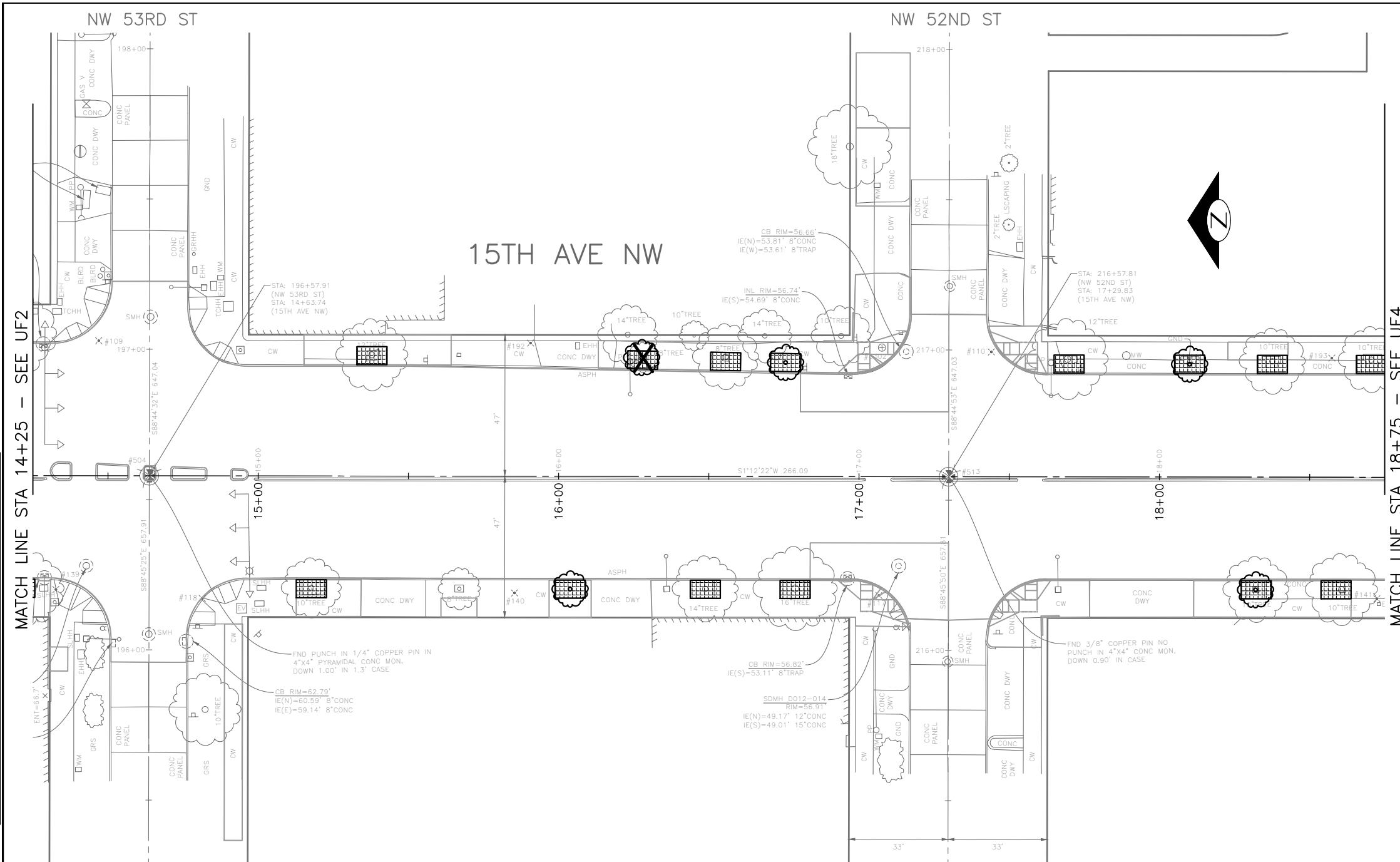


Seattle Department of Transportation
 ORDINANCE NO. %% PW NO. 2022-xxx
 SUBPROJECT ID: %%
 SCALE: 1"=20'

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

JOB	PC	TRC0481
	CO	TRC0481
VPI #		XXX-XXX
		UF2
		SHEET 21 OF 97

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- REMOVE TREE (TYP)
 - NEW TREE (TYP)
 - REMOVE AND REPLACE TREE (TYP)
 - NEW OR EXPANDED TREE PIT w/FLEXIBLE POROUS SURFACE TREATMENT (TYP)
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VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX					

MATCH LINE STA 14+25 - SEE UF2

MATCH LINE STA 18+75 - SEE UF4



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URBAN FORESTRY

PW#2022-xxx

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DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
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CITY PURCHASING & CONTRACTING SERVICES 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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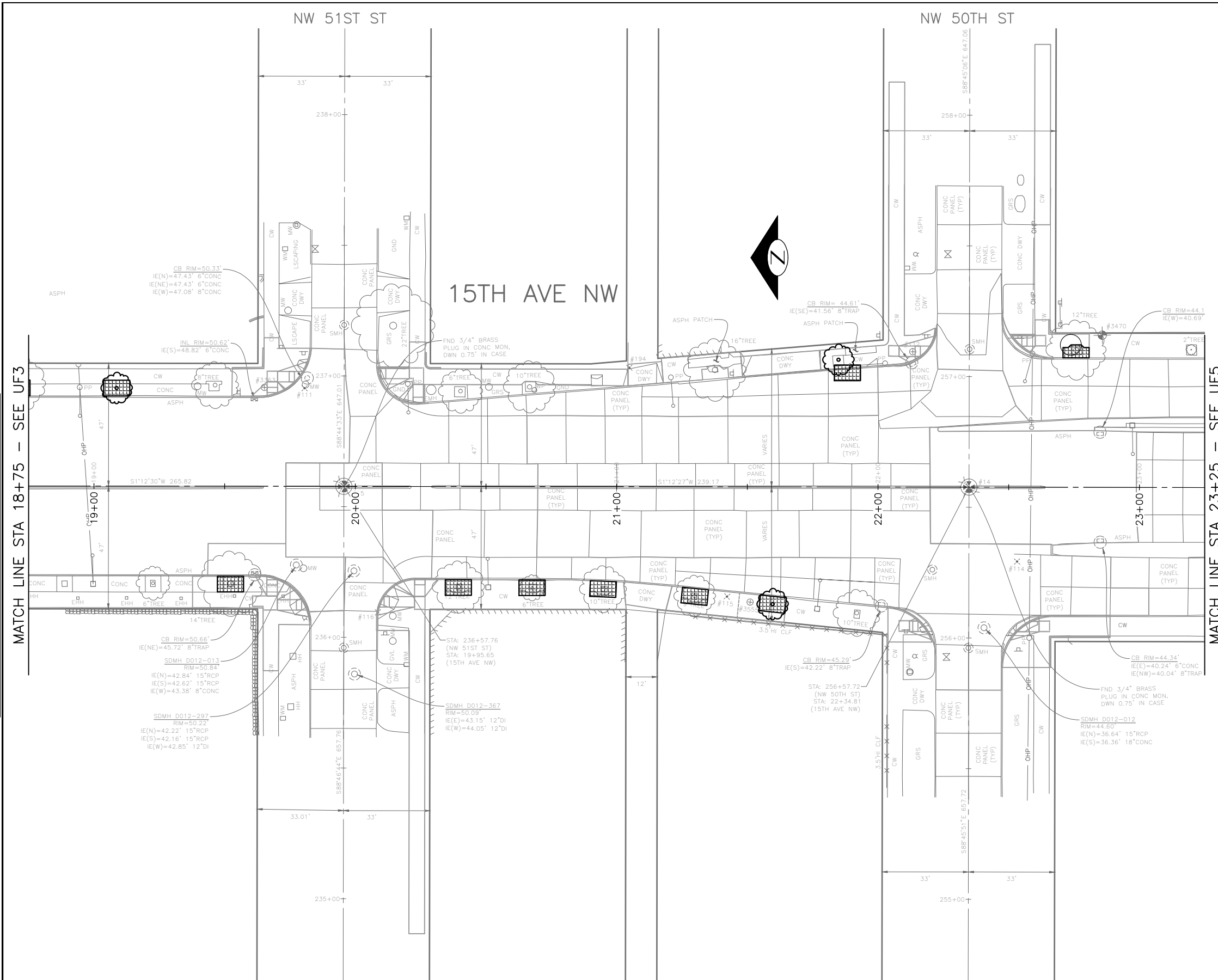
Seattle Department of Transportation

ORDINANCE NO. %% PW NO. 2022-xxx
SUBPROJECT ID: %%
SCALE: 1"=20'

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

JOB #	PC TRC0481
	CO TRC0481
VPI #	XXX-XXX
	UF3
SHEET	22 OF 97

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Jun-31-23 10:02am



- REMOVE TREE (TYP)
- NEW TREE (TYP)
- REMOVE AND REPLACE TREE (TYP)
- NEW OR EXPANDED TREE PIT w/FLEXIBLE POROUS SURFACE TREATMENT (TYP)
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Vault Serial No.	Date	Mark	Nature	Made Chkd	Rev'd
XXXXX					

MATCH LINE STA 18+75 - SEE UF3

MATCH LINE STA 23+25 - SEE UF5



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URBAN FORESTRY

PW#2022-xxx

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

DESIGNED	INITIALS AND DATE	REVIEWED:	INITIALS AND DATE
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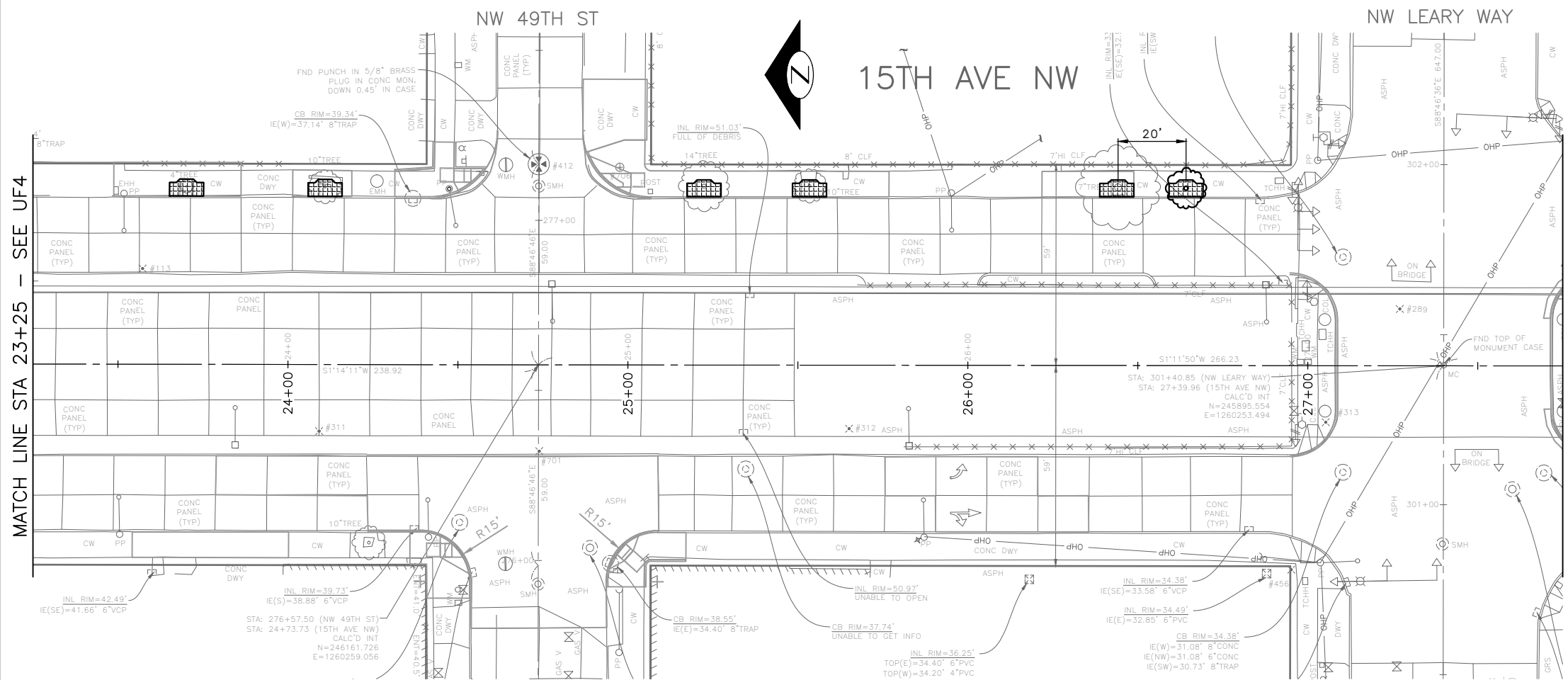


Seattle Department of Transportation
 ORDINANCE NO. %% PW NO. 2022-xxx
 SUBPROJECT ID: %%
 SCALE: 1"=20'

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
	UF4
SHEET	23 OF 97

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 Jun-31-23 10:02am



- REMOVE TREE (TYP)
- NEW TREE (TYP)
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Vault Serial No.	Date	Mark	Nature	Made Chkd	Rev'd
XXXXX					
REVISIONS					

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PW#2022-xxx

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 SEATTLE, WASHINGTON 20

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED		REVIEWED:	
CHECKED		DES.	CONST.
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DRAWN		RECEIVED	
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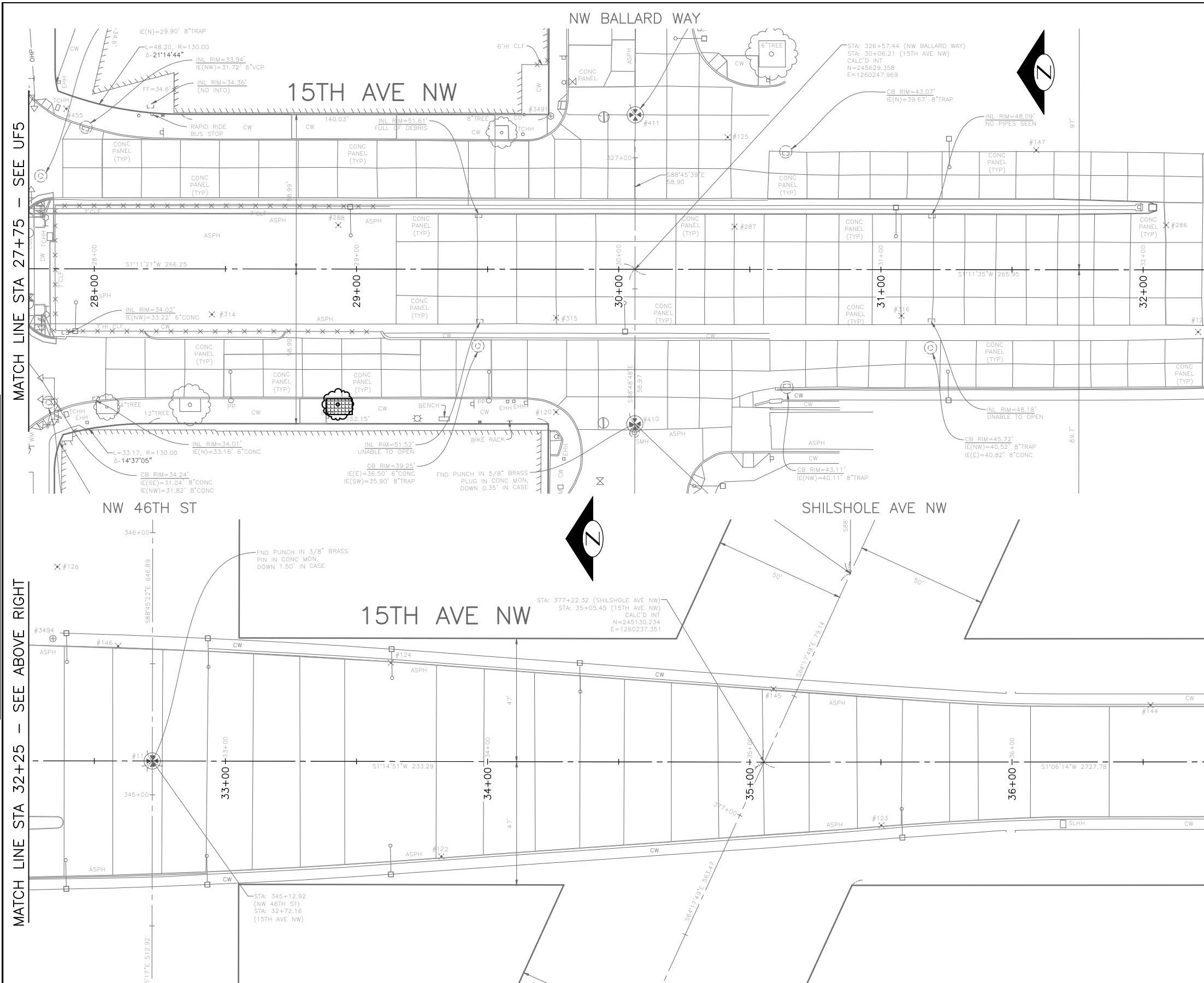
Seattle Department of Transportation

ORDINANCE NO. %% PW NO. 2022-xxx
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2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
UF5	
SHEET 24 OF 97	

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 Jun-31-23 10:02am



MATCH LINE STA 32+25 - SEE BELOW LEFT

MATCH LINE STA 27+75 - SEE UF5

- REMOVE TREE (TYP)
- NEW TREE (TYP)
- REMOVE AND REPLACE TREE (TYP)
- NEW OR EXPANDED TREE PIT w/FLEXIBLE POROUS SURFACE TREATMENT (TYP)
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MADE CHKD	REV'D
NATURE	REVISIONS
DATE	MARK
Vault Serial No.	XXXXX

MATCH LINE STA 32+25 - SEE ABOVE RIGHT



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PW#2022-xxx

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: CITY PURCHASING & CONTRACTING SERVICES DIRECTOR	
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Seattle Department of Transportation

ORDINANCE NO. %% PW NO. 2022-xxx

SUBPROJECT ID: %%

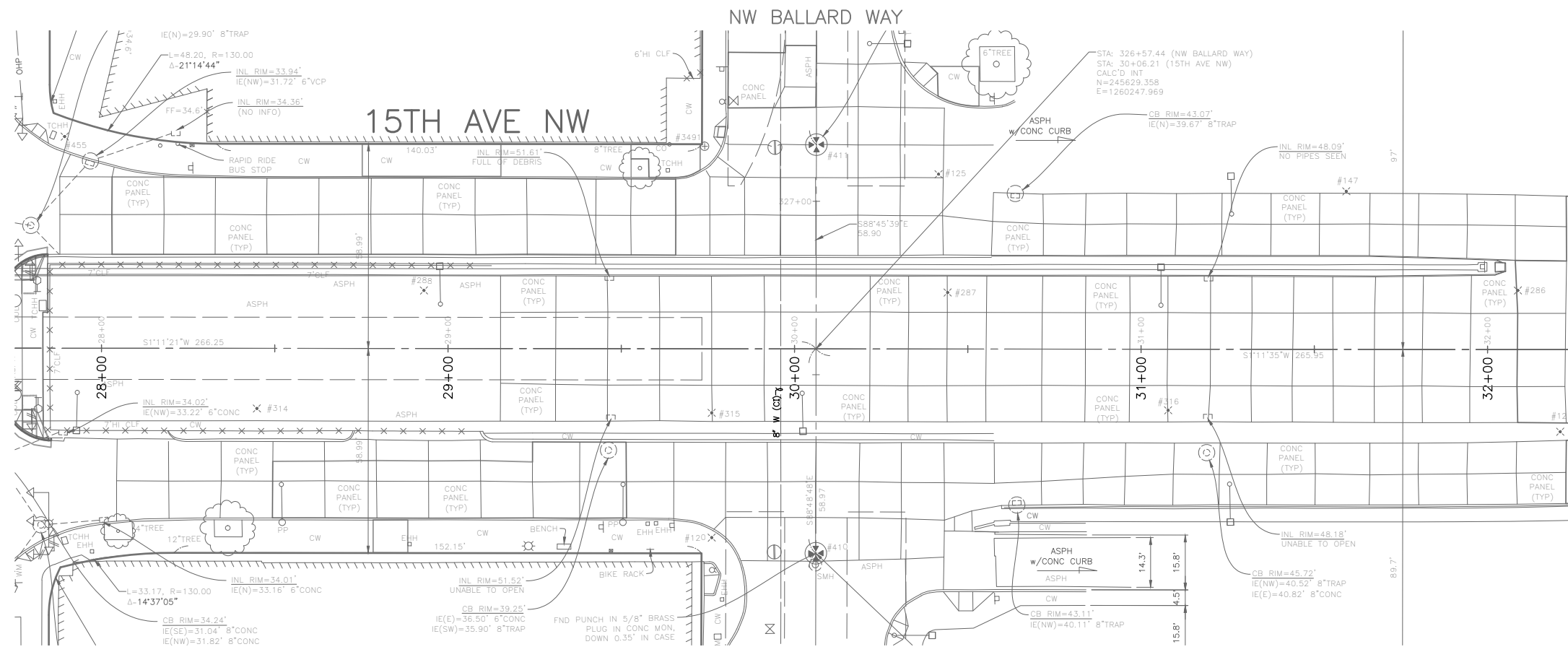
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URBAN FORESTRY

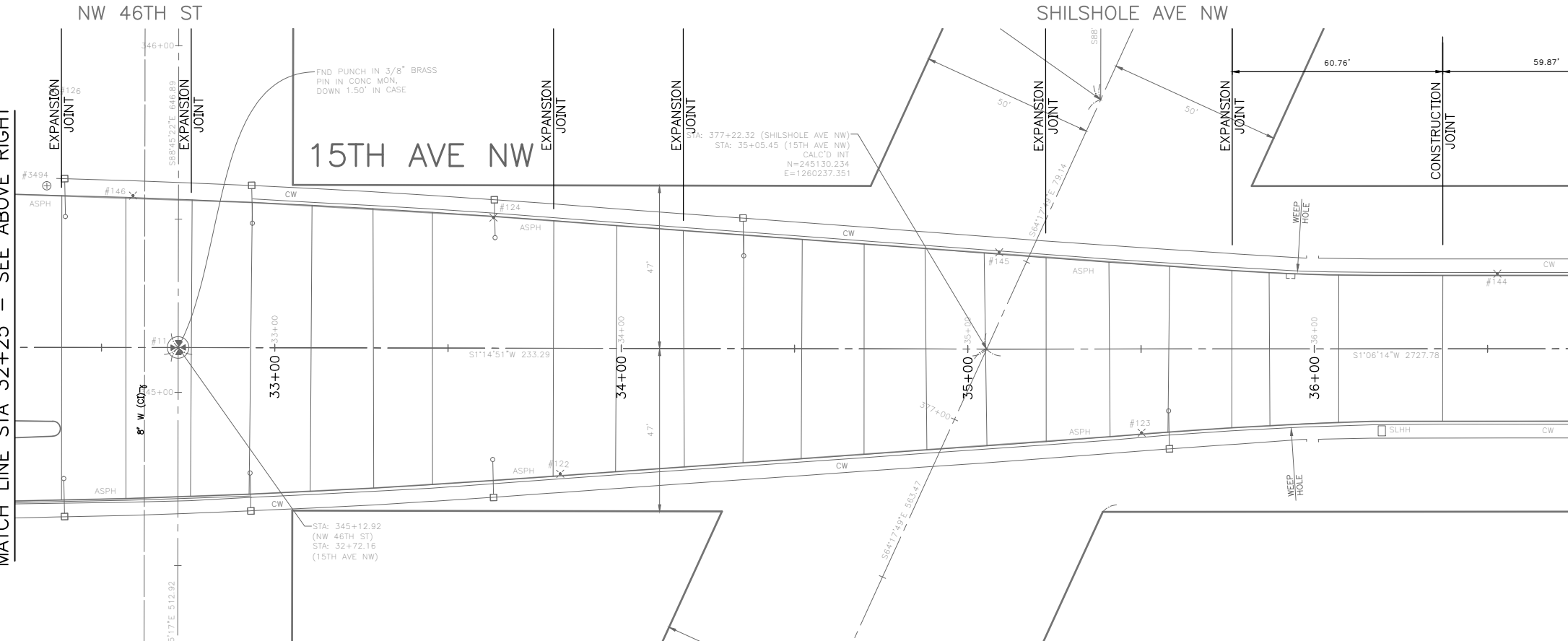
2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

JOB	PC TRC0481
	CO TRC0481
VPI #	XXX-XXX
UF6	
SHEET 25 OF 97	

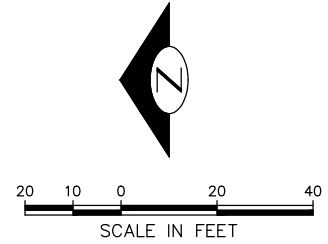
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MATCH LINE STA 32+25 - SEE BELOW LEFT



MATCH LINE STA 36+75 - SEE DRAWING ST2



90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

BRIDGE WORK

MADE CHKD	REV'D
NATURE	REVISIONS
DATE	MARK
Vault Serial No.	XXXXX

PW#2022-xxx

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

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

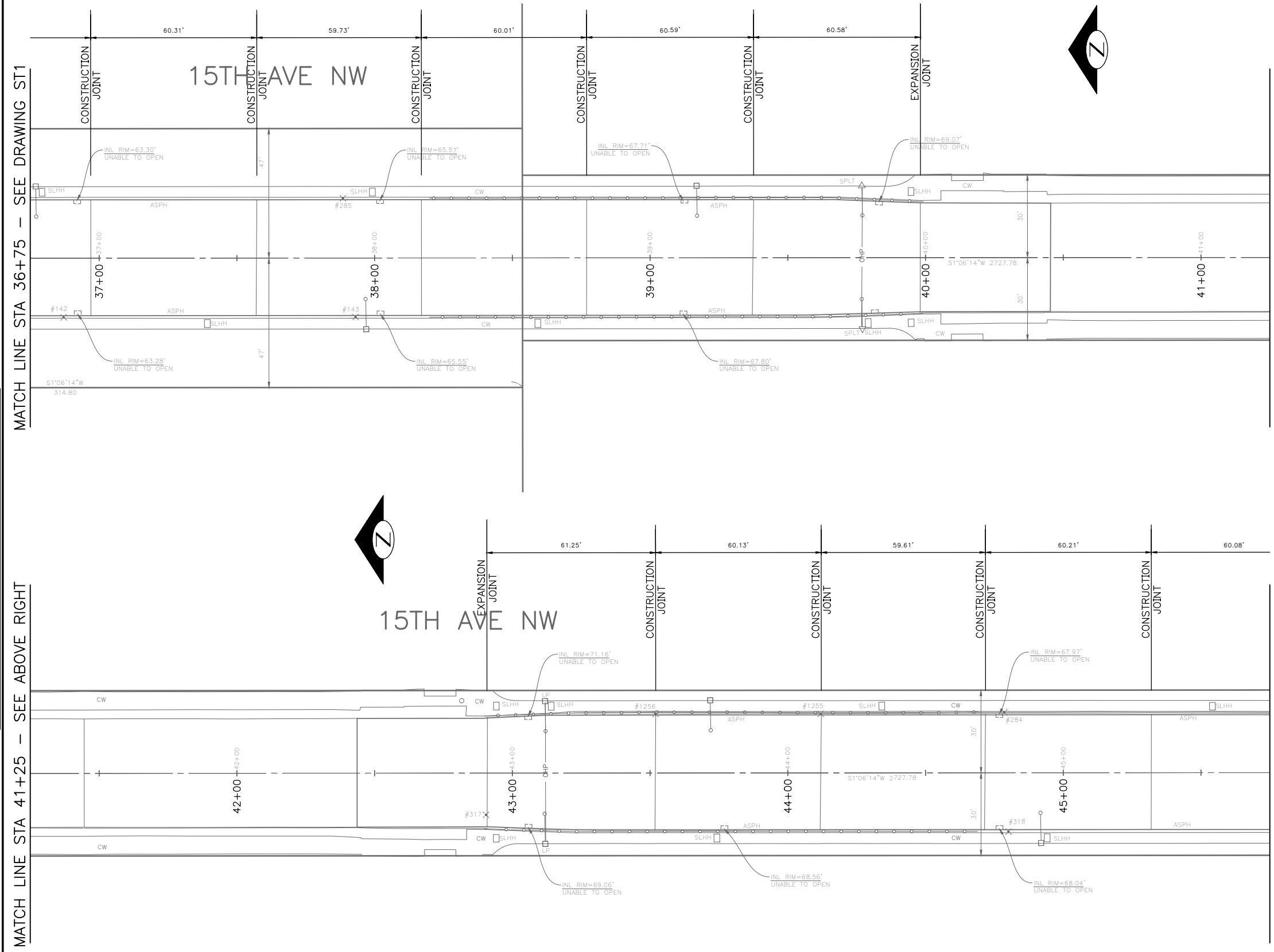


Seattle Department of Transportation
 ORDINANCE NO. %% PW NO. 2022-xxx
 SUBPROJECT ID: %%
 SCALE: 1"=20'

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

JOB #	PC	TRC0481
	CO	TRC0481
VPI #		XXX-XXX
		ST1
		SHEET 26 OF 97

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VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX					



90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

BRIDGE WORK

PW#2022-xxx

APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20		INITIALS AND DATE	INITIALS AND DATE
BY: CITY PURCHASING & CONTRACTING SERVICES DIRECTOR		DESIGNED CHECKED	REVIEWED: DES. CONST. SDOT PROJ. MGR.
		DRAWN CHECKED	RECEIVED REVISED AS BUILT



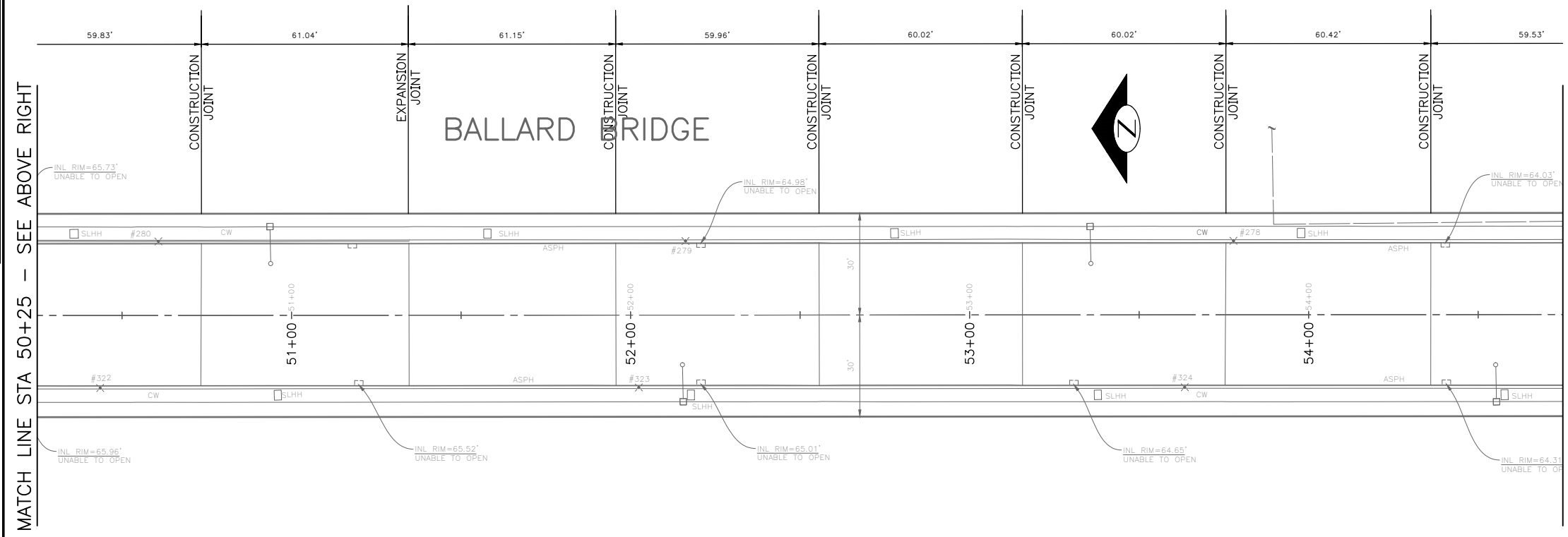
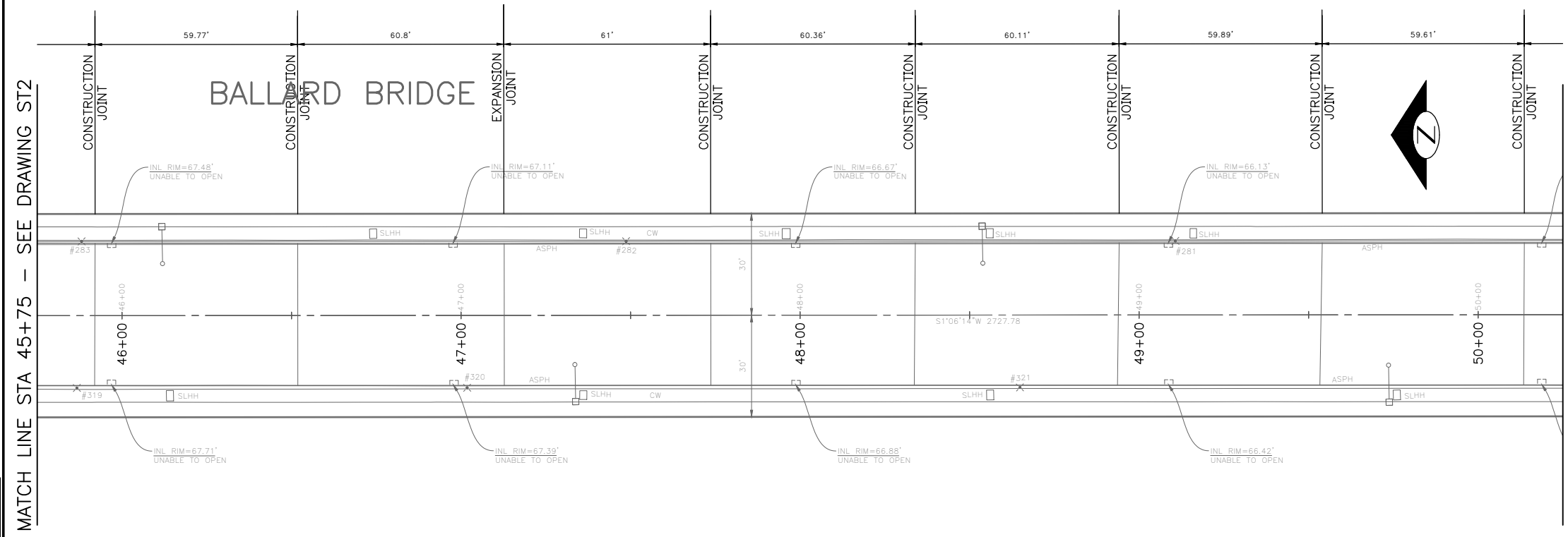
Seattle Department of Transportation

ORDINANCE NO. %% PW NO. 2022-xxx
SUBPROJECT ID: %%
SCALE: 1"=20'

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

JOB	PC TRC0481
CO	TRC0481
VPI #	XXX-XXX
ST2	
SHEET 27 OF 97	

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BRIDGE WORK

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX			REVISIONS		

PW#2022-xxx

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	

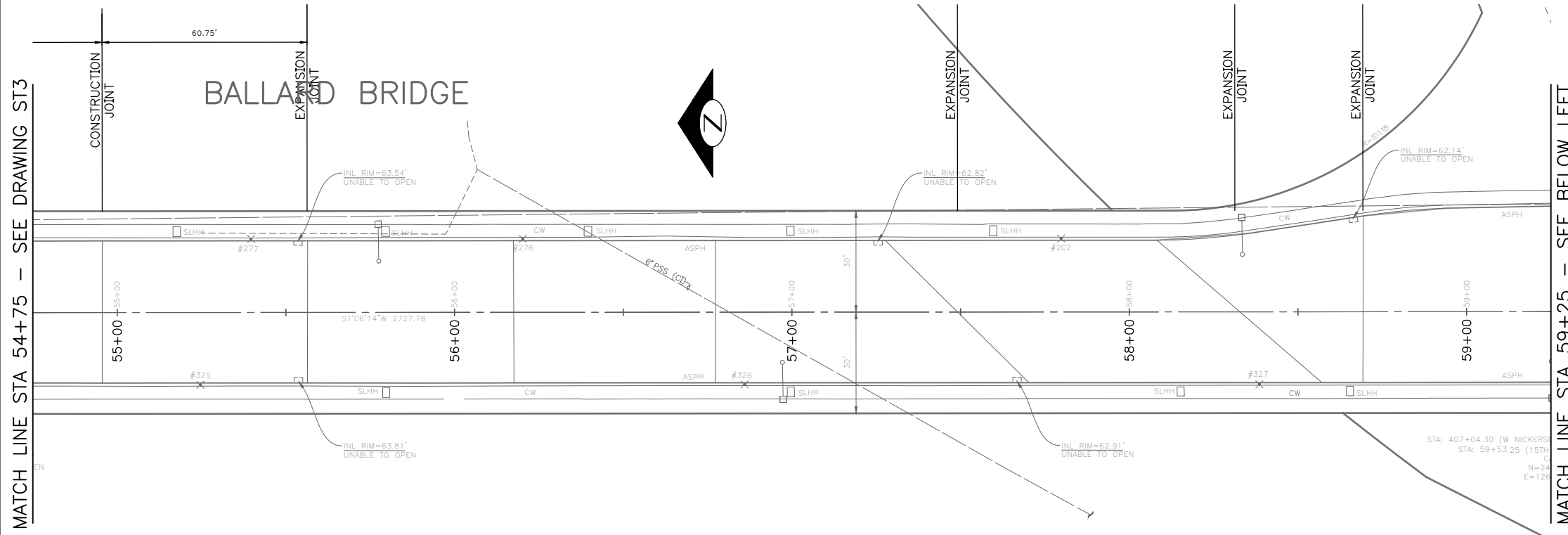


Seattle Department of Transportation
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SUBPROJECT ID: %%
SCALE: 1"=20'

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

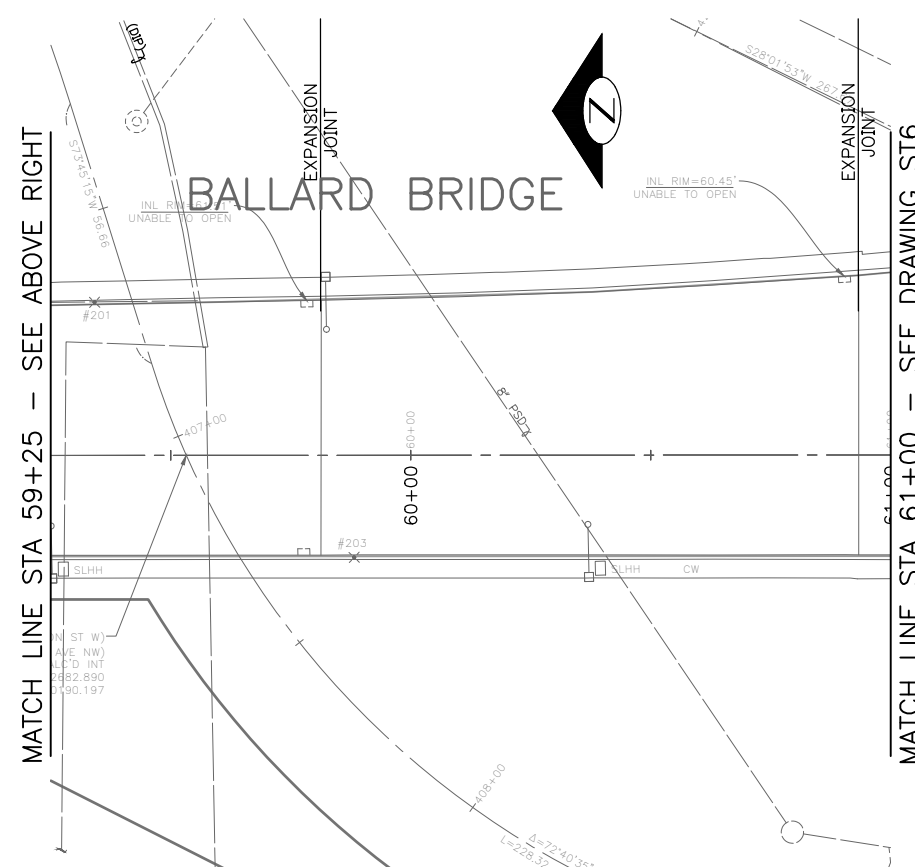
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	CO	TRC0481
VPI #		XXX-XXX
		ST3
		SHEET 28 OF 97

P:\SDOT\PC\trc0481_2022 acc 15th ave nw\0-plot sheets\TRC0481_LP-STRC.dwg Jun-31-23 10:03am



MATCH LINE STA 54+75 - SEE DRAWING ST3

MATCH LINE STA 59+25 - SEE BELOW LEFT



MATCH LINE STA 59+25 - SEE ABOVE RIGHT

MATCH LINE STA 61+00 - SEE DRAWING ST6

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX			REVISIONS		

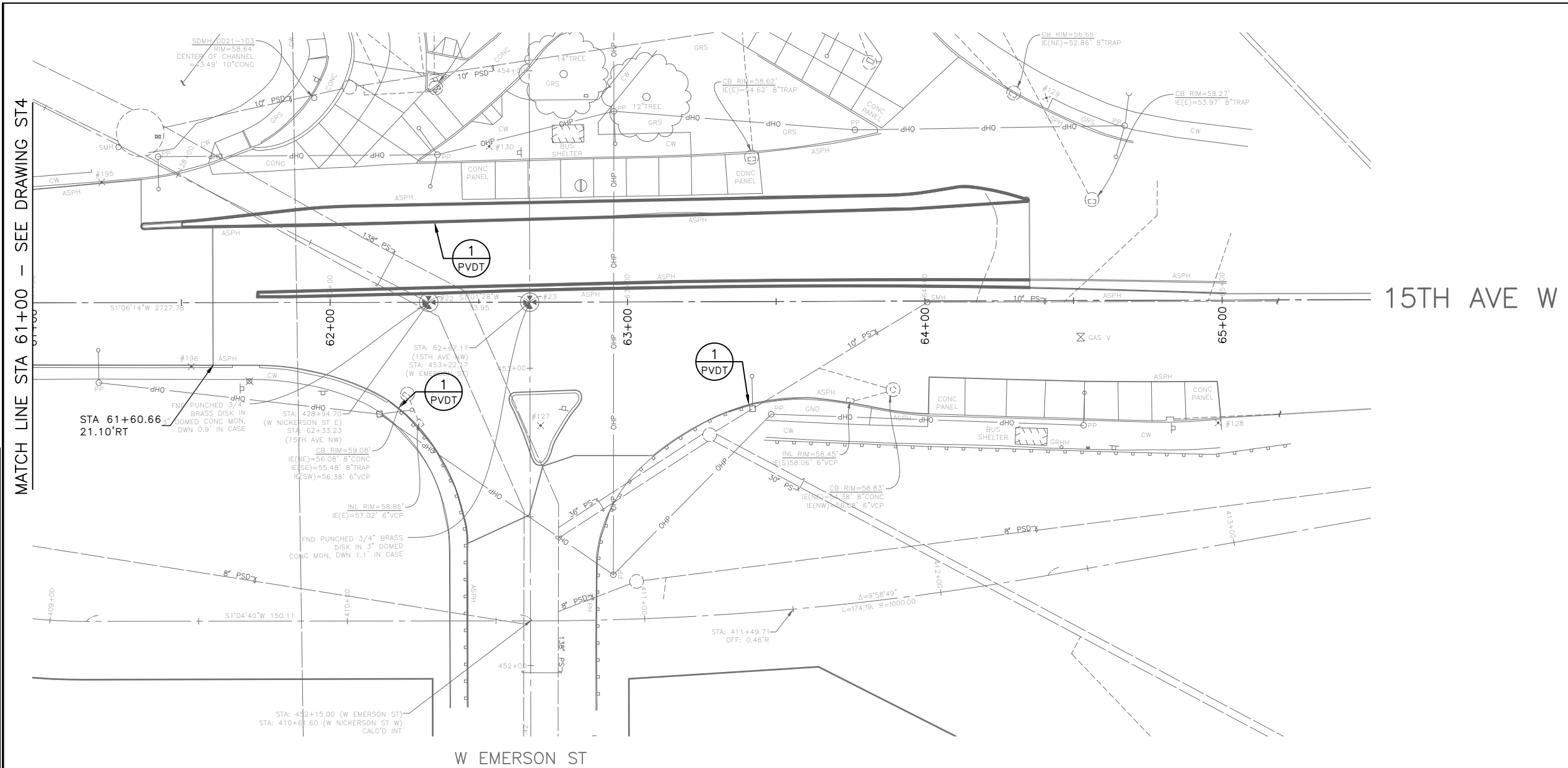


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BRIDGE WORK

PW#2022-xxx	APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED CHECKED DRAWN CHECKED	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR. RECEIVED REVISED AS BUILT		<p>ORDINANCE NO. %% PW NO. 2022-xxx SUBPROJECT ID: %% SCALE: 1"=20'</p>	2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE	JOB PC TRC0481 CO TRC0481 VPI # XXX-XXX ST4 SHEET 29 OF 97
	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.				

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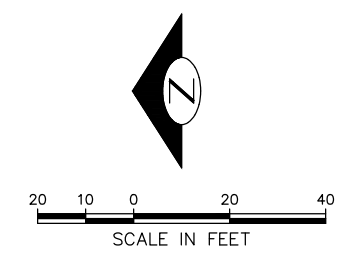


MATCH LINE STA 61+00 - SEE DRAWING ST4

15TH AVE W

W EMERSON ST

DATE	MARK	NATURE	MADE	CHK'D	REV'D
XXXXX					



90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

BRIDGE WORK

PW#2022-xxx

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

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

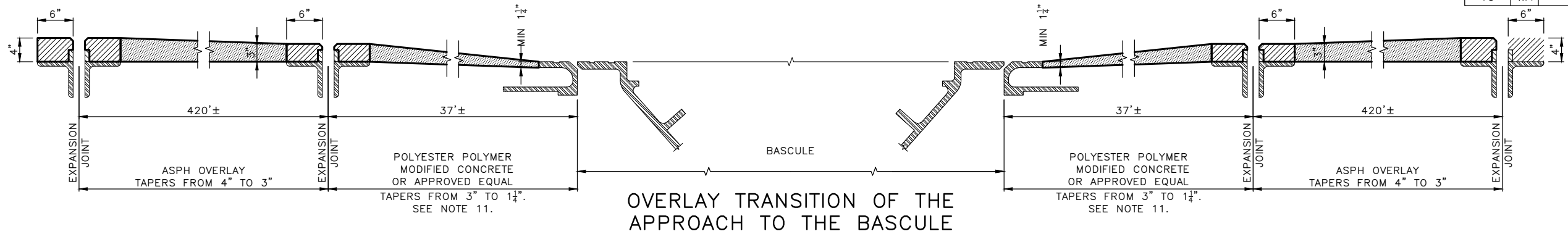


Seattle Department of Transportation
 ORDINANCE NO. %% PW NO. 2022-xxx
 SUBPROJECT ID: %%
 SCALE: 1"=20'

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
ST5	
SHEET 30 OF 97	

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OVERLAY TRANSITION OF THE APPROACH TO THE BASCULE
(TYPICAL ON BOTH ENDS OF THE BASCULE AND AT THE NORTH END JOINT THAT TERMINATES AT THE SOUTH END OF THE LEARY WAY BRIDGE. SEE DETAIL _____ ON SHEET _____)

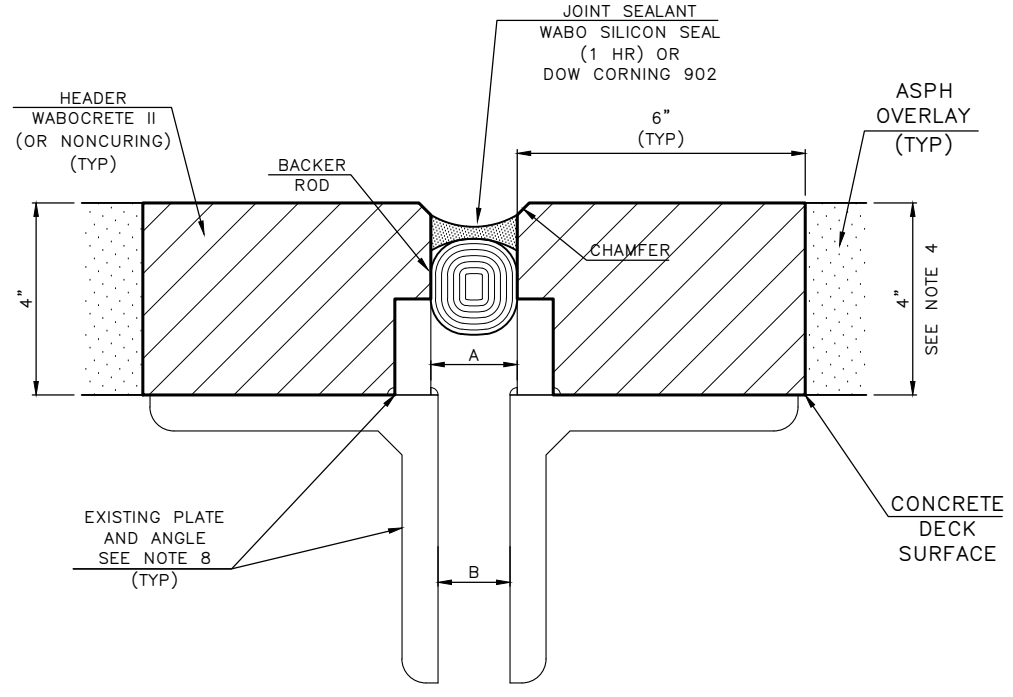
EXPANSION JOINT GAP WIDTH RECORDED IN 1993

TEMPERATURE 50°F					
JOINT #	SPAN LENGTH IN FEET	MEASURED GAP IN INCHES		JOINT DETAIL *	REMARKS
		A	B		
1	75	1.81	1.19	B, D, F, C	
2	93	1.63	1.31	A-1, E, C	
3	56	2.06	1.13	A-1, E, C	
4	79	1.13	0.75	J	
5	138	1.81	1.56	J	
6	308	1.94	1.63	J	
7	422	1.81	1.5	J	
8	421	2	1.63	J	
9	211	1.81	1.56	J	
10	211	1.81	1.56	J	
11	290	1.5	1.19	A, J	
12				I, H	
13	169	1.44	1.31	A, J	
14				I, H	
15	89	1	0.38	K, J	
16				I, H	

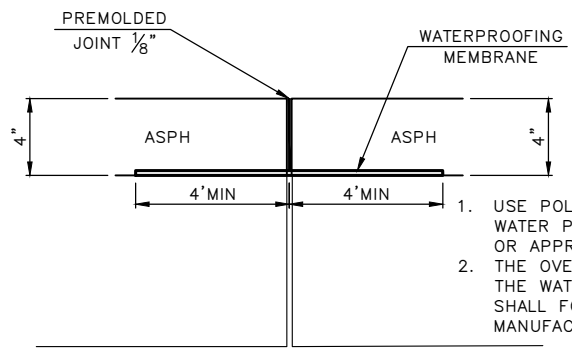
* SEE COS PLAN 865-42 SHEETS 1 AND 2

NOTE:

- EXISTING POLYMER HEADER SHOULD BE REMOVED CAREFULLY SO THAT THE STEEL ARMOR OF THE JOINT IS NOT DAMAGED.
- AFTER REMOVING THE HEADER AND SEALANT, CLEAN ALL BITUMINOUS MATERIAL, DIRT, GREASE, OR ANY OTHER DELETERIOUS MATERIAL WITHIN 10 INCHES FROM EACH SIDE OF THE JOINT. FOR BETTER BONDING TO THE HEADER, THE SURFACE AREA OF THE DECK AND THE STEEL ARMOR WHERE THE HEADER WILL SEAT SHOULD BE CLEANED BY SAND BLASTING.
- BLOCK THE JOINT AREA BEFORE PLACING THE OVERLAY. SAW CUT THE OVERLAY WHERE THE HEADER WILL BE PLACED. BEFORE PLACING THE HEADER, CHECK THE SUBSTRATE IS CLEAN AND DRY. HEADER MATERIAL IS SENSITIVE TO MOISTURE AND SHALL BE INSTALLED WHEN THE SURFACE IS DRY AND NO RAINING.
- YOU MAY USE WABOCRETE II FOR THE HEADER AND WABO SILICON SEAL FOR THE SEALANT OR APPROVED EQUAL. THE DEPTH OF THE HEADER SHOULD MATCH THE DEPTH OF THE ASPHALT OVERLAY.
- JOINT OPENING MAY VARY FROM ONE TO THE OTHER AS SHOWN IN THE TABLE ABOVE. THE GAP WIDTH SHOWN IN THIS TABLE SHOULD BE VERIFIED WHEN THE EXISTING HEADER AND SEALANT IS REMOVED.
- AFTER THE HEADER IS SET, PLACE A BACKER ROD TO THE REQUIRED DEPTH AS RECOMMENDED BY THE SEALANT MANUFACTURER. THE BACKER ROD FOAM SHALL BE 25% LARGER THAN THE JOINT OPENING.
- IF THE CONTRACTOR HAS A DIFFERENT JOINT DETAIL PLAN, IT CAN BE SUBMITTED PRIOR TO CONSTRUCTION FOR REVIEW AND APPROVAL.
- THE JOINT DETAIL REPAIR SHOWN HERE IS APPLICABLE TO MOST OF THE EXPANSION JOINTS WHICH HAVE LITTLE DIFFERENCE IN TERMS OF THE ARMOR. IN JOINT DETAILS C AND E, THE WELDED RAISER BAR HAS STIFFENER GUSSET PLATES. DESPITE FEW DIFFERENCES IN THE STEEL ARMOR, THE REPAIR IS APPLICABLE TO ALL JOINT TYPES EXCEPT FOR I & H JOINT DETAILS WHICH IS JOINT 12, 14 & 16.
- FOR JOINTS 12, 14 AND 16 THAT HAVE I & H DETAILS, THE REPAIR FOR SLAB EXPANSION JOINTS WILL WORK. SEE DETAIL.
- IF ANY OF THE STEEL BARS ARE LOOSE AND MISSING, REMOVE THE LOOSE ONE AND THE HEADER CAN BE PLACED ON TOP OF THE JOINT ARMOR.
- FOR THE TRANSITION OVERLAY TO THE BASCULE BRIDGE, USE PPC 1121 WHICH IS FAST SETTING AND CAN HAVE VARIABLE DEPTH FROM MIN 3/8" TO 12". FOR OTHER PRODUCTS, SUBMIT FOR REVIEW AND APPROVAL. REBARS ENCOUNTERED DURING REMOVAL OF CONCRETE DECK AT THE END OF THE TRANSITION TO THE ARMOR OF THE BASCULE SHALL BE PROTECTED IN PLACE.
- THE TAPERING OF THE OVERLAY SHOULD BE GRADUAL AND NO STEEPER THAN 1:12.



TYPICAL EXPANSION JOINT
TOTAL 16
SEE ALSO NOTE (NTS)



TYPICAL CONCRETE SLAB EXPANSION JOINT
TOTAL 24

(TYPICAL FOR ALL SLAB EXPANSION JOINTS AND JOINTS WITH DETAILS I AND H)
(NTS)

BALLARD BRIDGE ASPHALT OVERLAY JOINT REPAIR DETAIL

90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

BRIDGE WORK DETAILS

2022-XXX

APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED CHECKED	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.
BY: PURCHASING AND CONTRACTING DIRECTOR	DRAWN CHECKED	RECEIVED REVISED AS BUILT

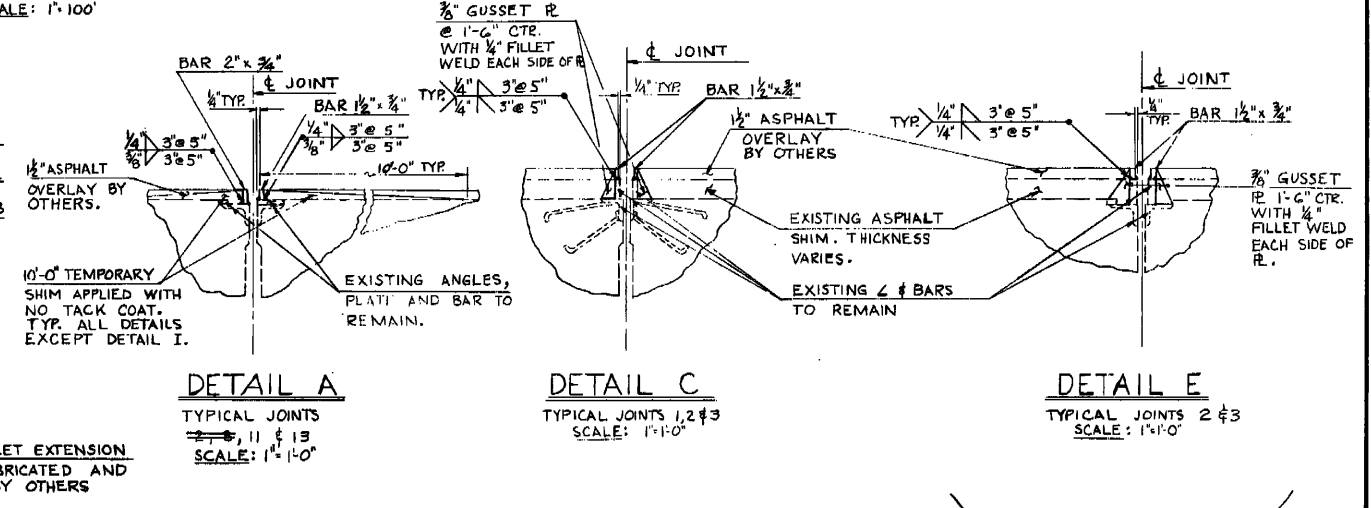
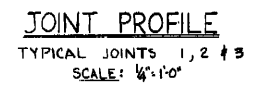
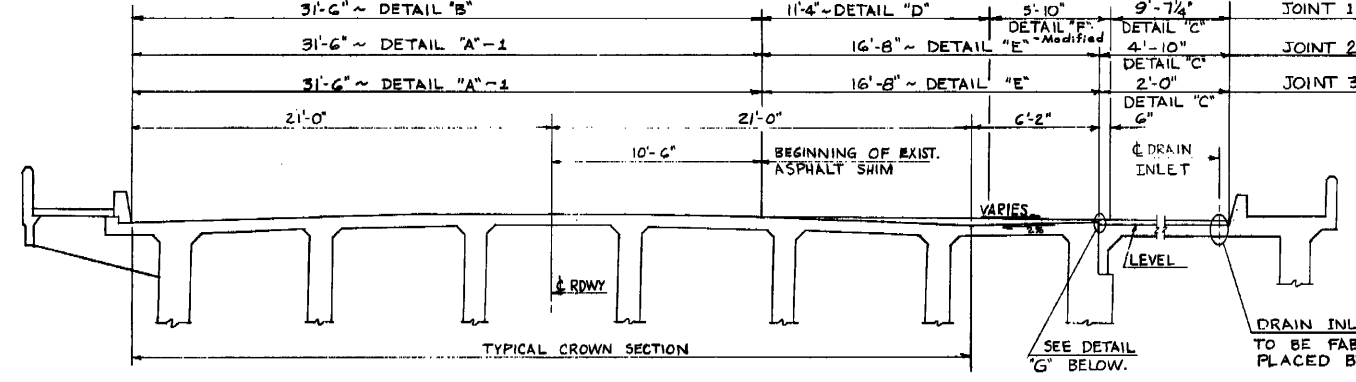
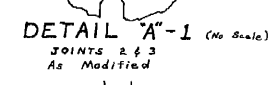
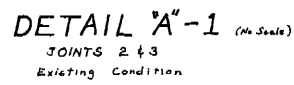
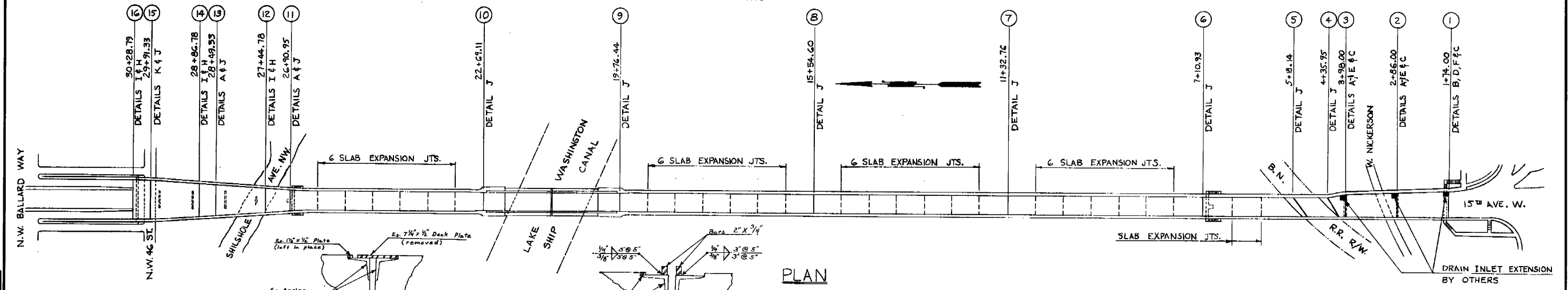
Seattle Department of Transportation
ORDINANCE NO. PW NO. 2022-xxx
SCALE: NO SCALE

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

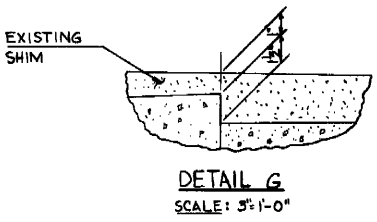
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CO	TRC0481
VPI #	XXX-XXX
ST6	
SHEET 31 OF 97	

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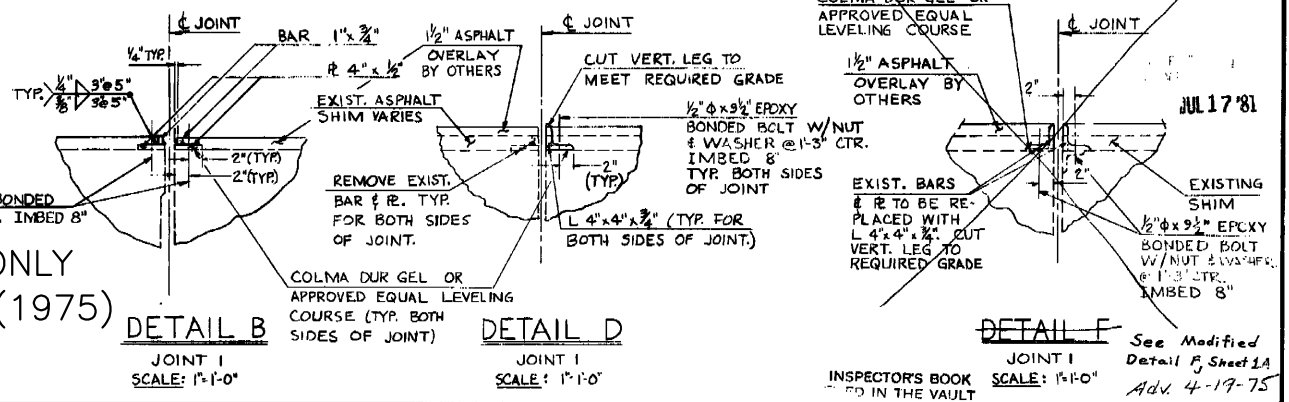
FOR REFERENCE ONLY
865-42 SHEET A1 (1975)
NTS



- NOTES:
- ASPHALT DAMS ARE TO BE VERTICAL AFTER WELDING.
 - TEMP ASPHALT SHIMS ARE TO BE PLACED USING NO TACK COAT.
 - MAX. ANCHOR SPACING IS 1'-3". THE END ANCHORS ARE 3" FROM END OF PLATE OR ANGLE. A CORE DRILL IS TO BE USED FOR ALL ANCHOR HOLES.
 - ASPHALT DAM IS TO BE WELDED AT POINT OF DETAIL CHANGE TO PROVIDE CONTINUITY AND STRAIGHT ALIGNMENT.
 - FINAL PROFILE SHALL BE 1/2" ABOVE EXISTING PROFILE.
 - DIMENSIONS OF EXISTING MEMBERS ARE TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
 - WELDING SHALL CONFORM TO THE CURRENT SPECIFICATIONS FOR WELDED HIGHWAY AND RAILROAD BRIDGES OF THE AMERICAN WELDING SOCIETY.



FOR REFERENCE ONLY
865-42 SHEET A1 (1975)
NTS



APPROVED BY THE BOARD OF PUBLIC WORKS
SEATTLE, WASHINGTON
1-29-75
ATTEST: *David P. Towne* CHAIRMAN
Randy S. ... SECRETARY

DESIGNED: TLR
DRAWN: TLR
CHECKED: ANS
REVIEWED:
FINAL CONST. CHECKER: 8-14-75
APPROVED: *Paul A. Wiatrak* 1-2-75
APPROVED: *...* 1-2-75
APPROVED: *...* 1-7-75
APPROVED: *...* 1-7-75
File No. 733-13

THE CITY OF SEATTLE
DEPARTMENT OF ENGINEERING
PAUL A. WIATRAC, CITY ENGINEER
ORDINANCE NO. 104355 APPROVED 3-12-75
RUND: SCALE: H. V. INSPECTOR'S BOOK NO.

BALLARD BRIDGE EXPANSION
JOINT MODIFICATION
Posted P.L. 10-19-76 DBM
Constructed per plan except where noted otherwise.

CITY ENGR'S DWG. NO. 865-42
SHEET NUMBER 1 OF 2
INSPECTOR'S BOOK NO. IN THE VAULT
JUL 17 '81
See Modified Detail F, Sheet 1A Adv. 4-19-75

90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

BRIDGE WORK DETAILS

2022-XXX
APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20
BY: PURCHASING AND CONTRACTING DIRECTOR

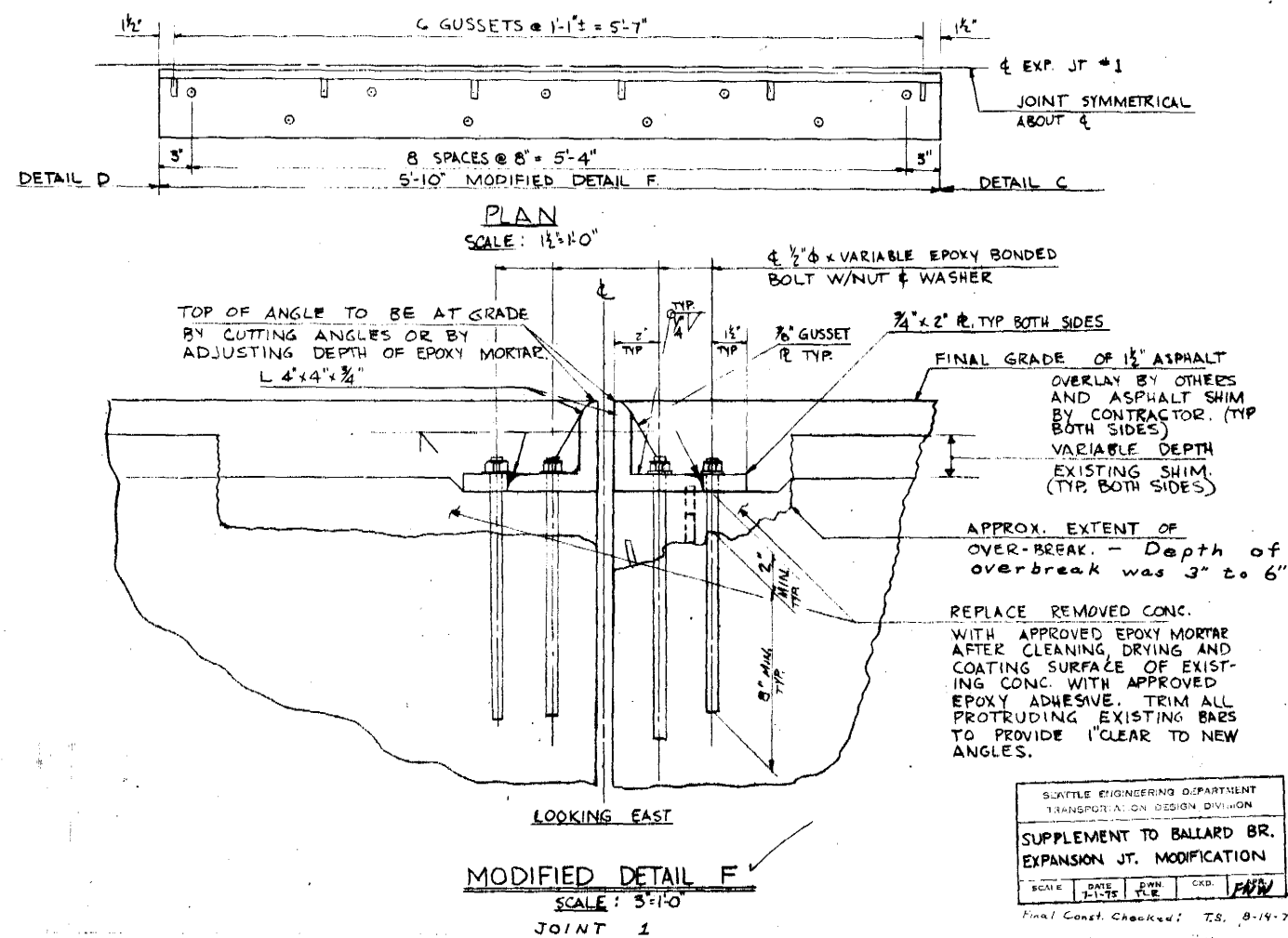
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CHECKED: ANS
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INITIALS AND DATE
REVIEWED: DES. CONST.
SDOT PROJ. MGR.
RECEIVED
REVISED AS BUILT
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND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

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2022-XXX
SCALE: NO SCALE

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE
PC TRC0481
CO TRC0481
VPI # XXX-XXX
ST7
SHEET 32 OF 97

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FOR REFERENCE ONLY
865-42 SHEET A1 (1975)
NTS



FOR REFERENCE ONLY
865-42 SHEET A1 (1975)
NTS

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BRIDGE WORK DETAILS

2022-XXX

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

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	CHECKED	REVIEWED:	DES. CONST.
SDOT		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.

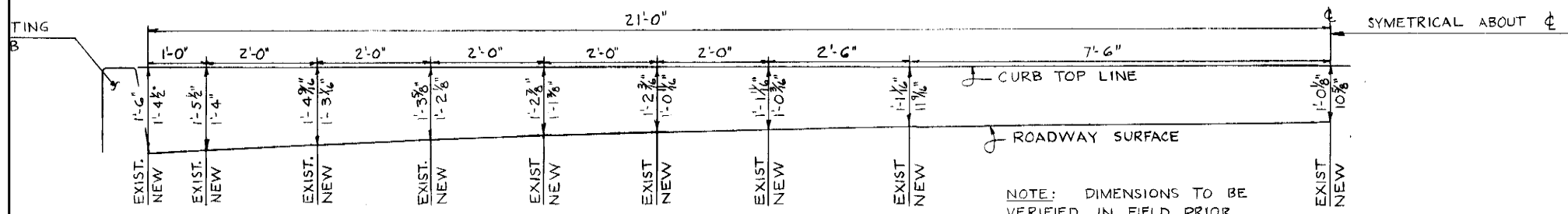


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2023 AAC 15TH AVE
W/NW,
& BALLARD BRIDGE

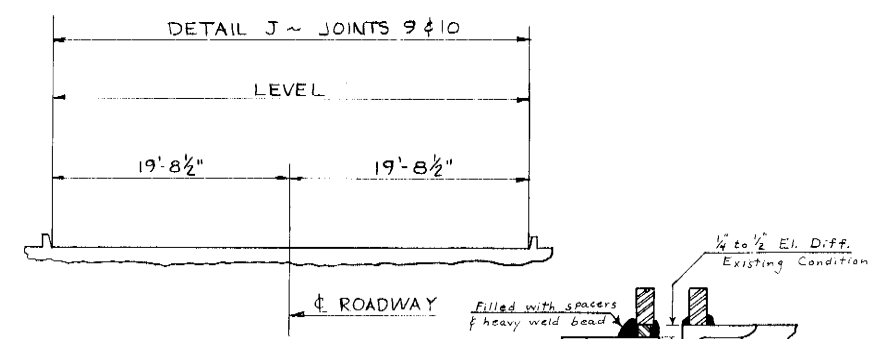
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CO	TRC0481
VPI #	XXX-XXX
ST8	
SHEET 33 OF 97	

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX					



TYPICAL CROWN
SCALE: 3/4"=1'-0"

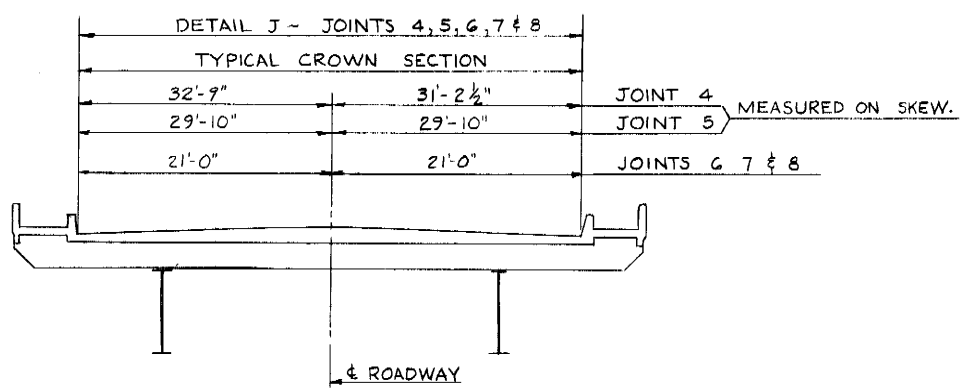
NOTE: DIMENSIONS TO BE VERIFIED IN FIELD PRIOR TO FABRICATION. HORIZONTAL DISTANCES ARE 90° TO ROADWAY ϕ , INCLUDING JOINTS 4 & 5.



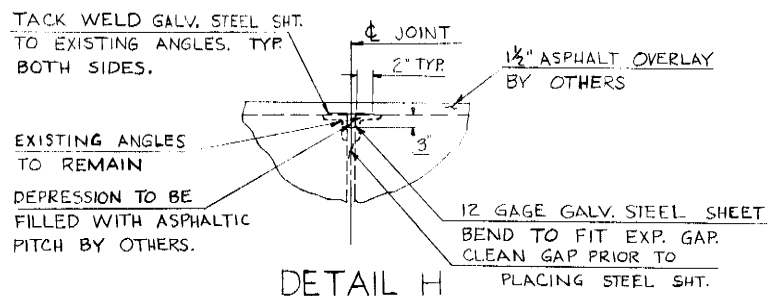
JOINT PROFILE
TYPICAL JOINTS 9 & 10
SCALE: 1/8"=1'-0"

DETAIL J-1
JOINTS 4 & 13 ONLY
NO SCALE

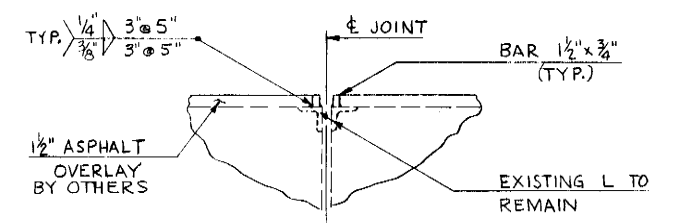
FOR REFERENCE ONLY
865-42 SHEET A1 (1975)
NTS



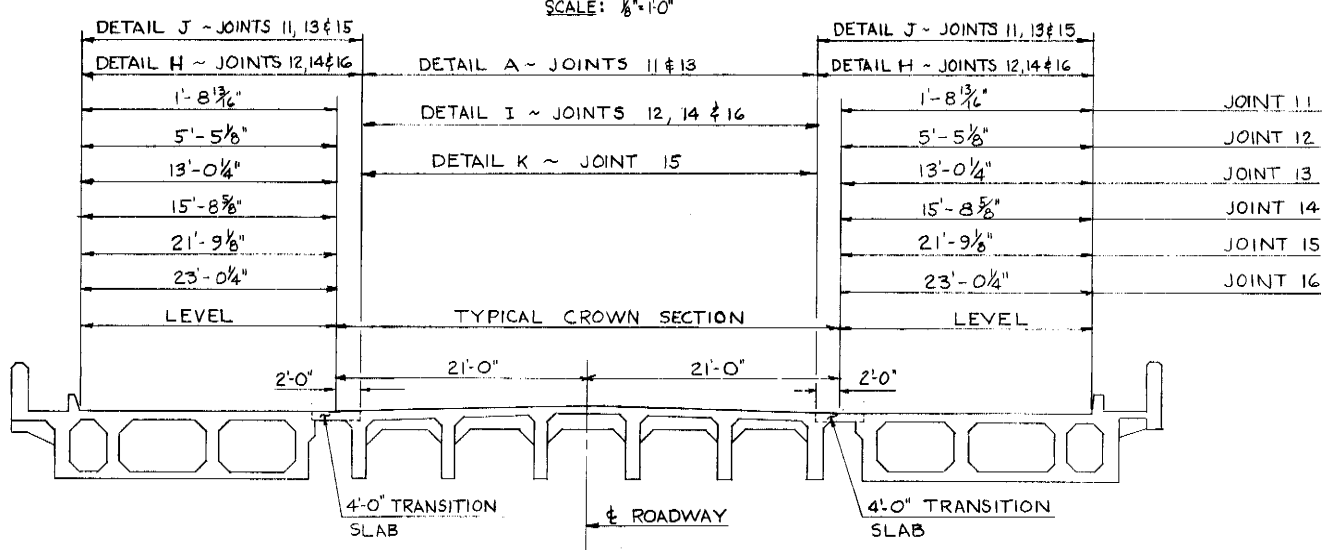
JOINT PROFILE
TYPICAL JOINTS 4, 5, 6, 7 & 8
SCALE: 1/8"=1'-0"



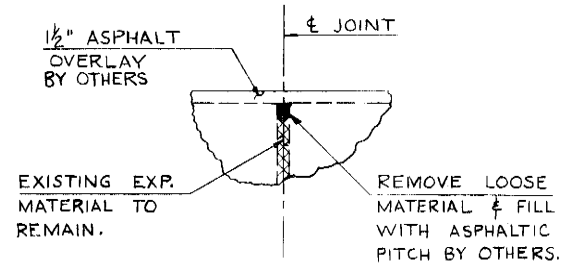
DETAIL H
TYPICAL JOINTS 12, 14 & 16
SCALE: 1"=1'-0"



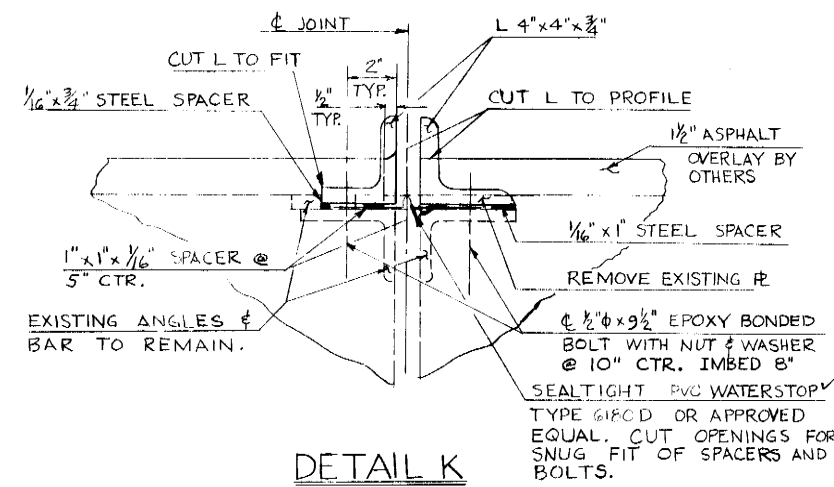
DETAIL J
TYPICAL JOINTS 4, 5, 6, 7, 8, 9, 10, 11, 13 & 15
SCALE: 1"=1'-0"



JOINT PROFILE
TYPICAL JOINTS 11, 12, 13, 14, 15 & 16
SCALE: 1/8"=1'-0"



DETAIL I
TYPICAL JOINTS 12, 14 & 16 AND ALL SLAB EXPANSION JOINTS
SCALE: 1"=1'-0"



DETAIL K
JOINT 15
SCALE: 3"=1'-0"

FOR REFERENCE ONLY
865-42 SHEET A1 (1975)
NTS

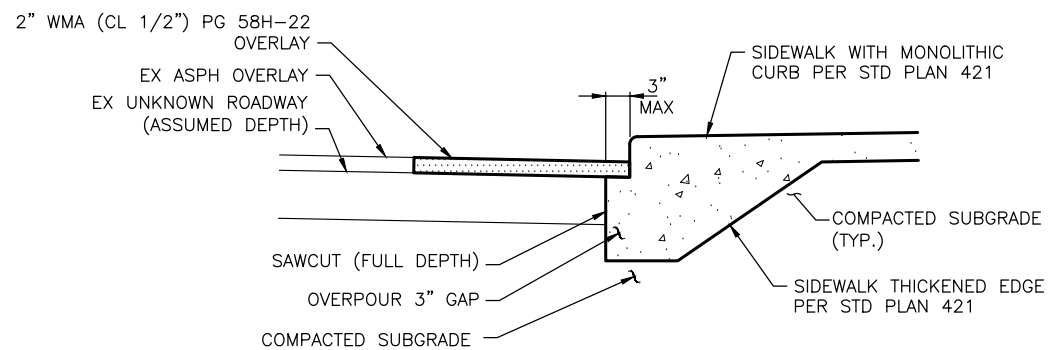
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Jun-31-23 10:03am

90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

BRIDGE WORK DETAILS

2022-XXX	APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED CHECKED	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.	Seattle Department of Transportation ORDINANCE NO. PW NO. 2022-xxx SCALE: NO SCALE	2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE	PC TRC0481 CO TRC0481 VPI # XXX-XXX
	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.	DRAWN CHECKED			RECEIVED REVISED AS BUILT

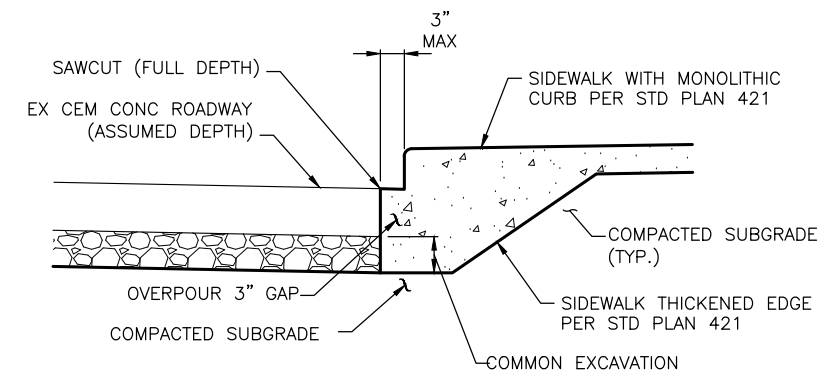


NOTE:
1. NEW CURB LOCATION TO MATCH EX CURB LOCATION UNLESS NOTED OTHERWISE.

**ASPHALT OVERLAY ROADWAY
MONOLITHIC CURB RESTORATION**

NOT TO SCALE

1
—

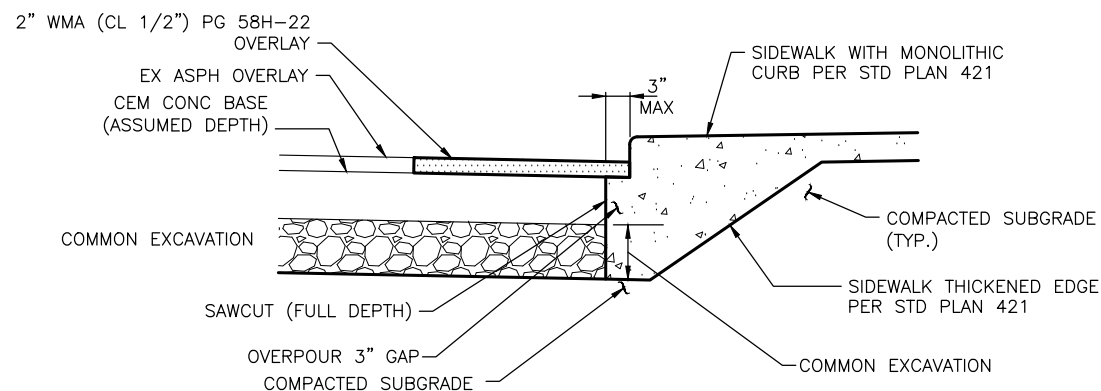


NOTES:
1. NEW CURB LOCATION TO MATCH EX CURB LOCATION UNLESS NOTED OTHERWISE.

**CEM CONC ROADWAY
MONOLITHIC CURB RESTORATION**

NOT TO SCALE

2
—



NOTE:
1. NEW CURB LOCATION TO MATCH EX CURB LOCATION UNLESS NOTED OTHERWISE.

**CEM CONC BASE ROADWAY WITH ASPHALT OVERLAY
MONOLITHIC CURB RESTORATION**

NOT TO SCALE

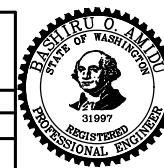
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**90% SUBMITTAL NOT FOR CONSTRUCTION
JANUARY 2023**

PW#2022-xxx

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 AG	CHECKED AG	REVIEWED: DES. SDOT	CONST. PROJ. MGR.
DRAWN AL	CHECKED JSC	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. 2022-xxx
SCALE: AS NOTED

**2023 AAC 15TH AVE
W/NW,
& BALLARD BRIDGE**

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
PVDT1	
SHEET 35 OF 97	

ROADWAY DETAILS

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

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Jan-31-23 10:03am

NW 58TH ST

NW 57TH ST

15TH AVE NW

NW MARKET ST

NW 56TH ST

15TH AVE NW

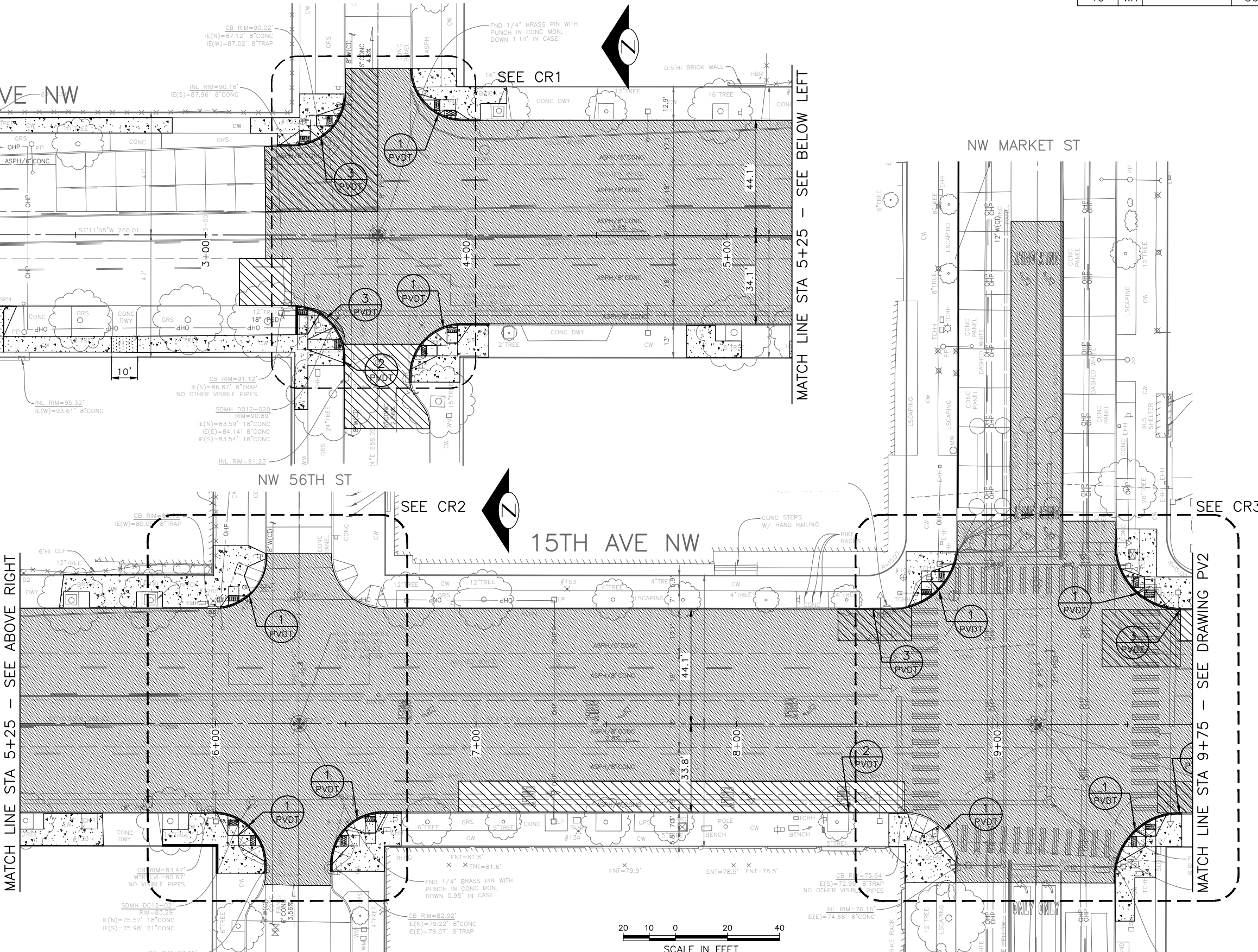
PAVING LEGEND

- 2" WMA CL 1/2"
- 12" ROADWAY CEM CONC, HES (72HR), OVER 6" MNRL AGG TYPE 2
- 2" WMA CL 1/2" OVER 12" RDWY CEM CONC BASE, HES (72HR) OVER 6" MNRL AGG TYPE 2
- 8" DRIVEWAY, CEM CONC, HES (24HR) OVER 6" MNRL AGG TYPE 2 SEE STD PLAN 430
- SIDEWALK CEM CONC W/25% POZZOLANS, PER STD PLANS 420 & 421
- SEEDED LAWN INSTALLATION OVER TOPSOIL TYPE A. SEE STD PLAN 142.
- 4" WMA CL 1/2" OVER BRIDGE DECK
- 2" ARBORIST WOOD CHIP MULCH
- DETECTABLE WARNING PLATE
- CURB, CEM CONC W/25% POZZOLANS PER STD PLAN 410C OR 421 OR 422K

MATCH LINE STA 5+25 - SEE ABOVE RIGHT

MATCH LINE STA 9+75 - SEE DRAWING PV2

MATCH LINE STA 5+25 - SEE BELOW LEFT



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PAVING

PW#2022-xxx

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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. %% PW NO. 2022-xxxx
SUBPROJECT ID: %%
SCALE: 1"=20'

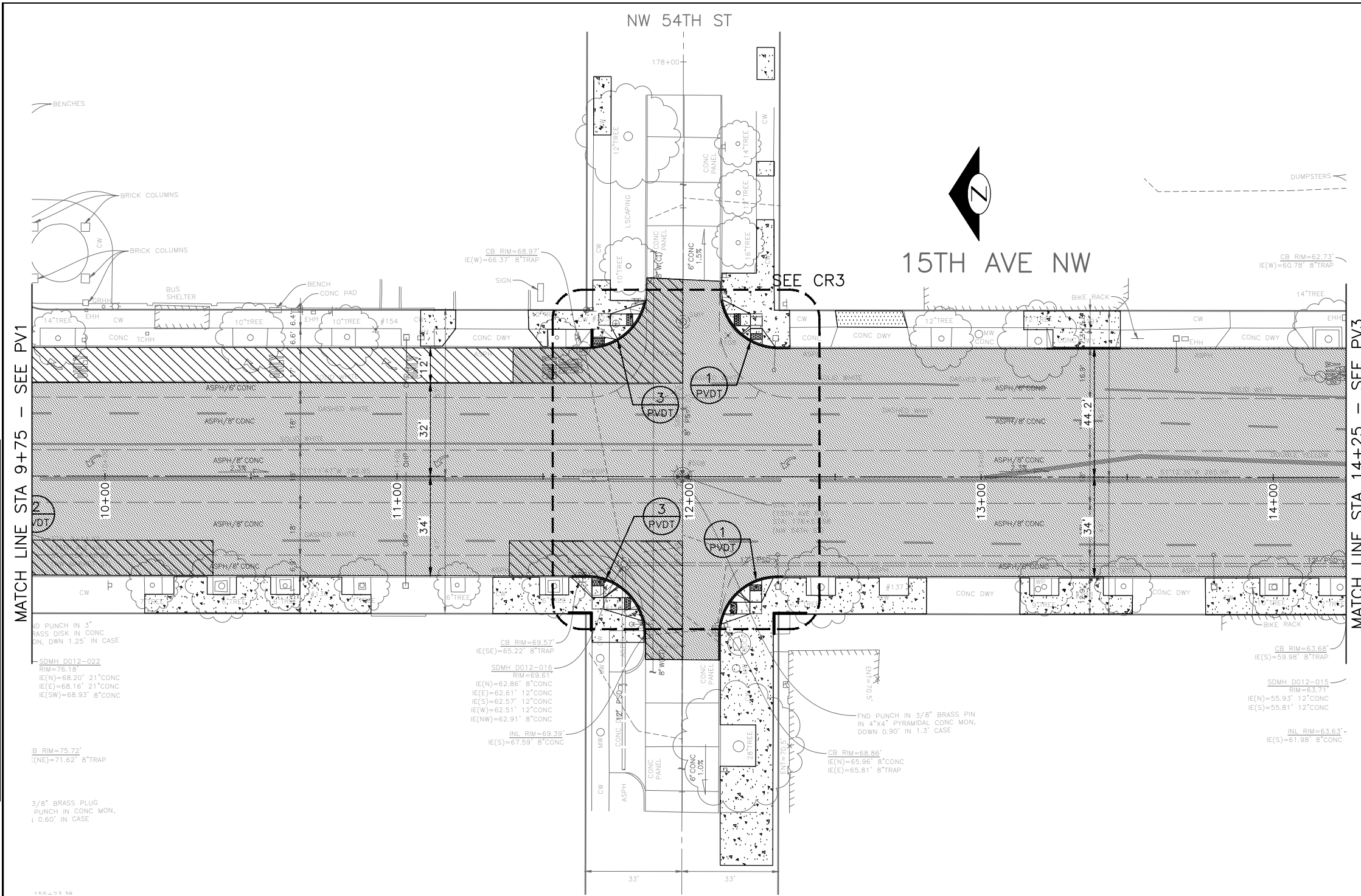
2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

JOB	PC	TRC0481
CO	CO	TRC0481
VPI #		XXX-XXX
		PV1
		SHEET 36 OF 97

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PAVING LEGEND

- 2" WMA CL 1/2
- 12" ROADWAY CEM CONC, HES (72HR), OVER 6" MNRL AGG TYPE 2
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- CURB, CEM CONC W/25% POZZOLANS PER STD PLAN 410C OR 421 OR 422K



VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX					

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



Seattle Department of Transportation
 ORDINANCE NO. %% PW NO. 2022-xxx
 SUBPROJECT ID: %%
 SCALE: 1"=20'

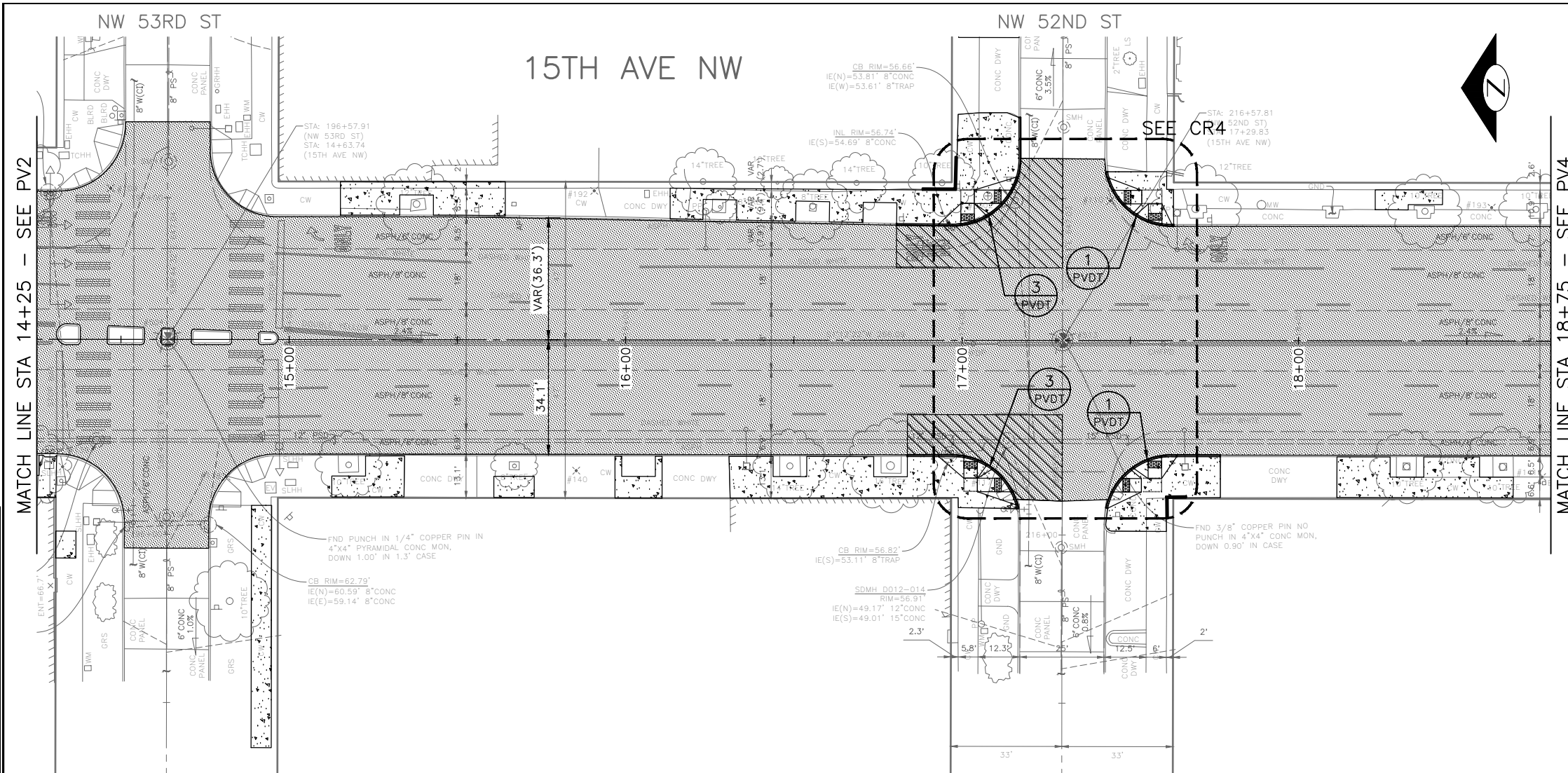


2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
PV2	
SHEET 37 OF 97	

PAVING

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 Jun-31-23 10:03am



PAVING LEGEND

- 2" WMA CL 1/2"
- 12" ROADWAY CEM CONC, HES (72HR), OVER 6" MNRL AGG TYPE 2
- 2" WMA CL 1/2" OVER 12" RDWY CEM CONC BASE, HES (72HR) OVER 6" MNRL AGG TYPE 2
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- CURB, CEM CONC W/25% POZZOLANS PER STD PLAN 410C OR 421 OR 422K

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD REV'D
XXXXX				
REVISIONS				



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BY:
 CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

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

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

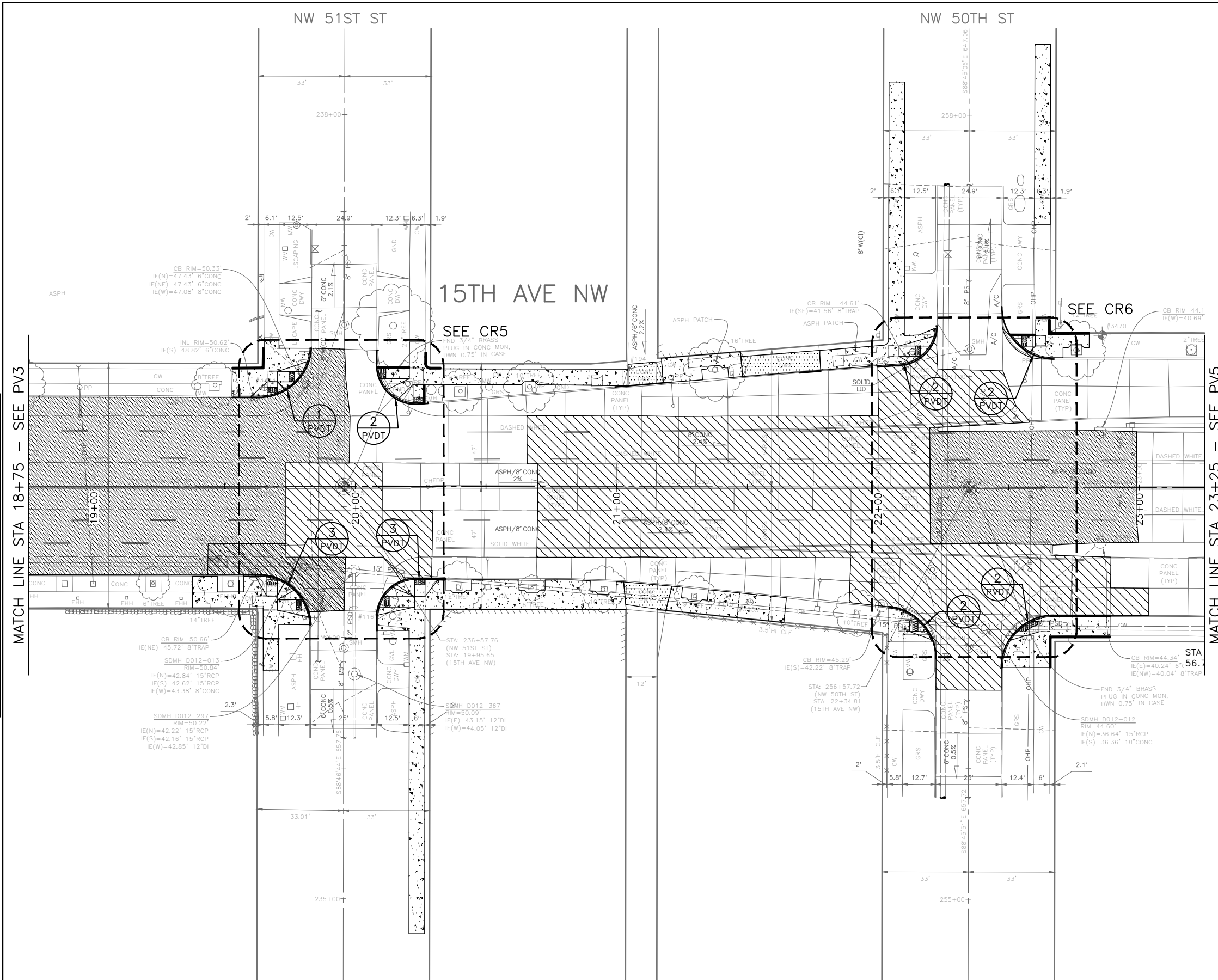
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 SUBPROJECT ID: %%
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2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

JOB	PC	TRC0481
	CO	TRC0481
VPI #		XXX-XXX
		PV3
		SHEET 38 OF 97

PAVING

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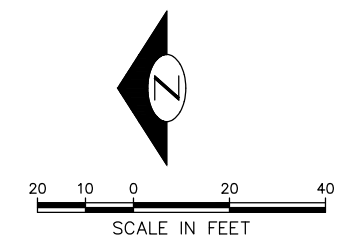
PAVING LEGEND

- 2" WMA CL 1/2
- 12" ROADWAY CEM CONC, HES (72HR), OVER 6" MNRL AGG TYPE 2
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DATE	MARK	NATURE	MADE CHKD	REV'D
XXXX		REVISIONS		

MATCH LINE STA 18+75 - SEE PV3

MATCH LINE STA 23+25 - SEE PV5



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CHECKED		DES.	CONST.
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DRAWN		RECEIVED	
CHECKED		REVISED AS BUILT	

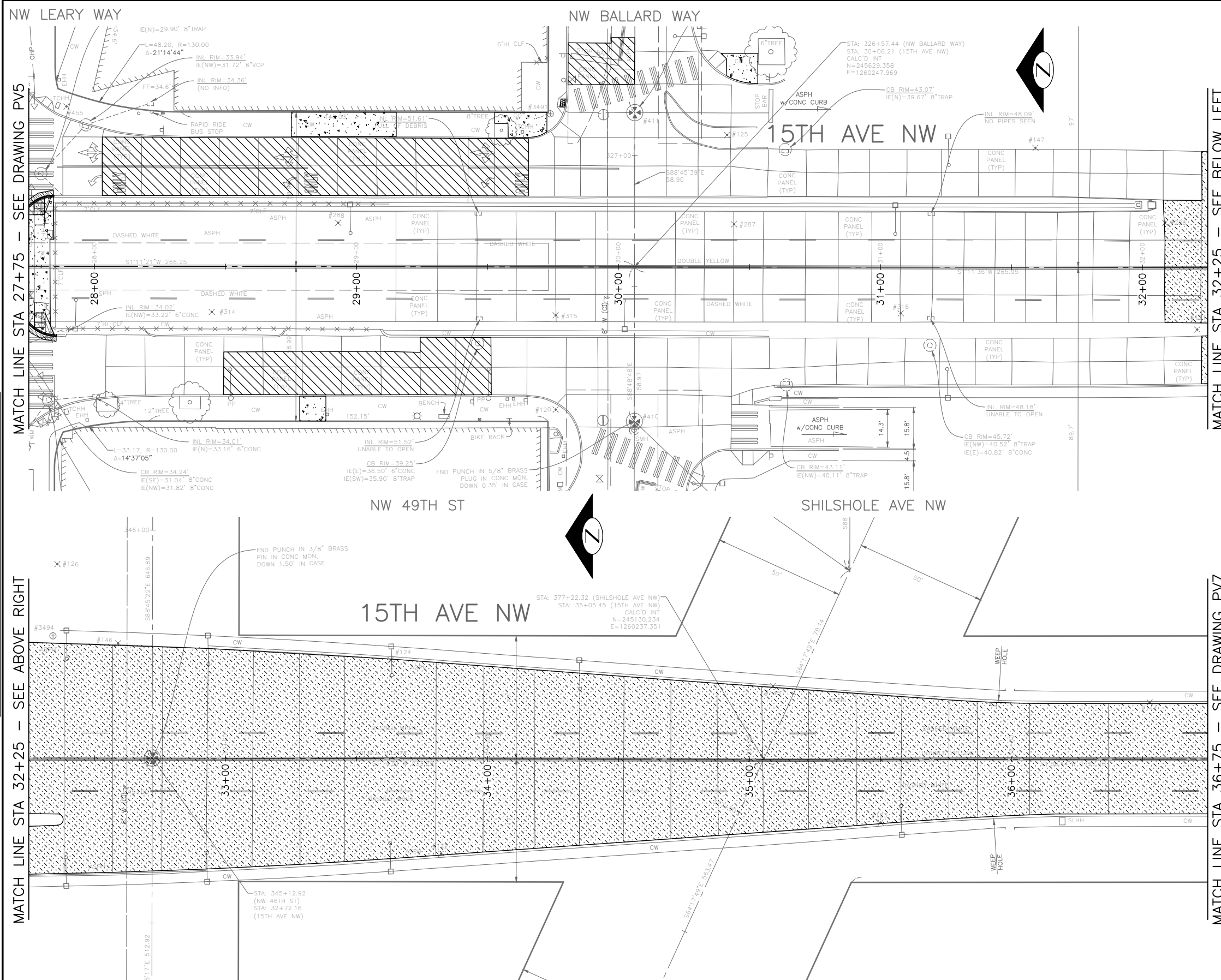


Seattle Department of Transportation
 ORDINANCE NO. %% PW NO. 2022-xxx
 SUBPROJECT ID: %%
 SCALE: 1"=20'

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
	PV4
SHEET	39 OF 97

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PAVING LEGEND

- 2" WMA CL 1/2
- 12" ROADWAY CEM CONC, HES (72HR), OVER 6" MNRL AGG TYPE 2
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DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX				



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PW#2022-xxx

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

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

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Seattle Department of Transportation
 ORDINANCE NO. %% PW NO. 2022-xxx
 SUBPROJECT ID: %%
 SCALE: 1"=20'

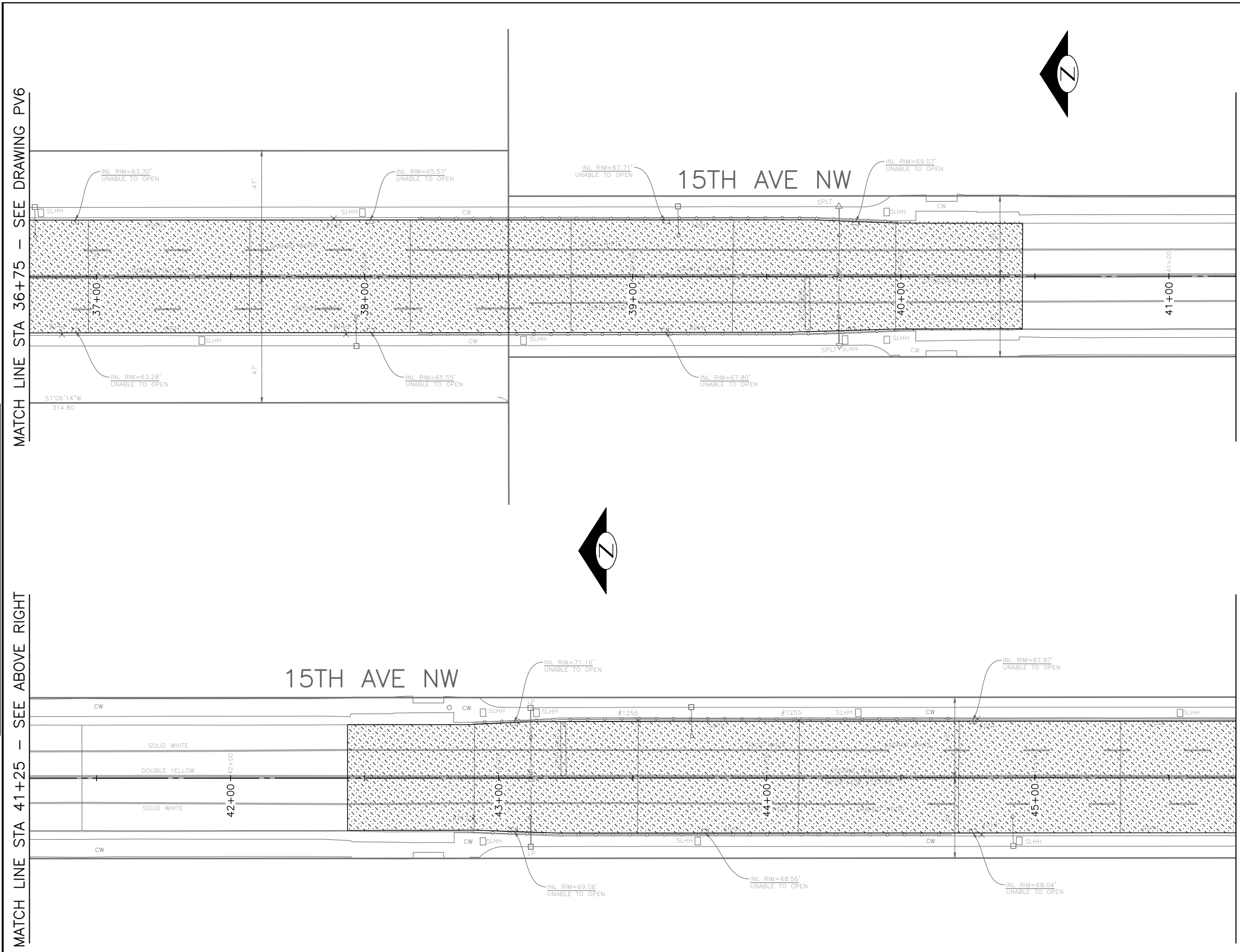
2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
PV6	
SHEET 41 OF 97	

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 Jun-31-23 10:04am

PAVING LEGEND

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- 12" ROADWAY CEM CONC, HES (72HR), OVER 6" MNRL AGG TYPE 2
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VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX					



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 SEATTLE, WASHINGTON 20
 BY:
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DESIGNED		REVIEWED:	
CHECKED		DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN		RECEIVED	
CHECKED		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 0-22.3 OF THE PROJECT MANUAL.



Seattle Department of Transportation
 ORDINANCE NO. %% PW NO. 2022-xxx
 SUBPROJECT ID: %%
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2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
PV7	
SHEET	42 OF 97

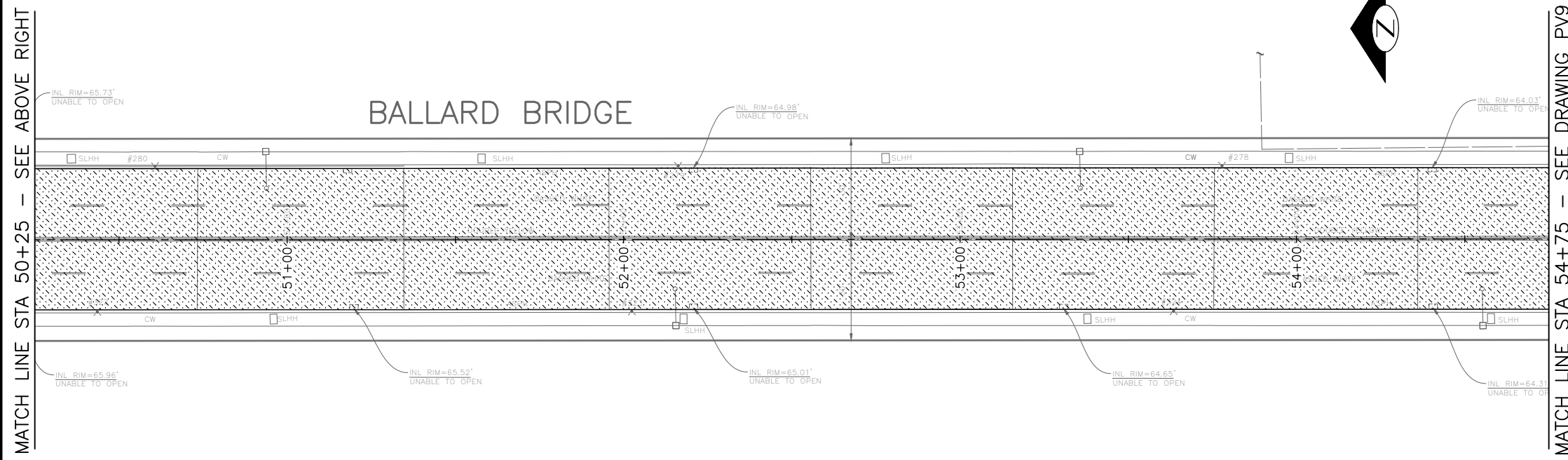
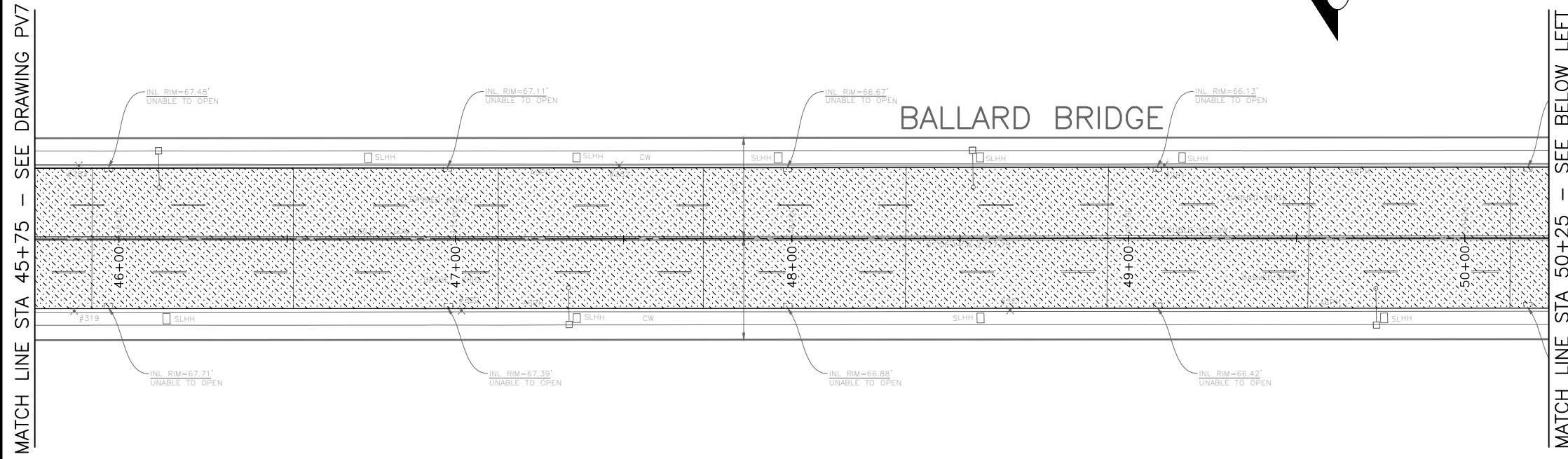
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PAVING LEGEND

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DATE	MARK	NATURE	MADE CHK'D	REV'D
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 DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
 SEATTLE, WASHINGTON 20
 BY:
 CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	CHECKED	REVIEWED:	CONST.
		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 0-02.3 OF THE PROJECT MANUAL.			



Seattle Department of Transportation
 ORDINANCE NO. %% PW NO. 2022-xxx
 SUBPROJECT ID: %%
 SCALE: 1"=20'

**2023 AAC 15TH AVE
 W/NW,
 & BALLARD BRIDGE**

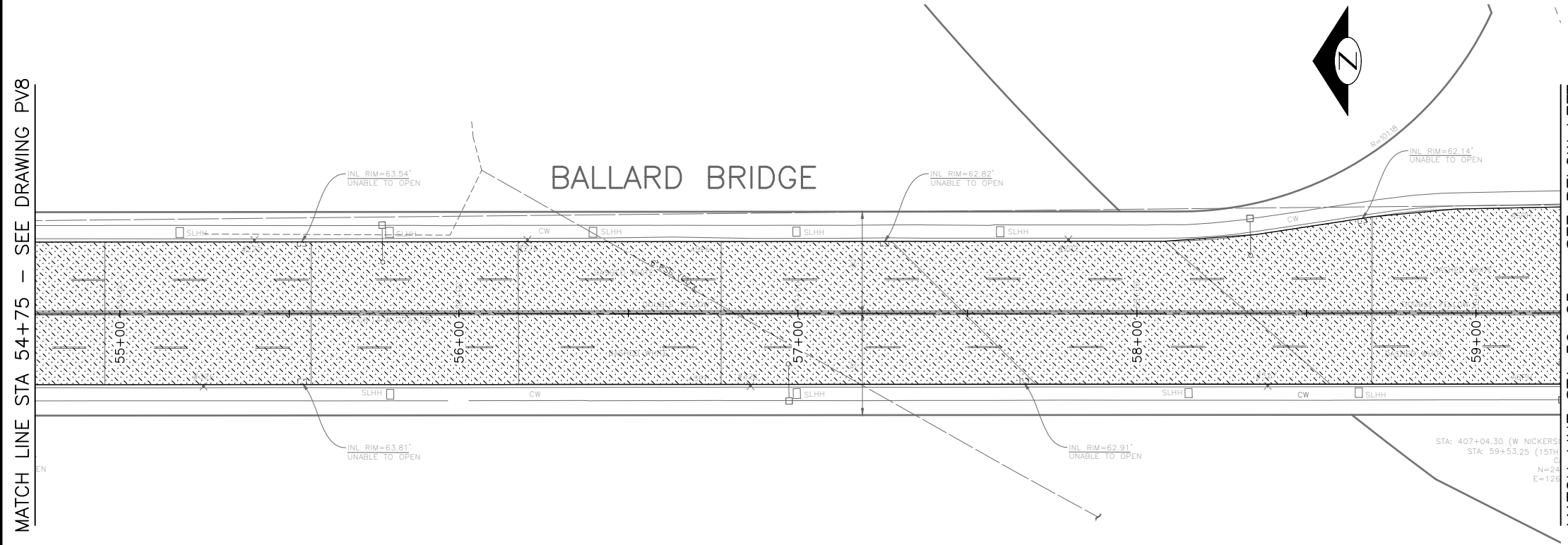
JOB	PC TRC0481
	CO TRC0481
VPI #	XXX-XXX
	PV8
SHEET	43 OF 97

PAVING

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MATCH LINE STA 54+75 - SEE DRAWING PV8

MATCH LINE STA 59+25 - SEE BELOW LEFT



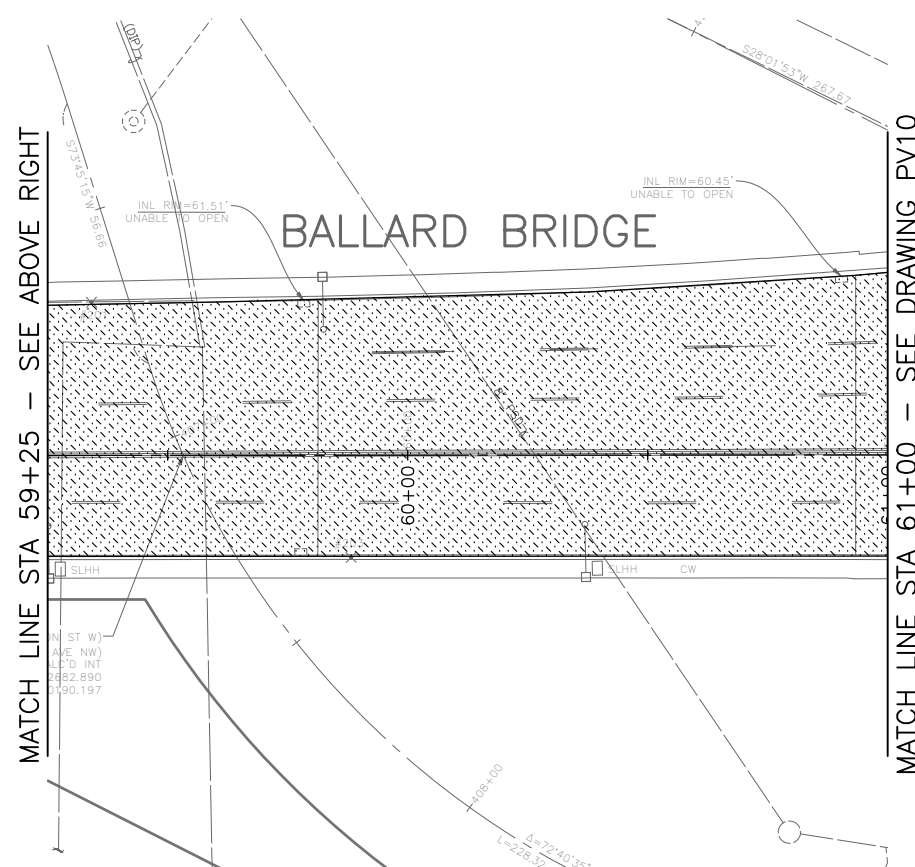
PAVING LEGEND

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REVISIONS	DATE	MARK	NATURE	MADE	CHK'D	REV'D



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NW BALLARD WAY



PW#2022-xxx	APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	DESIGNED CHECKED DRAWN CHECKED	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR. RECEIVED REVISED AS BUILT		<p>ORDINANCE NO. %% PW NO. 2022-xxx SUBPROJECT ID: %% SCALE: 1"=20'</p>	2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE	PAVING JOB NO. TRC0481 CO. TRC0481 VPI # XXX-XXX PV9 SHEET 44 OF 97
	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.				

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MEF CODES

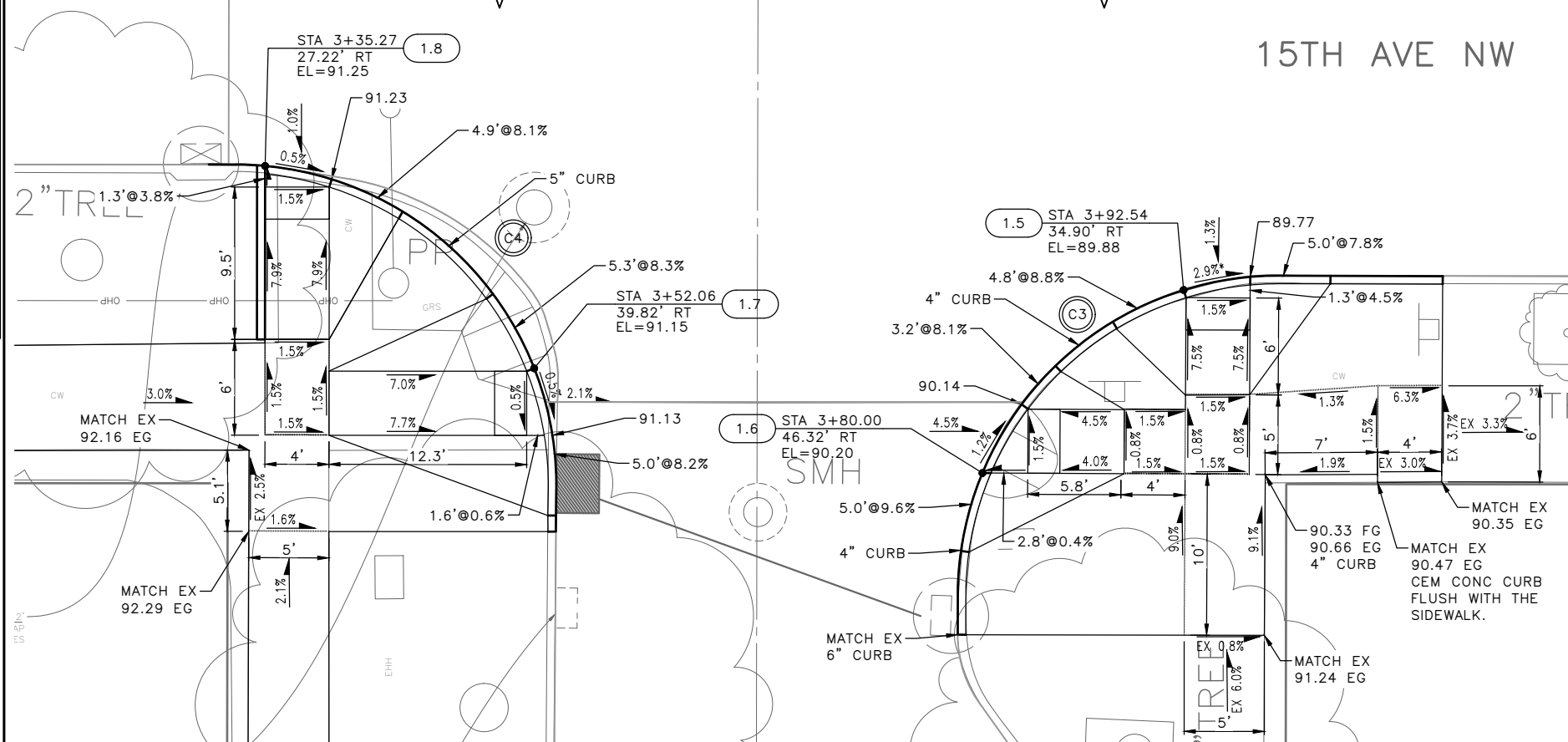
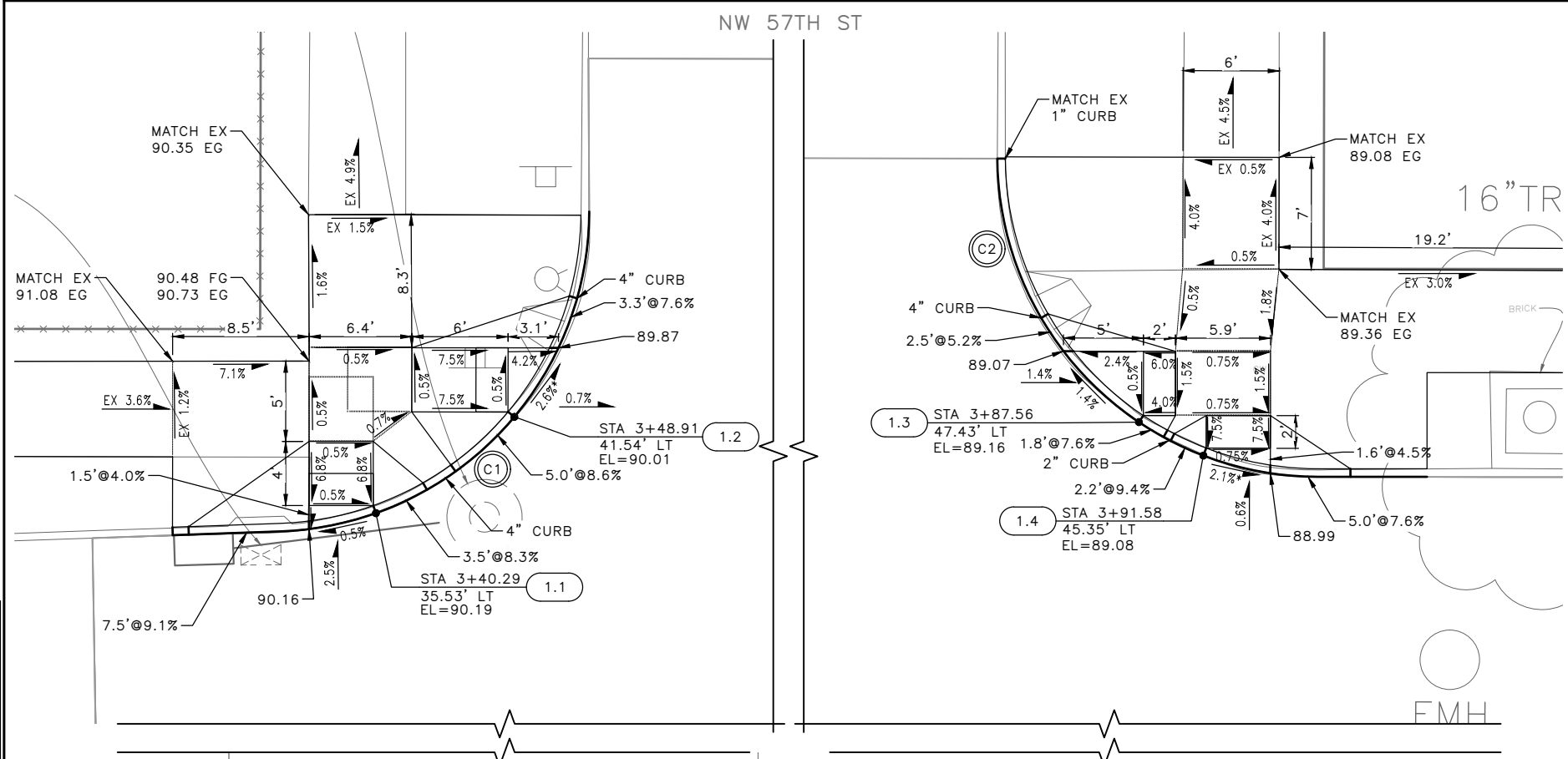
- *1 RIGHT-OF WAY AVAILABILITY
- *2 ROADWAY STRUCTURAL CONSTRAINT; WALL, AREAWAY, OR BRIDGE
- *3 ADJACENT DEVELOPED FACILITY
- *4 DRAINAGE
- *5 HISTORIC FEATURE
- *6 EXISTING ROAD/SIDEWALK SLOPES
- *7 EXISTING UTILITY VAULT OR UTILITY STRUCTURE
- *8 (OTHER), DESCRIBE, ADD ANNOTATION

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



CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C1	RADIUS POINT	3+33.57	54.37'LT	N/A	Δ=87°12'31" L=30.44' R=20.00' T=19.05'
	PC	3+34.29	34.38'LT	90.15'	
	1/4	3+41.67	36.08'LT	90.19'	
	1/2	3+47.88	40.39'LT	90.05'	
	3/4	3+52.05	46.71'LT	89.85'	
	PT	3+53.57	54.12'LT	89.54'	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C2	RADIUS POINT	3+98.72	64.00'LT	N/A	Δ=89°31'58" L=31.25' R=20.00' T=19.84'
	PC	3+78.72	63.86'LT	88.54'	
	1/4	3+80.29	56.26'LT	88.95'	
	1/2	3+84.64	49.82'LT	89.14'	
	3/4	3+91.11	45.53'LT	89.09'	
	PT	3+98.73	44.03'LT	88.93'	

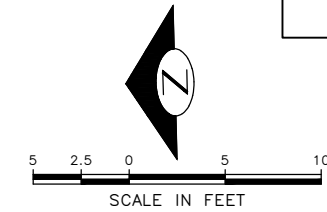
CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C3	RADIUS POINT	3+98.47	54.00'RT	N/A	Δ=88°15'3" L=30.81' R=20.00' T=19.40'
	PC	3+78.48	53.39'RT	90.46'	
	1/4	3+80.17	45.92'RT	90.20'	
	1/2	3+84.55	39.64'RT	90.07'	
	3/4	3+90.96	35.46'RT	89.89'	
	PT	3+98.48	34.00'RT	89.73'	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C4	RADIUS POINT	3+33.44	47.10'RT	N/A	Δ=89°32'24" L=31.26' R=20.00' T=19.84'
	PC	3+33.46	27.14'RT	91.27'	
	1/4	3+41.08	28.65'RT	91.23'	
	1/2	3+47.54	32.95'RT	91.19'	
	3/4	3+51.88	39.39'RT	91.15'	
	PT	3+53.44	47.00'RT	91.11'	

XX	STD PLAN	MEF CODE
1.1	422D	-
1.2	422D	*6
1.3	422D	-
1.4	422D	*6
1.5	422D	*6
1.6	422D	*6
1.7	422D	-
1.8	422D	-



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NW 57TH ST CURB RAMPS

PW#2022-xxx	APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED CHECKED	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.			2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE	PC TRC0481	CO TRC0481
	DRAWN CHECKED	RECEIVED	REVISED AS BUILT				VPI # XXX-XXX	CR1

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MEF CODES

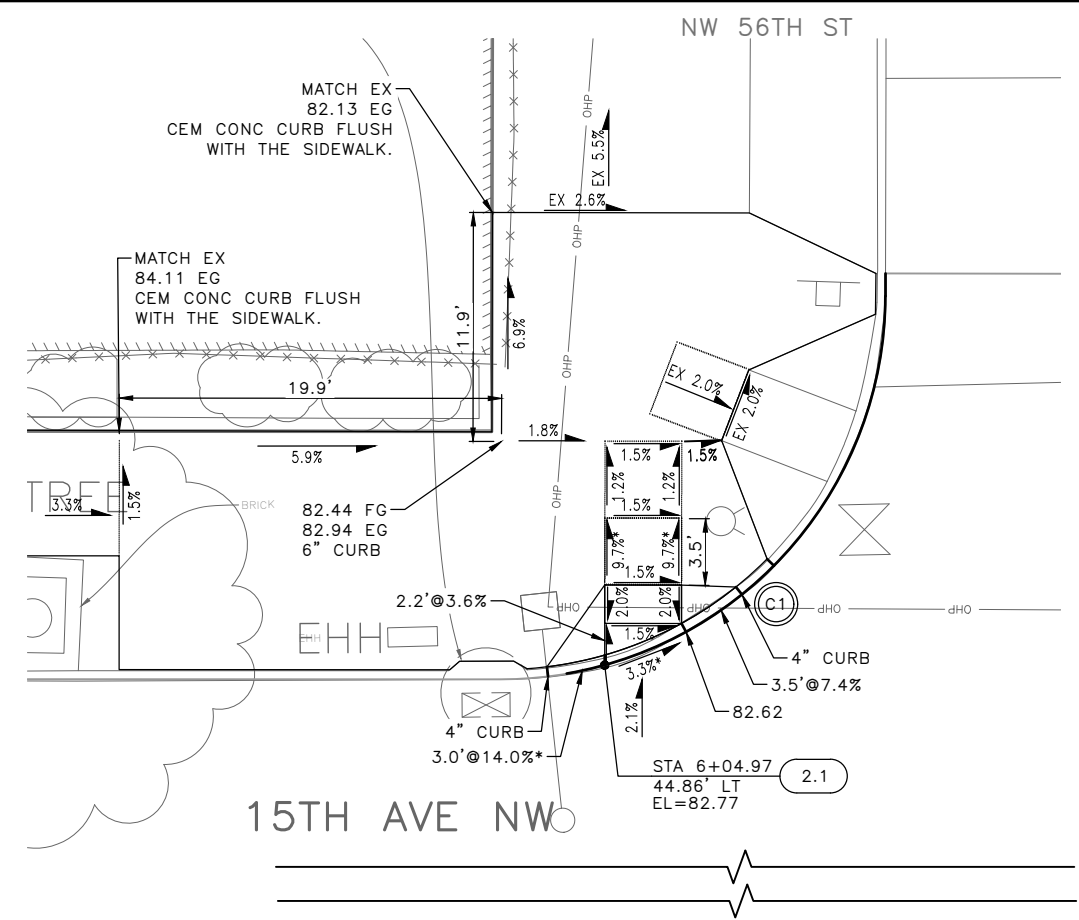
- *1 RIGHT-OF WAY AVAILABILITY
- *2 ROADWAY STRUCTURAL CONSTRAINT; WALL, AREAWAY, OR BRIDGE
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LEGEND

--- GRADE BREAK



CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C1	RADIUS POINT	5+99.58	64.12'LT	N/A	Δ=80°2'31" L=27.94' R=20.00' T=5.70'
	PC	5+99.54	44.12'LT	82.94'	
	1/4	6+03.47	44.50'LT	82.81'	
	1/2	6+07.26	45.65'LT	82.70'	
	3/4	6+10.74	47.52'LT	82.56'	
	PT	6+13.79	50.04'LT	82.42'	

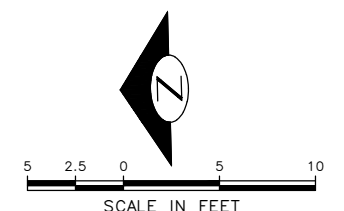
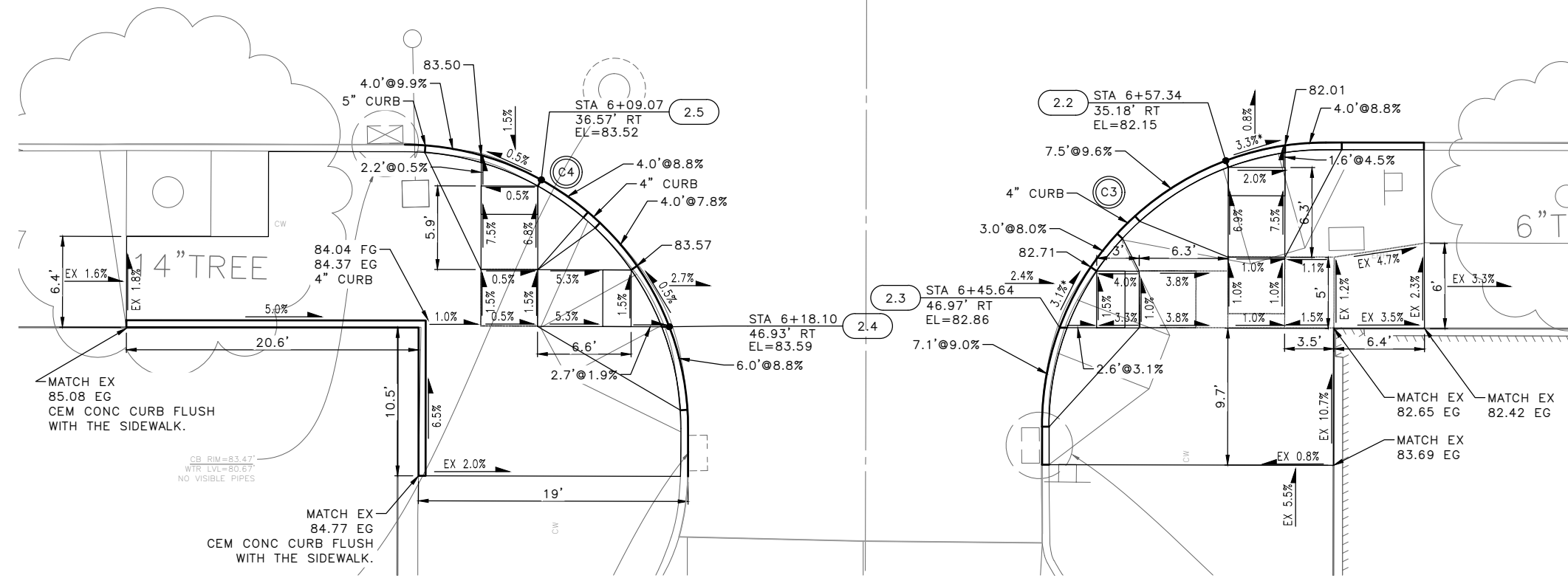
CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C3	RADIUS POINT	6+64.40	53.89'RT	N/A	Δ=90°09'21" L=31.47' R=20.00' T=20.05'
	PC	6+44.40	53.95'RT	83.48'	
	1/4	6+45.91	46.28'RT	83.51'	
	1/2	6+50.24	39.77'RT	83.55'	
	3/4	6+56.73	35.42'RT	83.59'	
	PT	6+64.39	33.89'RT	83.63'	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C4	RADIUS POINT	5+99.43	54.10'RT	N/A	Δ=89°59'06" L=31.41' R=20.00' T=20.00'
	PC	5+99.44	34.10'RT	83.47'	
	1/4	6+07.09	35.62'RT	83.51'	
	1/2	6+13.58	39.96'RT	83.55'	
	3/4	6+17.91	46.45'RT	83.59'	
	PT	6+19.43	54.10'RT	83.63'	

XX	STD PLAN	MEF CODE
2.1	422D	*6
2.2	422D	*6
2.3	422D	*6
2.4	422D	-
2.5	422D	-



90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

CURB RAMPS

PW#2022-xxx	APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED: _____ CHECKED: _____	INITIALS AND DATE REVIEWED: _____ DES. CONST. _____ SDOT PROJ. MGR. _____			2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE	PC TRC0481 CO TRC0481 VPI # XXX-XXX
	BY: _____ CITY PURCHASING & CONTRACTING SERVICES DIRECTOR	DRAWN: _____ CHECKED: _____	RECEIVED: _____ REVISED AS BUILT: _____				ORDINANCE NO. %% PW NO. 2022-xxx SUBPROJECT ID: %% SCALE: 1"=20'

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 Jun-31-23 10:05am

MEF CODES

- *1 RIGHT-OF WAY AVAILABILITY
- *2 ROADWAY STRUCTURAL CONSTRAINT; WALL, AREAWAY, OR BRIDGE
- *3 ADJACENT DEVELOPED FACILITY
- *4 DRAINAGE
- *5 HISTORIC FEATURE
- *6 EXISTING ROAD/SIDEWALK SLOPES
- *7 EXISTING UTILITY VAULT 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

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C1	RADIUS POINT	8+59.80	69.18'LT	N/A	Δ=83°01'49" L=36.23' R=25.00' T=22.13'
	PC	8+60.11	44.18'LT	75.02'	
	1/4	8+68.73	45.83'LT	74.95'	
	1/2	8+76.49	50.56'LT	74.85'	
	3/4	8+81.97	57.61'LT	74.71'	
PT	8+84.62	66.14'LT	74.47'		

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C2	RADIUS POINT	9+70.23	69.10'LT	N/A	Δ=89°54'55" L=39.23' R=25.00' T=24.96'
	PC	9+45.23	69.07'LT	73.78'	
	1/4	9+47.16	59.48'LT	74.06'	
	1/2	9+52.56	51.42'LT	74.11'	
	3/4	9+60.66	46.00'LT	74.06'	
PT	9+70.22	44.10'LT	73.99'		

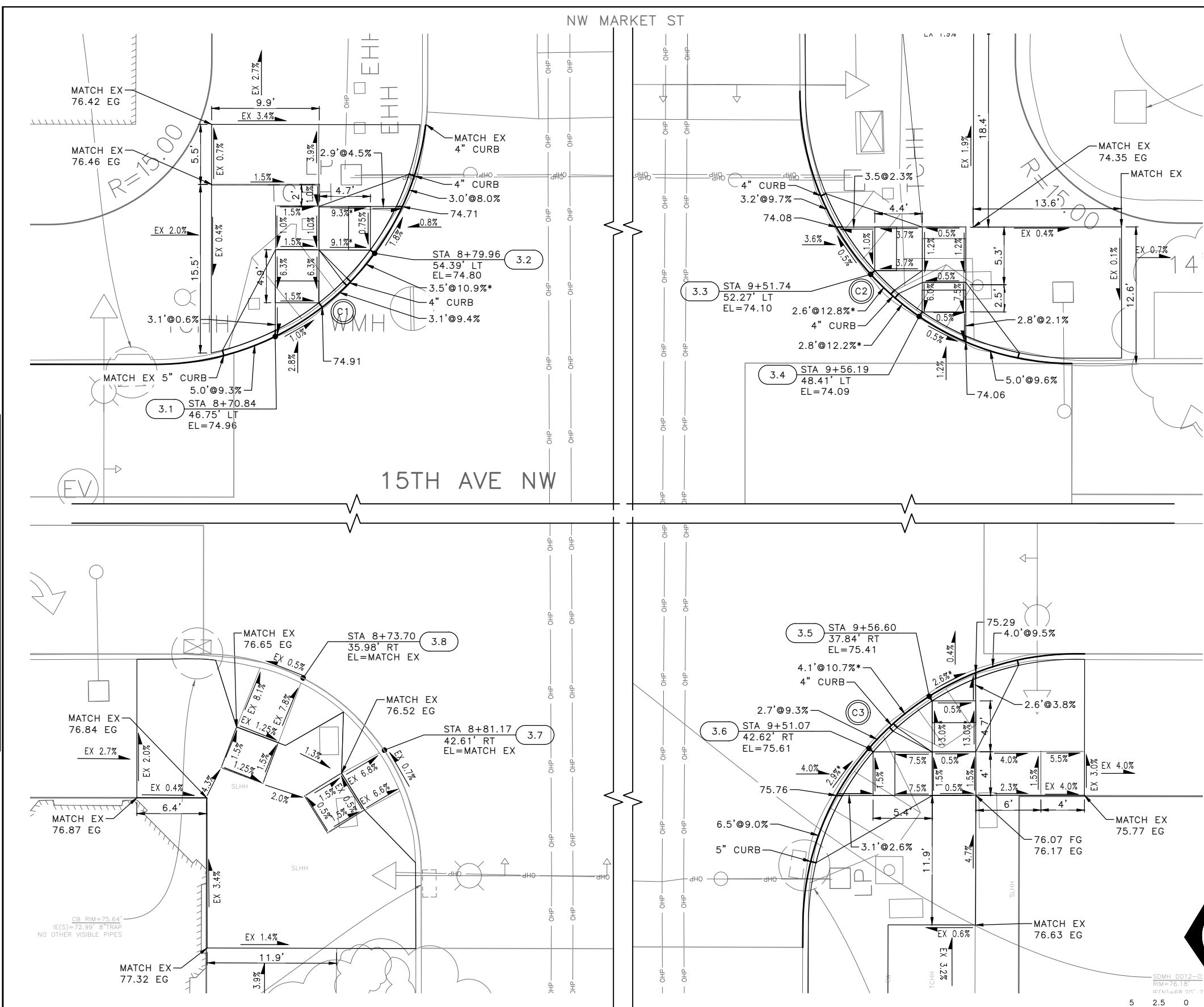
CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C3	RADIUS POINT	9+70.02	58.93'RT	N/A	Δ=89°45'53" L=39.17' R=25.00' T=24.90'
	PC	9+45.02	58.81'RT	76.08'	
	1/4	9+46.96	49.27'RT	75.83'	
	1/2	9+52.39	41.20'RT	75.55'	
	3/4	9+60.50	35.81'RT	75.30'	
PT	9+70.04	33.93'RT	75.00'		

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
-	RADIUS POINT	8+64.56	53.80'RT	N/A	Δ=89°59'4" L=31.41' R=20.00' T=19.99'
	PC	8+84.56	53.79'RT	76.20'	
	1/4	8+83.03	46.13'RT	76.22'	
	1/2	8+78.69	39.65'RT	76.24'	
	3/4	8+72.20	35.32'RT	76.11'	
PT	8+64.55	33.80'RT	75.87'		

XX	STD PLAN	MEF CODE
3.1	422D	*7
3.2	422D	*6,*7
3.3	422D	*6
3.4	422D	*6
3.5	422D	*6
3.6	422D	-
3.7	422A	*6
3.8	422A	*6



90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

PW#2022-xxx

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

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



Seattle Department of Transportation
ORDINANCE NO. %% PW NO. 2022-xxx
SUBPROJECT ID: %%
SCALE: 1"=20'

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC TRC0481
CO TRC0481
VPI # XXX-XXX
CR3
SHEET 48 OF 97

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NW 52ND ST

MEF CODES

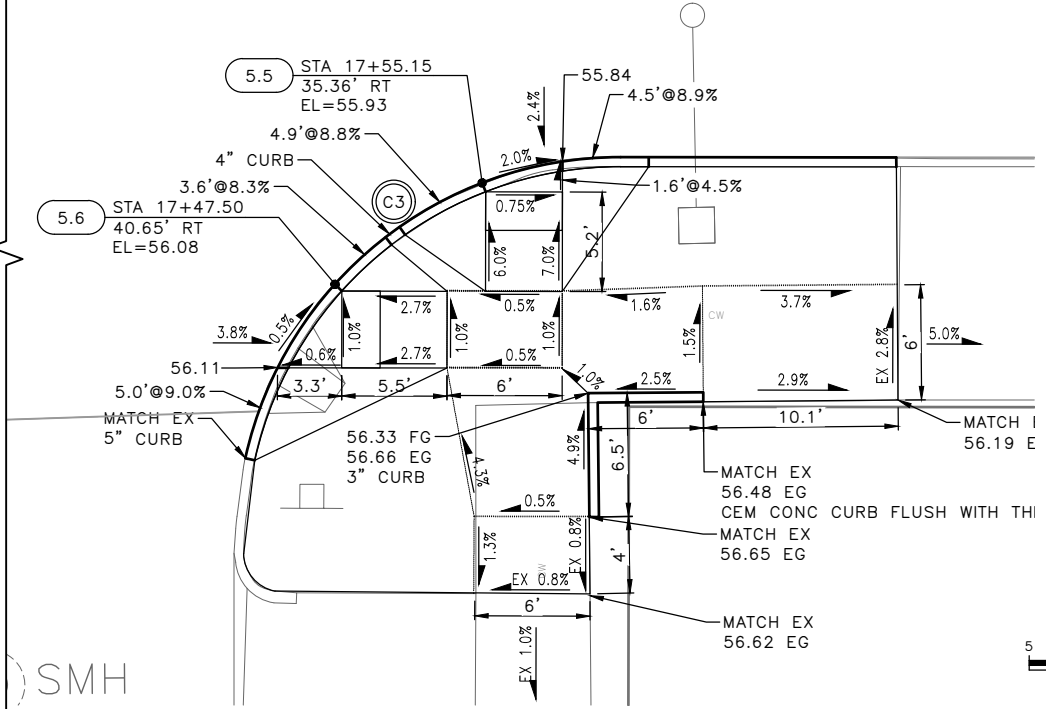
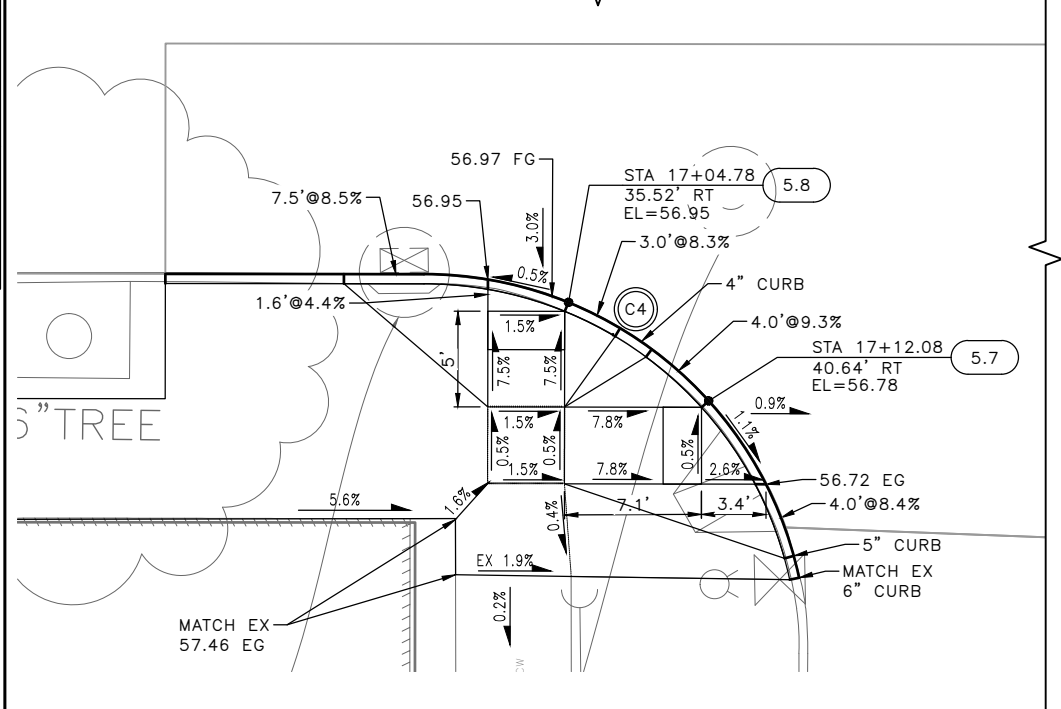
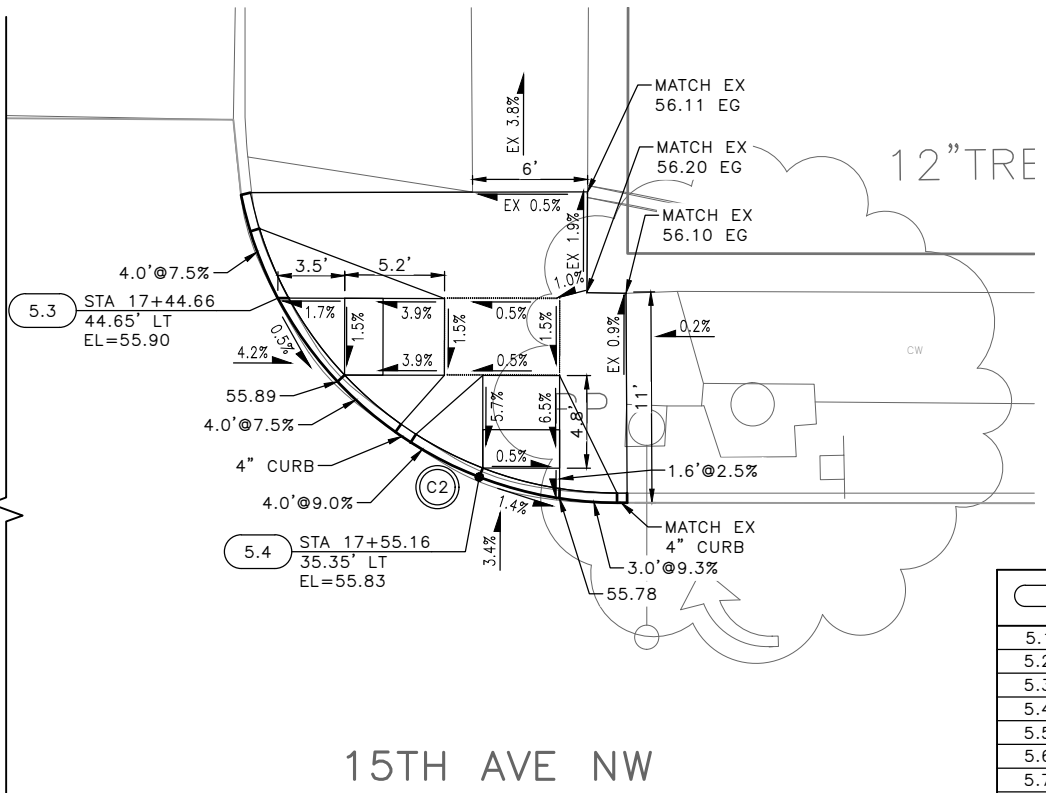
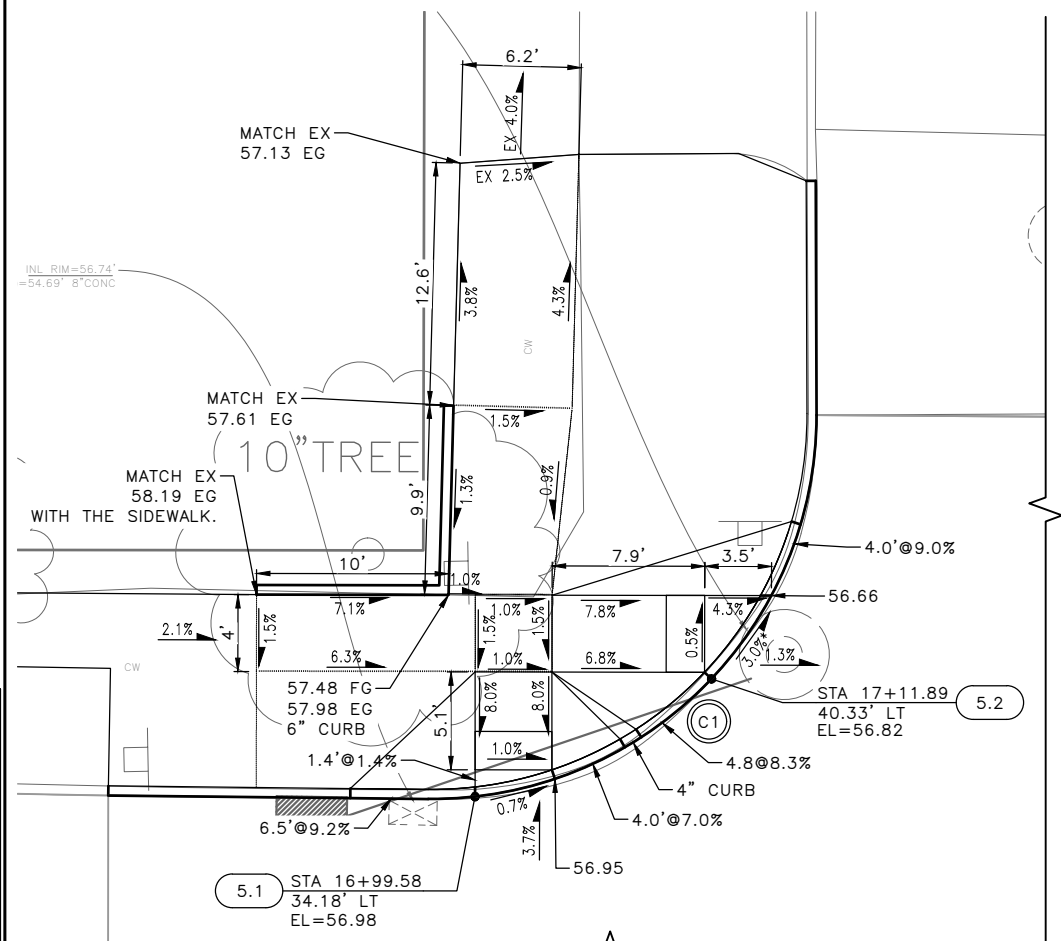
- *1 RIGHT-OF WAY AVAILABILITY
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LEGEND

..... GRADE BREAK



STD PLAN	MEF CODE
5.1	422D
5.2	422D
5.3	422D
5.4	422D
5.5	422D
5.6	422D
5.7	422D
5.8	422D

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C1	RADIUS POINT	16+97.34	54.06'LT	N/A	Δ=90°52'22" L=31.72' R=20.00' T=20.31'
	PC	16+97.14	34.06'LT	57.00'	
	1/4	17+04.88	35.53'LT	56.94'	
	1/2	17+11.45	39.88'LT	56.84'	
	3/4	17+15.83	46.43'LT	56.60'	
PT	17+17.34	54.07'LT	56.31'		

CURB RETURN

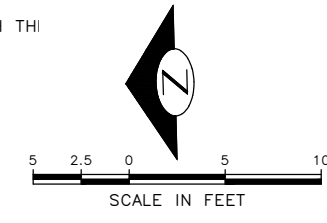
CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C2	RADIUS POINT	17+62.33	54.02'LT	N/A	Δ=78°28'41" L=27.39' R=20.00' T=16.33'
	POC	17+42.73	50.02'LT	55.85'	
	1/4	17+45.21	43.68'LT	55.91'	
	1/2	17+49.67	38.53'LT	55.87'	
	3/4	17+55.61	35.18'LT	55.83'	
PT	17+62.32	34.02'LT	55.73'		

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C3	RADIUS POINT	17+62.38	54.01'RT	N/A	Δ=77°33'33" L=27.07' R=20.00' T=16.07'
	PC	17+42.85	49.71'RT	56.13'	
	1/4	17+45.39	43.47'RT	56.10'	
	1/2	17+49.85	38.42'RT	56.06'	
	3/4	17+55.73	35.14'RT	55.92'	
PT	17+62.37	34.01'RT	55.78'		

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C4	RADIUS POINT	16+97.25	54.06'RT	N/A	Δ=77°48'28" L=27.16' R=20.00' T=16.14'
	PC	16+97.20	34.06'RT	56.92'	
	1/4	17+03.92	35.21'RT	56.97'	
	1/2	17+09.81	38.50'RT	56.80'	
	3/4	17+14.28	43.57'RT	56.75'	
POC	17+16.53	48.71'RT	56.62'		



90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

NW 52ND ST
CURB RAMPS

PW#2022-xxx

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

INITIALS AND DATE
DESIGNED: []
CHECKED: []
DRAWN: []
CHECKED: []

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



Seattle Department of Transportation

ORDINANCE NO. %% PW NO. 2022-xxx
SUBPROJECT ID: %%
SCALE: 1"=20'

2023 AAC 15TH AVE
W/NW,
& BALLARD BRIDGE

PC TRC0481
CO TRC0481
VPI # XXX-XXX
CR5
SHEET 50 OF 97

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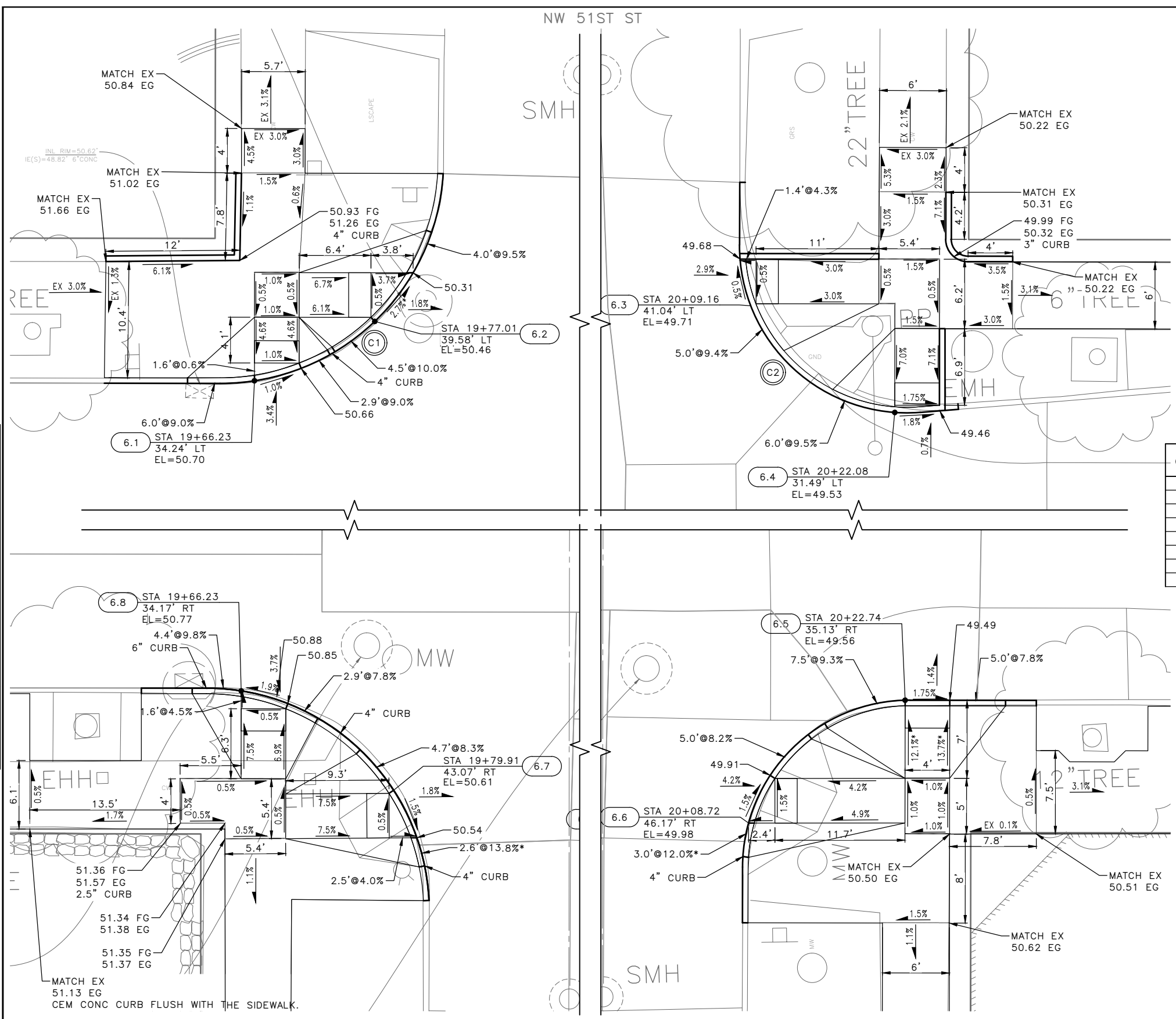
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LEGEND

--- GRADE BREAK



CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C1	RADIUS POINT	19+63.37	53.80'LT	N/A	Δ=86°37'51" L=30.24' R=20.00' T=18.86'
	PC	19+63.16	34.00'LT	50.72'	
	1/4	19+70.54	35.41'LT	50.66'	
	1/2	19+76.88	39.45'LT	50.47'	
	3/4	19+81.28	45.54'LT	50.26'	
	PT	19+83.12	52.82'LT	50.02'	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C2	RADIUS POINT	20+23.15	46.45'LT	N/A	Δ=94°45'44" L=24.81' R=15.00' T=16.30'
	PC	20+08.15	46.48'LT	49.67'	
	1/4	20+09.40	40.45'LT	49.71'	
	1/2	20+12.97	35.43'LT	49.67'	
	3/4	20+18.25	32.27'LT	49.56'	
	PT	20+24.36	31.50'LT	49.51'	

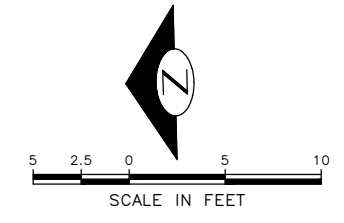
CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C3	RADIUS POINT	20+23.19	50.13'RT	N/A	Δ=89°58'11" L=23.55' R=15.00' T=14.99'
	PC	20+08.19	55.11'RT	50.03'	
	1/4	20+09.33	44.38'RT	49.95'	
	1/2	20+12.59	39.51'RT	49.87'	
	3/4	20+17.46	36.27'RT	49.70'	
	PT	20+23.20	35.13'RT	49.55'	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C4	RADIUS POINT	19+63.12	53.93'RT	N/A	Δ=87°09'43" L=30.43' R=20.00' T=19.04'
	PC	19+63.11	33.93'RT	50.71'	
	1/4	19+70.54	33.36'RT	50.85'	
	1/2	19+76.90	39.44'RT	50.67'	
	3/4	19+81.30	45.59'RT	50.57'	
	PT	19+83.13	52.94'RT	50.44'	

	STD PLAN	MEF CODE
6.1	422D	-
6.2	422D	*6,*7
6.3	422D	-
6.4	422D	-
6.5	422D	*6
6.6	422D	-
6.7	422D	*6
6.8	422D	-



Vault Serial No.	XXXXX
Date	MARK
Nature	REVISIONS
MADE	CHK'D
REV'D	

90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

NW 51ST ST CURB RAMPS

PW#2022-xxx

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

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



Seattle Department of Transportation
ORDINANCE NO. %% PW NO. 2022-xxx
SUBPROJECT ID: %%
SCALE: 1"=20'

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC TRC0481
CO TRC0481
VPI # XXX-XXX
CR6
SHEET 51 OF 97

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MEF CODES

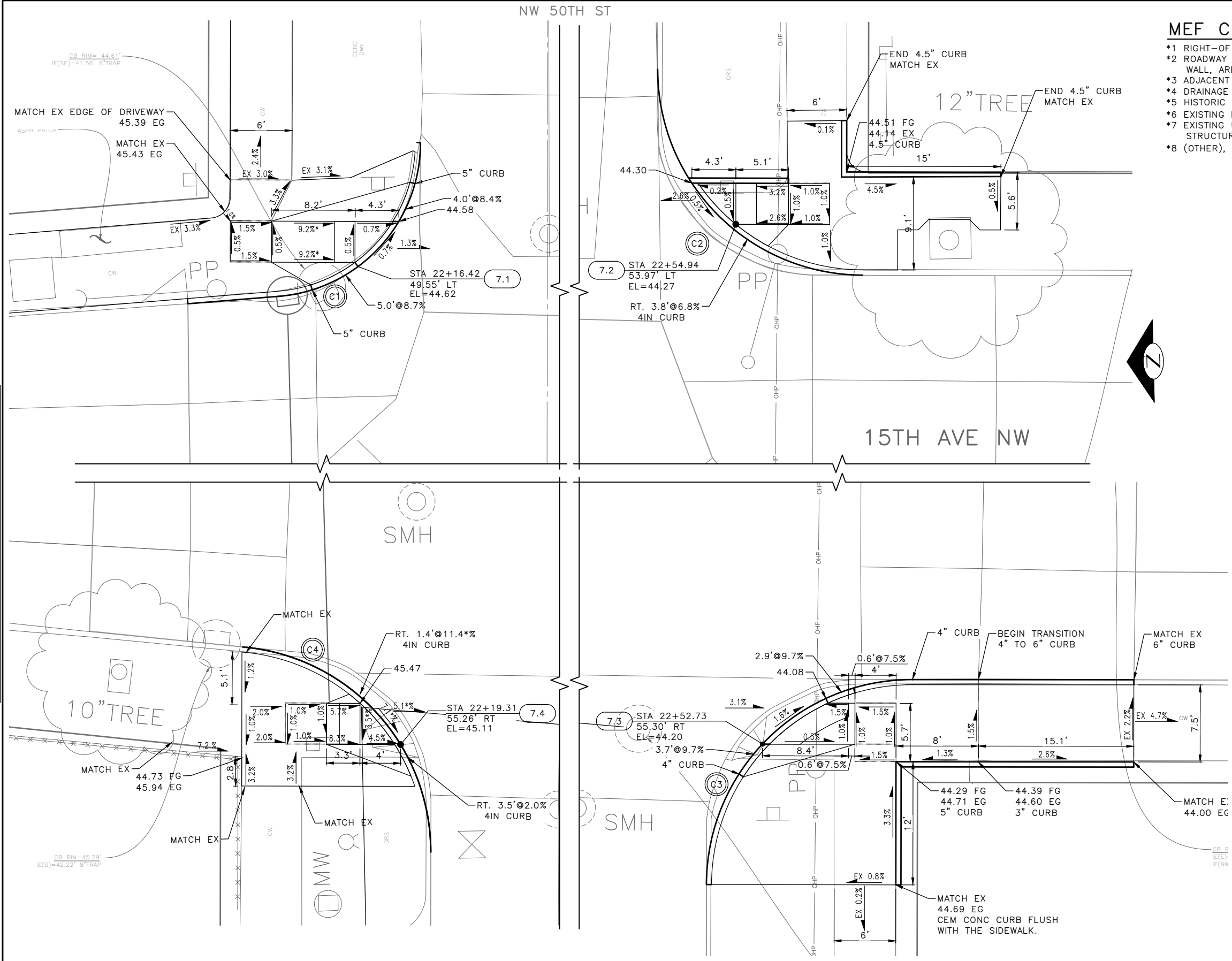
- *1 RIGHT-OF WAY AVAILABILITY
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GENERAL NOTES

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2. SEE PAVING PLANS FOR ALIGNMENT INFORMATION.

LEGEND

..... GRADE BREAK



save	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C1	RADIUS POINT	22+07.49	61.60'LT	N/A	Δ=85°21'12" L=22.35' R=15.00' T=13.83'
	PC	22+08.72	46.65'LT	44.70'	
	1/4	22+14.07	48.12'LT	44.60'	
	1/2	22+18.52	51.44'LT	44.63'	
	3/4	22+21.46	56.16'LT	44.53'	
PT	22+22.49	61.62'LT	44.43'		

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C2	RADIUS POINT	22+67.59	69.30'LT	N/A	Δ=88°19'25" L=31.28' R=20.00' T=19.70'
	PC	22+47.31	69.04'LT	43.61'	
	1/4	22+48.90	61.44'LT	44.19'	
	1/2	22+53.24	54.99'LT	44.30'	
	3/4	22+59.69	50.65'LT	44.20'	
PT	22+67.29	49.05'LT	43.59'		

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C3	RADIUS POINT	22+67.30	69.00'RT	N/A	Δ=89°57'25" L=31.40' R=20.00' T=19.99'
	PC	22+47.30	68.98'RT	44.31'	
	1/4	22+48.79	61.31'RT	44.26'	
	1/2	22+53.17	54.85'RT	44.19'	
	3/4	22+59.65	50.52'RT	44.07'	
PT	22+67.30	49.00'RT	43.92'		

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C4	RADIUS POINT	22+02.26	65.70'RT	N/A	Δ=85°16'48" L=29.77' R=20.00' T=18.42'
	PC	22+03.91	45.78'RT	45.28'	
	1/4	22+11.04	47.74'RT	45.61'	
	1/2	22+16.97	52.17'RT	45.44'	
	3/4	22+20.89	58.45'RT	45.30'	
PT	22+22.26	65.72'RT	44.84'		

Symbol	STD PLAN	MEF CODE
○	7.1	422D *6
○	7.2	422D -
○	7.3	422E -
○	7.4	422D *6

90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

PW#2022-xxx	APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED CHECKED	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.		 ORDINANCE NO. %% PW NO. 2022-xxx SUBPROJECT ID: %% SCALE: 1"=20'	2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE	PC CO	TRC0481 TRC0481
	BY: CITY PURCHASING & CONTRACTING SERVICES DIRECTOR	DRAWN CHECKED	RECEIVED REVISED AS BUILT				VPI #	XXX-XXX

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ABBREVIATIONS:

EVPD	EMERGENCY VEHICLE PREEMPTION DETECTORS
CCTV	CLOSED-CIRCUIT TELEVISION
AP	ACCESS POINT
TC	TRAFFIC CONTROL
SL	STREET LIGHT
HH	HANDHOLE
EX.	EXISTING

TRAFFIC SIGNAL NOTES:

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

1. THE CONTRACTOR MUST IMMEDIATELY REPORT ANY DAMAGE TO THE TRAFFIC SIGNAL SYSTEM, INCLUDING CONDUIT AND THE DETECTOR LOOPS. SEE SECTION 1-07.28 NOTE 16.
2. THE TRAFFIC SIGNAL SYSTEM INTERCONNECT CABLE AND SIGNAL WIRE SERVICE, VIDEO, OR MASTER CABLE MUST NOT BE SPLICED. SEE SECTIONS 8-31.3(8)A AND 8-31.3(9)B.
3. THE CONTRACTOR MUST CONTACT SDOT TRAFFIC SIGNAL OPERATIONS WHEN THE TRAFFIC SIGNAL SYSTEMS OR THE TRAFFIC DETECTOR LOOPS MAY BE IMPACTED BY CONSTRUCTION. ADVANCE NOTIFICATION IS REQUIRED. SEE SECTION 1-07.28, SIGNALIZED INTERSECTIONS.
4. THE CONTRACTOR MUST PROVIDE PRELIMINARY LAYOUT FOR THE TRAFFIC DETECTION. THE LAYOUT MUST BE VERIFIED BY THE ENGINEER PRIOR TO SAW CUTTING. ADVANCE NOTIFICATION IS REQUIRED. SEE SECTION 8-31.3(5)A.
5. FINAL POLE AND CABINET LOCATIONS MUST BE FIELD VERIFIED BY THE ENGINEER PRIOR TO EXCAVATION.
6. CONTRACTOR MUST INVESTIGATE FOR UNDERGROUND UTILITIES PRIOR TO ANY FOUNDATION EXCAVATION OR CONDUIT TRENCHING TO AVOID DAMAGE TO ANY UNDERGROUND UTILITIES (INCLUDING SIDE SEWERS). ANY CONFLICTS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO ANY CONSTRUCTION WORK.
7. CONTRACTOR MUST VERIFY THE CAPACITIES OF ALL EXISTING CONDUITS DESIGNATED FOR USE ON THIS PROJECT. ANY DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO ANY CONSTRUCTION WORK.
8. CONTRACTOR MUST COORDINATE WITH SDOT/SCL/SDCI INSPECTOR AT THE START OF CONSTRUCTION FOR INSPECTION REQUIREMENT AT VARIOUS STAGES OF CONSTRUCTION AS INSTRUCTED BY THE INSPECTOR AND PROVIDE ASSISTANCE AS NECESSARY.
9. CONTRACTOR MUST COMBINE TRAFFIC, LIGHTING AND ITS CONDUITS IN THE SAME TRENCH WHERE FEASIBLE.
11. ALL DISCONNECTIONS, TEMPORARY CONNECTIONS AND FINAL SERVICE CONNECTIONS WILL BE MADE BY SEATTLE CITY LIGHT (SCL).

STREET LIGHTING NOTES:

1. ALL DISCONNECTIONS, TEMPORARY OR FINAL SERVICE CONNECTIONS WILL BE MADE BY SEATTLE CITY LIGHT (SCL) AT PROJECT'S EXPENSE. COORDINATE ALL ENERGIZING AND DE-ENERGIZING OF STREET LIGHTING SERVICE WITH SCL ELECTRICAL SERVICE REPRESENTATIVE AND STREETLIGHT ENGINEER FIFTEEN (15) WORKING DAYS IN ADVANCE. ADDITIONAL TIME MAY BE NEEDED FOR CREW SCHEDULING AND MOBILIZATION.
2. CONTRACTOR MUST MAKE PRIOR COORDINATION FOR FLOOD OR STREETLIGHT REMOVAL. CONTRACTOR MUST MAKE PRIOR DELIVERY COORDINATION FOR SALVAGED STREETLIGHT-RELATED MATERIALS TO SEATTLE CITY LIGHT SALVAGE YARD AT 4TH AVE S & S SPOKANE ST, 98134. CONTACT SALVAGE COORDINATOR AT 206-386-1765. NO ARTERIAL STREETLIGHT MAY BE DISABLED WITHOUT PRIOR APPROVAL FROM SEATTLE DEPARTMENT OF TRANSPORTATION (SDOT).
3. EXISTING STREET LIGHTING SYSTEM SHALL BE MAINTAINED DURING CONSTRUCTION.
4. WORK MUST BE SCHEDULED SUCH THAT NO TWO (2) ADJACENT OR OPPOSITE STREETLIGHTS ARE DISABLED AT ANY ONE TIME.
5. ANY EXCAVATION IN PROXIMITY TO AN EXISTING STREETLIGHT POLE MUST BE DONE WITHOUT UNDERMINING ITS STABILITY. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY STABILIZING SUPPORT.
6. ALL WORK SHALL CONFORM TO SEATTLE CITY LIGHT (SCL) CURRENT STANDARDS ONCE CONSTRUCTION COMMENCES.
7. INSTALLATION OF UNDERGROUND STREETLIGHT SYSTEMS, AND STREETLIGHT SYSTEM GROUNDING AND BONDING MUST BE PER SEATTLE CITY LIGHT (SCL) CONSTRUCTION STANDARD 1714.50.
8. ALL WIRING, INCLUDING STREET LIGHTING, PEDESTRIAN LIGHTING AND FESTOON LIGHTING CIRCUITS MUST BE CLEARLY LABELED PER SEATTLE CITY LIGHT (SCL) CONSTRUCTION STANDARD 1714.10.
9. EACH LUMINAIRE MUST BE FUSED PER (SCL) CONSTRUCTION STANDARD 1730.00.
10. STREETLIGHT HANDHOLE AND CONDUIT REQUIREMENTS MUST CONFORM TO SCL CONSTRUCTION STANDARD 1716.07.
11. PULL TAPE MUST BE INSTALLED THROUGH VACANT CONDUIT AND CAPPED PER (SCL) CONSTRUCTION STANDARD U2-11.40/NDK-40.
12. MAINTAIN MINIMUM HORIZONTAL & VERTICAL CLEARANCES BETWEEN SCL UNDERGROUND STRUCTURES AND VARIOUS OTHER UTILITY STRUCTURES PER SCL CONSTRUCTION STANDARD 0214.00.
13. FOR STREET LIGHTING INSPECTIONS CONTACT SCL ELECTRICAL REVIEWER TEN (10) WORKING DAYS IN ADVANCE.
14. CONTRACTOR MUST CALL FOR AN ELECTRICAL REVIEWER INSPECTION OF THE STREET LIGHTING SYSTEM AT VARIOUS STAGES OF INSTALLATION/CONSTRUCTION OR AS INSTRUCTED BY THE SCL INSPECTOR.
15. CONTRACTOR MUST PROVIDE AN OPERATOR AND MAN LIFT TRUCK FOR USE DURING INSPECTION OF INSTALLED STREETLIGHT FACILITIES.
16. CONTRACTOR MUST ASSIST THE INSPECTOR DURING INSPECTIONS, COMMISSIONING, AND FINAL CONNECTION PHASES OF THE PROJECT AS INSTRUCTED BY THE INSPECTOR. SUCH ASSISTANCE WILL INCLUDE, BUT NOT BE LIMITED TO OPENING HANDHOLES, MANHOLES AND VARIOUS ACCESS COVERS, DISCONNECTING AND RECONNECTING FUSE HOLDERS AND MECHANICAL SPLICE CONNECTIONS, VERIFYING CONDUIT RUNS, ETC.
17. PRIOR TO REQUESTING FINAL STREETLIGHT SERVICE CONNECTION, CONTRACTOR MUST CORRECT ALL PUNCH LIST ITEMS AND CALL FOR A RE-INSPECTION WHERE REQUIRED BY THE INSPECTOR. CONTRACTOR MUST PREPARE A SIGNED AS-BUILT AND WIRING DIAGRAM WHICH INCLUDES WHICH DUCT IS USED IN EACH DUCT BANK.

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX			REVISIONS		

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NOTES AND LEGEND SIGNALS

PW#2022-xxx

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

BY: _____
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

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DESIGNED KAF	CHECKED DV	REVIEWED: DES. SDOT	CONST. PROJ. MGR.
DRAWN JSC	CHECKED KAF	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.			



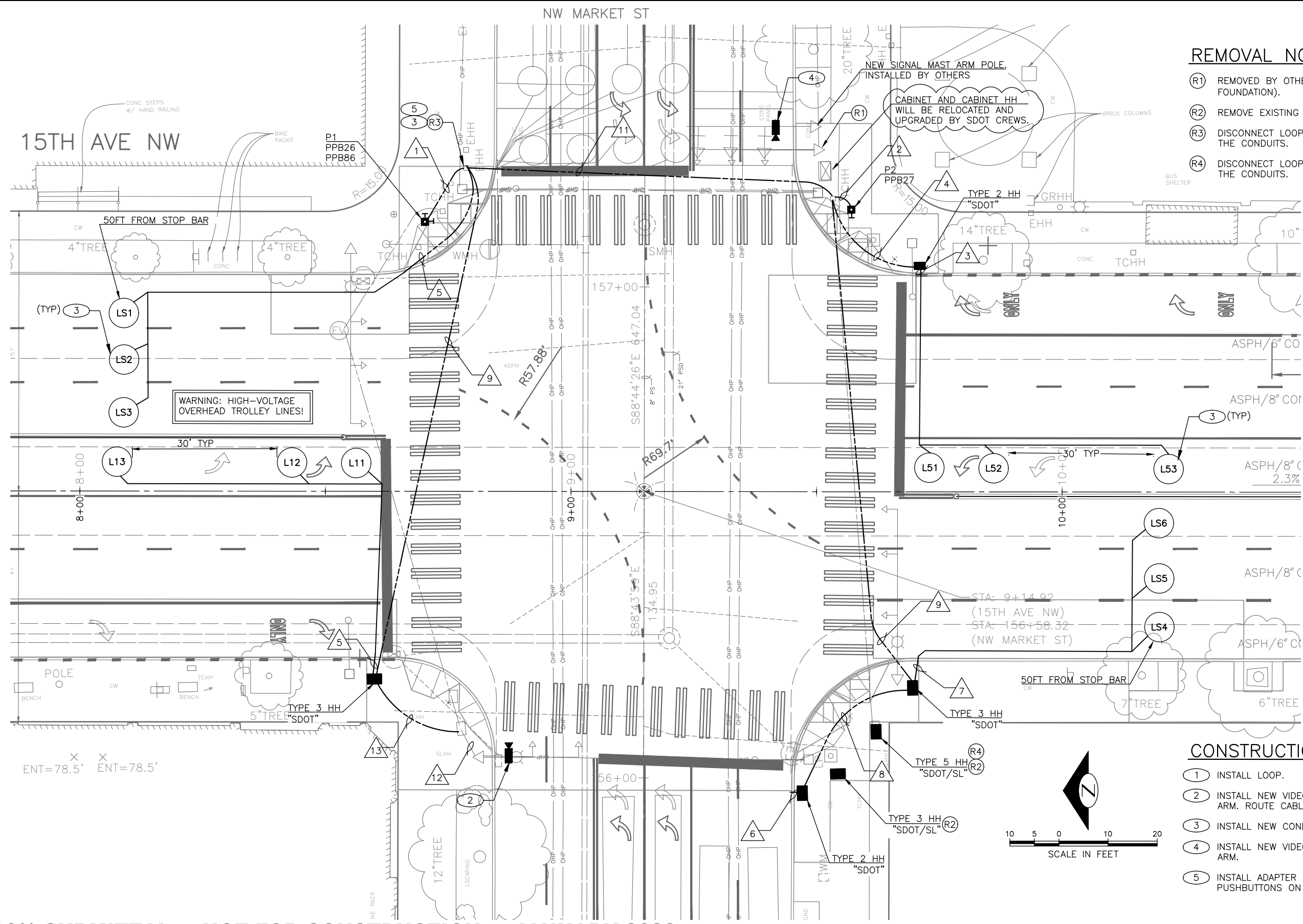
Seattle Department of Transportation

ORDINANCE NO. %% PW NO. 2022-xxx
SUBPROJECT ID: %%
SCALE: H"=1/8"=20', V. 1"=10'

**2023 AAC 15TH AVE
W/NW,
& BALLARD BRIDGE**

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
SG00	
SHEET	54 OF 97

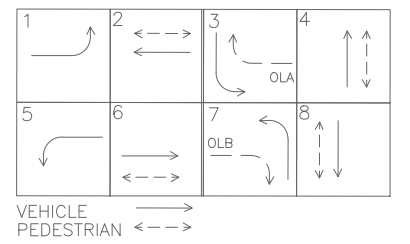
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REMOVAL NOTES:

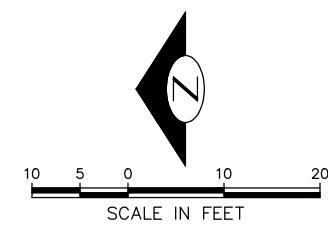
- (R1) REMOVED BY OTHERS (EXISTING SIGNAL MAST ARM, POLE AND FOUNDATION).
- (R2) REMOVE EXISTING HANDHOLE.
- (R3) DISCONNECT LOOP LEAD-INS FOR WESTBOUND AND PULL OUT OF THE CONDUITS.
- (R4) DISCONNECT LOOP LEAD-INS FOR EASTBOUND AND PULL OUT OF THE CONDUITS.

EXISTING PHASE DIAGRAM



CONSTRUCTION NOTES:

- (1) INSTALL LOOP.
- (2) INSTALL NEW VIDEO DETECTION CAMERA ON SIGNAL POLE MAST ARM. ROUTE CABLE THROUGH EXISTING SIGNAL TENON.
- (3) INSTALL NEW CONDUIT INTO EXISTING HANDHOLE.
- (4) INSTALL NEW VIDEO DETECTION CAMERA ON SIGNAL POLE MAST ARM.
- (5) INSTALL ADAPTER FOR MOUNTING TWO APS PEDESTRIAN PUSHBUTTONS ON NEW POST.



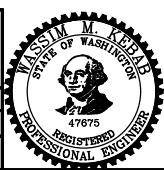
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NW MARKET ST SIGNALS

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Seattle Department of Transportation
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2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
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SHEET 55 OF 97	

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REVISIONS	DATE	MARK
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WIRING SCHEDULE

RUN NO.	SPAN/ CONDUIT SIZE	EX CONDUCTORS	LOOP	LOOP LEAD-IN	PPB 1-PR(SH)	VIDEO DETECTION	GROUND #6	NOTES
1	1" SDOT	-			2		1	
2	1" SDOT	-			1		1	
3	2-2" SDOT	-	6C					
4	3" SDOT	-		1-3PR			1	
5	2-3" SDOT	-						
6	2-2" SDOT	-						FUTURE USE
7	2-2" SDOT	-	6C					FUTURE USE
8	2-2" SDOT	-						FUTURE USE
9	2-3" SDOT	-		1-3PR		1	1	
10	2-3" SDOT	-						
11	2-3" SDOT	-		2-3PR	2		1	
12	EX. 2"	2-10C, 1-1PR, 3-#12				1		
13	2" SDOT	-				1	1	

(PPB) PUSHBUTTON MOUNTING SCHEDULE (APS)

PPB/BPP NO.	POLE NO.	LOCATION (0° AZIMUTH CLOCKWISE)	PHASE	PEDESTRIAN SIGNALS		
				SIGN	ARROW DIRECTION LOOKING AT PUSHBUTTON	RAPID TICK
PPB26	P1	90	2	R10-3	LEFT	CUSTOM MESSAGE
PPB27	P2	270	2	R10-3	LEFT	CUSTOM MESSAGE
PPB86	P1	180	8	R10-3	LEFT	CUSTOM MESSAGE

0° AZIMUTH = NORTHBOUND 15TH AVE W
SEE STD PLAN NO. 522a FOR PPB ASSEMBLY

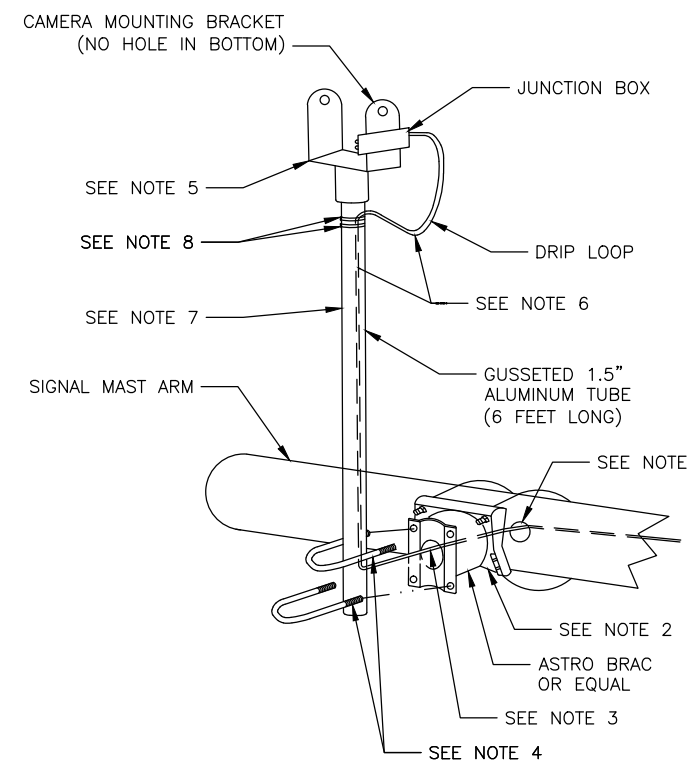
POLE/PEDESTAL SCHEDULE

POLE NO.	STATION/LOCATION AND OFFSET	POLE TYPE	LENGTH (FT)	FOUNDATION TYPE	LUMINAIRE ARM LENGTH (FT)	LUMINAIRE WATTAGE	LUMINAIRE MOUNTING HEIGHT (FT)
P1	XX+XX.XX, XX.XX	PPB POST	4.5	STD PLAN NO. 521	-	-	-
P2	XX+XX.XX, XX.XX	PPB POST	4.5	STD PLAN NO. 521	-	-	-

LOOP SCHEDULE

LOOP NO.	SIZE	TYPE				BICYCLE DETECTOR PAVEMENT MARKING	PHASE	CHANNEL	NO. TURNS	MEASURED AT HANDHOLE	
		DIPOLE	QUADRUPOLE	STANDARD	PREFORMED					INDUCTANCE	RESISTANCE
L11	6' DIA.		X	X			1				
L12	6' DIA.	X		X			1				
L13	6' DIA.	X		X			1				
L51	6' DIA.		X	X			5				
L52	6' DIA.	X		X			5				
L53	6' DIA.	X		X			5				
LS1	6' DIA.	X		X			-				
LS2	6' DIA.	X		X			-				
LS3	6' DIA.	X		X			-				
LS4	6' DIA.	X		X			-				
LS5	6' DIA.	X		X			-				
LS6	6' DIA.	X		X			-				

SEE STD PLAN NO. 530b FOR STANDARD LOOP SPACING



NOTES:

1. THE CONTRACTOR MUST DRILL A 1" HOLE IN THE BACK SIDE OF THE SIGNAL MAST ARM, & PUT A RUBBER GROMMET IN HOLE. VERIFY MOUNTING LOCATION WITH ENGINEER PRIOR TO DRILLING.
2. THE ASTRO BRACKET MUST BE INSTALLED OVER THE 1" HOLE.
3. VIDEO CABLE MUST BE PULLED THROUGH THE SIGNAL MAST ARM THROUGH THE 1" HOLE AND THROUGH THE ASTRO BRACKET.
4. BOLT 1.5" GUSSETED TUBE TO ASTRO BRACKET.
5. ATTACH VIDEO CAMERA MOUNTING BRACKET TO THE TOP OF THE GUSSETED TUBE.
6. ROUTE VIDEO CABLE IN GUSSET TO THE INSIDE OF TUBE, UP THE TUBE EXITING TUBE AT TOP OF GUSSET AND CONNECT TO VIDEO JUNCTION BOX LEAVING A DRIP LOOP IN CABLE.
7. INSTALL VINYL INSERT IN GUSSET, LEAVING NO MORE THAN A 1" GAP AT THE TOP FOR CABLE TO EXIT THE TUBE.
8. INSTALL 2 BLACK WEATHER RATED WIRE TIES AROUND TUBE WHERE CABLES EXIT AT THE TOP OF THE VINYL INSERT.
9. ALL MATERIAL AND INSTALLATION MUST BE PER MANUFACTURER'S RECOMMENDATION.

VIDEO DETECTION CAMERA MOUNTING DETAIL

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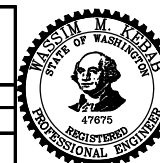
NW MARKET ST
SIGNAL DETAIL AND SCHEDULES

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2023 AAC 15TH AVE
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PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
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SHEET 56 OF 97	

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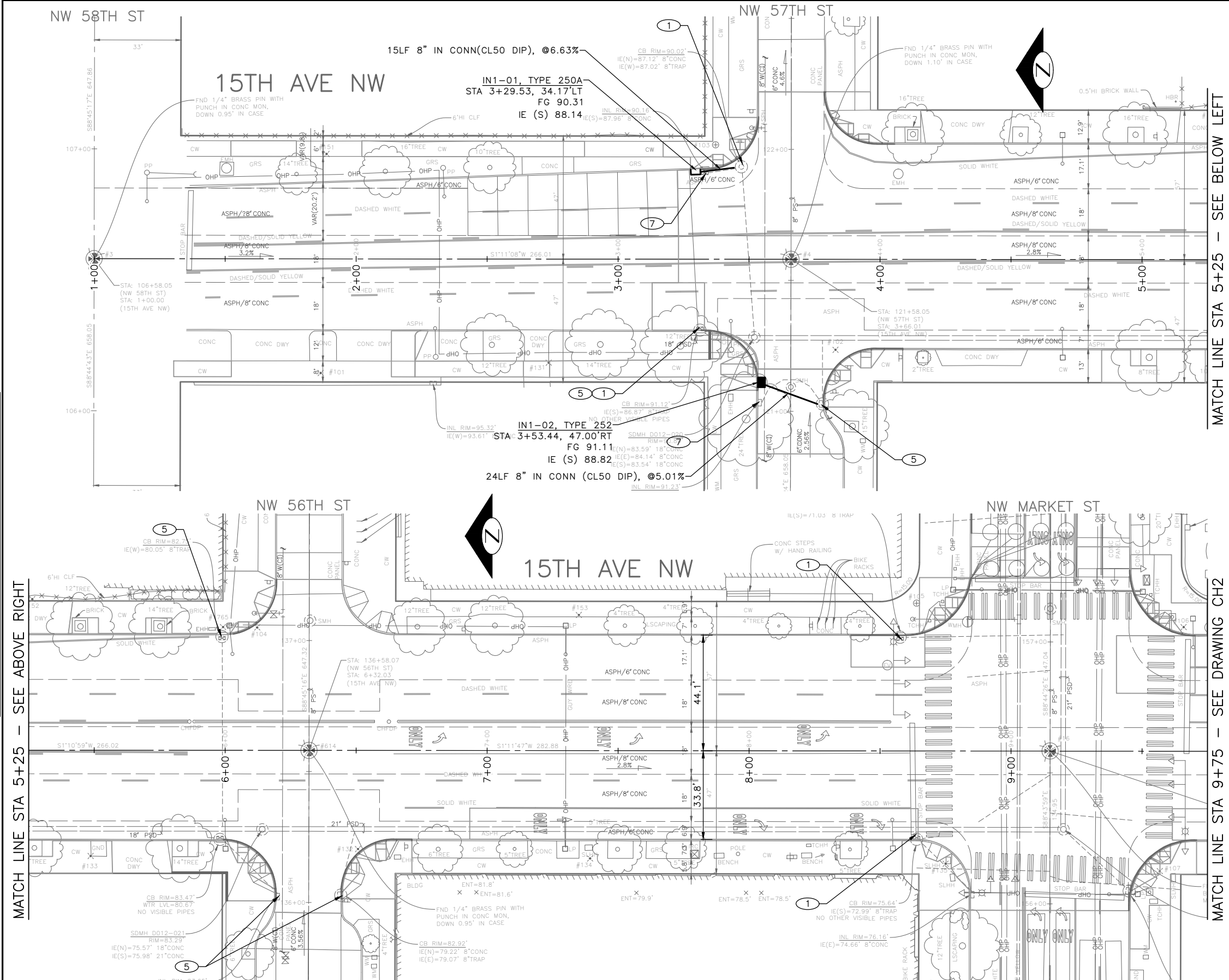
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GENERAL NOTES

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- INSTALL INLET PROTECTION ON ALL NEW AND EXISTING INLETS AND CATCH BASINS UNLESS OTHERWISE SPECIFIED.
- DUCTILE IRON PIPE BEDDING MUST BE CLASS B. TRENCH BACKFILL MUST BE IMPORTED MINERAL AGGREGATE TYPE 17.
- UTILITIES SHALL BE VERIFIED AND POTHOLED BY THE CONTRACTOR PRIOR TO THE CONSTRUCTION OF THE STORM DRAINAGE WHERE DESIGNATED BY THE ENGINEER. DISCREPANCIES IN INVERT ELEVATIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- TAPPED CONNECTIONS TO MAINS OR STRUCTURES SHALL BE PERFORMED BY SEATTLE PUBLIC UTILITIES (SPU). TO SCHEDULE CORE TAPS, CONTACT SPU AT (206) 615-0511 A MINIMUM OF 48 HOURS IN ADVANCE.
- PROVIDE POLYETHYLENE FOAM PROTECTION IF LESS THAN 6" CLEAR BETWEEN UTILITIES. PROVIDE 12" MINIMUM VERTICAL CLEARANCE FROM SPU MAINLINES.
- IF ROOTS ARE ENCOUNTERED, REFER TO STD SPEC 8-02.3(7)A FOR PRUNING PROCEDURE.
- SEE SHEET NT1 FOR ADDITIONAL DRAINAGE NOTES.

CONSTRUCTION NOTES

- ADJUST EX MH, CB, OR VC
- REBUILD CATCH BASIN
- REPLACE WITH UTILITY CASTING, TYPE 230
- REPLACE WITH UTILITY CASTING, TYPE 231, COVER
- REPLACE WITH UTILITY CASTING, TYPE 265, GRATE
- REPLACE WITH UTILITY CASTING, TYPE 266, GRATE
- REMOVE INLET AND ABANDON AND FILL PIPE. REMOVE PIPE AS NECESSARY TO INSTALL NEW PIPE
- REMOVE CB AND ABANDON AND FILL PIPE. REMOVE PIPE AS NECESSARY TO INSTALL NEW PIPE



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2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

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 CO TRC0481
 VPI # XXX-XXX
SD1
 SHEET 57 OF 97

DATE	MARK	NATURE	MADE	CHKD	REV'D
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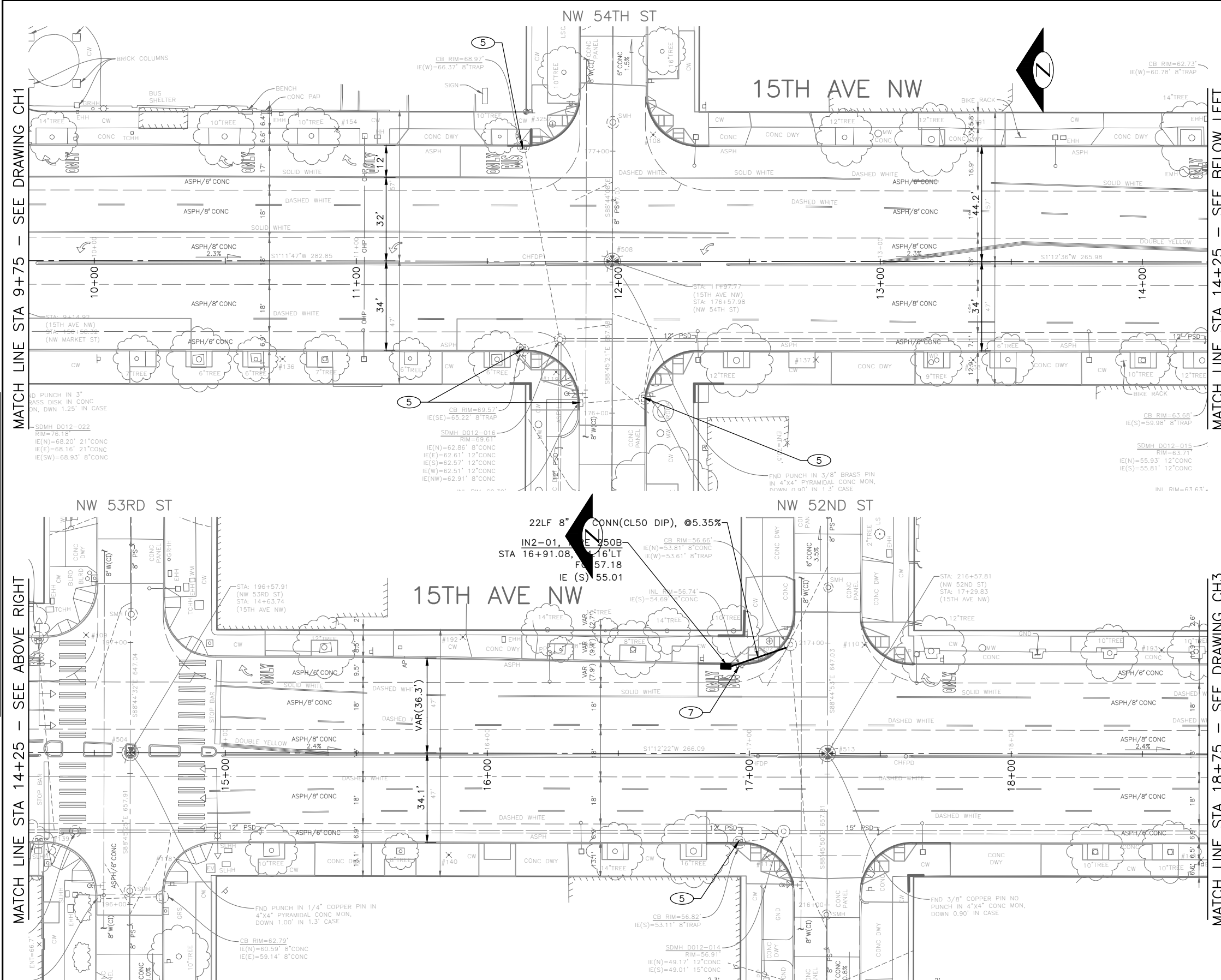
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GENERAL NOTES

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- UTILITIES SHALL BE VERIFIED AND POTHOLED BY THE CONTRACTOR PRIOR TO THE CONSTRUCTION OF THE STORM DRAINAGE WHERE DESIGNATED BY THE ENGINEER. DISCREPANCIES IN INVERT ELEVATIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- TAPPED CONNECTIONS TO MAINS OR STRUCTURES SHALL BE PERFORMED BY SEATTLE PUBLIC UTILITIES (SPU). TO SCHEDULE CORE TAPS, CONTACT SPU AT (206) 615-0511 A MINIMUM OF 48 HOURS IN ADVANCE.
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CONSTRUCTION NOTES

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- REPLACE WITH UTILITY CASTING, TYPE 230
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2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

DRAINAGE
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 SHEET 58 OF 97

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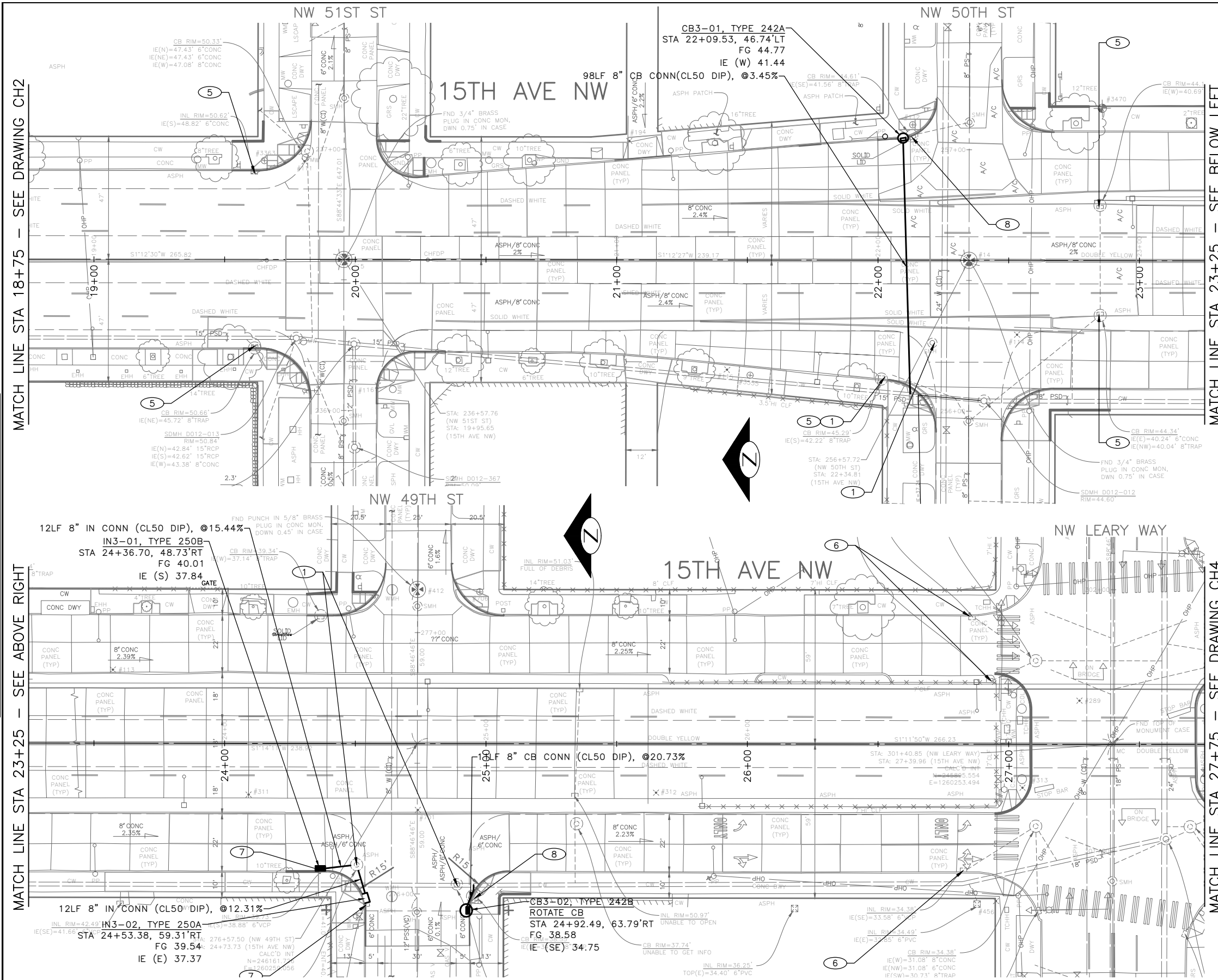
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2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

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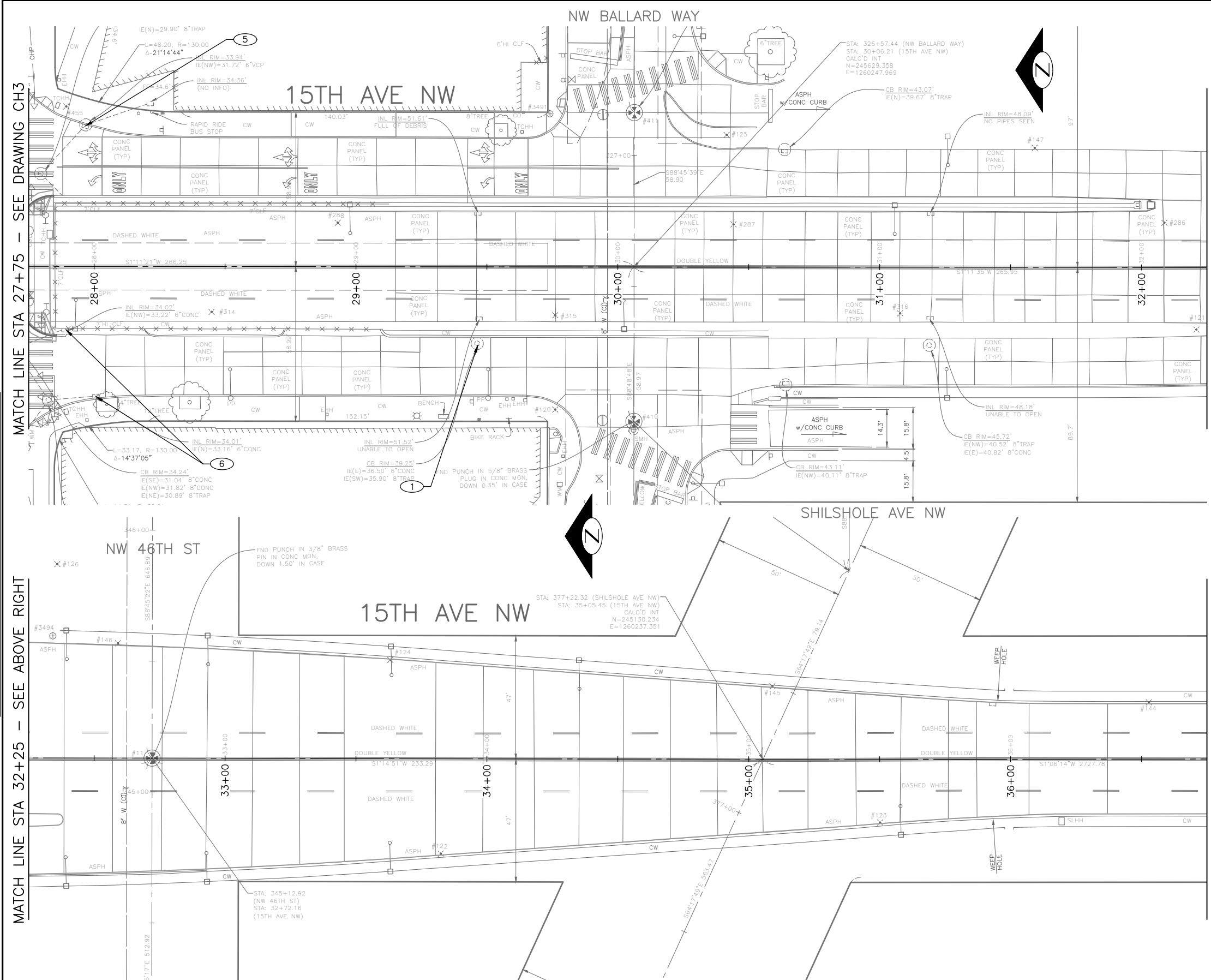
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LIZ ALZEER
 DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
 SEATTLE, WASHINGTON 20
 BY:
 CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED ###	REVIEWED:	DES. #	CONST. #
CHECKED ##	SDOT #	PROJ. MGR. #	
DRAWN ###	RECEIVED #		
CHECKED ###	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. 2022-xxx
 SUBPROJECT ID: %%
 SCALE: #####

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

DRAINAGE
 PC TRC0481
 CO TRC0481
 VPI # XXX-XXX
SD4
 SHEET 60 OF 97

DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX				

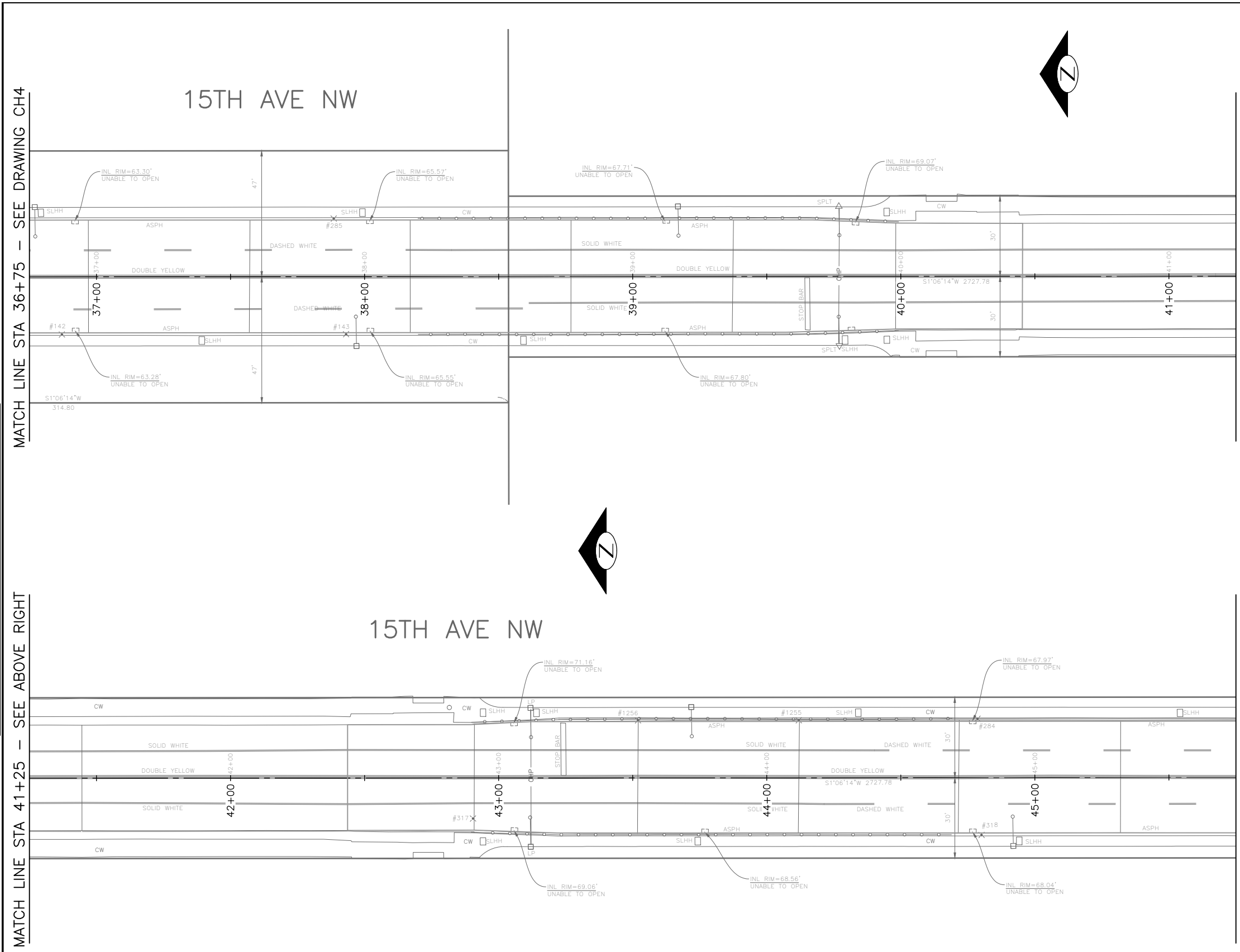
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 Jun-31-23 10:05am

GENERAL NOTES

- ALL MAINTENANCE HOLE STATIONS AND OFFSETS ARE MEASURED TO CENTER OF STRUCTURE. INLET AND CATCH BASIN STATIONS AND OFFSETS ARE MEASURED TO THE CENTERLINE OF THE STRUCTURE GRATE AT THE FACE OF CURB PER STD PLAN 260A & 260B.
- INSTALL INLET PROTECTION ON ALL NEW AND EXISTING INLETS AND CATCH BASINS UNLESS OTHERWISE SPECIFIED.
- DUCTILE IRON PIPE BEDDING MUST BE CLASS B. TRENCH BACKFILL MUST BE IMPORTED MINERAL AGGREGATE TYPE 17.
- UTILITIES SHALL BE VERIFIED AND POTHOLED BY THE CONTRACTOR PRIOR TO THE CONSTRUCTION OF THE STORM DRAINAGE WHERE DESIGNATED BY THE ENGINEER. DISCREPANCIES IN INVERT ELEVATIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- TAPPED CONNECTIONS TO MAINS OR STRUCTURES SHALL BE PERFORMED BY SEATTLE PUBLIC UTILITIES (SPU). TO SCHEDULE CORE TAPS, CONTACT SPU AT (206) 615-0511 A MINIMUM OF 48 HOURS IN ADVANCE.
- PROVIDE POLYETHYLENE FOAM PROTECTION IF LESS THAN 6" CLEAR BETWEEN UTILITIES. PROVIDE 12" MINIMUM VERTICAL CLEARANCE FROM SPU MAINLINES.
- IF ROOTS ARE ENCOUNTERED, REFER TO STD SPEC 8-02.3(7)A FOR PRUNING PROCEDURE.
- SEE SHEET NT1 FOR ADDITIONAL DRAINAGE NOTES.

CONSTRUCTION NOTES

- ADJUST EX MH, CB, OR VC
- REBUILD CATCH BASIN
- REPLACE WITH UTILITY CASTING, TYPE 230
- REPLACE WITH UTILITY CASTING, TYPE 231, COVER
- REPLACE WITH UTILITY CASTING, TYPE 265, GRATE
- REPLACE WITH UTILITY CASTING, TYPE 266, GRATE
- REMOVE INLET AND ABANDON AND FILL PIPE.



VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX			REVISIONS		



90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

PW#2022-xxx

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

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED ###	REVIEWED:	DES. #	CONST. #
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Seattle Department of Transportation
 ORDINANCE NO. %% PW NO. 2022-xxx
 SUBPROJECT ID: %%
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2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

DRAINAGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
SD5	
SHEET	61 OF 97

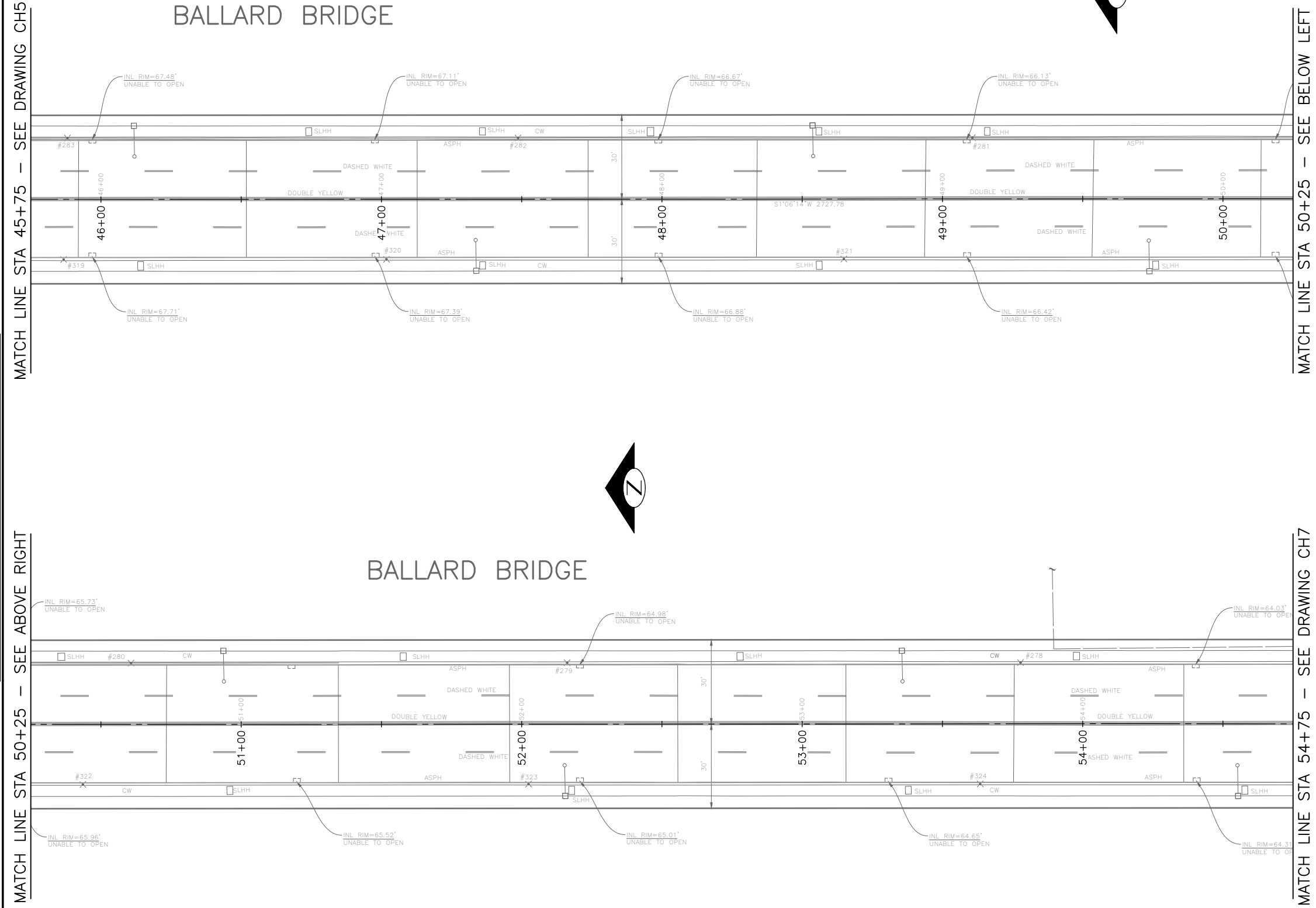
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CONSTRUCTION NOTES

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- REPLACE WITH UTILITY CASTING, TYPE 231, COVER
- REPLACE WITH UTILITY CASTING, TYPE 265, GRATE
- REPLACE WITH UTILITY CASTING, TYPE 266, GRATE
- REMOVE INLET AND ABANDON AND FILL PIPE. REMOVE PIPE AS NECESSARY TO INSTALL NEW PIPE

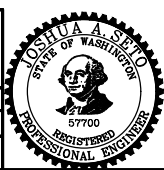


90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

PW#2022-xxx

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

INITIALS AND DATE		INITIALS AND DATE	
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Seattle Department of Transportation
 ORDINANCE NO. %% PW NO. 2022-xxx
 SUBPROJECT ID: %%
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**2023 AAC 15TH AVE
 W/NW,
 & BALLARD BRIDGE**

DRAINAGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
	SD6
SHEET	62 OF 97

DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX				

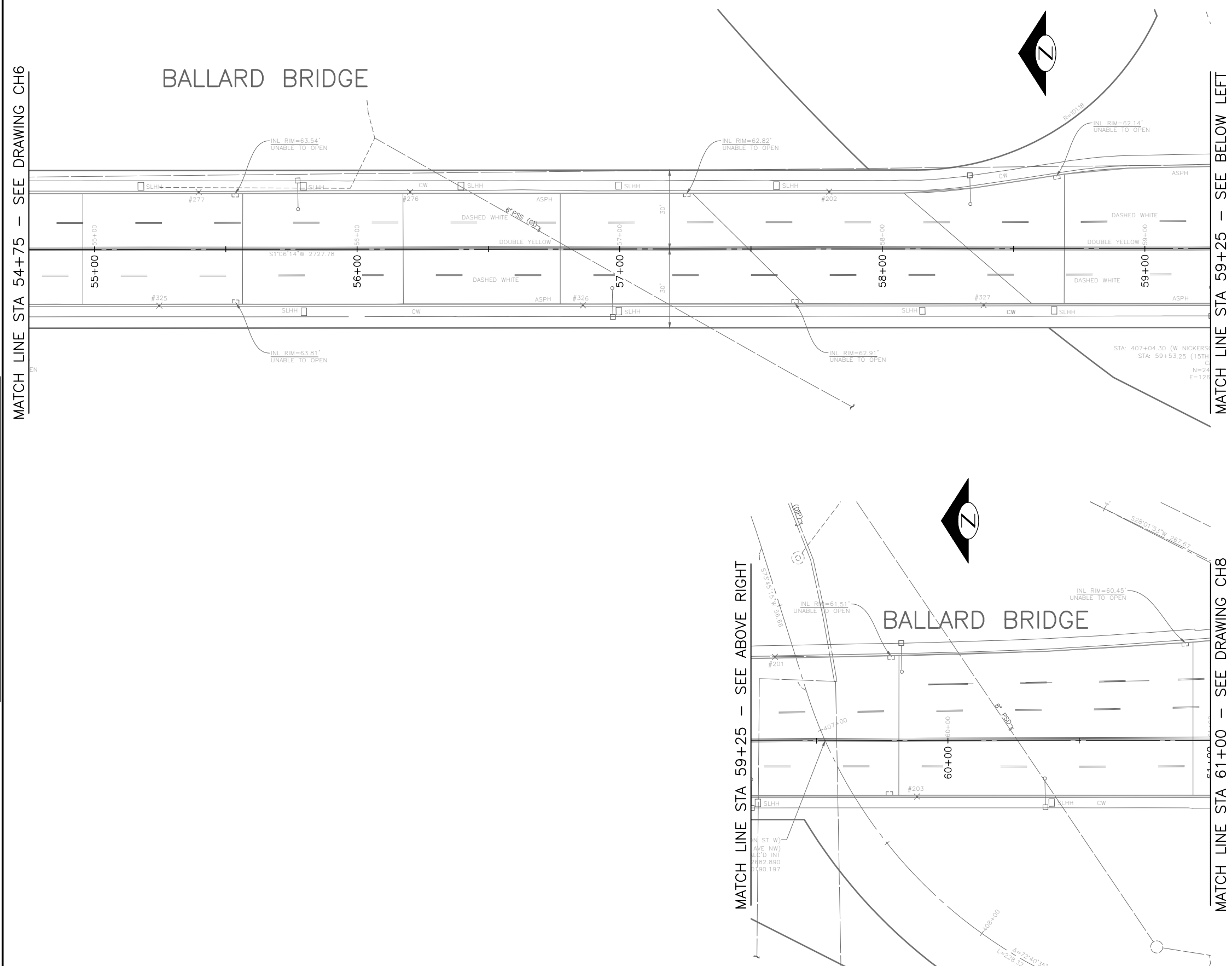
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 Jun-31-23 10:09am

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

90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

PW#2022-xxx	APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED ### CHECKED ##	INITIALS AND DATE REVIEWED: DES. # CONST. # SDOT # PROJ. MGR. #		<p>Seattle Department of Transportation ORDINANCE NO. %% PW NO. 2022-xxx SUBPROJECT ID: %% SCALE: #####</p>	<p>2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE</p>	PC TRC0481 CO TRC0481
	BY: CITY PURCHASING & CONTRACTING SERVICES DIRECTOR	DRAWN ### CHECKED ###	RECEIVED # REVISED AS BUILT #				VPI # XXX-XXX
						SD7	SHEET 63 OF 97

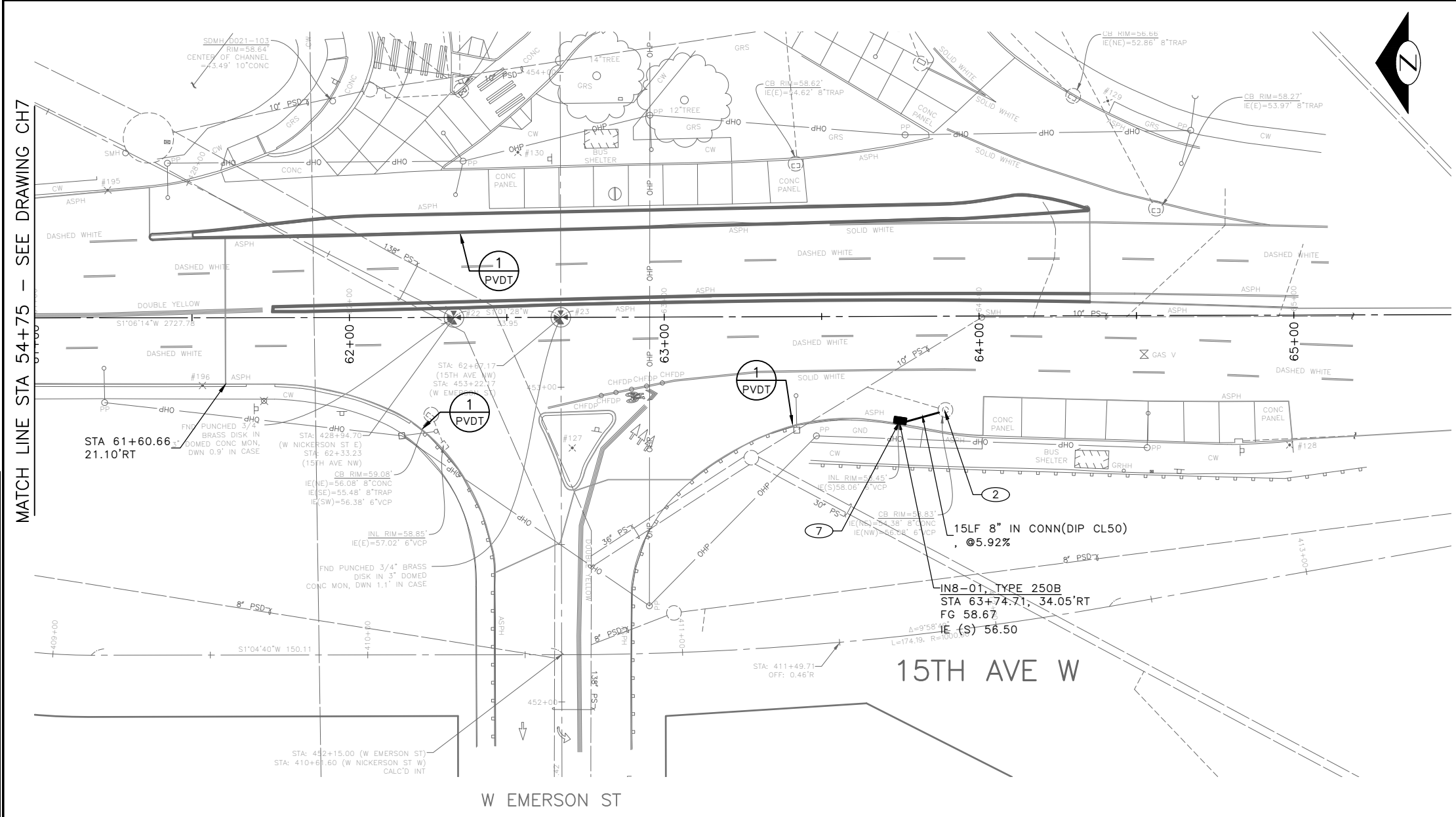
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MATCH LINE STA 54+75 - SEE DRAWING CH7

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



90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

PW#2022-xxx

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

INITIALS AND DATE		INITIALS AND DATE	
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CHECKED ##	SDOT #	PROJ. MGR. #	
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CHECKED ###	REVISED AS BUILT #		



Seattle Department of Transportation
ORDINANCE NO. %% PW NO. 2022-xxx
SUBPROJECT ID: %%
SCALE: #####

2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

DRAINAGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
	SD8
SHEET	64 OF 97

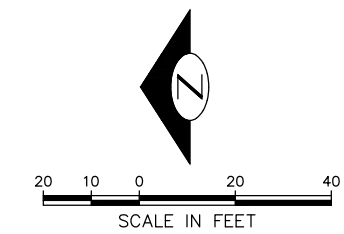
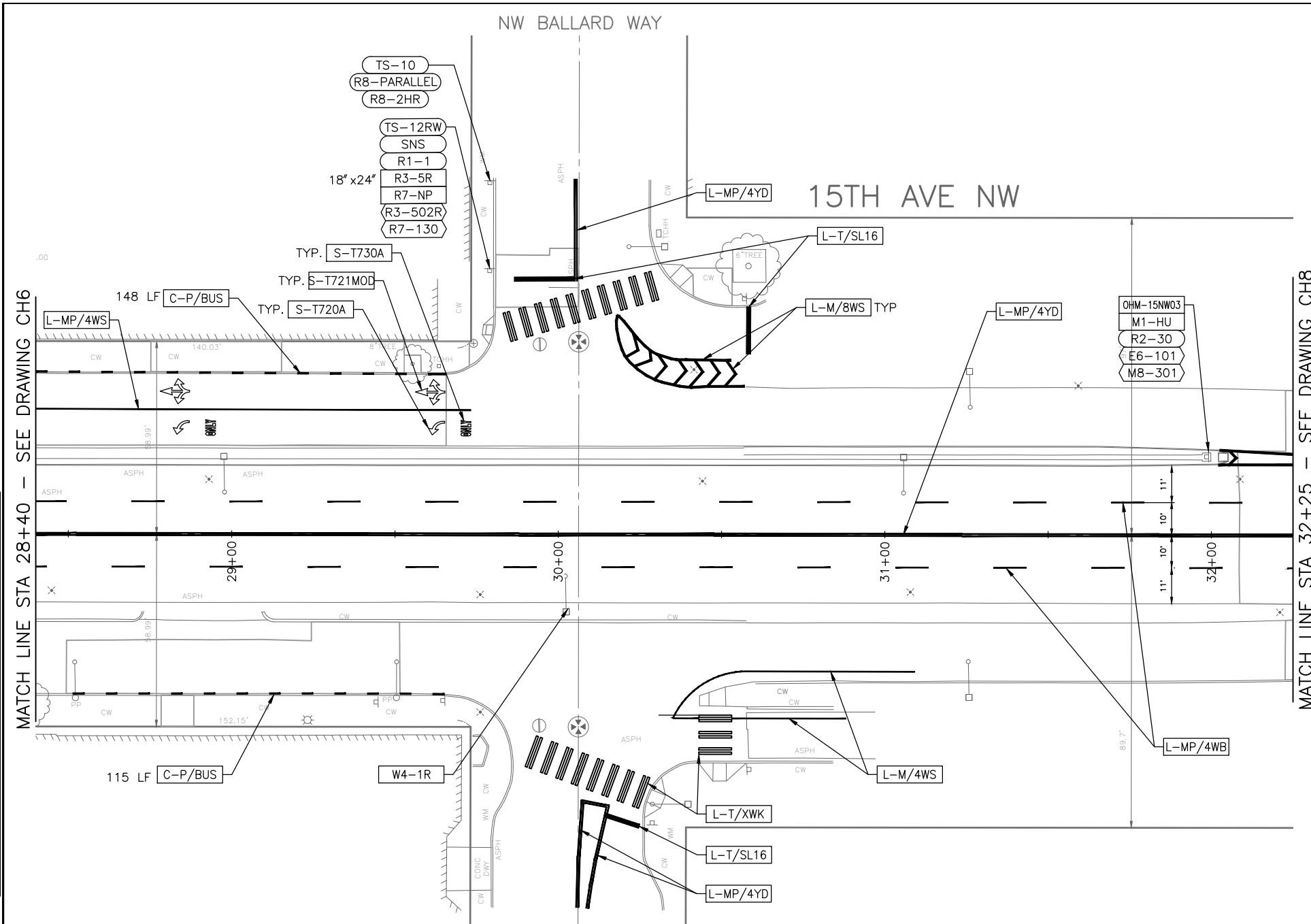
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CHANNELIZATION LEGEND

- L-MP/4YD PROFILED MMA 4" SOLID DOUBLE YELLOW LINES
 W/ 4" SPACE BETWEEN
- L-MP/4WB PROFILED MMA 4" DASHED WHITE LINE
 W/ 10' PAINT & 20' SKIP
- L-M/4W2 MMA 4" DASHED WHITE LINE W/ 2' STRIPE & 4' SKIP
- L-M/6W3 MMA 6" DASHED WHITE LINE W/ 3' STRIPE & 6' SKIP
- L-M/4WS MMA 4" SOLID WHITE LINE
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- L-M/8WS MMA 8" SOLID WHITE LINE
- L-MP/6W3 PROFILED MMA 6" DASHED WHITE LINE W/ 3' STRIPE &
 6' SKIP
- L-MP/4WS PROFILED MMA 4" SOLID WHITE LINE
- L-MP/6WS PROFILED MMA 6" SOLID WHITE LINE
- L-T/SL16 THERMOPLASTIC 16" STOPLINE
- L-T/SL24 THERMOPLASTIC 24" STOPLINE
- L-T/XWK THERMOPLASTIC 8" CROSSWALK
- C-P/Y YELLOW CURB STRIPE. STD PLAN 713
- C-P/BUS BUS ZONE CURB STRIPE IN NON-PARKING METERED
 AREA, STD PLAN 713
- S-T720A THERMOPLASTIC LEFT ARROW
- S-T720C THERMOPLASTIC RIGHT ARROW
- S-T720B THERMOPLASTIC THROUGH ARROW
- S-T721C THERMOPLASTIC THROUGH/LEFT ARROW
- S-T721B THERMOPLASTIC THROUGH/RIGHT ARROW
- S-T721MOD THERMOPLASTIC LEFT/THROUGH/RIGHT ARROW
- S-T723A THERMOPLASTIC LEFT MERGE/LANE REDUCTION ARROW
- S-T730A THERMOPLASTIC "ONLY" LEGEND
- S-T770A THERMOPLASTIC BICYCLE LANE SYMBOL & ARROW
- S-T771A THERMOPLASTIC BIKE SHARROW
- S-T730B THERMOPLASTIC "BUS" LEGEND
- FDP28W(Y) FLEXIBLE DELINEATOR POST, 28" WHITE (OR YELLOW)
- FDP48Y YELLOW PLASTIC CURB (40"X8"W) WITH FLEXIBLE
 DELINEATOR POST, 48", YELLOW

NOTES

1. INSTALL TYPE 2A LANE MARKER PER STANDARD PLANS.
 COLOR TO MATCH PAVEMENT MARKING COLOR.



CHANNELIZATION AND SIGNING

90% SUBMITTAL NOT FOR CONSTRUCTION PW#2022-xxx	APPROVED FOR ADVERTISING JANUARY 2023 LIZ DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE CHECKED _____ DRAWN _____ CHECKED _____	INITIALS AND DATE REVIEWED: DES. # _____ CONST. # _____ SDOT # _____ PROJ. MGR. # _____ RECEIVED # _____ REVISED AS BUILT # _____		<p>ORDINANCE NO. %% PW NO. 2022-xxx SUBPROJECT ID: %% SCALE: #####</p>	2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE	PC TRC0481 CO TRC0481 VPI # XXX-XXX CH7 SHEET 71 OF 97
	APPROVED FOR ADVERTISING 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.				

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 Jun-31-23 10:09am

CHANNELIZATION LEGEND

- L-MP/4YD PROFILED MMA 4" SOLID DOUBLE YELLOW LINES
 W/ 4" SPACE BETWEEN
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 W/ 10' PAINT & 20' SKIP
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 AREA, STD PLAN 713

- S-T720A THERMOPLASTIC LEFT ARROW
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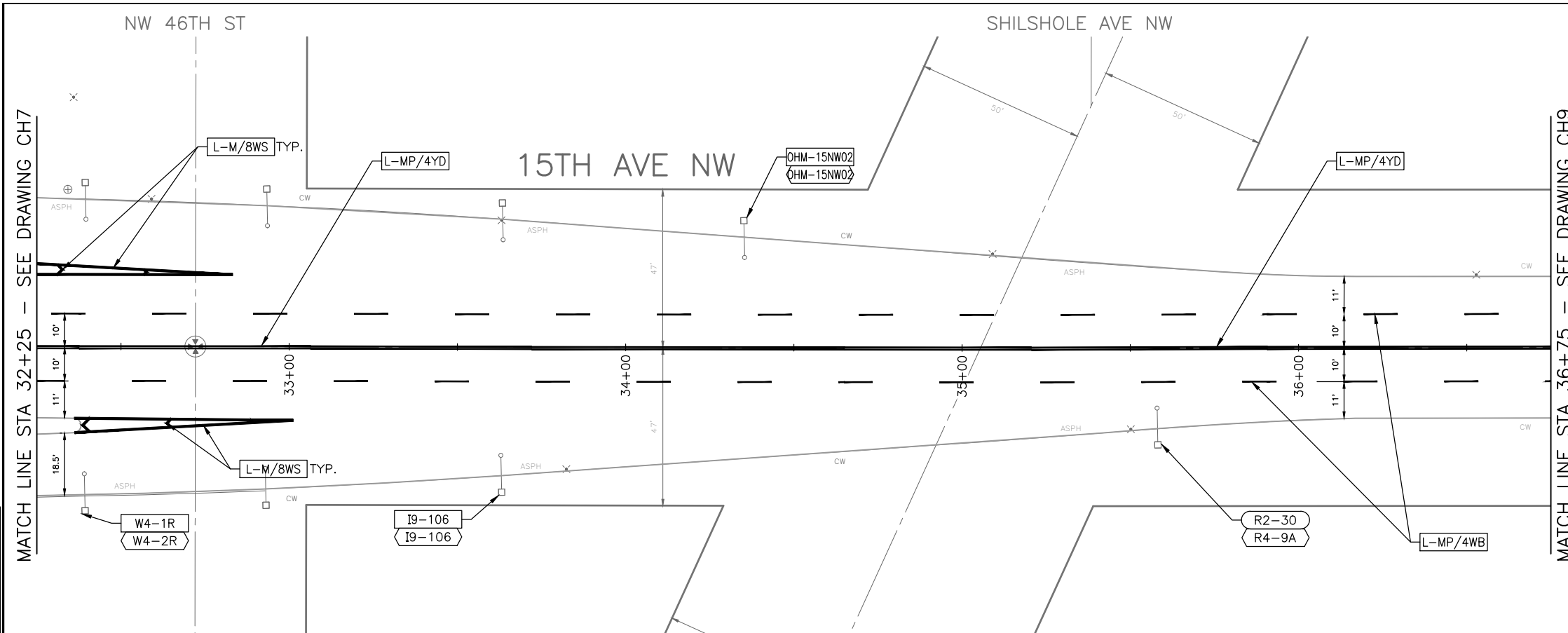
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- FDP28W(Y) FLEXIBLE DELINEATOR POST, 28" WHITE (OR YELLOW)

- FDP48Y YELLOW PLASTIC CURB (40"X8"W) WITH FLEXIBLE
 DELINEATOR POST, 48", YELLOW

NOTES

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 COLOR TO MATCH PAVEMENT MARKING COLOR.



VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D
XXXXX					

90% SUBMITTAL NOT FOR CONSTRUCTION

PW#2022-xxx

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

JANUARY 2023

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

BY: _____ CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

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Seattle Department of Transportation

ORDINANCE NO. %% PW NO. 2022-xxx
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SCALE: #####

**2023 AAC 15TH AVE
W/NW,
& BALLARD BRIDGE**

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
CH8	
SHEET 72 OF 97	

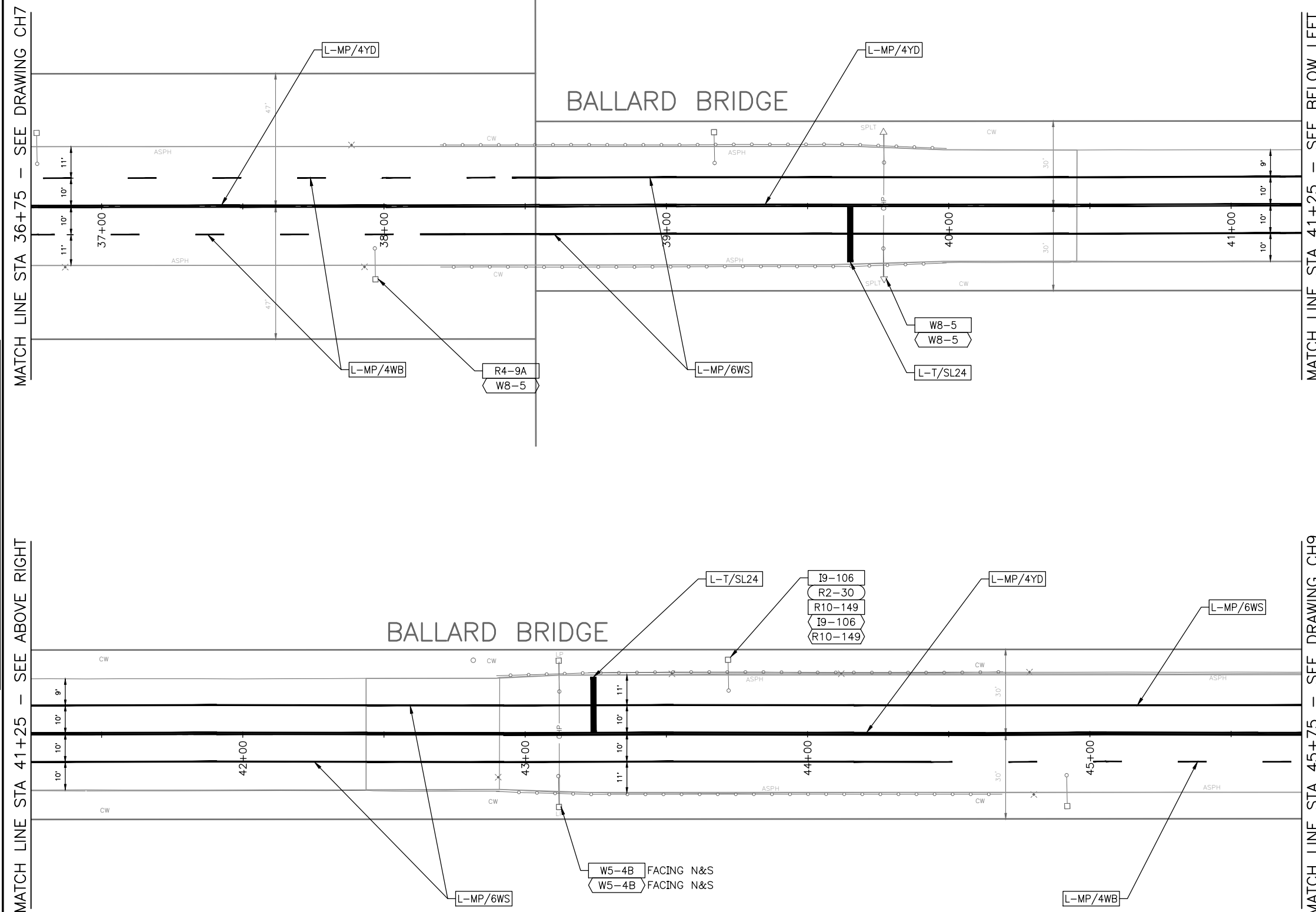
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CHANNELIZATION LEGEND

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 W/ 4" SPACE BETWEEN
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 W/ 10' PAINT & 20' SKIP
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NOTES

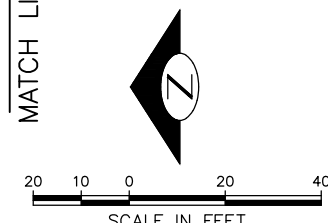
1. INSTALL TYPE 2A LANE MARKER PER STANDARD PLANS.
 COLOR TO MATCH PAVEMENT MARKING COLOR.



MATCH LINE STA 41+25 - SEE BELOW LEFT

MATCH LINE STA 41+25 - SEE ABOVE RIGHT

MATCH LINE STA 45+75 - SEE DRAWING CH9



90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

PW#2022-xxx

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

BY:
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	CHECKED	REVIEWED:	CONST. #
DESIGNER	CHECKER	DES. #	CONSTR. #
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**2023 AAC 15TH AVE
W/NW,
& BALLARD BRIDGE**

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
CH9	
SHEET 73 OF 97	

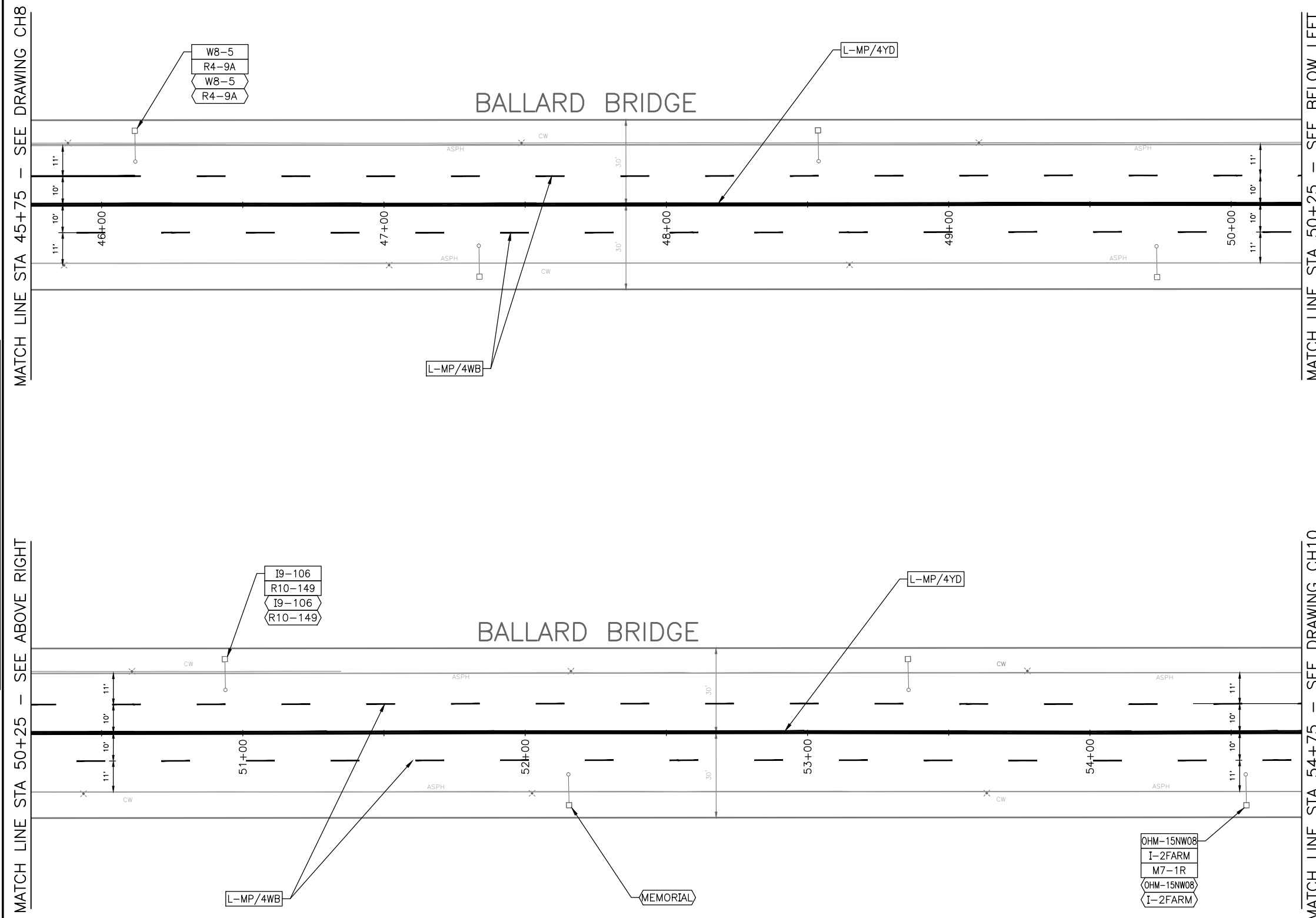
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CHANNELIZATION LEGEND

- L-MP/4YD PROFILED MMA 4" SOLID DOUBLE YELLOW LINES
 W/ 4" SPACE BETWEEN
- L-MP/4WB PROFILED MMA 4" DASHED WHITE LINE
 W/ 10' PAINT & 20' SKIP
- L-M/4W2 MMA 4" DASHED WHITE LINE W/ 2' STRIPE & 4' SKIP
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- C-P/BUS BUS ZONE CURB STRIPE IN NON-PARKING METERED
 AREA, STD PLAN 713
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- S-T720C THERMOPLASTIC RIGHT ARROW
- S-T720B THERMOPLASTIC THROUGH ARROW
- S-T721C THERMOPLASTIC THROUGH/LEFT ARROW
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NOTES

1. INSTALL TYPE 2A LANE MARKER PER STANDARD PLANS.
 COLOR TO MATCH PAVEMENT MARKING COLOR.

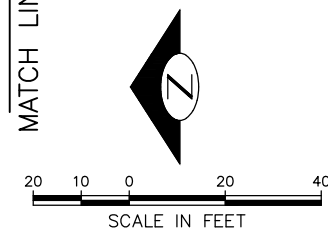


MATCH LINE STA 54+75 - SEE DRAWING CH10

MATCH LINE STA 45+75 - SEE DRAWING CH8

MATCH LINE STA 50+25 - SEE BELOW LEFT

MATCH LINE STA 50+25 - SEE ABOVE RIGHT



90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

CHANNELIZATION AND SIGNING

<h2>PW#2022-xxx</h2>	APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED _____ CHECKED _____ DRAWN _____ CHECKED _____	INITIALS AND DATE REVIEWED: _____ DES. # _____ CONST. # _____ SDOT # _____ PROJ. MGR. # _____ RECEIVED # _____ REVISED AS BUILT # _____		<p>Seattle Department of Transportation</p> <small>ORDINANCE NO. %% PW NO. 2022-xxx SUBPROJECT ID: %% SCALE: #####</small>	<h1>2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE</h1>	<table border="1" style="font-size: small;"> <tr> <td>PC</td> <td>TRC0481</td> </tr> <tr> <td>CO</td> <td>TRC0481</td> </tr> <tr> <td>VPI #</td> <td>XXX-XXX</td> </tr> <tr> <td colspan="2" style="text-align: center;">CH10</td> </tr> <tr> <td colspan="2" style="text-align: center;">SHEET 74 OF 97</td> </tr> </table>	PC	TRC0481	CO	TRC0481	VPI #	XXX-XXX	CH10		SHEET 74 OF 97	
	PC	TRC0481															
CO	TRC0481																
VPI #	XXX-XXX																
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SHEET 74 OF 97																	
BY: _____ <small>CITY PURCHASING & CONTRACTING SERVICES DIRECTOR</small>		<small>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.</small>															

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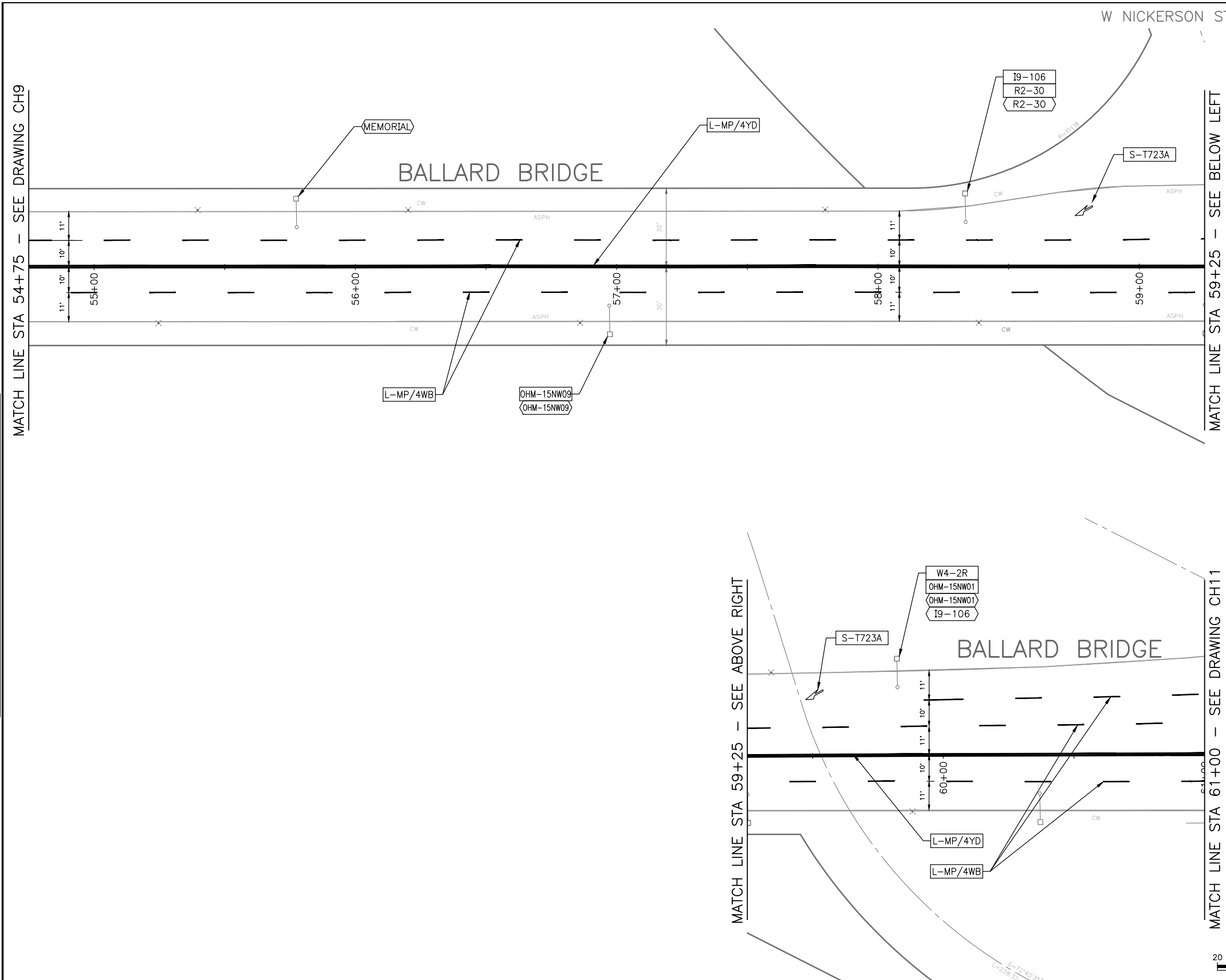
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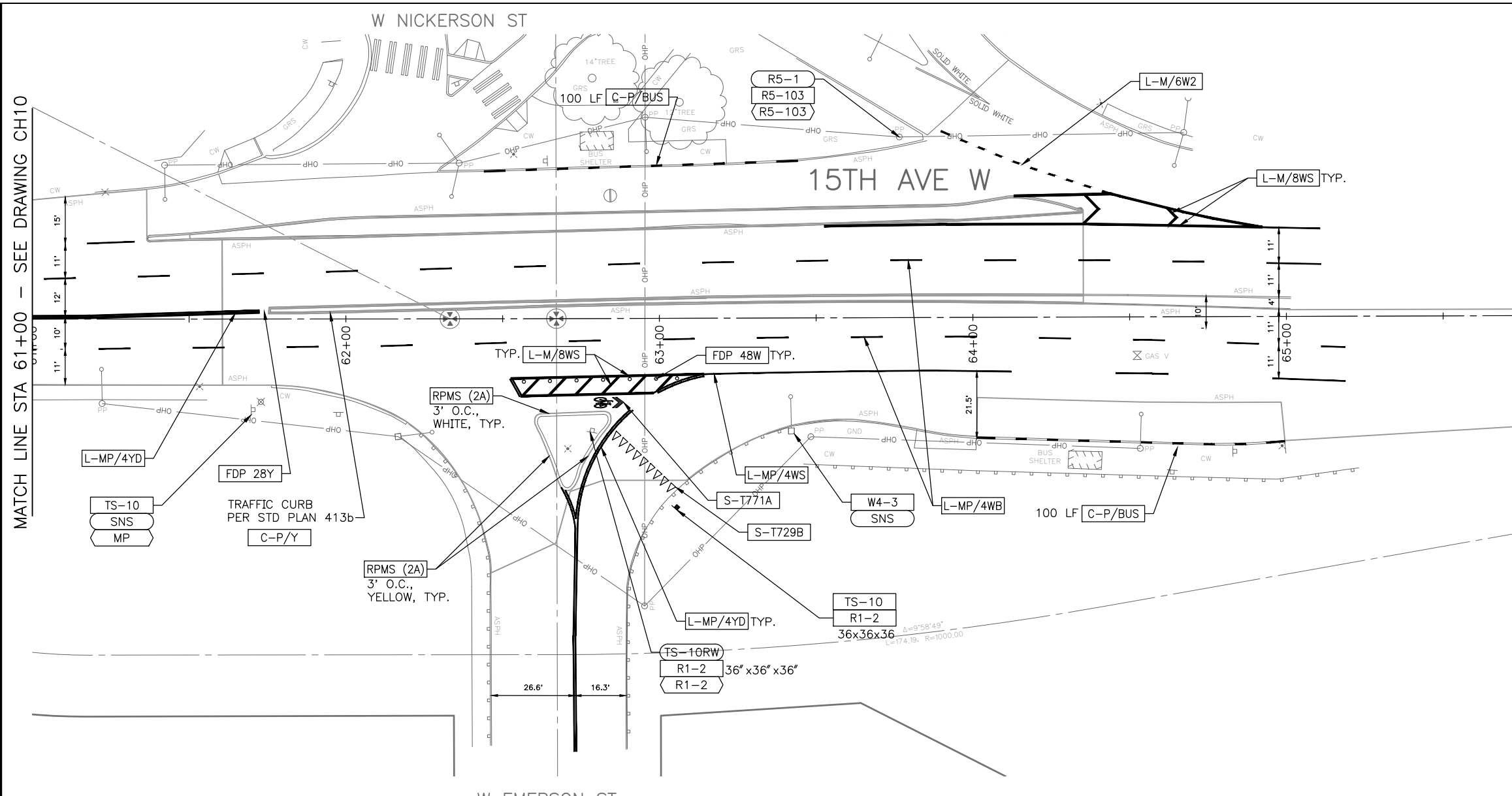


90% SUBMITTAL NOT FOR CONSTRUCTION JANUARY 2023

PW#2022-xxx	APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED _____ CHECKED _____ DRAWN _____ CHECKED _____	INITIALS AND DATE REVIEWED: _____ DES. # _____ CONST. # _____ SDOT # _____ PROJ. MGR. # _____ RECEIVED # _____ REVISED AS BUILT # _____		<p>ORDINANCE NO. %% PW NO. 2022-xxx SUBPROJECT ID: %% SCALE: #####</p>	2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE	PC TRC0481 CO TRC0481 VPI # XXX-XXX CH11 SHEET 75 OF 97
	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.		W NICKERSON ST		

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

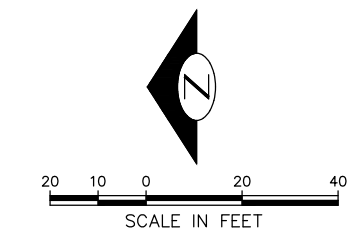


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PW#2022-xxx

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

INITIALS AND DATE	INITIALS AND DATE
DESIGNED	REVIEWED:
CHECKED	DES. #
	CONST. #
	SDOT #
	PROJ. MGR. #
DRAWN	RECEIVED #
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Seattle Department of Transportation
ORDINANCE NO. %% PW NO. 2022-xxx
SUBPROJECT ID: %%
SCALE: #####

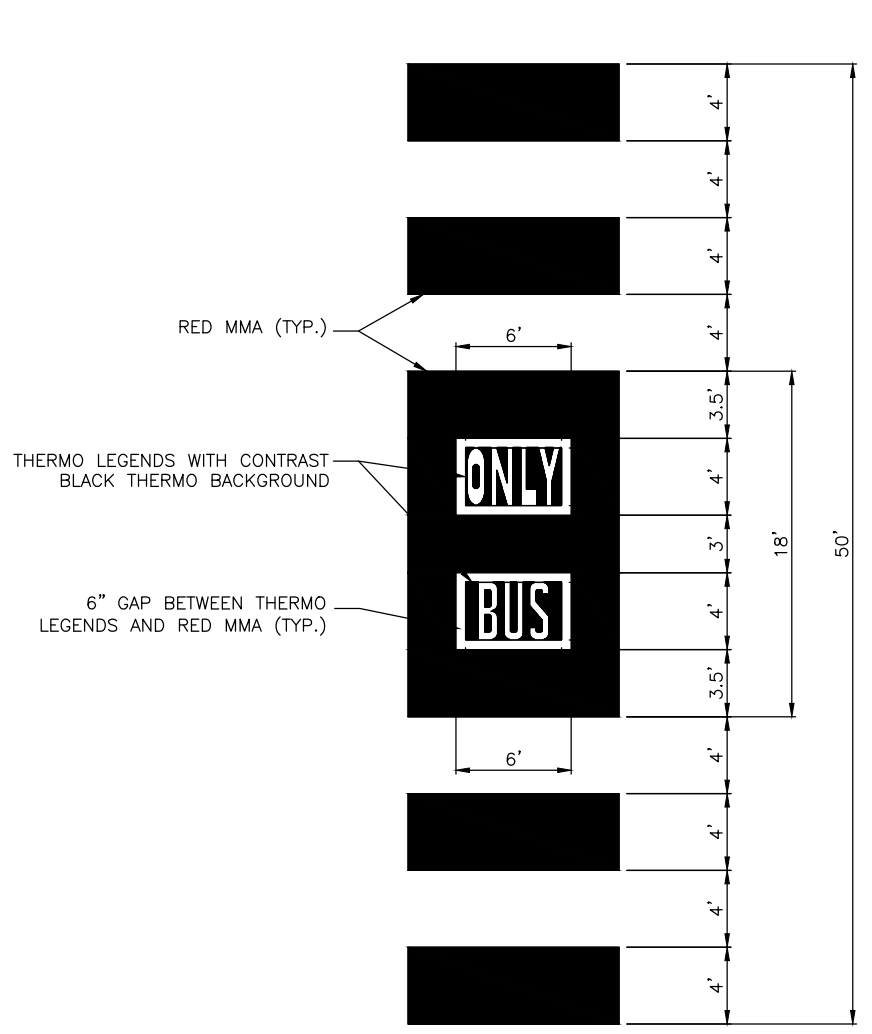
2023 AAC 15TH AVE W/NW, & BALLARD BRIDGE

PC	TRC0481
CO	TRC0481
VPI #	XXX-XXX
CH12	
SHEET 76 OF 97	

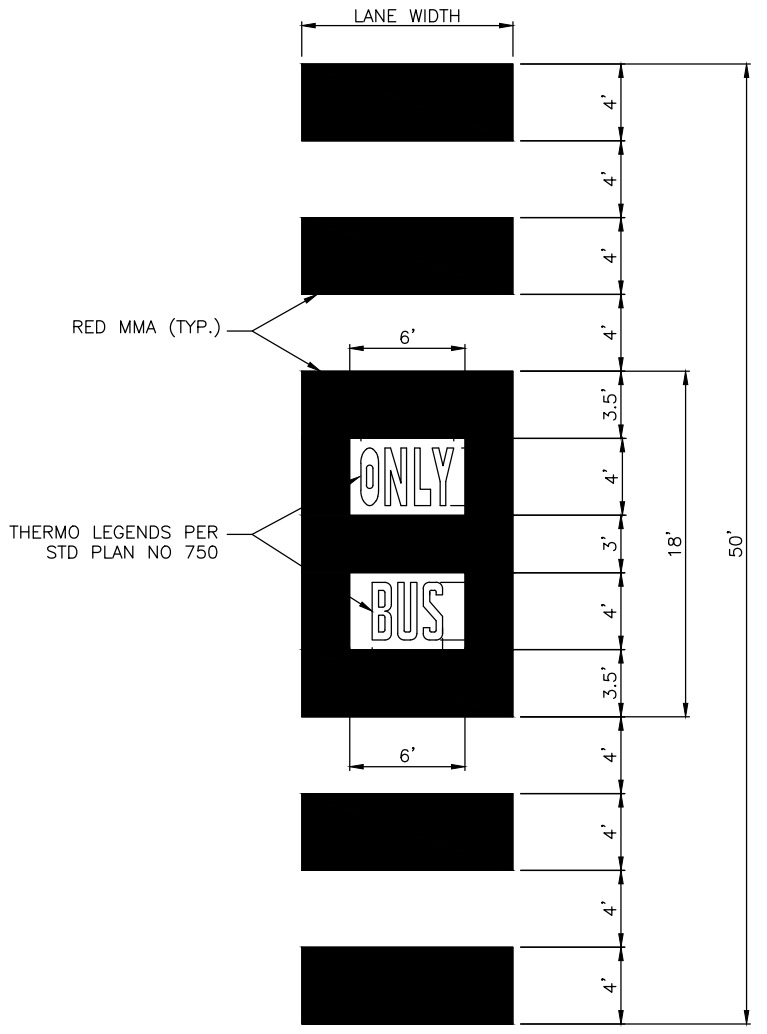
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VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D
XXXXX						
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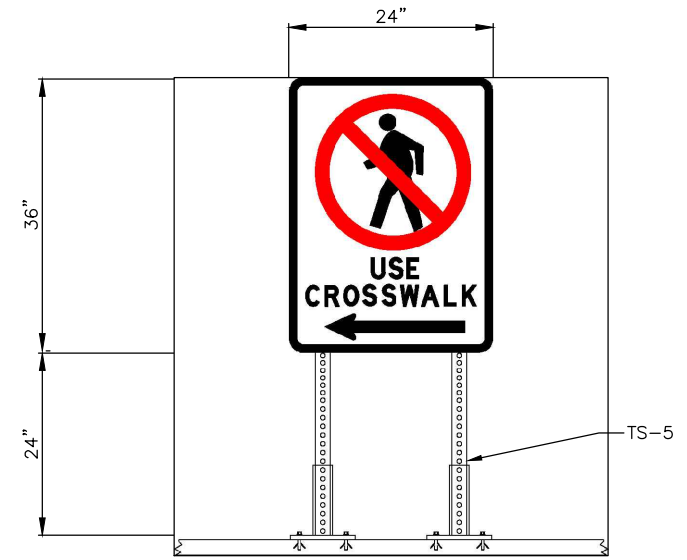


BUS LANE WITH CONCRETE PAVEMENT



BUS LANE WITH ASPHALT PAVEMENT

BUS LANE STRIPING LAYOUT DETAIL (2)
NOT TO SCALE



NOTE: POINT ARROW TO NEAREST CROSSING

R9-3BL, R9-3BR & R9-3BLR (1)
INSTALLATION DETAIL
NOT TO SCALE

90% SUBMITTAL NOT FOR CONSTRUCTION
JANUARY 2023

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APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20		INITIALS AND DATE DESIGNED CHECKED	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.
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CHANNELIZATION AND SIGNING DETAILS

2023 AAC 15TH AVE
W/NW,
& BALLARD BRIDGE

JOB	PC TRC0481
CO	TRC0481
VPI #	XXX-XXX
CHDT1	
SHEET 77 OF 97	

SIGN SCHEDULE

SIGN CODE	SIGN TEXT/ DESCRIPTION	SIGN IMAGE	WXH	QTY
D9-2L	HOSPITAL [H] [LEFT ARROW]		24x30	
D9-2R	HOSPITAL [H] [RIGHT ARROW]		24x30	
I2-FARM	MAGNOLIA FARMERS MARKET SATURDAYS JUNE-OCT		24x36	
I6-106	WAITING PLEASE TURN OFF YOUR ENGINE IDLING POLLUTES		30x36	
M1-HU	HIGHWAY SYMBOL [I-5] [UP ARROW]		30x36	
M1-M	MULTIPLE HIGHWAY SYMBOL [ARROW R/L]		36x36	
M7-1R	RIGHT ARROW		12x9	
OMH-15NW01	BALLARD CANAL LOCKS GOLDEN GARDENS NEXT RIGHT		36x84	
OMH-15NW02	CANAL LOCKS GOLDEN GARDENS [45 UP RIGHT ARROW]		36x60	
OMH-15NW03	BALLARD [45 DEGREE RIGHT ARROW] LEARY WAY NW		96x42	
OMH-15NW04	HISTORIC BALLARD [LEFT ARROW]		36x30	
OMH-15NW05	HISTORIC BALLARD [RIGHT ARROW]		x30	
OMH-15NW06	LEARY WAY NW EXIT ONLY [DOWN ARROW]		60x48	
OMH-15NW07	FISHERMAN'S TERMINAL CITY CENTER [DOWN ARROW][DOWN ARROW]		96x48	
OMH-15NW08	DAYBREAK STAR INDIAN CULTURAL CENTER NEXT RIGHT		30x48	

SIGN SCHEDULE

SIGN CODE	SIGN TEXT/ DESCRIPTION	SIGN IMAGE	WXH	QTY
OMH-15NW09	PORT OF SEATTLE FISHERMEN'S TERMINAL AND MEMORIAL [RIGHT ARROW]		36x42	
R1-1	STOP SIGN (RED BACK)		30x30	
R1-2	YIELD SIGN (RED BACK) TRIANGLE		36x36x36	
R2-30	SPEED LIMIT 30		30x36	
R2-35	SPEED LIMIT 35		30x36	
R3-2	[NO LEFT TURN]		24x24	
R3-5R	[45R CURVE ARROW] ONLY		30x36	
R3-5L	[45L CURVE ARROW] ONLY		30x36	
R3-5RB	[RT CRV ARROW] ONLY, EXCEPT BUSES		30x36	
R3-7RB	RIGHT LANE MUST TURN RIGHT EXCEPT BUSES		30x30	
R3-9C	BEGIN [45R CRV DW ARROW] [45L CRV ARROW]		30x30	
R3-190	RIGHT TURNS PERMITTED		30x12	
R4-9A	DO NOT CHANGE LANES ON GRATING		36x48	
R6-2R	ONE WAY [RT ARROW]		24x30	
R6-2L	ONE WAY [LT ARROW]		24x30	
R7-NP	NO PARKING		12x18	

SIGN SCHEDULE

SIGN CODE	SIGN TEXT/ DESCRIPTION	SIGN IMAGE	WXH	QTY
R7-NPL	NO PARKING [LEFT ARROW]		12x18	
R7-NPR	NO PARKING [RIGHT ARROW]		12x18	
R7-W130	NO PARKING WITHIN 30 FT		12x18	
R8-2HR	2 HR PARKING 7AM-6PM EXC SUN-HOL		12x18	
R9-3A	[RED SLASHED CIRCLE OVER PED]		24x24	
R9-3BL	[RED SLASHED CIRCLE OVER PED] USE CROSSWALK [LT ARROW]		24x36	
R9-3BR	[RED SLASHED CIRCLE OVER PED] USE CROSSWALK [RT ARROW]		24x36	
R10-18RA	RED LIGHT [SIGNAL HEAD] PHOTO ENFORCED [CAMERA] AHEAD		30x48	
R10-149	MINIMUM \$250 FINE FOR THROWING MATERIAL OFF BRIDGE		24x24	
S5-2	END SCHOOL ZONE		24x30	
W4-1R	[RT MERGE]		30x30	
W4-2R	[RT LANE ENDS]		30x30	

SIGNING LEGEND

- BUS STOP FLAG & POST BY KCM
 - MP METAL POST
 - RW SLEEVE RED AND WHITE SLEEVE PER STD PLAN 620
 - 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
 - TS-12 12-FOOT SIGN POST PER STD PLAN NO 625
 - 3"RD 3 INCH DIAMETER ROUND POLE
-
- INSTALL
 - REMOVE
 - RELOCATE / MAINTAIN

90% SUBMITTAL NOT FOR CONSTRUCTION
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Seattle Department of Transportation
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**2023 AAC 15TH AVE
W/NW,
& BALLARD BRIDGE**

PC	TRC0481
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CHDT2	
SHEET 78 OF 97	

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

TRAFFIC SIGNAL NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

- CONTRACTOR SHALL MAINTAIN EXISTING SIGNAL OPERATION DURING CONSTRUCTION AND PROVIDE TEMPORARY SIGNAL MODIFICATIONS WHEN NEEDED AND APPROVED BY THE ENGINEER.
- ANY SIGNAL ITEMS INCLUDING, BUT NOT LIMITED TO, SIGNAL HEADS, POLE FOUNDATIONS, PEDESTALS, DETECTOR LOOPS, CONDUITS, HANDHOLES, AND ASSOCIATED SPAN WIRES AND CABLES THAT ARE DAMAGED OR DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. REF TO SECT 1-07.13(1)
- ACCESS TO CONTROLLER CABINETS AND ASSOCIATED SIGNAL EQUIPMENT MUST BE AVAILABLE AT ALL TIMES. SPACE MUST BE PROVIDED FOR DOOR SWING.
- FINAL POLE AND CABINET LOCATIONS SHALL BE FIELD VERIFIED BY THE ENGINEER PRIOR TO EXCAVATION.
- CONTRACTOR SHALL INVESTIGATE FOR UNDERGROUND UTILITIES PRIOR TO ANY FOUNDATION EXCAVATION OR CONDUIT TRENCHING TO AVOID DAMAGE TO ANY UNDERGROUND UTILITIES (INCLUDING SIDE SEWERS). ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO ANY CONSTRUCTION WORK.
- CONTRACTOR SHALL VERIFY THE CAPACITIES OF ALL EXISTING CONDUITS DESIGNATED FOR USE ON THIS PROJECT. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO ANY CONSTRUCTION WORK.
- CONTRACTOR SHALL COORDINATE WITH SCL/SDOT/SDCI INSPECTORS AT THE START OF CONSTRUCTION FOR INSPECTION REQUIREMENTS AT VARIOUS STAGES OF CONSTRUCTION.
- ANY EXCAVATION IN PROXIMITY TO AN EXISTING POLE OR DOWN GUY MUST BE DONE WITHOUT UNDERMINING THEIR STABILITY. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SUPPORT WHICH MAY BE REQUIRED TO STABILIZE THE POLE. IF EXCAVATION IS DONE WITHIN FIVE FEET (5') OF ANY STREET LIGHT POLE, THE CONTRACTOR MUST PROVIDE TEMPORARY SUPPORT TO BE APPROVED BY THE INSPECTOR.
- NO STREET LIGHTS MAY BE DISCONNECTED WITHOUT APPROVAL. SEE SECTION 2-02.3(3)L.
- CONTRACTOR SHALL CONTACT SDOT TRAFFIC SIGNAL OPERATIONS WHEN TRAFFIC SIGNAL SYSTEM OR TRAFFIC DETECTOR LOOPS MAY BE IMPACTED BY CONSTRUCTION. ADVANCE NOTIFICATION IS REQUIRED. SEE SECTION 1-07.28 SIGNALIZED INTERSECTION.
- CONTRACTOR SHALL ENSURE THAT ALL AERIAL INSTALLATIONS MEET OVERHEAD UTILITY LINES CLEARANCE REQUIREMENTS.
- COORDINATE ALL ENERGIZING AND DE-ENERGIZING OF STREETLIGHT POLES AND STREETLIGHT CONDUCTORS WITH THE SCL ELECTRICAL SERVICE REPRESENTATIVE A MINIMUM OF TEN (10) WORKING DAYS IN ADVANCE.
- ALL WORK NECESSARY TO ADJUST, RELOCATE, REPAIR OR CONSTRUCT ANY PART OF THE SIGNAL UTILITY SHALL BE AT THE CONTRACTOR'S EXPENSE. THIS WORK IS TO BE PERFORMED BY A QUALIFIED SIGNAL CONTRACTOR OR SDOT CREWS.
- IF A CONTROLLER CABINET, HANDHOLE, CONDUIT, POLE, OR PEDESTAL IS TO BE RELOCATED IN A WAY THAT WILL TRIGGER THE NEED TO LENGTHEN THE CABLE RUNS, NEW CABLES SHALL BE INSTALLED FOR THE ENTIRE LENGTH PER CURRENT SDOT STANDARDS. NO SPLICING SHALL BE ALLOWED.
- ALL POLE INSTALLATIONS SHALL BE INSPECTED AT SEVERAL STAGES; INCLUDING BUT NOT LIMITED TO FOUNDATION EXCAVATION, BOLT, REBAR AND CONDUIT INSTALLATIONS, POLE SET FOR PROPER RAKE, LUMINAIRE INSTALLATIONS, WIRING, GROUNDING AND BONDING.
- PRIOR TO CURB INSTALLATION, SIDEWALK INSTALLATION, STREET PAVING, OR TREE INSTALLATION ALL CONDUITS, EXISTING AND NEWLY INSTALLED, MUST BE INSPECTED FOR CONTINUITY. PULL STRINGS SHALL BE PRESENT IN ALL NEW CONDUITS. EXISTING CONDUIT MUST BE ACCOUNTED FOR, BE CLEAR OF DEBRIS, EXTEND ABOVE THE BOTTOM OR TERMINATE IN THE SIDE OF THE HANDHOLE, AND HAVE MOVEMENT IN THE CABLES OR HAVE A PULL STRING AVAILABLE TO SHOW MOVEMENT. ALL CONDUITS THAT ARE ABANDONED SHALL BE LABELED SUCH IN EACH ACCESS THEY PASS THROUGH.
- IF PLAN REQUIRES NEW STEEL STRAIN POLES AND/OR MAST ARM POLES TO BE INSTALLED, PLEASE NOTE; SIGNAL POLES CAN TAKE 4 TO 6 MONTHS OF LEAD TIME TO ACQUIRE. PLEASE ORDER POLES AT THE EARLIEST POSSIBLE DATE. SHOP DRAWINGS AND DETAILS SHALL BE REVIEWED BY THE SIGNAL DESIGN ENGINEER.

LEGEND

(SEE SDOT STD PLANS FOR TYPICAL SYMBOLS)

EXISTING	PROPOSED	
		SERVICE CABINET
		FISH-EYE VIDEO DETECTION CAMERA
		DIRECTIONAL VIDEO DETECTION CAMERA
		VIDEO DETECTION ZONE

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED PER CITY OF SEATTLE STD PLANS, STD SPECIFICATION, AND PROJECT MANUAL.
- ALL WORK SHALL BE PERFORMED WITHIN RIGHT-OF-WAY.
- OVERHEAD ELECTRICAL LINES ARE NOT SHOWN ON ALL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXTENT OF ANY HAZARD CREATED BY OVERHEAD POWER. THE CONTRACTOR SHALL MEET UTILITY OWNERS PRIOR TO CONSTRUCTION AND SHALL UNDERTAKE ALL NECESSARY PRECAUTIONS REQUIRED BY THE LAW AND REGULATIONS, UTILITY OWNERS OR SAFE CONSTRUCTION PRACTICES.
- ENSURE VEHICLE SIGNAL HEAD MINIMUM 17' CLEARANCE (18' ON TRUCK, TROLLEY ROUTES) THROUGH ADJUSTMENT OF SPAN WIRE VERTICAL ATTACHMENT POINT TO STRAIN POLE AS NECESSARY.

**90% SUBMITTAL NOT FOR CONSTRUCTION
JANUARY 2023**

PW#2022-xxx

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

INITIALS AND DATE	
DESIGNED CHECKED	REVIEWED: DES. CONST. SDOT PROJ. MGR.
DRAWN SK CHECKED JSC	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. 2022-xxx
SCALE: NONE

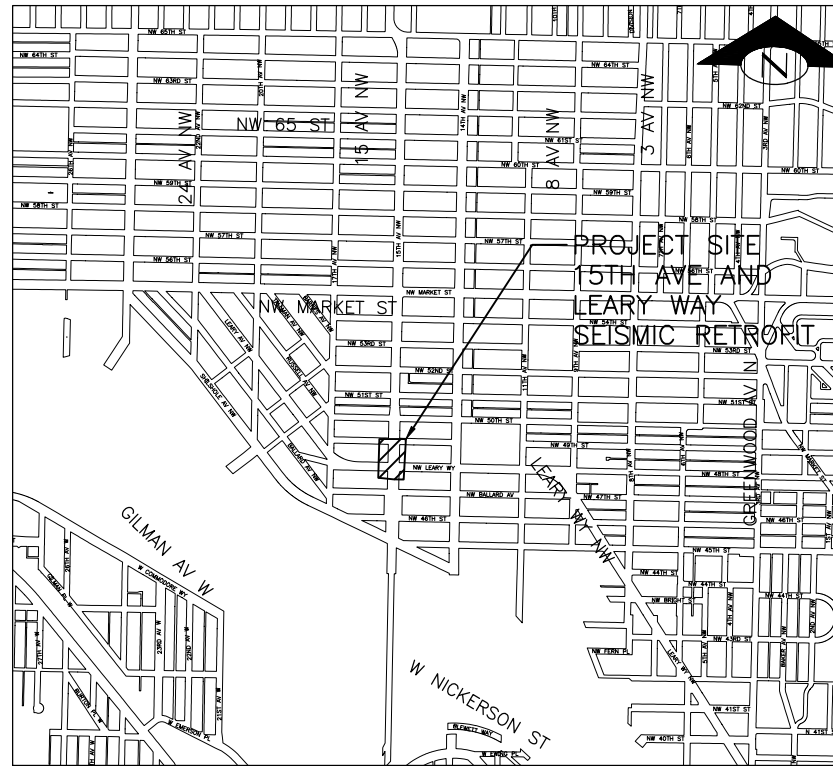
CHANNELIZATION AND SIGNING DETAILS

**2023 AAC 15TH AVE
W/NW,
& BALLARD BRIDGE**

JOB	PC TRC0481 CO TRC0481
VPI #	XXX-XXX
CHDT3	
SHEET 79 OF 97	

SHEET INDEX

SHEET	DRAWING	SHEET DESCRIPTION
80	G-001	VICINITY MAP, NOTES & SHEET INDEX
81	G-002	GENERAL NOTES
82	C-101	SITE PREPARATION PLAN
83	C-102	TRAFFIC CONTROL PLAN
84	C-103	TRAFFIC CONTROL PLAN 1
85	C-104	TRAFFIC CONTROL PLAN 2
86	C-105	TRAFFIC CONTROL PLAN 3
87	C-106	RESTORATION PLAN
89	C-107	RESTORATION DETAILS
89	S-101	EXISTING PLAN & ELEVATION
90	S-102	RETROFIT KEY PLAN
91	S-103	CAP BEAM RETROFIT DETAILS 1
92	S-104	CAP BEAM RETROFIT DETAILS 2
93	S-105	CAP BEAM RETROFIT DETAILS 3
94	S-106	FOOTING AND COLUMN RETROFIT DETAILS
95	S-107	ABUTMENT RETROFIT DETAILS
96	S-108	PERMANENT GROUND ANCHOR DETAILS
97	S-109	JOINT REPLACEMENT DETAILS

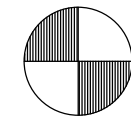
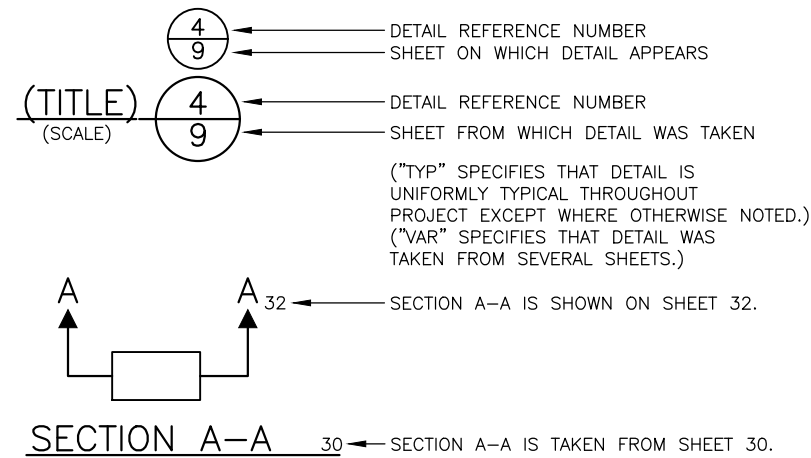


PROJECT LOCATION MAP
N.T.S

LEGEND

	EXISTING CONCRETE
	NEW CONCRETE
	EXISTING REINFORCEMENT
	NEW REINFORCEMENT
	LIMITS OF REMOVAL

DETAIL AND SECTION REFERENCING



H: NAD 83-2011
V: NAVD 88

CITY DATUM/NAVD88 DIFFERENCE:
THE CITY OF SEATTLE DATUM IS
9.7 FEET LOWER THAN NAVD-88

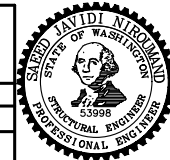
VICINITY MAP
N.T.S

90% SUBMITTAL (NOT FOR CONSTRUCTION)

VICINITY MAP, NOTES & SHEET INDEX

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

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED S. JAVIDI	CHECKED H. CLAYVILLE	REVIEWED: DES. SDOT	CONST. PROJ. MGR.
DRAWN M. TUMANOV		RECEIVED	
CHECKED S. JAVIDI		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 G-02.3 OF THE PROJECT MANUAL.			



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

<p>15TH AVE AND LEARY WAY SEISMIC RETROFIT</p>	PC
	CO
	VPI #
<p>G-001</p>	
<p>SHEET 80 OF 97</p>	

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD REV'D

GENERAL NOTES

- ALL MATERIALS AND WORKMANSHIP MUST BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF SEATTLE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION DATED 2020.
- FOR REQUIREMENTS REGARDING THE PROTECTION AND RESTORATION OF PUBLIC AND PRIVATE PROPERTY SEE SECTIONS 1-07.16 & 1-07.17.
- THE CONTRACTOR MUST NOTIFY THE UTILITIES FOR UNDERGROUND UTILITY LOCATIONS BEFORE COMMENCEMENT OF ANY EXCAVATION. ADVANCE NOTIFICATION IS REQUIRED. SEE SECTION 1-07.28.
- ALL DIMENSIONS SHOWN FOR EXISTING CONDITIONS HAVE BEEN TAKEN FROM RECORD AS-BUILT DRAWINGS AND TO BE CONFIRMED ON SITE BY THE CONTRACTOR PRIOR TO FABRICATION OR CONSTRUCTION. AS-BUILT PLANS AND SHOP DRAWINGS VAULT NUMBERS ARE 782-95-6 THROUGH 19, 782-186-1, 5 THROUGH 8, AND 870-13-1, 5 THROUGH 6.
- THE CONTRACTOR MUST VERIFY ALL NECESSARY DIMENSIONS IN THE FIELD PRIOR TO THE ORDERING AFFECTED MATERIAL, PRODUCTION SHOP OR TEMPORARY CONSTRUCTION DRAWINGS OR FABRICATING AFFECTED COMPONENTS.
- CONSTRUCTION STAGING AND LOADS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL PLAN DIMENSIONS ARE MEASURED HORIZONTALLY (LEVEL) OR VERTICALLY (PLUMB).
- THE CONTRACTOR MUST BE SOLELY BE RESPONSIBLE FOR ALL MEANS AND METHODS, SAFETY PRECAUTIONS, AND CONSTRUCTION PROCEDURES NECESSARY TO PERFORM THE WORK.
- DO NOT SCALE DRAWINGS. FOLLOW DIMENSIONS.
- THE CONTRACTOR MUST BE SOLELY RESPONSIBLE FOR ALL MEANS AND METHODS, SAFETY PRECAUTIONS, AND CONSTRUCTION PROCEDURES NECESSARY TO PERFORM THE WORK.
- THE CONTRACTOR MUST BE RESPONSIBLE FOR MAINTAINING THE STABILITY OF THE STRUCTURE AND FOR ENSURING THAT NO PORTION OF THE STRUCTURE IS OVERSTRESSED AS A RESULT OF CONSTRUCTION ACTIVITIES.

GENERAL STRUCTURAL NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE STABILITY OF THE STRUCTURE AND FOR ENSURING THAT NO PORTION OF THE STRUCTURE IS OVERSTRESSED AS A RESULT OF CONSTRUCTION ACTIVITIES.
- CONTRACTOR MUST LOCATE EXISTING STEEL REINFORCING USING NON-DESTRUCTIVE METHODS TO AVOID DAMAGE. THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY IF ANY EXISTING REBAR IN ENCOUNTERED OR ARE IN CONFLICT WITH THE WORK DETAILED AND MUST OBTAIN APPROVAL FROM THE ENGINEER BEFORE CONTINUING WITH THE WORK.

PERMANENT GROUND ANCHORS

- ALL STRUCTURAL STEEL THREADBARS MUST BE #4 AND BE HOT-ROLLED THREADBARS CONFORMING TO ASTM A615. UNLESS OTHERWISE SHOWN IN THE PLANS THE THREADBAR MATERIAL PROPERTIES MUST BE THE FOLLOWING OR GREATER:

GRADE:	100 KSI
AREA:	AS = 2.25 IN ²
MIN ULTIMATE STRENGTH:	PU = 295 KIPS
MIN YIELD STRENGTH:	PY = 225 KIPS
E-MODULUS:	E = 29,000 KSI
HEXNUT LENGTH:	H = 4.5 IN

- THE ASSUMED DESIGN LOADS FOR THE SOIL ANCHORS ARE THE FOLLOWING:
EXTREME LIMIT STATE MAX APPLIED LOAD: 215 KIP (TENSION)

STRUCTURAL STEEL

- STRUCTURAL STEEL MUST CONFORM TO AASHTO M270 GRADE 36 OR ASTM A36. SEE PROJECT MANUAL.
- GALVINIZING STEEL MEMBERS MUST CONFORM TO AASHTO M111 OR ASTM 123.
- SHEAR CONNECTORS MUST CONFORM TO AASHTO M169, GRADES 1010 THRU 1020.
- WELDS MUST CONFORM TO THE REQUIREMENTS OF AWS D1.1M/1.1, LATEST EDITION. FIELD WELDS MUST BE PERFORMED USING THE APPROPRIATE PROCESSES AND ELECTRODES.
- ALL EMBEDDED BEARING PLATES SHALL BE HOT-DIP GALVANIZED.

SEISMIC RETROFIT DESIGN DISCLOSURE

THE INTENT OF SEISMIC RETROFIT CONSTRUCTION, AS DEPICTED ON THESE DRAWINGS, IS TO IMPROVE THE SEISMIC RESISTANCE OF THE BRIDGE STRUCTURE; HOWEVER THIS CONSTRUCTION IS LIMITED AND DOES NOT ALLEVIATE ALL POST-RETROFIT SEISMIC VULNERABILITIES OF THE BRIDGE STRUCTURE TO THE EFFECTS OF A 1000 YEAR DESIGN LEVEL EARTHQUAKE EVENT.

GENERAL STRUCTURAL NOTES CONT. CONCRETE AND REINFORCEMENT STEEL

- PROVIDE THE FOLLOWING CONCRETE CLASS AS FOLLOWS:
ALL OTHER CONCRETE: CLASS 4000
- ALL REINFORCEMENT BAR MUST CONFORM TO ASTM A706, GRADE 60, UNLESS OTHERWISE NOTED.
- HOOKS ON REINFORCING STEEL MUST BE CRSI STANDARD HOOKS, UNLESS NOTED OTHERWISE.
- MECHANICAL COUPLERS IN REINFORCING MUST DEVELOP (IN TENSION OR COMPRESSION) AT LEAST 125% OF THE SPECIFIED YIELD STRENGTH OF THE BAR. SPLICES TO SATISFY FATIGUE REQUIREMENTS FOR SPLICED BAR.
- ADHESIVES FOR ANCHORING REINFORCING BAR INTO EXISTING CONCRETE MUST BE LIMITED TO HILTI HIT-HY 200 SYSTEM, SIMPSON STRONG TIE AT-XP, OR APPROVED EQUAL.
- ALL EXISTING CONCRETE SURFACES TO RECEIVE NEW CONCRETE MUST BE ROUGHENED TO MINIMUM OF 0.25 INCH AMPLITUDE.
- ALL DIMENSIONS TO REINFORCING BARS ON THE DRAWINGS ARE TO THE CENTERLINE OF BARS, UNLESS OTHERWISE NOTED.
- REINFORCING BARS SHOWN IN PLANS ARE SHOWN NOT TO SCALE FOR CLARITY.
- THE CONTRACTOR MUST AVOID DAMAGE TO EXISTING BRIDGE REINFORCING STEEL WHILE INSTALLING POST INSTALLED ANCHORS. PRIOR TO DRILLING HOLES IN CONCRETE, THE CONTRACTOR MUST LOCATE ALL REINFORCING STEEL AND ADJUST LOCATION OF HOLES TO CLEAR THE EXISTING BARS. FINAL HOLE LOCATIONS ARE SUBJECT TO APPROVAL OF THE ENGINEER.
- UNLESS OTHERWISE SHOWN ON THE PLANS, THE CONCRETE COVER MEASURED FROM THE FACE OF CONCRETE TO THE FACE OF ANY REINFORCING STEEL MUST BE 2 1/2" AT THE TOP OF SLAB, 1" AT THE BOTTOM OF SLAB, 3" AT SURFACES DEPOSITED AGAINST EARTH, AND 1 1/2" AT ALL OTHER LOCATIONS.
- UNLESS OTHERWISE NOTED IN THE PLANS, ALL EXTERIOR CORNERS AND EDGES MUST HAVE A 3/4" CHAMFER AND ALL INTERIOR CORNERS MUST HAVE A 3/4" FILLET.
- CONTRACTOR MUST LOCATE EXISTING STEEL REINFORCING USING NONDESTRUCTIVE METHODS TO AVOID DAMAGE. THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY IF ANY EXISTING REBAR IS ENCOUNTERED OR ARE IN CONFLICT WITH THE WORK DETAILED AND SHALL OBTAIN APPROVAL FROM THE ENGINEER BEFORE CONTINUING WITH THE WORK.
- CONTRACTOR MUST LOCATE HOLES FOR DOWEL BARS AND ANCHOR RODS TO AVOID DAMAGE TO EXISTING REINFORCING BARS.

SEISMIC DESIGN NOTES

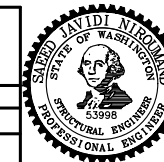
- DESIGN IS IN ACCORDANCE WITH:
 - SDOT - BRIDGE SEISMIC RETROFIT PHILOSOPHY, POLICES AND CRITERIA, REVISION 1 - DECEMBER 2015 (BSRPPC)
 - FHWA SEISMIC RETROFITTING MANUAL FOR HIGHWAY STRUCTURES - PART 1 - BRIDGE, 2006, WITH 2015 INTERIM
 - AASHTO GUIDE SPECIFICATIONS FOR LRFD SEISMIC BRIDGE DESIGN, 2ND EDITION 2011
 - WSDOT BRIDGE DESIGN MANUAL, M23-50.21, JUNE 2022
 - WSDOT GEOTECHNICAL DESIGN MANUAL, FEB. 2022
 - AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION 2020
- THE RETROFIT MEASURES CONTAINED IN THE CONSTRUCTION DOCUMENTS HAVE BEEN DESIGN TO THE FOLLOWING EARTHQUAKE HAZARD AND PERFORMANCE LEVELS* PER FHWA SEISMIC RETROFITTING MANUAL:
 - 100 YEAR RETURN PERIOD - PL3 - OPERATIONAL PERFORMANCE
 - 1000 YEAR RETURN PERIOD - PL1 - RETROFIT DESIGN - LIFE SAFETY PROTECTION
 * FINAL PERFORMANCE HAS SOME DEVIATIONS FROM BSRP - SEE PROJECT DEFINITION REPORT FOR DETAILS
- DESIGN LOADS ARE SUMMARIZED BELOW AND ARE IN ACCORDANCE TO THE SEISMIC CRITERIA
 - DEAD LOADS: SELF-WEIGHT OF ALL BRIDGE COMPONENTS, WITH UNIT WEIGHTS PER AS-BUILT PLANS AND SHOP DRAWINGS.
 - SEISMIC DESIGN PARAMETERS:

SITE CLASS C	
1000 Year Return Period	
•	PGA - 0.414g
•	Ss - 0.944g
•	S1 - 0.275g
•	As - 0.497g
•	Sps - 1.132g
•	Sd1 - 0.413g
100-Year Return Period	
•	PGA - 0.1281g
•	Ss - 0.2916g
•	S1 - 0.0715g
•	As - 0.163g
•	Sps - 0.379g
•	Sd1 - 0.107g

90% SUBMITTAL (NOT FOR CONSTRUCTION)

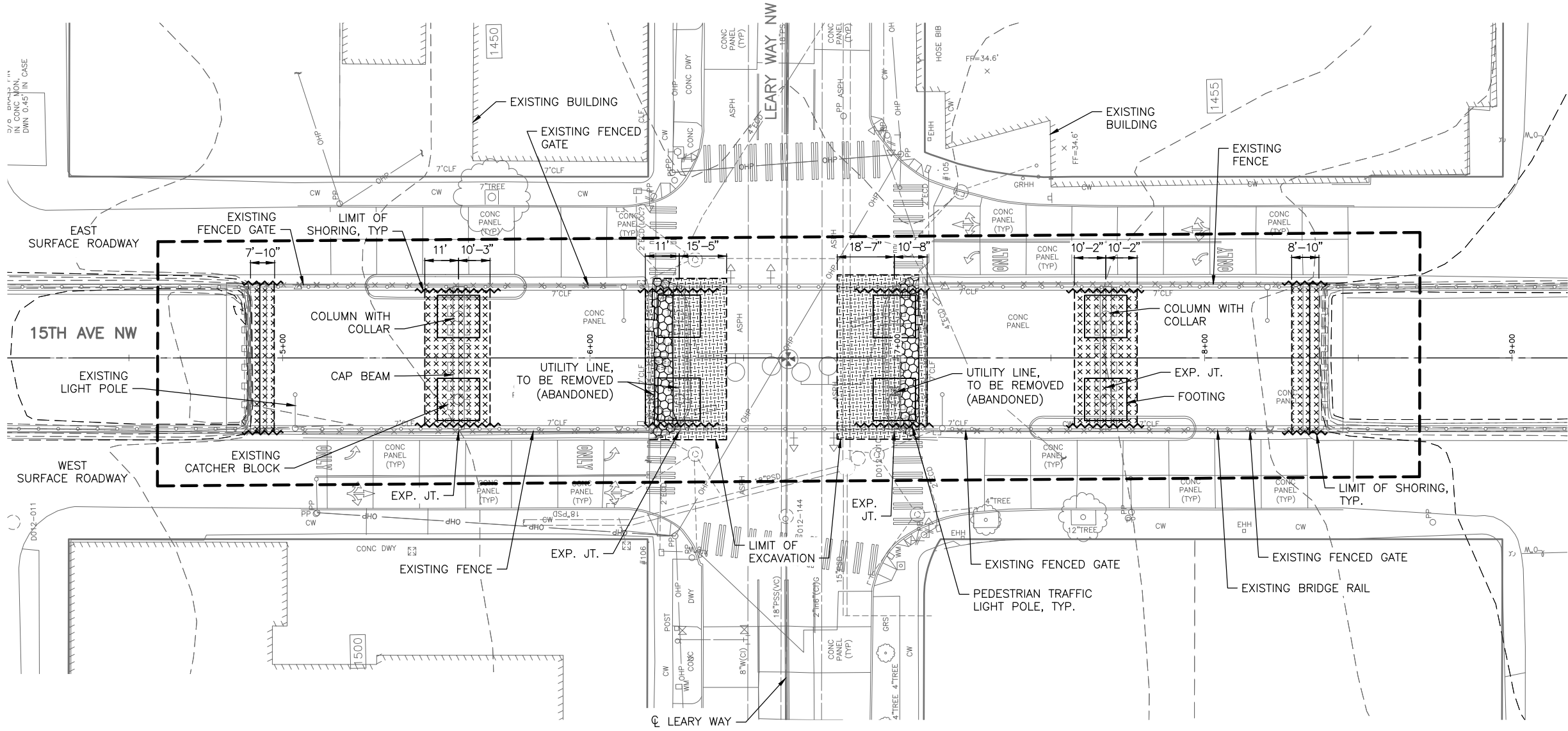
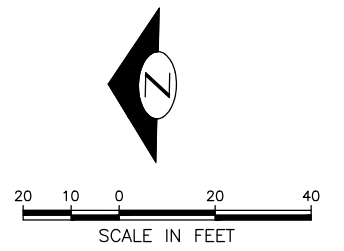
GENERAL NOTES

APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED S. JAVIDI CHECKED H. CLAYVILLE DRAWN M. TUMANOV CHECKED S. JAVIDI BY: PURCHASING AND CONTRACTING DIRECTOR	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 G-02.3 OF THE PROJECT MANUAL.
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15TH AVE AND LEARY WAY
SEISMIC RETROFIT

PC	
CO	
VPI #	
G-002	
SHEET	81 OF 97



PLAN
SCALE: 1"=20'-0"

NOTES:

1. WORK ZONE MUST BE FENCED WITHIN BRIDGE FOOTPRINT AND CLOSURE AREA.
2. PATHS OPEN TO PEDESTRIAN USE MUST BE PROTECTED FROM FALLING DEBRIS.
3. CONTRACTOR TO MAINTAIN PEDESTRIAN ACCESS DURING SIDEWALK DEMOLITION/RECONSTRUCTION. ACCESS MUST PROVIDE SIMILAR WIDTH AND MEETING ADA REQUIREMENTS.
4. CONTRACTOR CAN EXTEND THE EXCAVATION LIMIT FOR PGA INSTALLATION, IF NEEDED.
5. WITHIN THE LIMITS OF EXCAVATION FOR MIDDLE BENTS FOOTINGS, REPLACE SIDEWALK AND ROADWAY CEMENT CONCRETE PER STANDARD PLAN.
6. THE CHAIN LINK FENCE HAS ACCESS GATES AT THE LOCATIONS SHOWN IN THE PLANS. CONTRACTOR CAN REMOVE PARTIAL SEGMENTS OF THE CHAIN LINK FENCE FOR ADDITIONAL ACCESS, IF NEEDED. THE CHAIN LINK FENCE POST CAN BE CUT AND WELDED BACK TO ORIGINAL POST BASE. CUT SEGMENTS MUST BE GRINDED TO HAVE A SMOOTH SURFACE AND SHALL BE FIELD GALVANIZED TO MATCH WITH THE ORIGINAL CHAIN LINK FENCE COLOR.
7. REMOVE AND TEMPORARILY RELOCATE UTILITIES AND REPLACE TO ORIGINAL CONDITION/LOCATION AFTER CONSTRUCTION. ABANDONED UTILITIES MUST BE PERMANENTLY REMOVED WITHIN AFFECTED AREA.
8. PEDESTRIAN PUSH BUTTON POST AND ITS FOUNDATION CAN BE REMOVED DURING CONSTRUCTION AND MUST BE RESTORED PER SHEET C-106.

REMOVAL AND DEMOLITION LEGEND:

- LIMITS OF RETROFIT WORK ZONE
- SAW CUT FULL DEPTH (LIMIT OF EXCAVATION)
- LIMIT OF SHORING
- PAVEMENT AND CURB REMOVAL
- REMOVE CEMENT CONCRETE SIDEWALK
- REMOVE CONCRETE PAVEMENT

90% SUBMITTAL (NOT FOR CONSTRUCTION)

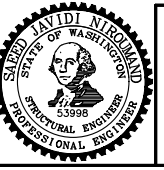
SITE PREPARATION PLAN

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

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED S. JAVIDI	CHECKED H. CLAYVILLE	REVIEWED: DES. SDOT	CONST. PROJ. MGR.
DRAWN M. TUMANOV		RECEIVED	
CHECKED S. JAVIDI		REVISED AS BUILT	

BY: PURCHASING AND CONTRACTING DIRECTOR

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Seattle Department of Transportation

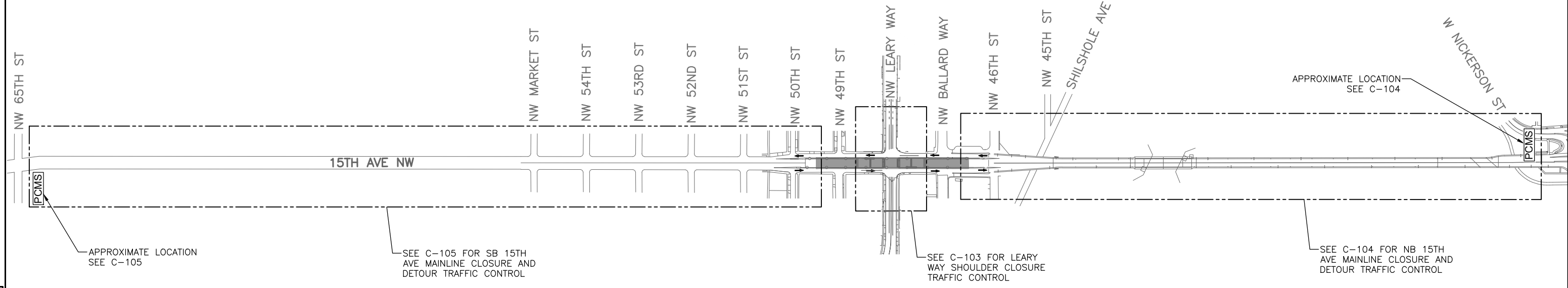
ORDINANCE NO. PW NO.
FUND: SCALE: 1"=20'

15TH AVE AND LEARY WAY SEISMIC RETROFIT

PC	CO
VPI #	
C-101	
SHEET 82 OF 97	

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D

P:\SDOT\CPA\TRC0481_2022_AAC 15th Ave NW\C-Correspondence\Incoming\VANESSA\Sheets\3 C-101.dwg
 Jan-31-23 2:48pm



NOTES:

1. THESE TRAFFIC CONTROL PLANS SHOW ONE POSSIBLE SEQUENCE OF CONSTRUCTION. THE CONTRACTOR MUST SUBMIT PROJECT SPECIFIC TRAFFIC CONTROL PLANS REFLECTING THEIR PROPOSED CONSTRUCTION SEQUENCE. IF IT DIFFERS FROM THE TRAFFIC CONTROL PLANS PROVIDED IN THE CONTRACT DOCUMENTS.
2. NB AND SB 15TH AVE MAINLINE CLOSURE ARE ASSUMED TO OCCUR CONCURRENTLY FOR TOTAL BRIDGE CLOSURE.



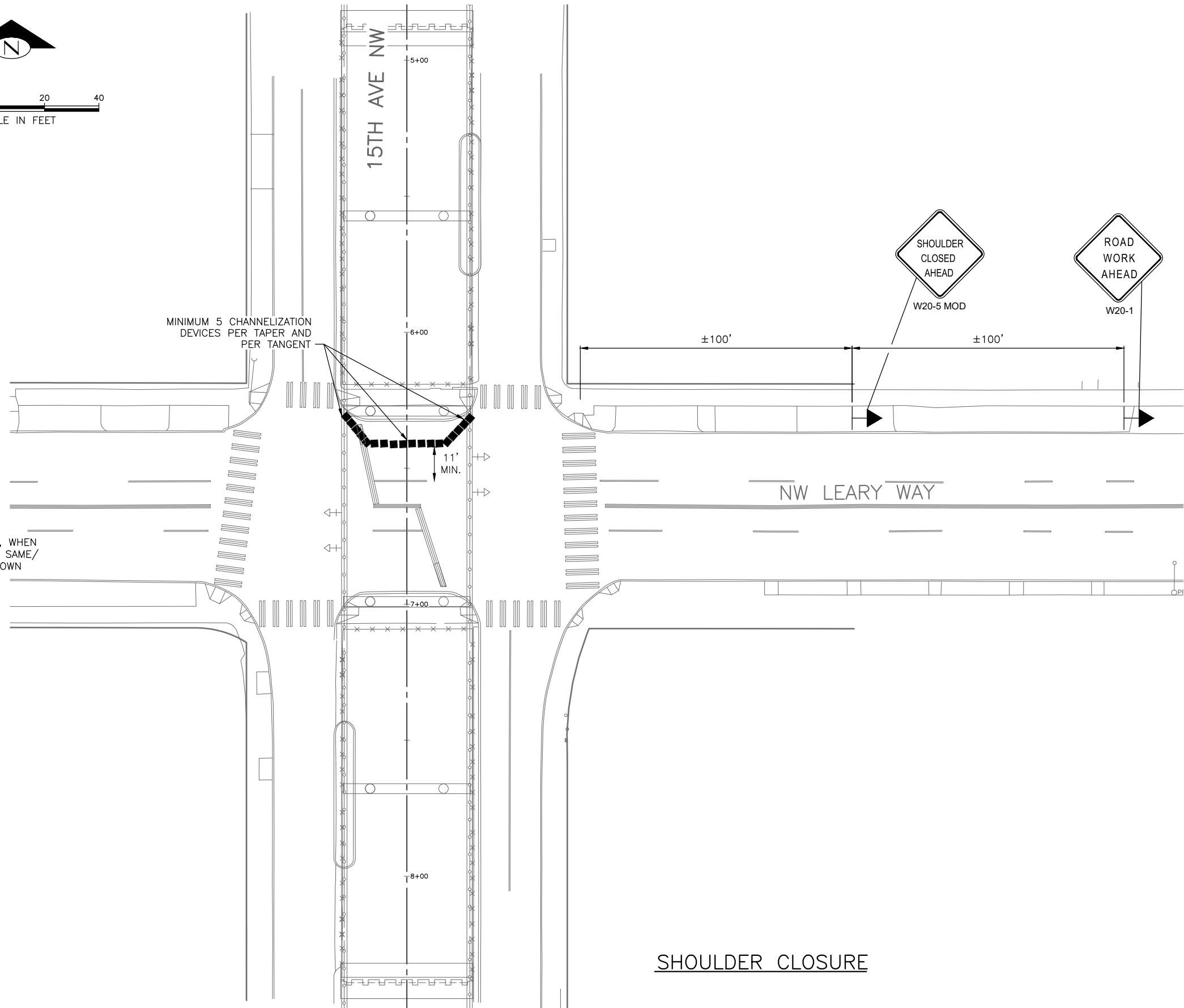
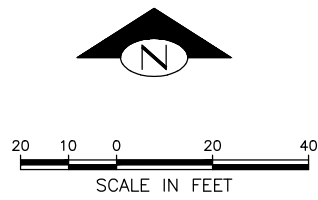
VAULT SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D

90% SUBMITTAL (NOT FOR CONSTRUCTION)

TRAFFIC CONTROL PLAN

APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20 BY: PURCHASING AND CONTRACTING DIRECTOR	INITIALS AND DATE DESIGNED T. ZOBELL CHECKED S. JAVIDI	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR. RECEIVED REVISED AS BUILT			15TH AVE AND LEARY WAY SEISMIC RETROFIT	PC CO
	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.					ORDINANCE NO. FW NO. FUND: SCALE: 1"=250'
SHEET 83 OF 97						

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 Jan-31-23 2:48pm



NOTES:

1. CONSTRUCTION WORK REQUIRING TRAFFIC CONTROL MUST NOT BE CONDUCTED FROM 3:00 PM TO 6:00 PM AND MAY BE REQUIRED TO OCCUR DURING NIGHT-TIME (AFTER 7:00 PM AND BEFORE 5:00 AM) WEEKDAYS OR ON WEEKENDS, TO BE DETERMINED BY SDOT TRAFFIC MANAGEMENT WHEN PERMITTING THE WORK.
2. TRAFFIC CONTROL DEVICES MUST CONFORM TO THE CITY OF SEATTLE TRAFFIC CONTROL MANUAL, INCLUDING REQUIREMENTS FOR NIGHT WORK. TYPE A FLASHING YELLOW WARNING LIGHTS MUST BE ATTACHED TO ALL ADVANCED WARNING SIGNS FOR NIGHT WORK.
3. ALL CONSTRUCTION SIGNS MUST BE 36"X36" UNLESS OTHERWISE SPECIFIED AND MUST BE BLACK ON ORANGE.
4. THE CONTRACTOR MUST MAINTAIN PUBLIC ACCESS FOR PEDESTRIAN AND BICYCLE TRAVEL THROUGH THE LEARY WAY/ 15TH AVE INTERSECTION AND MUST PROTECT PEDESTRIAN AND BICYCLE TRAVELERS FROM WORK ABOVE AND ADJACENT TO THE SIDEWALK.
5. THE CONTRACTOR MUST MAINTAIN 9' LANE WIDTH WITH 2' LATERAL BUFFER BETWEEN THE WORK ZONE AND ACTIVE TRAFFIC LANE.
6. THE CONTRACTOR MUST MAINTAIN ACCESS TO KING COUNTY METRO TRANSIT BUS STOPS ON THE 15TH AVE PARALLEL FRONTAGE ROADS SOUTH OF LEARY WAY.
7. THE CONTRACTOR MUST COORDINATE WITH SEATTLE FIRE DEPT AND EMERGENCY SERVICE PROVIDERS, WITH SEATTLE SCHOOL DISTRICT, KING COUNTY METRO TRANSIT AND THE US POSTAL SERVICE AT LEAST 2 WEEKS PRIOR TO ANY CHANGE IN TRAFFIC CONTROL.
8. CONTRACTOR MUST SCHEDULE WORK WITH CONSIDERATION FOR UW SPORTS EVENTS AND OTHER SPECIAL EVENT TRAFFIC INCLUDING PERMITTED EVENTS.

LEGEND:

- TEMPORARY MOUNTED TRAFFIC SIGN (ARROW DIRECTION INDICATES SIGN ORIENTATION)
- CHANNELIZATION DEVICES (TRAFFIC CONES, DELINEATOR POSTS, DRUMS, VERTICAL PANELS, ETC.)

90% SUBMITTAL (NOT FOR CONSTRUCTION)

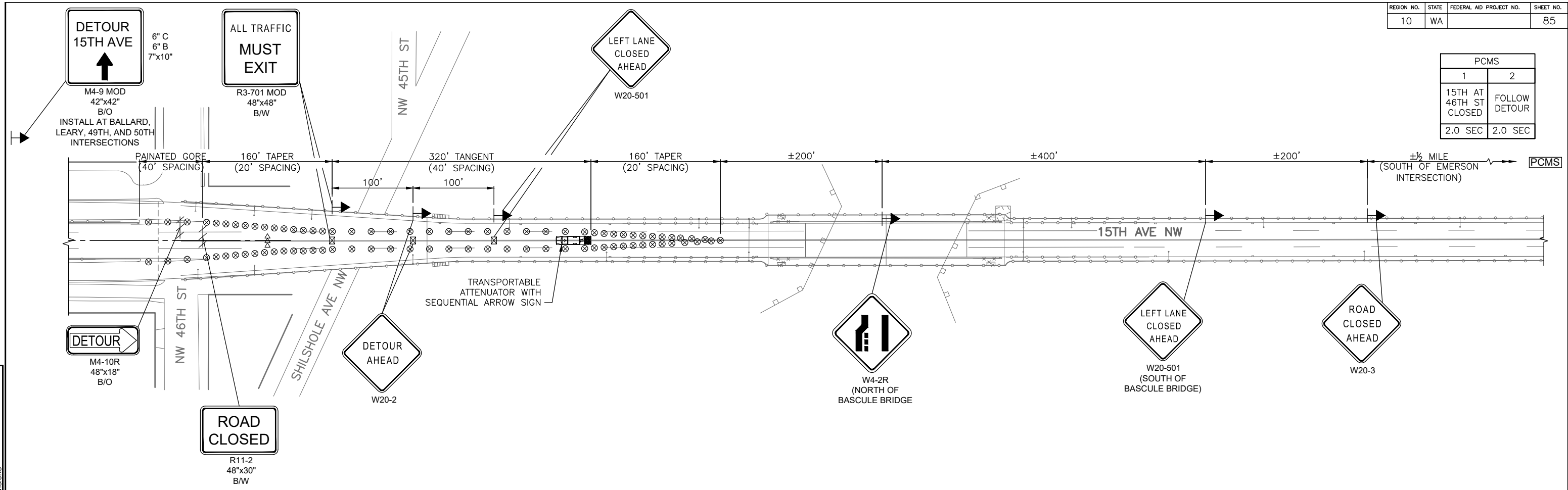
TRAFFIC CONTROL PLAN 1

<p>APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20</p> <p>BY: PURCHASING AND CONTRACTING DIRECTOR</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">INITIALS AND DATE</th> </tr> <tr> <td>DESIGNED T. ZOBELL</td> <td>REVIEWED: DES. SDOT</td> </tr> <tr> <td>CHECKED S. JAVIDI</td> <td>CONST. PROJ. MGR.</td> </tr> <tr> <th colspan="2">INITIALS AND DATE</th> </tr> <tr> <td>DRAWN M. TUMANOV</td> <td>RECEIVED</td> </tr> <tr> <td>CHECKED T. ZOBELL</td> <td>REVISED AS BUILT</td> </tr> </table> <p>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.</p>	INITIALS AND DATE		DESIGNED T. ZOBELL	REVIEWED: DES. SDOT	CHECKED S. JAVIDI	CONST. PROJ. MGR.	INITIALS AND DATE		DRAWN M. TUMANOV	RECEIVED	CHECKED T. ZOBELL	REVISED AS BUILT		<p>ORDINANCE NO. PW NO. FUND: SCALE: 1"=20'</p>	<p>15TH AVE AND LEARY WAY SEISMIC RETROFIT</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>PC</td> <td>CO</td> </tr> <tr> <td>VPI #</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">C-103</td> </tr> <tr> <td colspan="2" style="text-align: center;">SHEET 84 OF 97</td> </tr> </table>	PC	CO	VPI #		C-103		SHEET 84 OF 97	
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PC	CO																								
VPI #																									
C-103																									
SHEET 84 OF 97																									

P:\SDOT\TRC0481_2022 AC 15th Ave NW\C-Correspondence\Incoming\FROM VANESSA\Sheets\5 C-103.dwg
 Jan-31-23 2:49pm

Vault	Serial No.	Date	Mark	Nature	Made	Checked	Revised

PCMS	
1	2
15TH AT 46TH ST CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC



NOTES:

1. THIS PLAN MUST OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
2. THIS CLOSURE MUST NOT OCCUR CONCURRENTLY WITH A LEARY WAY SHOULDER CLOSURE.
3. A SIDEWALK CLOSURE ON THE BALLARD BRIDGE IS REQUIRED TO ALLOW SPACE FOR THESE SIGNS TO BE SET UP. PEDESTRIANS TO DETOUR TO THE WEST SIDEWALK.
4. THE CONTRACTOR MAY SUBMIT REVISED TRAFFIC CONTROL PLANS FOR APPROVAL BY THE CITY OF SEATTLE PRIOR TO CONSTRUCTION.
5. TRAFFIC CONTROL DEVICES MUST CONFORM TO THE CITY OF SEATTLE TRAFFIC CONTROL MANUAL, INCLUDING REQUIREMENTS FOR NIGHT WORK. TYPE A FLASHING YELLOW WARNING LIGHTS MUST BE ATTACHED TO ALL ADVANCED WARNING SIGNS FOR NIGHT WORK.
6. UNLESS OTHERWISE SHOWN, ALL TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES AND SIGNS MUST MEET THE REQUIREMENTS OF THE CITY OF SEATTLE TRAFFIC CONTROL MANUAL FOR IN-STREET WORK.
7. ALL CONSTRUCTION SIGNS MUST BE 36"x36" UNLESS OTHERWISE SPECIFIED AND MUST BE BLACK ON ORANGE.
8. THE CONTRACTOR MUST COORDINATE WITH SEATTLE FIRE DEPT AND EMERGENCY SERVICE PROVIDERS, WITH SEATTLE SCHOOL DISTRICT, KING COUNTY METRO TRANSIT AND THE US POSTAL SERVICE AT LEAST 2 WEEKS PRIOR TO ANY CHANGE IN TRAFFIC CONTROL.
9. CONTRACTOR MUST SCHEDULE WORK WITH CONSIDERATION FOR UW SPORTS EVENTS AND OTHER SPECIAL EVENT TRAFFIC INCLUDING PERMITTED EVENTS.

LEGEND:

- SIGN LOCATION - TEMPORARY
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- TRANSPORTATION ATTENUATOR
- SEQUENTIAL ARROW SIGN - TYPE C

NB 15TH AVE MAINLINE ROADWAY CLOSURE AT 46TH ST.

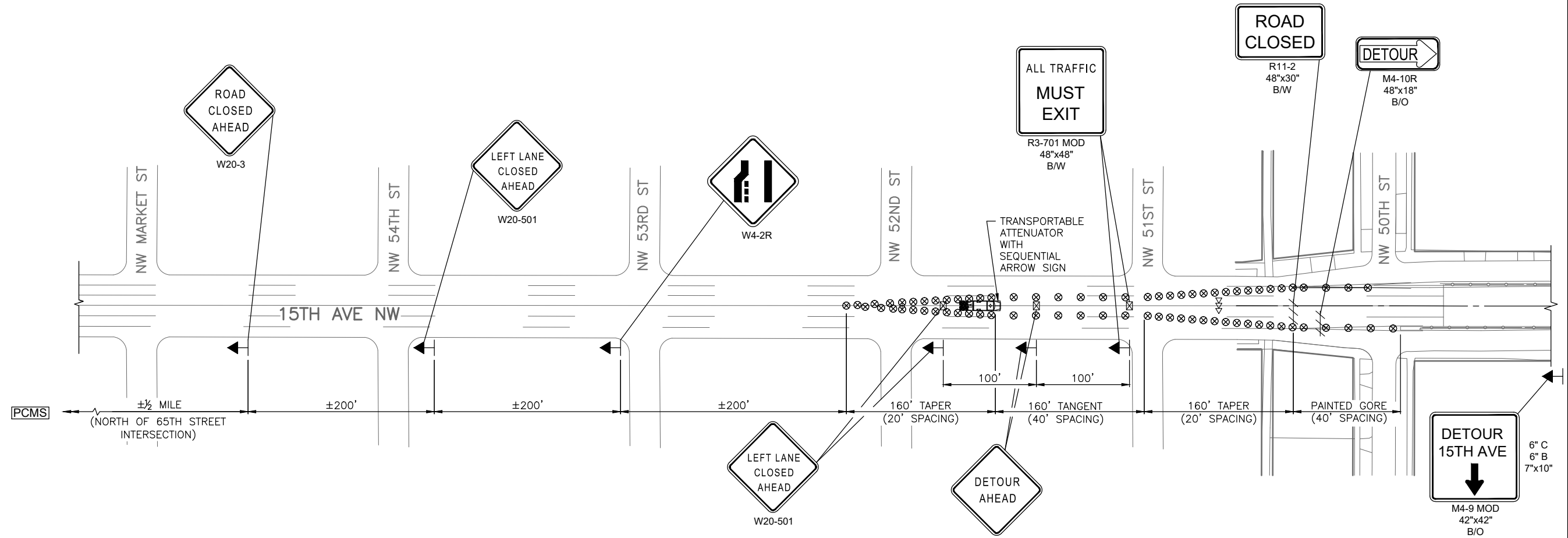
90% SUBMITTAL (NOT FOR CONSTRUCTION)

TRAFFIC CONTROL PLAN 2

<p>APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20</p>	<p>INITIALS AND DATE DESIGNED T. ZOBELL CHECKED S. JAVIDI</p> <p>INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.</p> <p>DRAWN M. TUMANOV CHECKED T. ZOBELL</p> <p>RECEIVED REVISED AS BUILT</p> <p>BY: PURCHASING AND CONTRACTING DIRECTOR</p>		<p>ORDINANCE NO. PW NO. FUND: SCALE: 1"=60'</p>	<p>15TH AVE AND LEARY WAY SEISMIC RETROFIT</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>PC</td> <td>CO</td> </tr> <tr> <td>VPI #</td> <td>C-104</td> </tr> <tr> <td>SHEET</td> <td>85 OF 97</td> </tr> </table>	PC	CO	VPI #	C-104	SHEET	85 OF 97
PC	CO										
VPI #	C-104										
SHEET	85 OF 97										

P:\S01029\TRC0481_2022 AAC 15th Ave NW\C-Correspondence\Incoming\FROM VANESSA\Sheets\6 C-104.dwg
 Jan-31-23 2:49pm

VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D



PCMS	
1	2
15TH AT 50TH ST CLOSED	FOLLOW DETOUR
2.0 SEC	2.0 SEC

NOTES:

1. THIS PLAN MUST OPERATE WITHOUT THE USE OF FLAGGERS OR SPOTTERS.
2. THIS CLOSURE MUST NOT OCCUR CONCURRENTLY WITH A LEARY WAY SHOULDER CLOSURE.
3. IN ADDITION TO USING A PCMS, THE CONTRACTOR MUST UTILIZE THE OVERHEAD CHANGEABLE MESSAGE SIGN BETWEEN 61ST AND 62ND STREET.
4. THE CONTRACTOR MAY SUBMIT REVISED TRAFFIC CONTROL PLANS FOR APPROVAL BY THE CITY OF SEATTLE PRIOR TO CONSTRUCTION.
5. TRAFFIC CONTROL DEVICES MUST CONFORM TO THE CITY OF SEATTLE TRAFFIC CONTROL MANUAL, INCLUDING REQUIREMENTS FOR NIGHT WORK. TYPE A FLASHING YELLOW WARNING LIGHTS MUST BE ATTACHED TO ALL ADVANCED WARNING SIGNS FOR NIGHT WORK.
6. UNLESS OTHERWISE SHOWN, ALL TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES AND SIGNS MUST MEET THE REQUIREMENTS OF THE CITY OF SEATTLE TRAFFIC CONTROL MANUAL FOR IN-STREET WORK.
7. ALL CONSTRUCTION SIGNS MUST BE 36"X36" UNLESS OTHERWISE SPECIFIED AND MUST BE BLACK ON ORANGE.
8. THE CONTRACTOR MUST COORDINATE WITH SEATTLE FIRE DEPT AND EMERGENCY SERVICE PROVIDERS, WITH SEATTLE SCHOOL DISTRICT, KING COUNTY METRO TRANSIT AND THE US POSTAL SERVICE AT LEAST 2 WEEKS PRIOR TO ANY CHANGE IN TRAFFIC CONTROL.
9. CONTRACTOR MUST SCHEDULE WORK WITH CONSIDERATION FOR UW SPORTS EVENTS AND OTHER SPECIAL EVENT TRAFFIC INCLUDING PERMITTED EVENTS.

LEGEND:

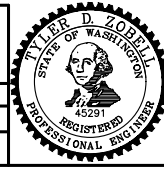
- SIGN LOCATION - TEMPORARY
- SIGN LOCATION - PORTABLE MOUNT (5' MINIMUM MOUNTING HEIGHT TO BOTTOM OF SIGN)
- TRAFFIC SAFETY DRUM
- TYPE 3 BARRICADE
- TRANSPORTATION ATTENUATOR
- SEQUENTIAL ARROW SIGN - TYPE C

SB 15TH AVE MAINLINE ROADWAY CLOSURE AT 50TH ST.

90% SUBMITTAL (NOT FOR CONSTRUCTION)

TRAFFIC CONTROL PLAN 3

APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20		INITIALS AND DATE DESIGNED T. ZOBELL CHECKED S. JAVIDI DRAWN M. TUMANOV CHECKED T. ZOBELL	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR. 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

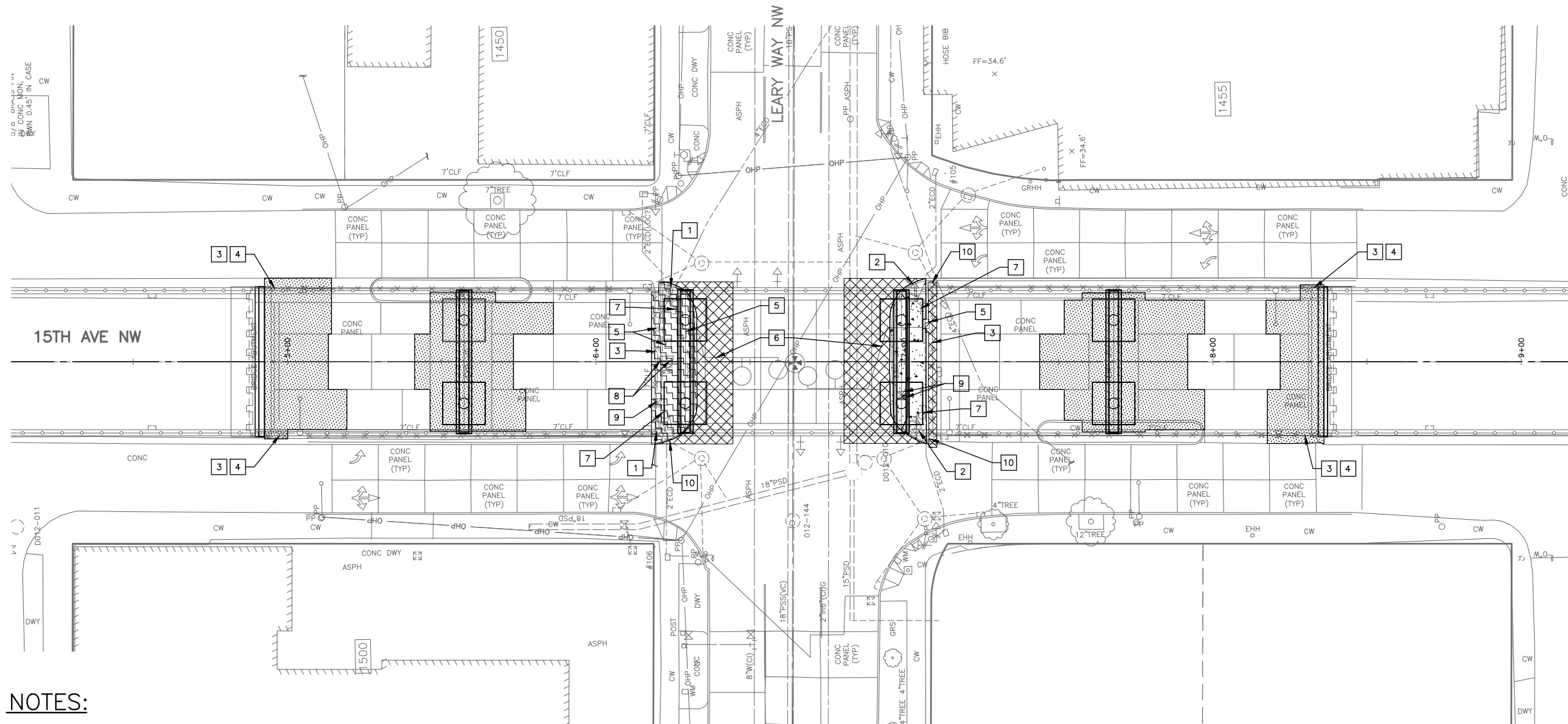
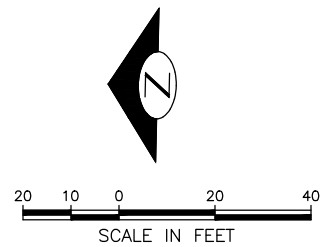
ORDINANCE NO. PW NO.
 FUND:
 SCALE: 1"=60'

15TH AVE AND LEARY WAY SEISMIC RETROFIT

PC	CO
VPI #	
C-105	
SHEET 86 OF 97	

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VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D



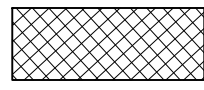
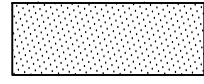
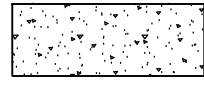
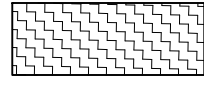

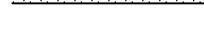
NOTES:

1. THE CONTRACTOR MUST RESTORE ALL GRADES TO MATCH THE EXISTING UNLESS SHOWN OTHERWISE.
2. THE CONTRACTOR MUST RESTORE THE DEMOLISHED (FULL OR PARTIALLY) CONCRETE PAVEMENTS WITH FULL CONCRETE PAVEMENT PANELS PER STANDARD PLAN 405a AND 405b.
3. THE CONTRACTOR MUST RESTORE THE DETECTOR LOOP PER STANDARD PLAN 530B AND PAINT LINES AND STRIPPING ON PAVEMENT TO THE ORIGINAL CONDITION.
4. THE CONTRACTOR MUST RESTORE THE DEMOLISHED CURBS AND GUTTERS PER STANDARD PLAN 410.
5. THE CONTRACTOR MUST RESTORE THE DEMOLISHED SIDEWALKS AND RAMPS PER STANDARD PLAN 420 AND 422A.
6. FLOODLIGHTS ATTACHED TO THE CAP BEAM MUST BE REMOVED DURING CAP BEAM STRENGTHENING AND MUST BE RESTORED TO THE SAME LOCATION. FLOODLIGHTS ON THE CAP BEAM AT THE LEARY WAY STREET MUST BE UPGRADED PER SPECIFICATIONS.
7. CEM CONCRETE ROADWAY JOINTS AND TRAFFIC DETECTOR LOOP SHOWN ARE APPROXIMATE.

PLAN

SCALE: 1"=20'-0"

PAVING LEGEND:

-  TYPE 402B ASPH PAVEMENT (MATCH EXISTING 11" CEM CONCRETE ROADWAY)
-  TYPE 401B CONC PAVEMENT (MATCH EXISTING 9" CEM CONCRETE ROADWAY)
-  TYPE 420 SIDEWALK
-  TEMPORARY ASPHALT
-  TYPE 410B CURB & GUTTER
-  TYPE 410C CURB

CONSTRUCTION NOTES

- 1 SALVAGE AND REINSTALL PEDESTRIAN TRAFFIC LIGHT POLE AND PUSH BUTTON
- 2 INSTALL NEW PEDESTRIAN TRAFFIC LIGHT POLE AND PUSH BUTTON
- 3 SALVAGE AND REINSTALL EXISTING FENCE
- 4 INSTALL NEW CURB AND GUTTER
- 5 SALVAGE AND REINSTALL EXISTING POWER VAULT
- 6 INSTALL TRAFFIC DETECTOR LOOP WIRING AS REQUIRED
- 7 SALVAGE AND REINSTALL EXISTING LIGHT FIXTURES
- 8 SALVAGE AND REINSTALL EXISTING WATER METER
- 9 SALVAGE AND REINSTALL EXISTING WATER VALVE
- 10 PROTECT IN EXISTING DRAINAGE PIPE DURING PAVEMENT RESTORATION

90% SUBMITTAL (NOT FOR CONSTRUCTION)

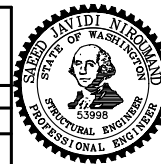
RESTORATION PLAN

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

INITIALS AND DATE DESIGNED S. JAVIDI CHECKED D. MOTAMEDI	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.
DRAWN M. TUMANOV CHECKED S. JAVIDI	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 G-02.3 OF THE PROJECT MANUAL.



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

**15TH AVE AND LEARY WAY
SEISMIC RETROFIT**

PC	CO
VPI #	
C-106	
SHEET 87 OF 97	

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

MEF CODES

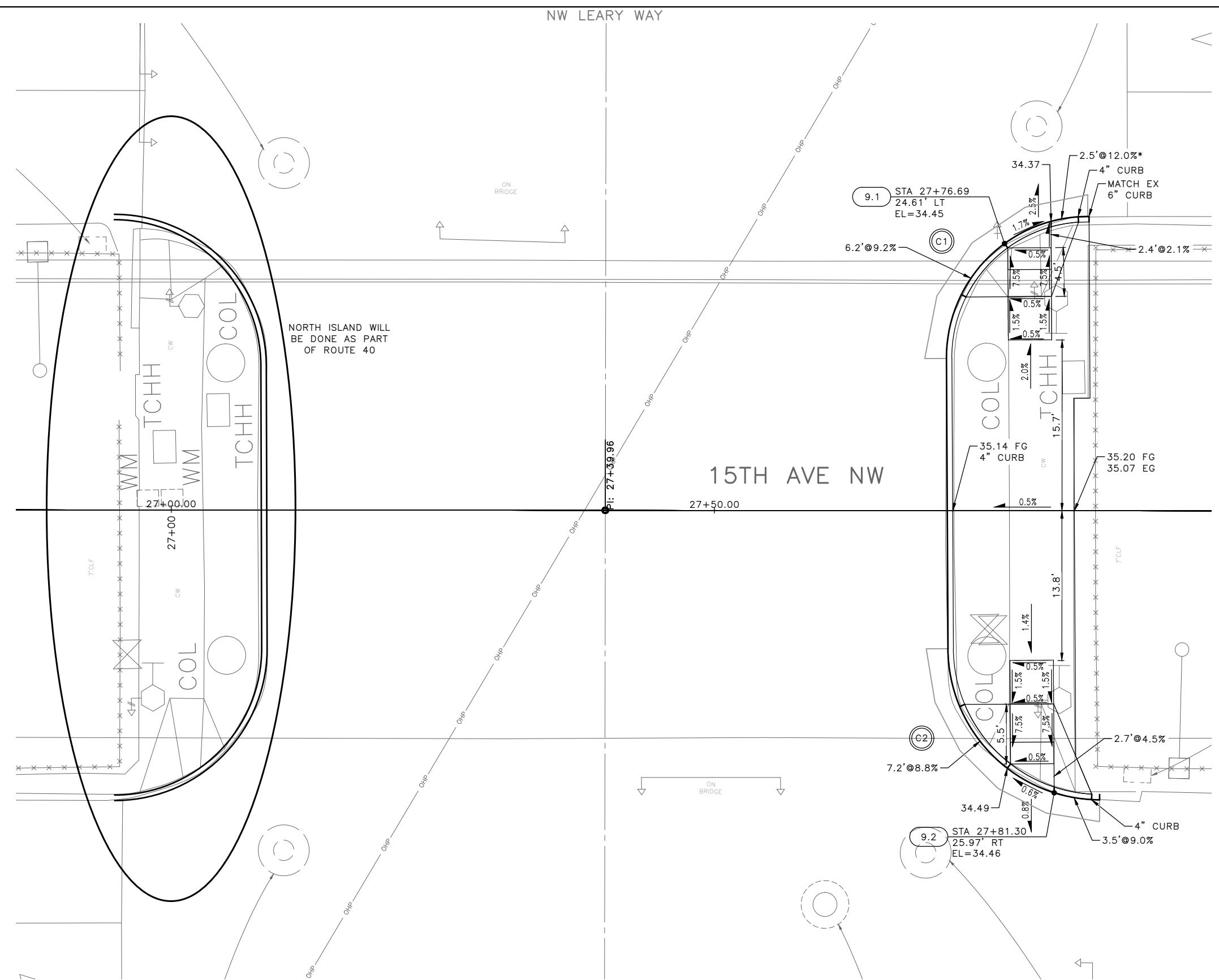
- *1 RIGHT-OF WAY AVAILABILITY
- *2 ROADWAY STRUCTURAL CONSTRAINT; WALL, AREAWAY, OR BRIDGE
- *3 ADJACENT DEVELOPED FACILITY
- *4 DRAINAGE
- *5 HISTORIC FEATURE
- *6 EXISTING ROAD/SIDEWALK SLOPES
- *7 EXISTING UTILITY VAULT OR UTILITY STRUCTURE
- *8 (OTHER), DESCRIBE, ADD ANNOTATION

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



CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C1	RADIUS POINT	27+84.35	14.10'LT	N/A	Δ=90°21'42" L=20.50' R=13.00' T=13.08'
	PC	27+71.35	14.02'LT	34.54'	
	1/4	27+72.32	19.02'LT	34.52'	
	1/2	27+75.13	23.27'LT	34.50'	
	3/4	27+79.36	26.11'LT	34.39'	
	PT	27+84.35	27.10'LT	34.33'	

CURB RETURN

CURB NO.	POINT	STATION	OFFSET	FLOW LINE ELEVATION	CURVE GEOMETRY
C2	RADIUS POINT	27+85.52	12.62'RT	N/A	Δ=89°30'59" L=21.87' R=14.00' T=13.88'
	PC	27+71.52	12.71'RT	38.06'	
	1/4	27+72.61	18.03'RT	38.30'	
	1/2	27+75.64	22.54'RT	38.35'	
	3/4	27+80.16	25.55'RT	38.27'	
	PT	27+85.45	26.62'RT	38.08'	

	STD PLAN	MEF CODE
9.1	422D	*6
9.2	422D	-

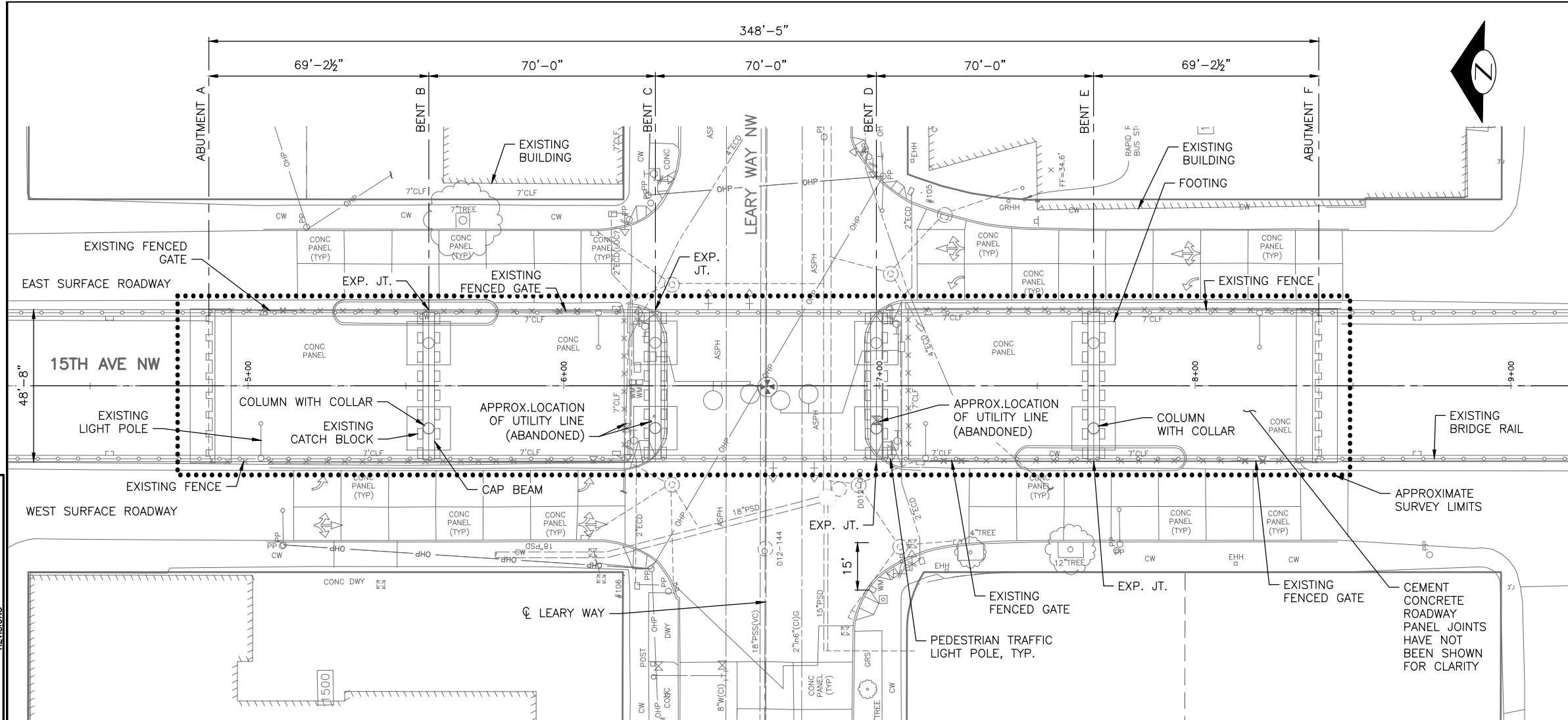
VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D

90% SUBMITTAL (NOT FOR CONSTRUCTION)

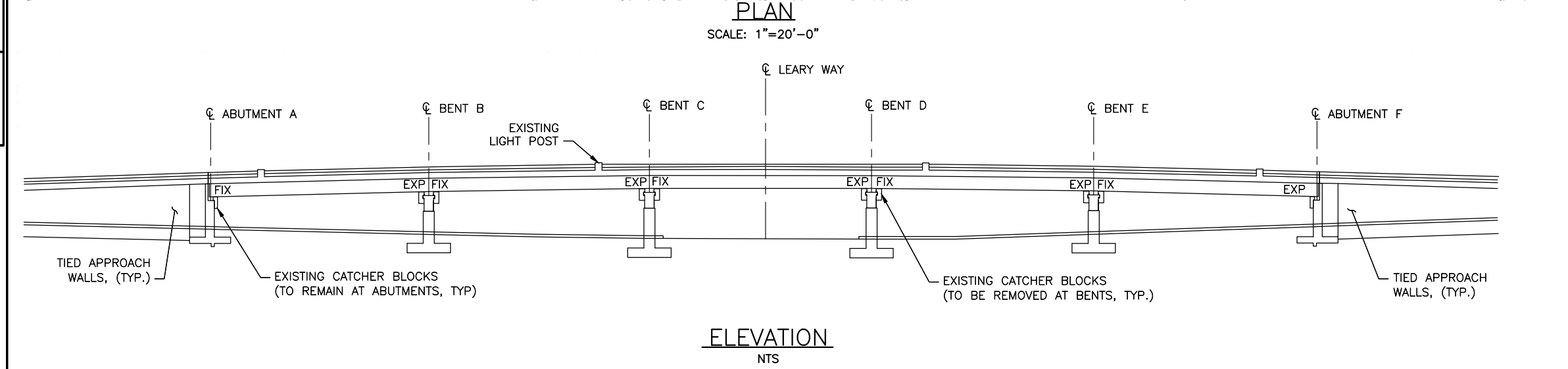
RESTORATION PLAN

PW#	APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED CHECKED	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.			15TH AVE AND LEARY WAY SEISMIC RETROFIT	PC	CO
	BY: CITY PURCHASING & CONTRACTING SERVICES DIRECTOR	RECEIVED REVISED AS BUILT	RECEIVED REVISED AS BUILT				ORDINANCE NO.	PW NO.

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 Jun-31-23 2:49pm



- NOTES:**
1. DIMENSIONS ARE FROM THE ϕ OF EXPANSION JOINTS OF THE BENTS AND ABUTMENTS.
 2. PAVEMENT ON LEARY WAY STREET IS CEMENT CONCRETE ROADWAY PANELS WITH AN ASPHALT OVERLAY.
 3. TRAFFIC DETECTOR LOOP SHOWN ARE APPROXIMATE.



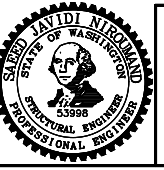
90% SUBMITTAL (NOT FOR CONSTRUCTION)

EXISTING PLAN & ELEVATION

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

BY:
PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE DESIGNED S. JAVIDI CHECKED H. CLAYVILLE	INITIALS AND DATE REVIEWED: DES. SDOT CONST. PROJ. MGR.
DRAWN M. TUMANOV CHECKED S. JAVIDI	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.	



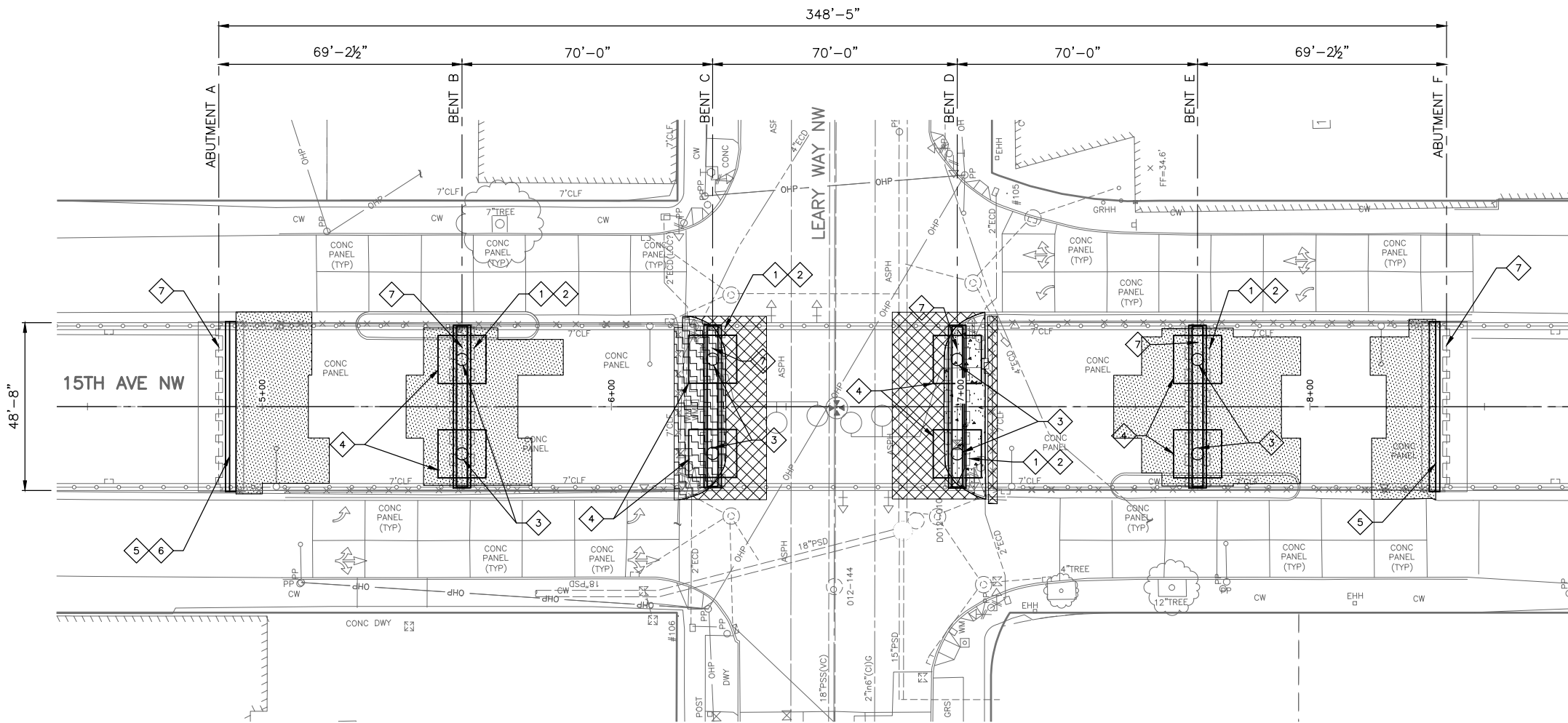
Seattle Department of Transportation

ORDINANCE NO. PW NO.
FUND:
SCALE: AS NOTED

<h2>15TH AVE AND LEARY WAY SEISMIC RETROFIT</h2>	PC CO
	VPI #
	S-101
SHEET 89 OF 97	

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



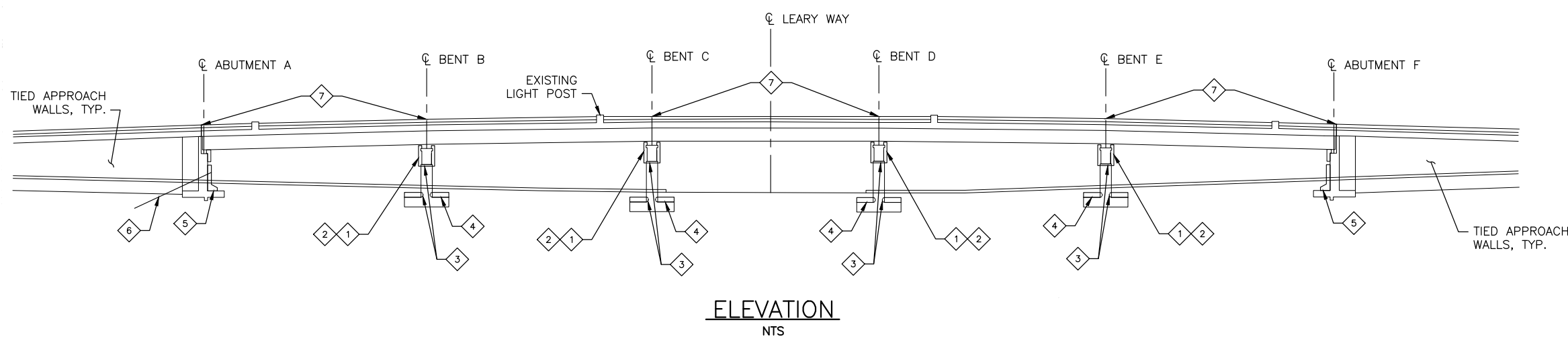
RETROFIT LEGEND

- 1 REMOVE EXISTING CATCHER BLOCKS
- 2 RETROFIT CAP BEAM
- 3 CUT COLUMN VERTICAL BARS (2 BARS AS SHOWN IN DETAILS)
- 4 FOOTING DEPTH ENLARGEMENT
- 5 ABUTMENT STEM WALL/TOE THICKENING
- 6 INSTALLING PERMANENT GROUND ANCHOR
- 7 REPLACE EXPANSION JOINT

NOTES:

- DIMENSIONS ARE FROM THE ϕ OF EXPANSION JOINTS OF THE BENTS AND ABUTMENTS.

PLAN
SCALE: 1"=20'-0"

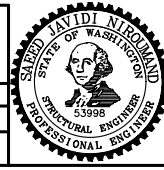


ELEVATION
NTS

90% SUBMITTAL (NOT FOR CONSTRUCTION)

RETROFIT KEY PLAN

<p>APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20</p> <p>BY: PURCHASING AND CONTRACTING DIRECTOR</p>	<p>INITIALS AND DATE</p> <p>DESIGNED S. JAVIDI CHECKED H. CLAYVILLE</p> <p>DRAWN M. TUMANOV CHECKED S. JAVIDI</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 0-02.3 OF THE PROJECT MANUAL.</p>	<p>INITIALS AND DATE</p> <p>REVIEWED: DES. CONST. SDOT PROJ. MGR.</p> <p>RECEIVED REVISED AS BUILT</p>
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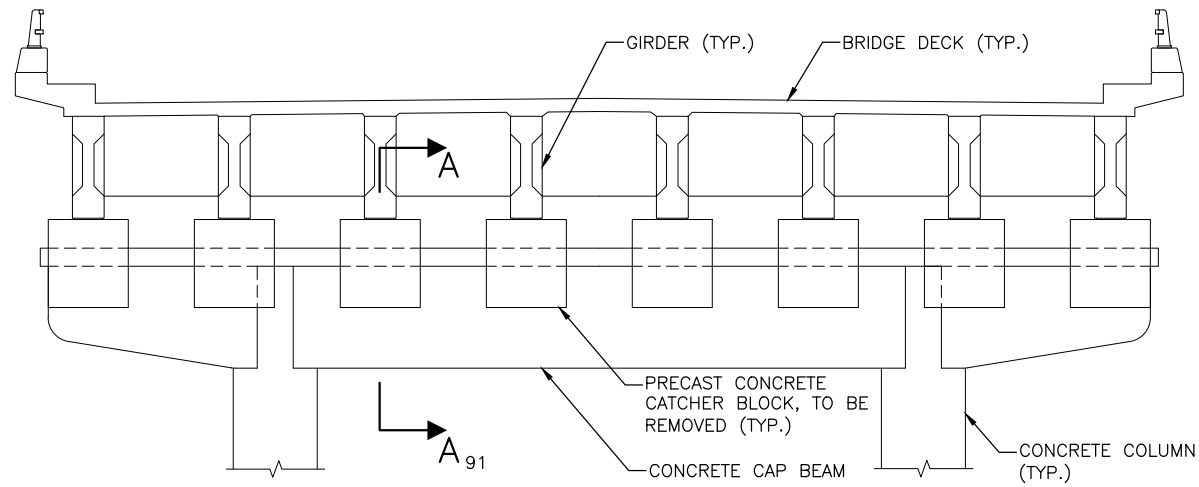
Seattle Department of Transportation

ORDINANCE NO. PW NO.
FUND: SCALE: AS NOTED

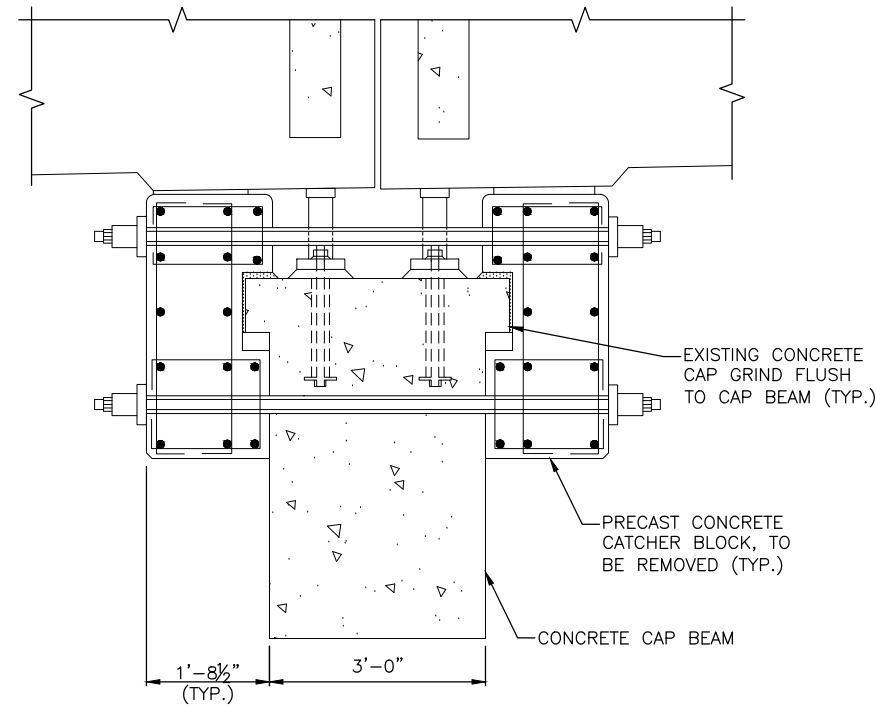
15TH AVE AND LEARY WAY SEISMIC RETROFIT

PC	CO
VPI #	S-102
SHEET 90 OF 97	

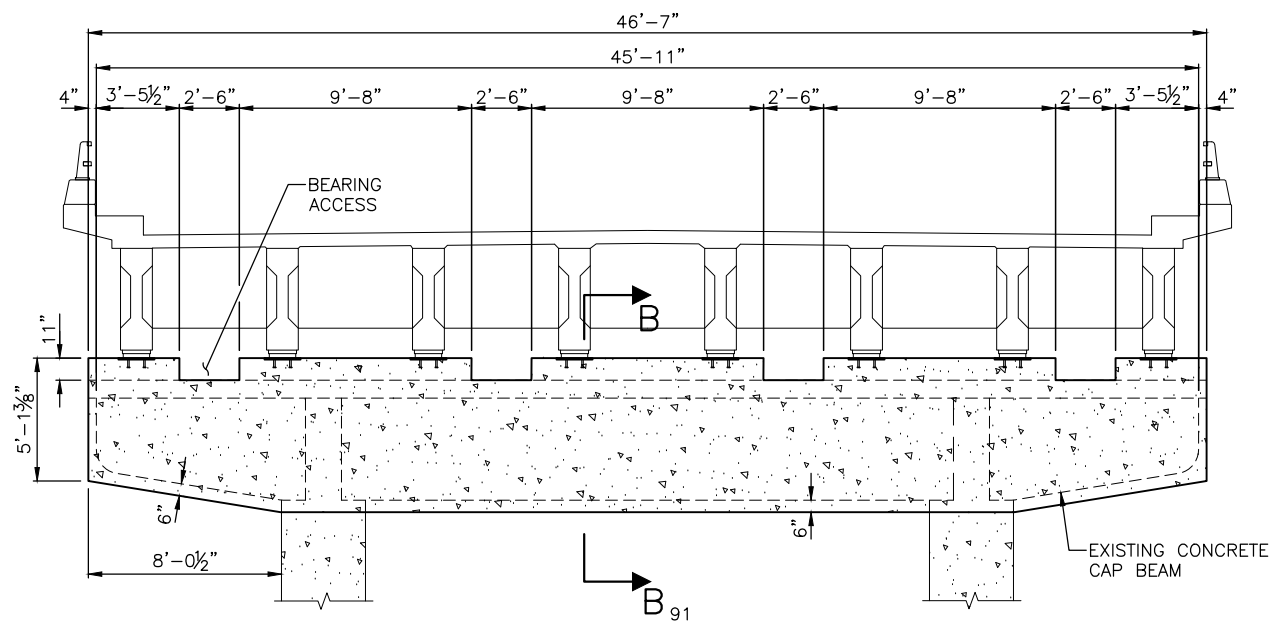
VAULT SERIAL NO. DATE MARK NATURE REVISIONS MADE CHK'D REV'D
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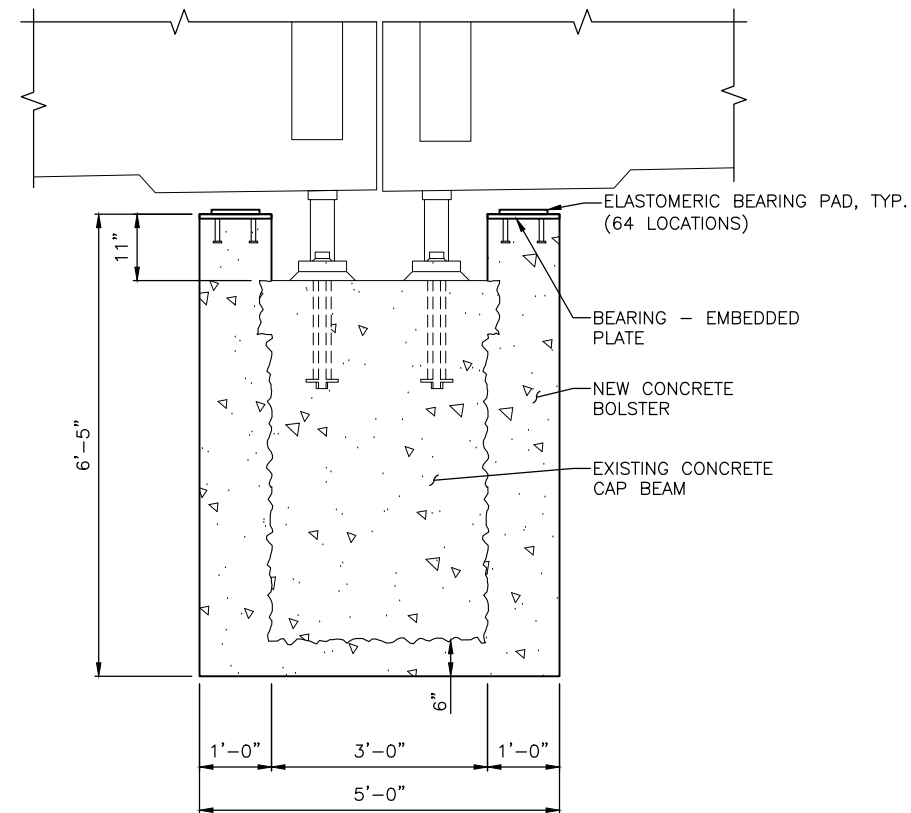
EXISTING CAP BEAM (PREVIOUSLY RETROFITTED)
 SCALE: 1/4"=1'-0"



SECTION A-A 91
 SCALE: 3/4"=1'-0"



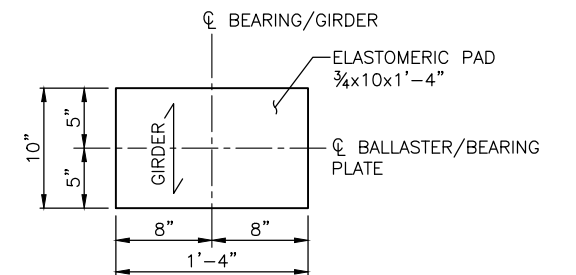
CAP BEAM RETROFIT
 SCALE: 1/4"=1'-0"



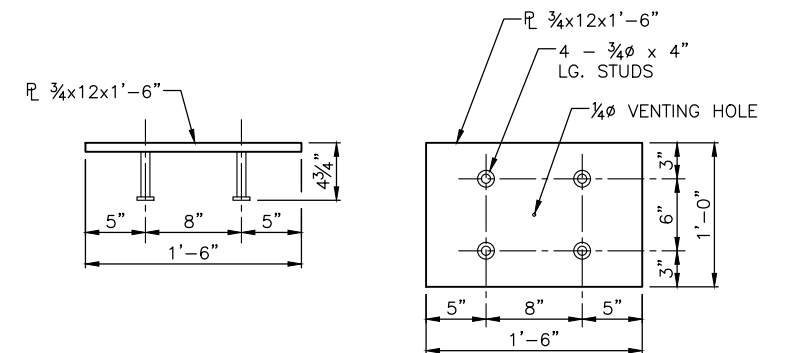
SECTION B-B 91
 SCALE: 3/4"=1'-0"

NOTES:

1. THE BEARING PADS MUST BE FABRICATED PER SPECIFICATIONS AND MUST CONFORM TO THE REQUIREMENTS OF AASHTO SPECIFICATION M 251 PLAIN AND LAMINATED ELASTOMERIC BRIDGE BEARINGS.
2. THE BEARING EMBEDDED PLATE SHALL BE PLACED LEVEL.
3. THE BEARING PAD SHALL BE INSTALLED LEVEL.
4. THE BEARING PAD MUST BE FULLY BONDED/GLUED TO THE EMBEDDED PLATE PER MANUFACTURER'S RECOMMENDATIONS AND AN APPROVED ADHESIVE.
5. FILL ALL EXISTING HIGH-STRENGTH BAR HOLES WITH GROUT AFTER CATCHER BLOCK REMOVAL.



ELASTOMERIC BEARING PAD
 SCALE: 1 1/2"=1'-0"



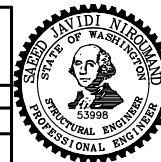
ELEVATION VIEW **TOP VIEW**
BEARING - EMBEDDED PLATE DETAIL
 SCALE: 1 1/2"=1'-0"

90% SUBMITTAL (NOT FOR CONSTRUCTION)

CAP BEAM RETROFIT DETAILS 1

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

INITIALS AND DATE DESIGNED S. JAVIDI CHECKED V. EGHBALIFARKOOSH	INITIALS AND DATE REVIEWED: DES. CONST. SDOT PROJ. MGR.
DRAWN M. TUMANOV CHECKED S. JAVIDI	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 G-02.3 OF THE PROJECT MANUAL.	



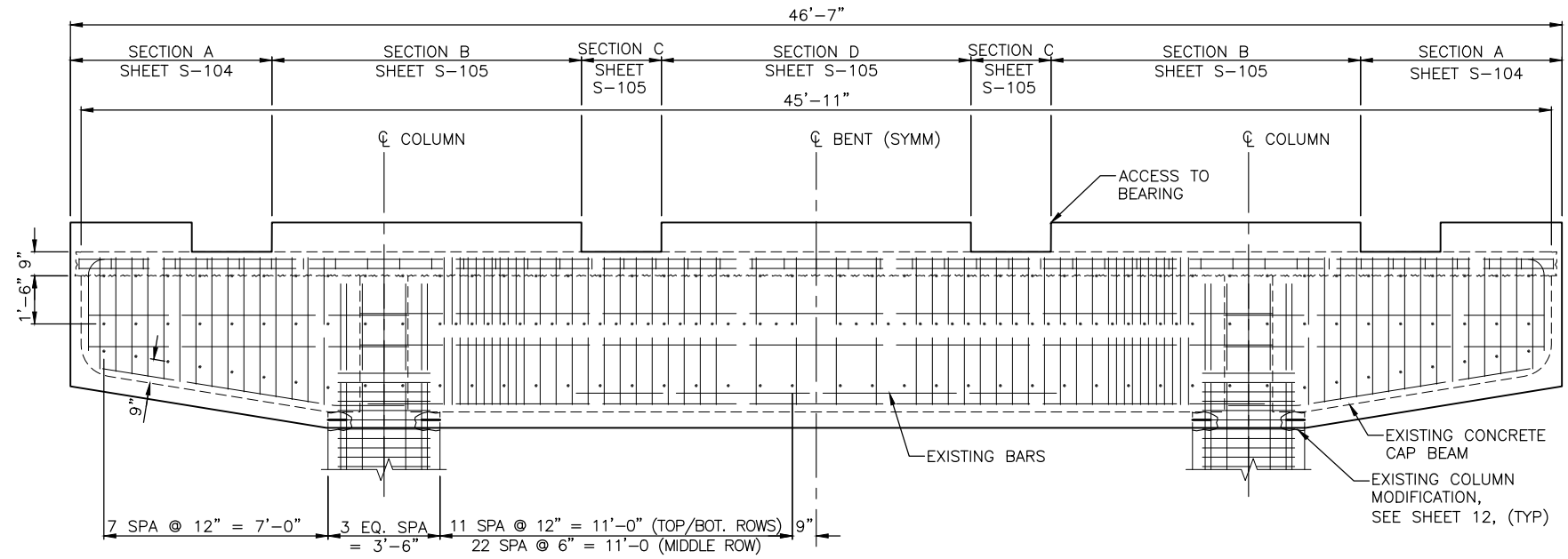
Seattle Department of Transportation
 ORDINANCE NO. PW NO.
 FUND:
 SCALE: AS NOTED

15TH AVE AND LEARY WAY SEISMIC RETROFIT

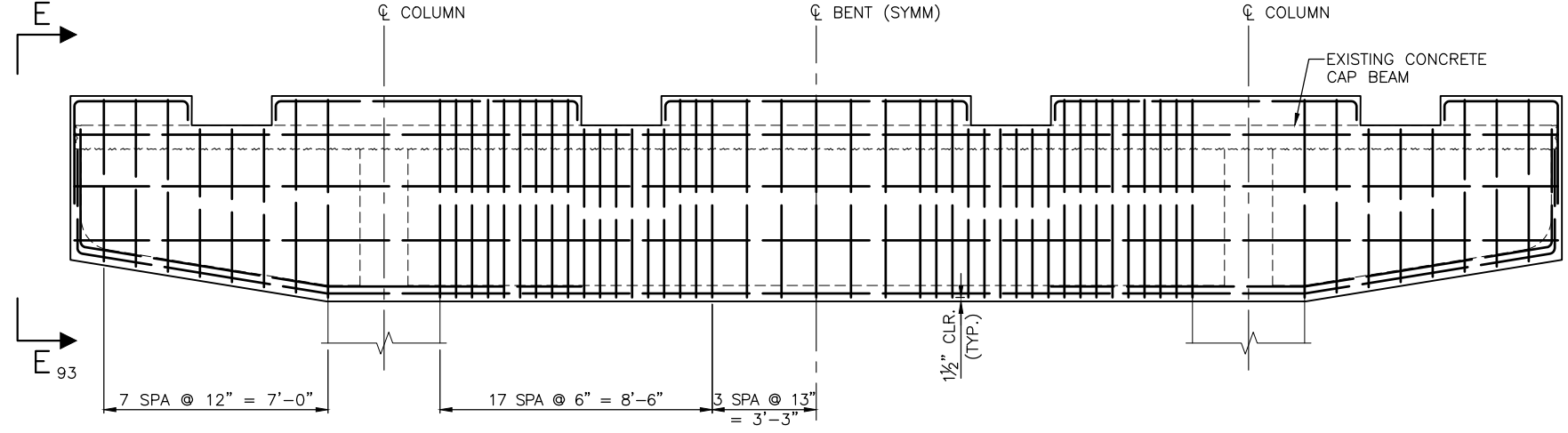
PC	CO
VPI #	
S-103	
SHEET 91 OF 97	

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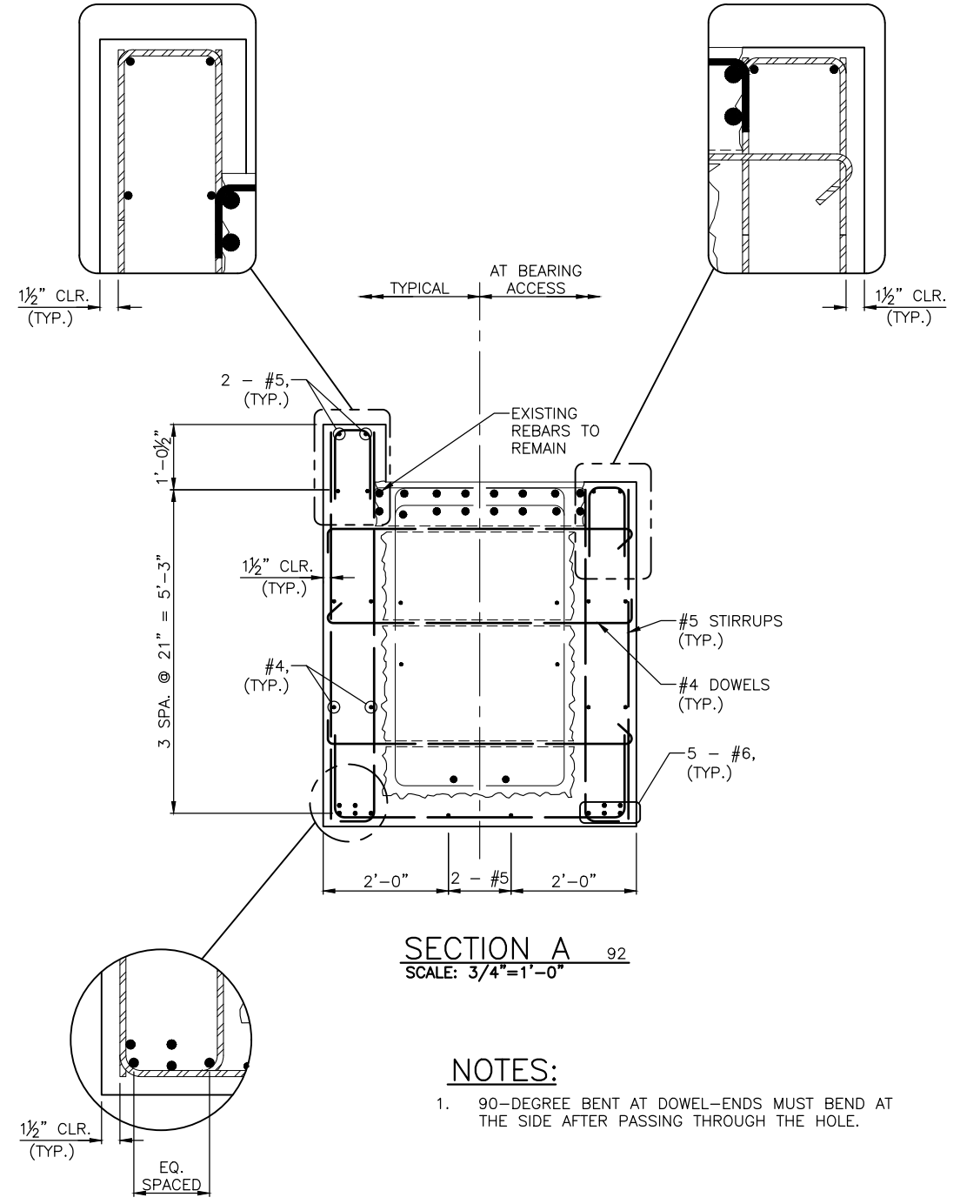
VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD. REV'D



DOWELS LAYOUT - CAP BEAM
SCALE: 3/8"=1'-0"



STIRRUPS LAYOUT - CAP BEAM
SCALE: 3/8"=1'-0"



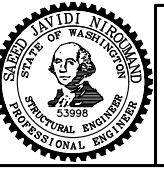
SECTION A 92
SCALE: 3/4"=1'-0"

- NOTES:**
- 90-DEGREE BENT AT DOWEL-ENDS MUST BEND AT THE SIDE AFTER PASSING THROUGH THE HOLE.

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

90% SUBMITTAL (NOT FOR CONSTRUCTION)

APPROVED FOR ADVERTISING LIZ ALZEER DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES SEATTLE, WASHINGTON 20	INITIALS AND DATE DESIGNED S. JAVIDI CHECKED V. EGHBALIFARKOOSH DRAWN M. TUMANOV CHECKED S. JAVIDI BY: PURCHASING AND CONTRACTING DIRECTOR	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 G-02.3 OF THE PROJECT MANUAL.
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Seattle Department of Transportation

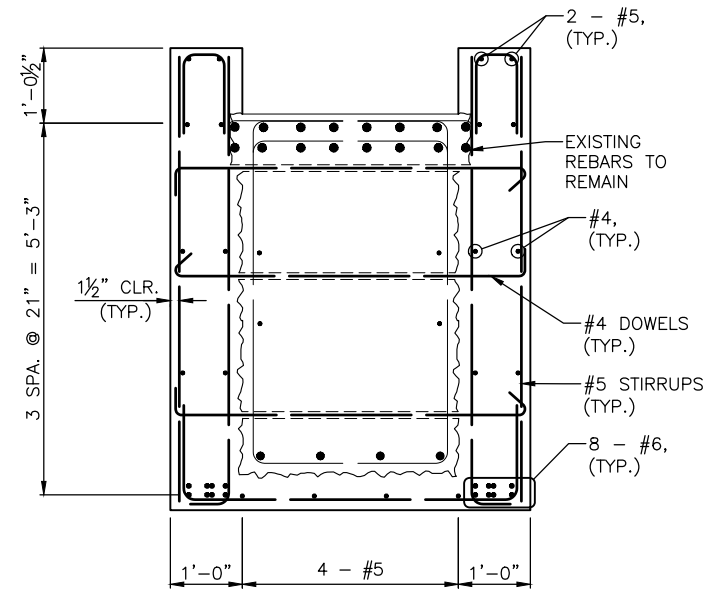
ORDINANCE NO. PW NO.
 FUND:
 SCALE: AS NOTED

CAP BEAM RETROFIT DETAILS 2

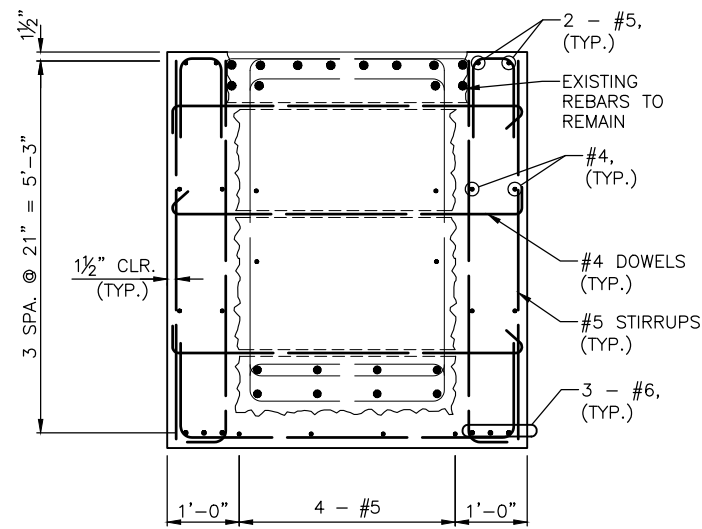
15TH AVE AND LEARY WAY SEISMIC RETROFIT

PC	CO
VPI #	S-104
SHEET 92 OF 97	

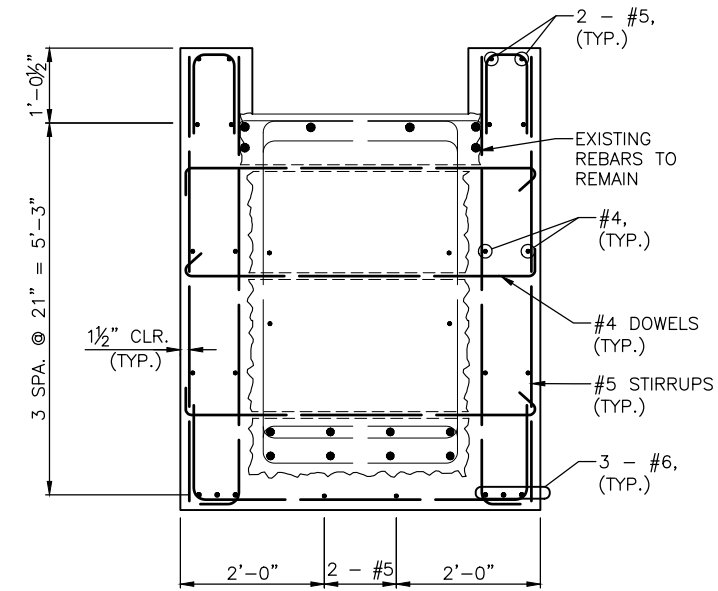
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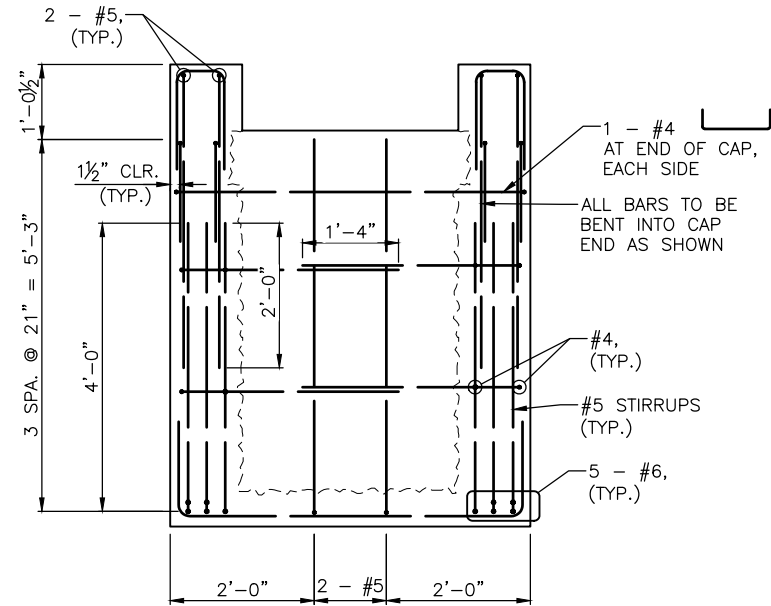
SECTION B 92
SCALE: 3/4"=1'-0"



SECTION C 92
SCALE: 3/4"=1'-0"



SECTION D 92
SCALE: 3/4"=1'-0"



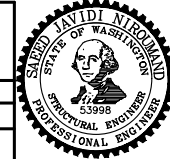
VIEW E-E 92
SCALE: 3/4"=1'-0"

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CAP BEAM RETROFIT DETAILS 3

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DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON 20

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DRAWN M. TUMANOV CHECKED S. JAVIDI	RECEIVED REVISED AS BUILT
BY: PURCHASING AND CONTRACTING DIRECTOR	



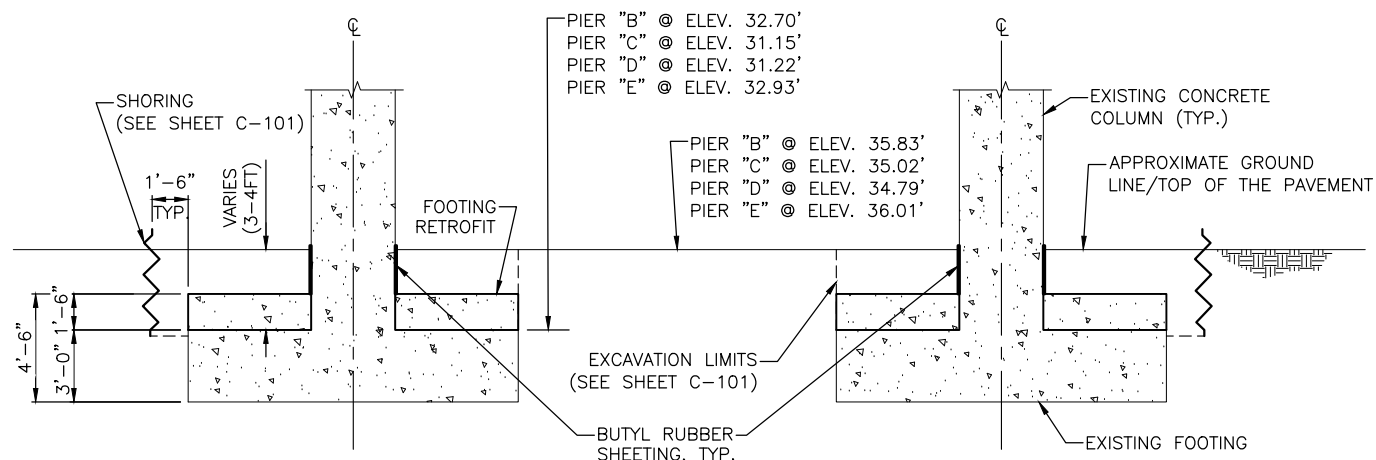
Seattle Department of Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: AS NOTED

15TH AVE AND LEARY WAY SEISMIC RETROFIT

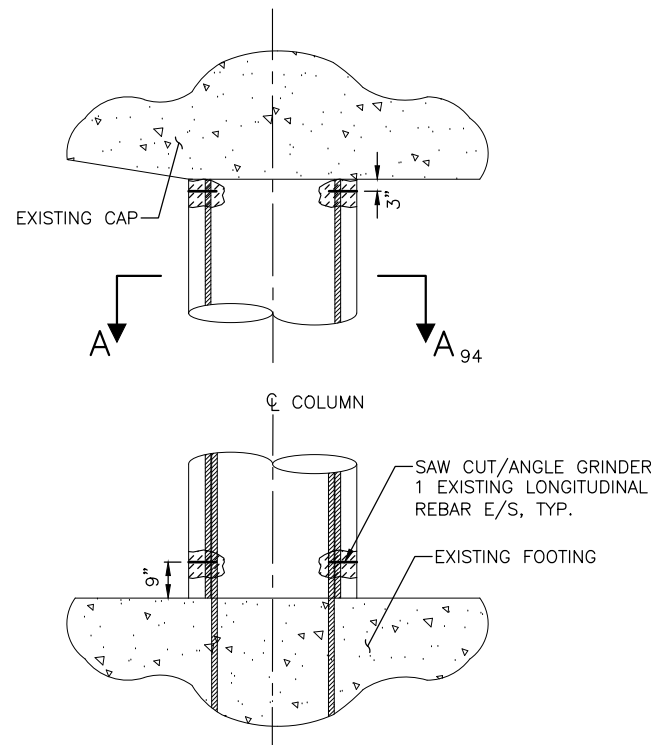
PC	CO
VPI #	S-105
SHEET 93 OF 97	

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

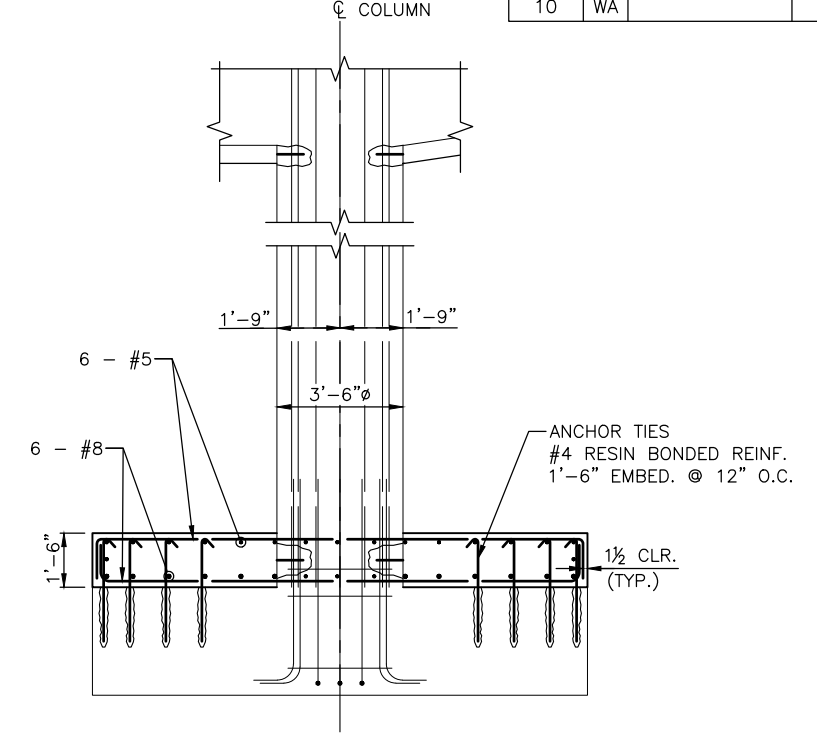
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Jan-31-23 2:50pm



ELEVATION - BENT FOOTING RETROFIT
 SCALE: 1/4"=1'-0"

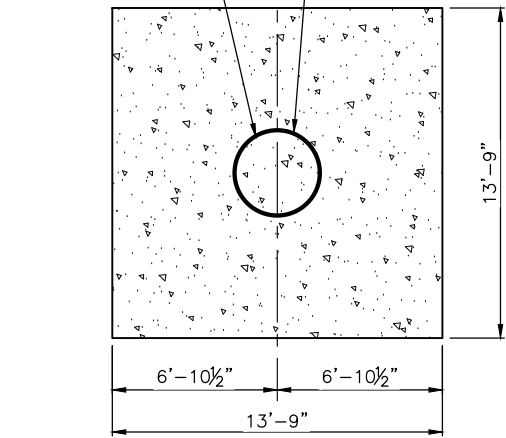


COLUMN MODIFICATION ELEVATION DETAIL
 SCALE: 1/2"=1'-0"



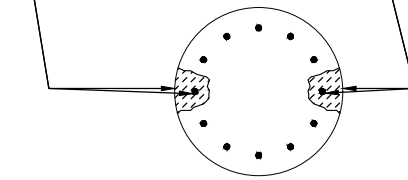
ELEVATION - BENT FOOTING REINFORCING
 SCALE: 3/8"=1'-0"

1/2" THICK BUTYL RUBBER SHEETING WITH AN ADHESIVE BACKING BONDED TO THE COLUMN SURFACE EXTENDED 2" ABOVE FINAL TOP GROUND/PAVED SURFACE, TYP.

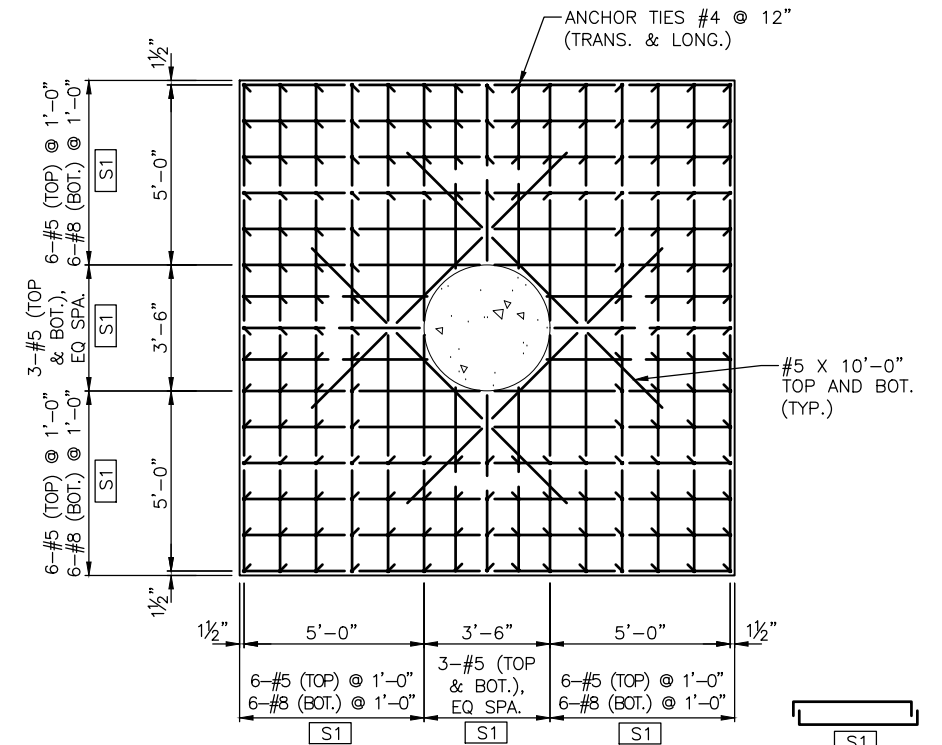


PLAN - BENT FOOTING RETROFIT
 SCALE: 1/4"=1'-0"

1. LOCATE REINFORCEMENT
2. LOCALLY REMOVE CONCRETE TO EXPOSE REINFORCEMENT
3. MECHANICALLY/SAW CUT THE OUTER MOST BAR ON THE EAST AND WEST FACES (COL. VERTICAL BAR AND THE CORRESPONDING PROJECTED BAR FROM THE FOOTING)
4. REINSTATE CONCRETE COLUMN



SECTION A-A 94
 SCALE: 1/2"=1'-0"



PLAN - BENT FOOTING REINFORCING
 SCALE: 3/8"=1'-0"

FOOTING AND COLUMN RETROFIT DETAILS

NOTES:

1. ELEVATION PROVIDED ARE FOR REFERENCE ONLY. CONTRACTOR MUST FIELD VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION.

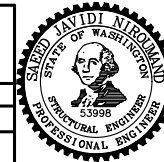
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BY:
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Seattle Department of Transportation

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 FUND:
 SCALE: AS NOTED

15TH AVE AND LEARY WAY SEISMIC RETROFIT

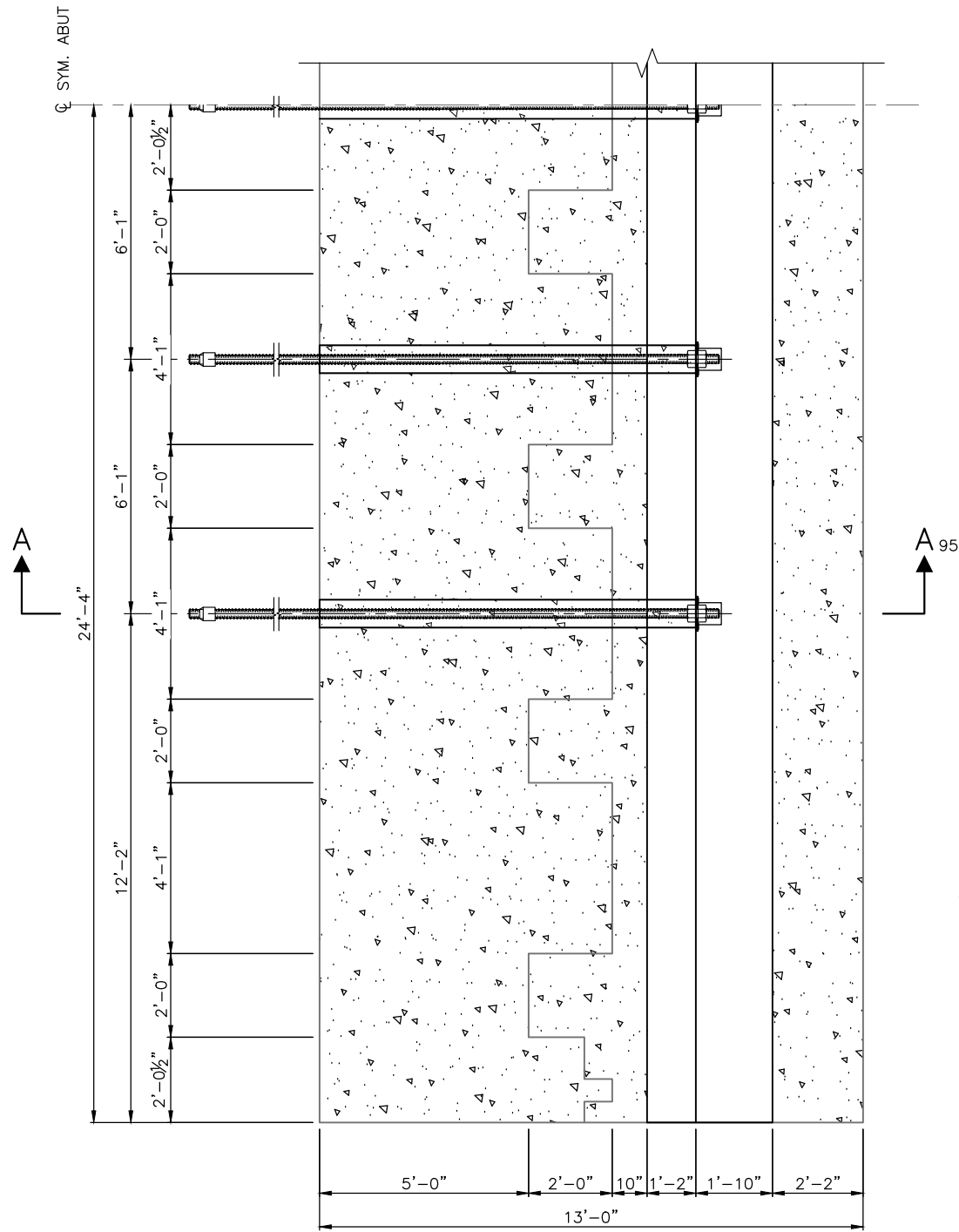
PC	CO
VPI #	
S-106	
SHEET 94 OF 97	

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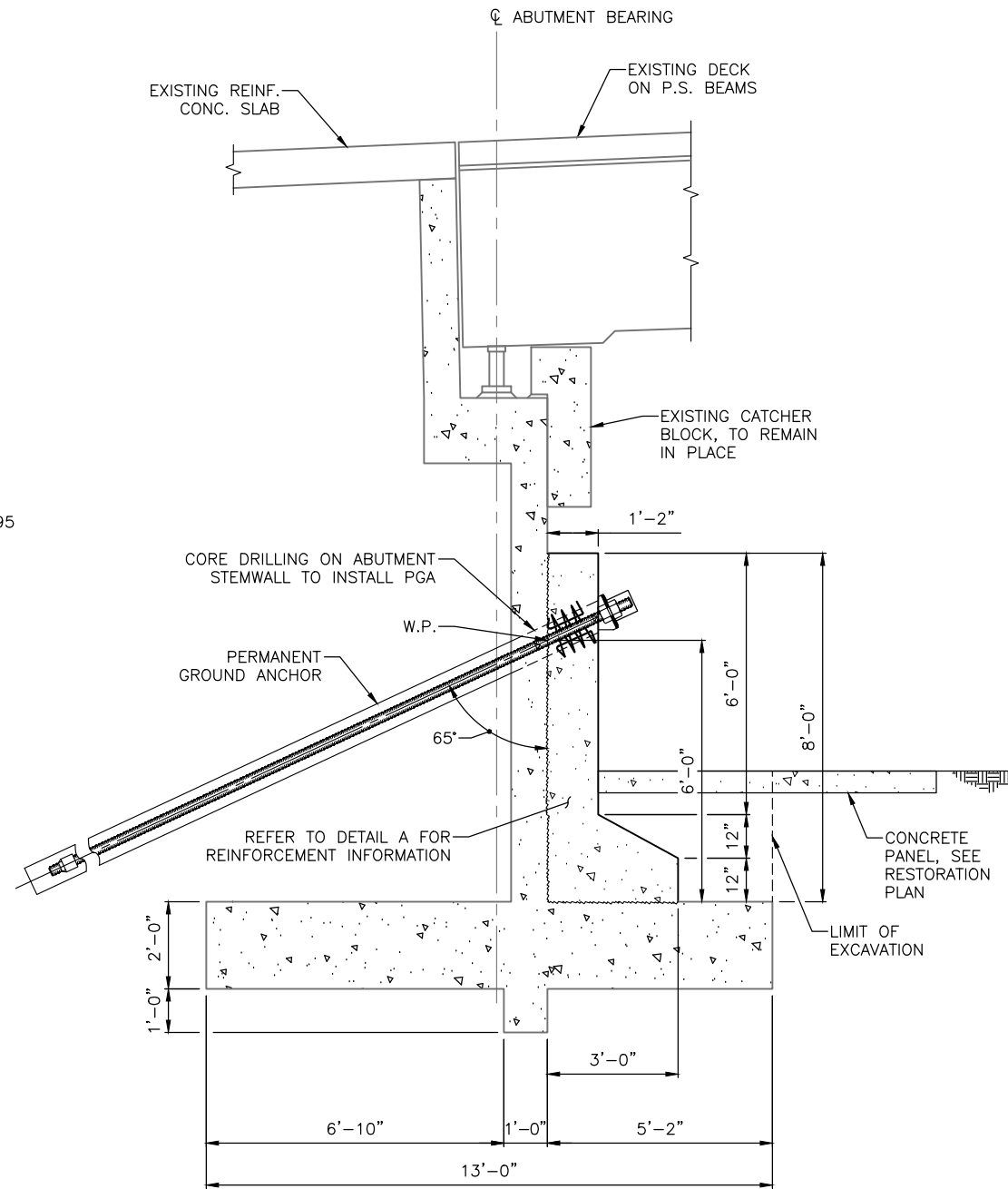
VAULT	SERIAL NO.	DATE	MARK	NATURE	MADE	CHK'D	REV'D

NOTES:

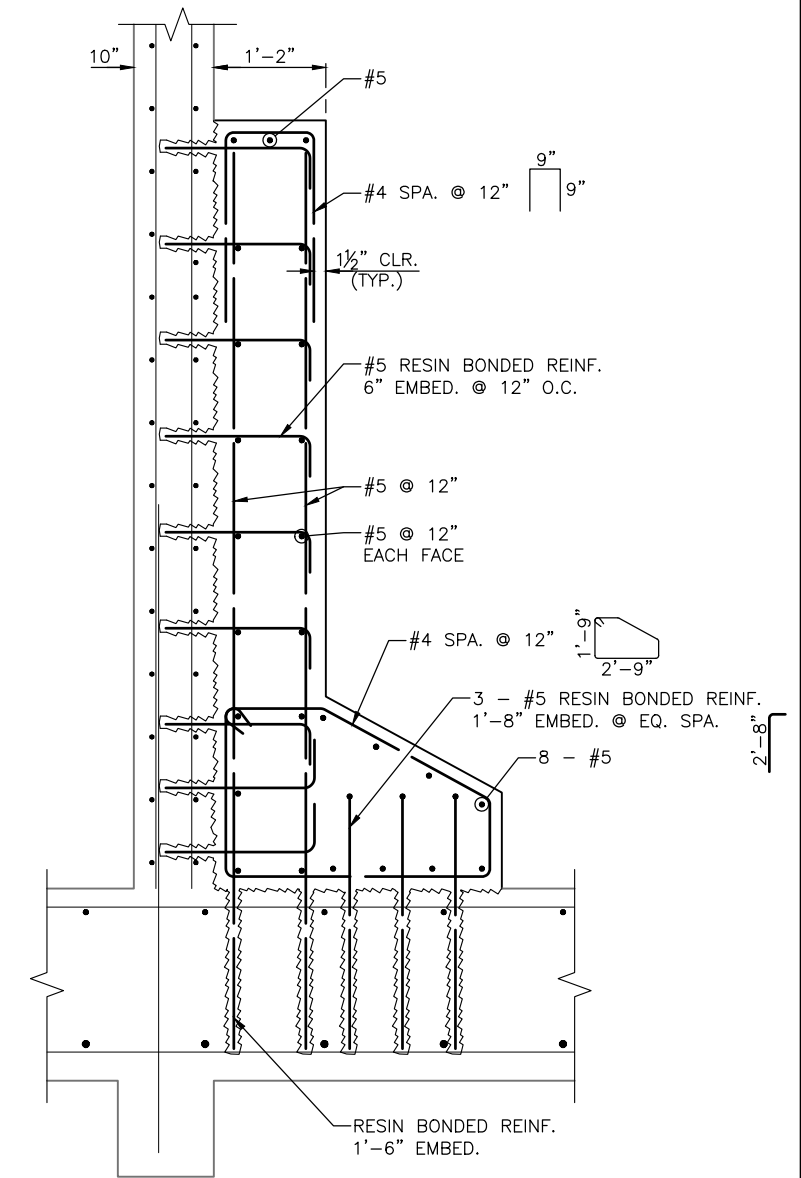
- PERMANENT GROUND ANCHOR INSTALLATION IS ONLY FOR ABUTMENT A. ABUTMENT A AND F RECEIVES CONCRETE STRENGTHENING.



FOOTING PLAN ABUTMENT "A"
 SCALE: 1/2"=1'-0"
 ABUTMENT F IS SIMILAR WITH NO PERMANENT GROUND ANCHOR



SECTION A-A 95
 SCALE: 1/2"=1'-0"



DETAIL A
 SCALE: 1"=1'-0"

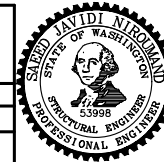
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ABUTMENT RETROFIT DETAILS

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Seattle Department of Transportation
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 FUND:
 SCALE: AS NOTED

**15TH AVE AND LEARY WAY
 SEISMIC RETROFIT**

PC	CO
VPI #	
S-107	
SHEET 95 OF 97	

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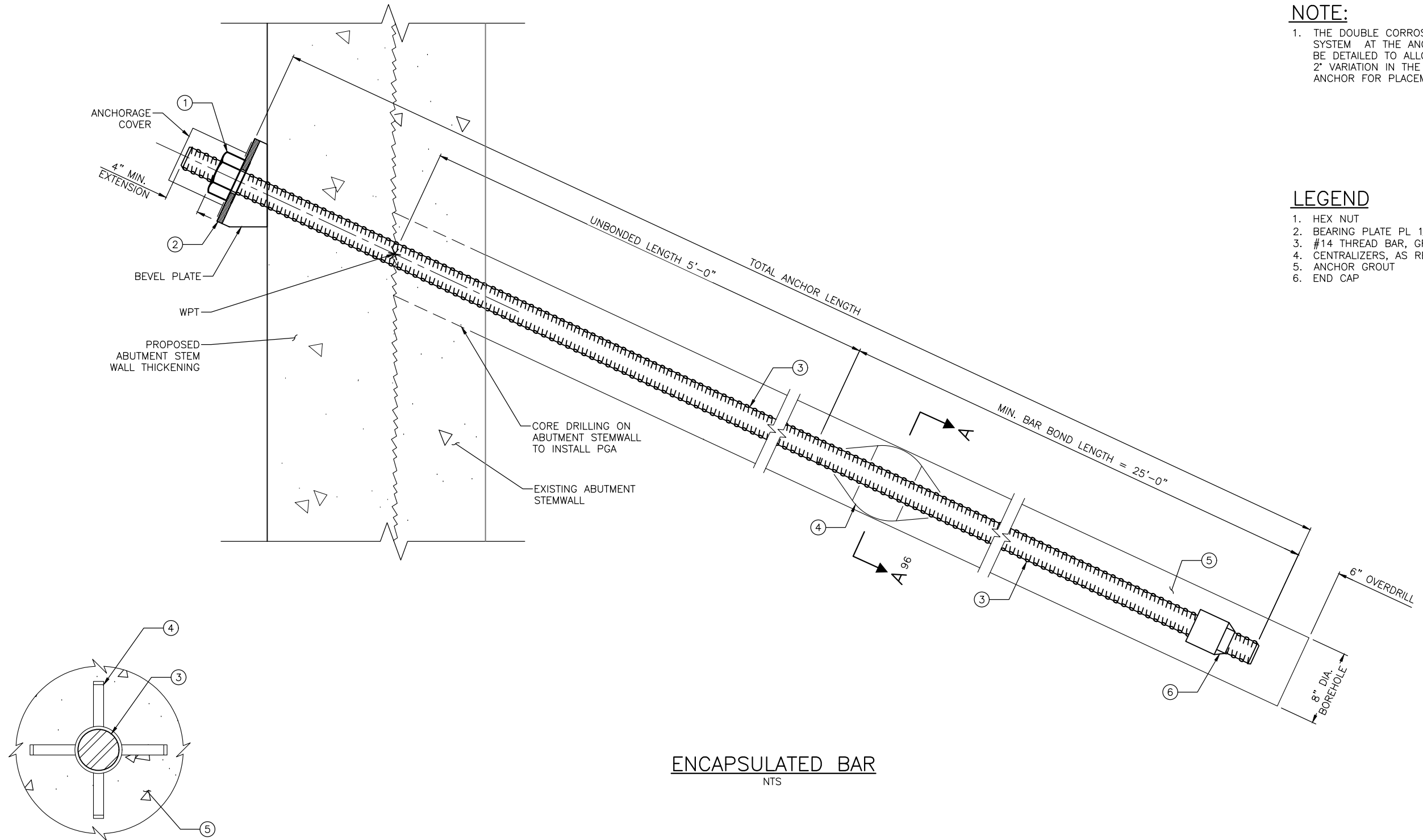
VAULT SERIAL NO.	DATE	MARK	NATURE	MADE CHKD	REV'D

NOTE:

1. THE DOUBLE CORROSION PROTECTION SYSTEM AT THE ANCHOR HEAD SHALL BE DETAILED TO ALLOW A MINIMUM OF ± 2" VARIATION IN THE SLOPE OF THE SOIL ANCHOR FOR PLACEMENT TOLERANCE.

LEGEND

1. HEX NUT
2. BEARING PLATE PL 1½ x 10 x 0'-10"
3. #14 THREAD BAR, GRADE 100
4. CENTRALIZERS, AS REQUIRED
5. ANCHOR GROUT
6. END CAP



ENCAPSULATED BAR
NTS

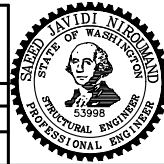
SECTION A-A 96

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PERMANENT GROUND ANCHOR DETAILS

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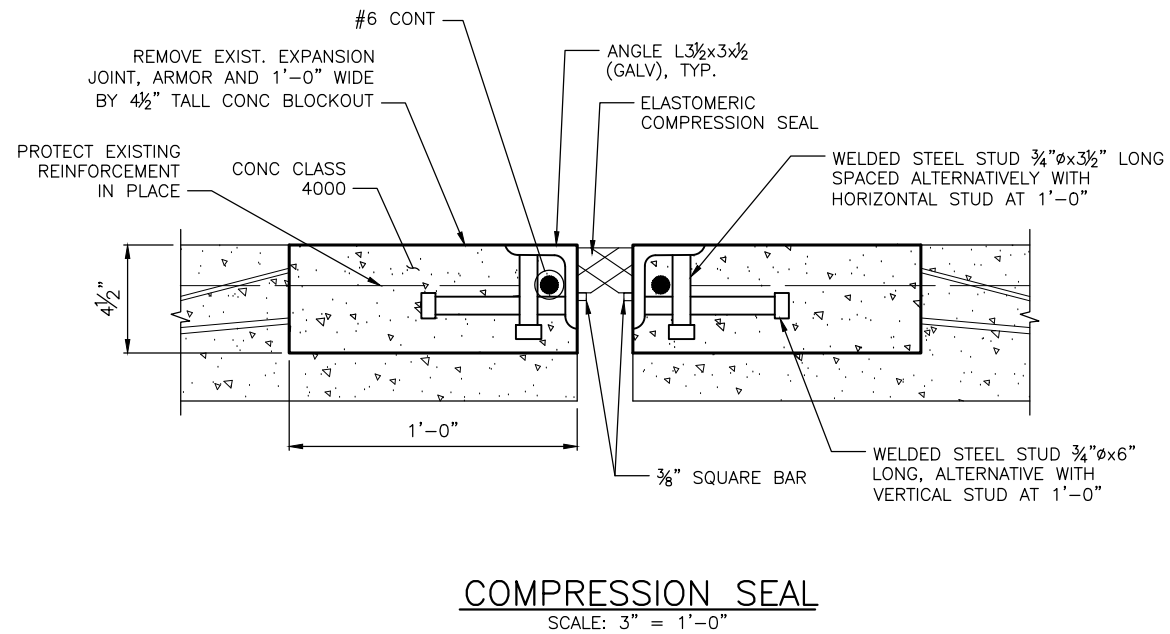
Seattle Department of Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: AS NOTED

**15TH AVE AND LEARY WAY
SEISMIC RETROFIT**

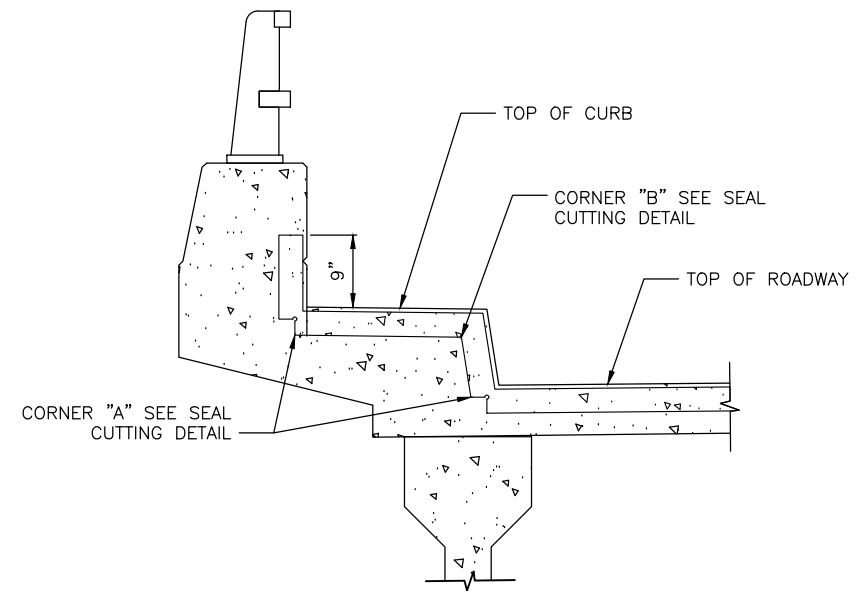
PC	CO
VPI #	
S-108	
SHEET 96 OF 97	

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

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COMPRESSION SEAL
SCALE: 3" = 1'-0"



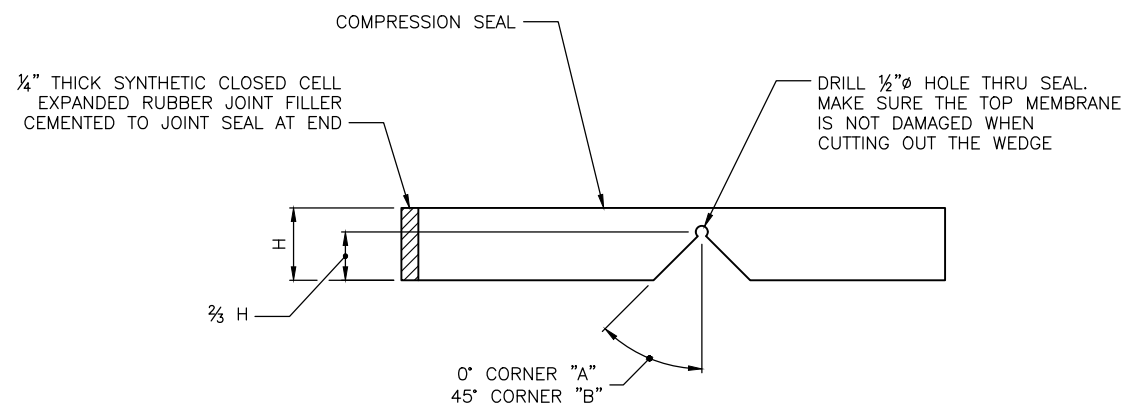
COMPRESSION SEAL AT ENDS DETAIL
SCALE: 1" = 1'-0"

COMPRESSION SEAL TABLE

D.S. BROWN		WATSON BOWMAN ACME	
SEAL	WIDTH	SEAL	WIDTH
CV-2000	2"	WA-200	2"

NOTES:

1. TESTING SHALL BE PER ASTM D2628 PRIOR TO USE OF COMPRESSION SEAL.



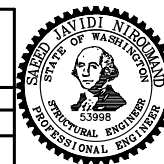
SEAL CUTTING DETAIL
SCALE: 1" = 1'-0"

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JOINT REPLACEMENT DETAILS

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15TH AVE AND LEARY WAY SEISMIC RETROFIT

PC	CO
VPI #	S-109
SHEET	97 OF 97

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