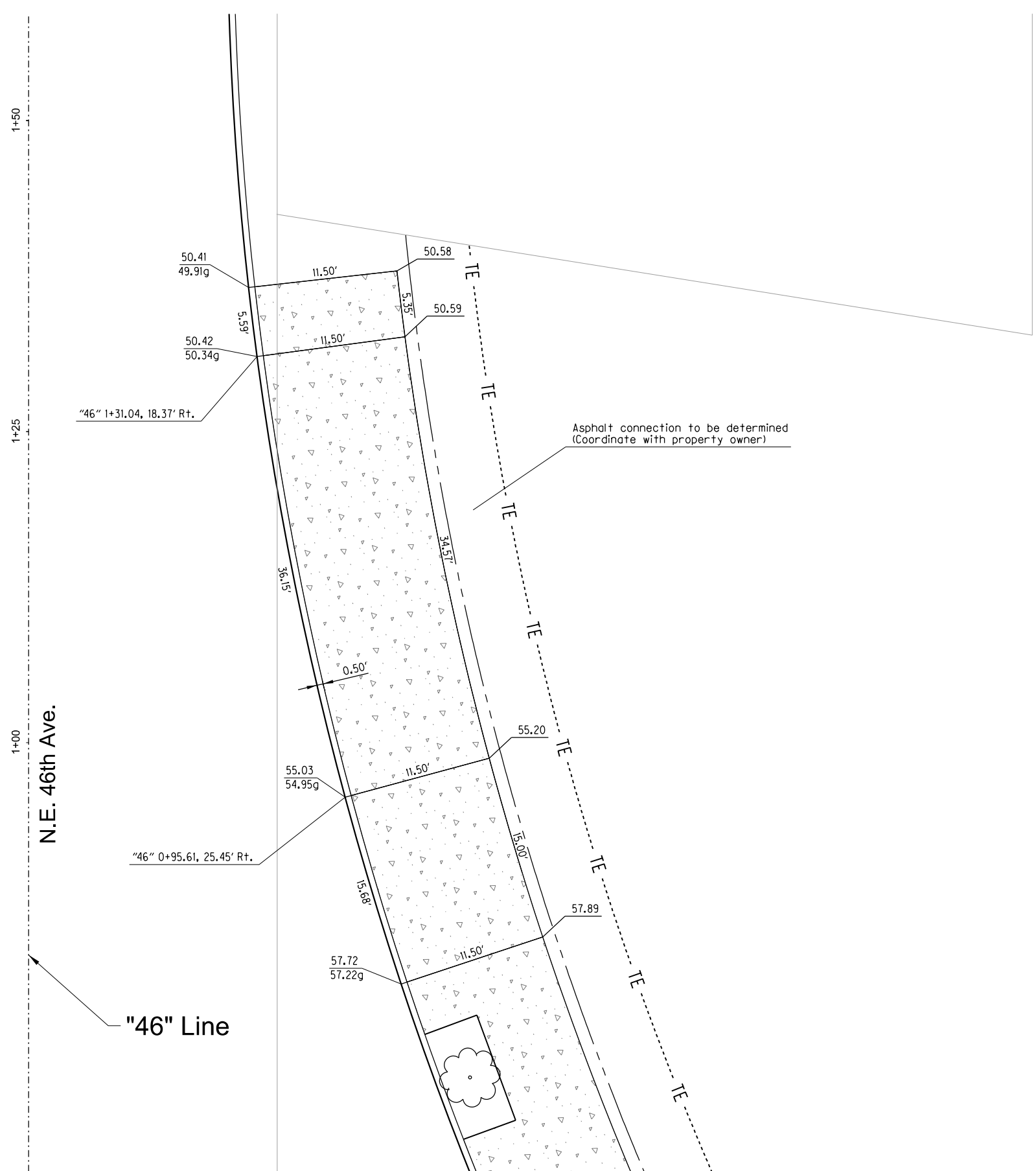
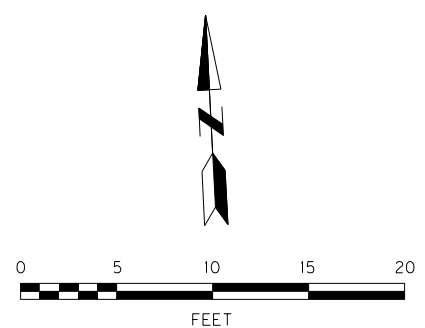


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LEGEND

Concrete sidewalks and driveways
(SQ.FT.)



KITTELSON
& ASSOCIATES

851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169

NO.	DATE	DESCRIPTION	APPROD.
REVISION			

DESIGNED BY <i>N. Polenske</i>	DATE APPROVED <i>July 2023</i>
CAD BY <i>M. Ruiz-Leon</i>	PBOT REVIEWER <i>R. Bennett</i>
CHECKED BY <i>D.Hippenstiel</i>	PBOT SUPV. <i>A. Mansor</i>

REGISTERED PROFESSIONAL
ENGINEER
72662PE
2024.05.10
Digitally Signed 152107-0700
OREGON
DECEMBER 31, 2025
DARREN A. HIPPENSTIEL
Expires 6/30/25

APPROVALS:
EVA HUNTSINGER, ENGINEERING MANAGER, 84470PE
TODD LILES, INTERIM CITY ENGINEER, 18563PE

PBOT

PORTLAND BUREAU OF TRANSPORTATION

MINGUS MAPPS
TODD LILES, P.E.

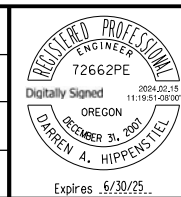
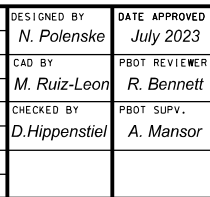
COMMISSIONER
INTERIM CITY ENGINEER



NE 46th Avenue & Bryant Street LID Phase I

Elevation Detail Plans

1/4 SECTION 2335
PROJECT NO. T00872
SHEET NO. 2F-14



APPROVALS:

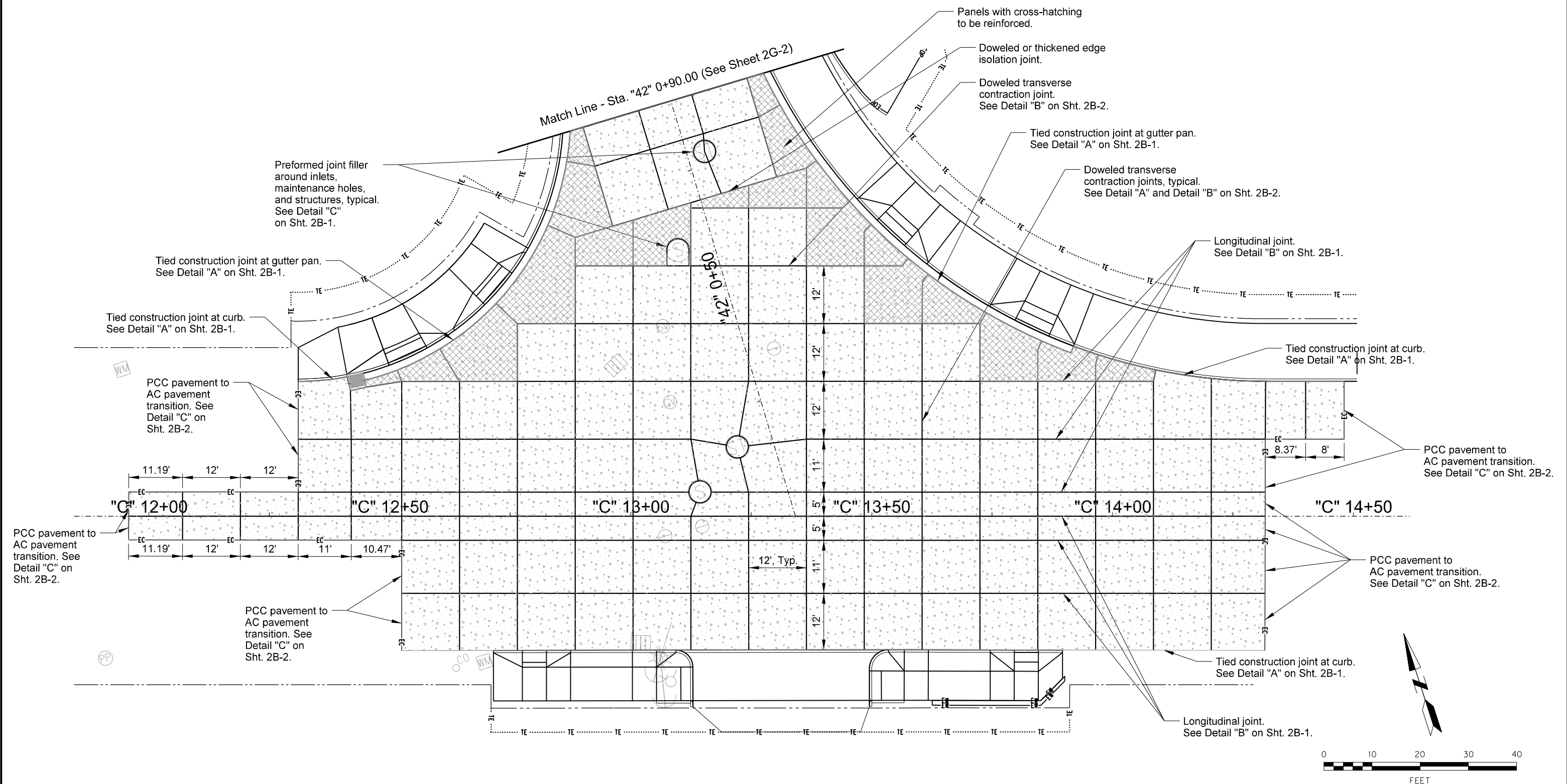
EVA HUNTSINGER, ENGINEERING MANAGER, 84470PE

TODD LILES, INTERIM CITY ENGINEER, 18563PE

PBOT
PORTLAND BUREAU OF TRANSPORTATION
 MINGUS MAPPS
 TODD LILES, P.E.
 COMMISSIONER
 INTERIM CITY ENGINEER



 KITTELSON & ASSOCIATES 851 SW 6TH AVENUE, SUITE 600 PORTLAND, OR 97204 P 503.228.5230 F 503.273.8169	1/4 SECTION 2335
	PROJECT NO. T00872
NE 46th Avenue & Bryant Street LID Phase I <i>Street Concrete Joint Plan</i>	SHEET NO. 2G-1





General Note:
For details not shown, see Shts. 2B-1 & 2B-2.



KITTELSON
& ASSOCIATES

NE 46th Avenue & Bryant Street LID Phase I

Street Concrete Joint Plan

1/4 SECTION	2335
PROJECT NO.	T00872
SHEET NO.	2G-

2/24	Removed temporary asphalt and adjustment of conc. pvmt. joint spacing.	DAH
NO.	DATE	DESCRIPTION
		DESCRIPTION
		APPD

DESIGNED BY <i>N. Polenske</i>	DATE APPROVED <i>July 2023</i>
CAD BY <i>M. Ruiz-Leon</i>	PB0T REVIEWED <i>R. Bennett</i>
CHECKED BY <i>D. Hippenstiel</i>	PB0T SUPV. <i>A. Mansori</i>



APPROVALS:

EVA HUNTSINGER, ENGINEERING MANAGER, 8447DPE

TODD LILES, INTERIM CITY ENGINEER, 18563PE

PBOT

PORTLAND BUREAU OF TRANSPORTATION

MINGUS MAPPS
TODD LEE, PE

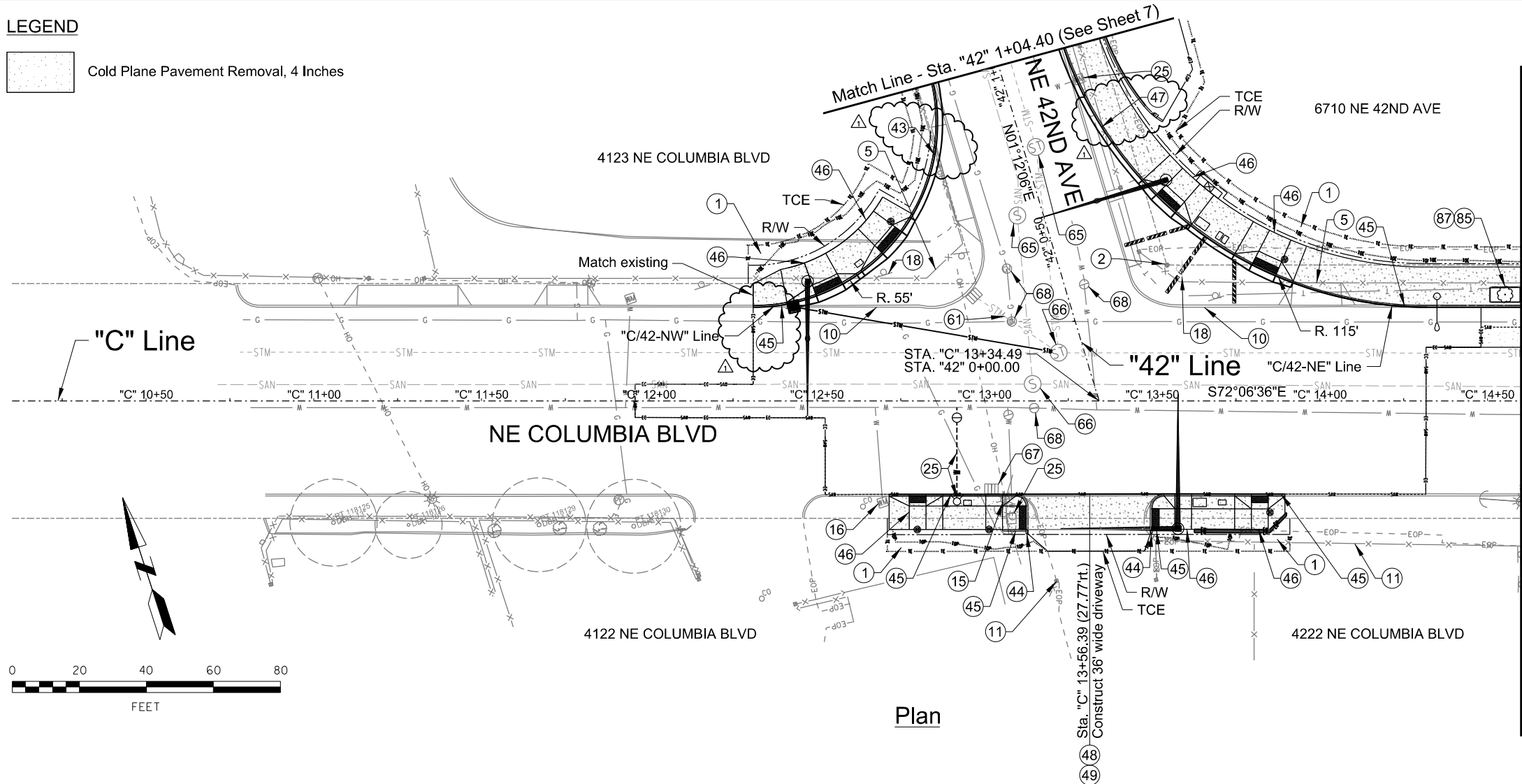
COMMISSIONER
INTERIM CITY ENGINEER



NE 46th Avenue & Bryant Street LID Phase I <i>Street Concrete Joint Plan</i>	174 SECTION
	2335
	PROJECT NO. T00872
	SHEET NO. 2G-2

LEGEND

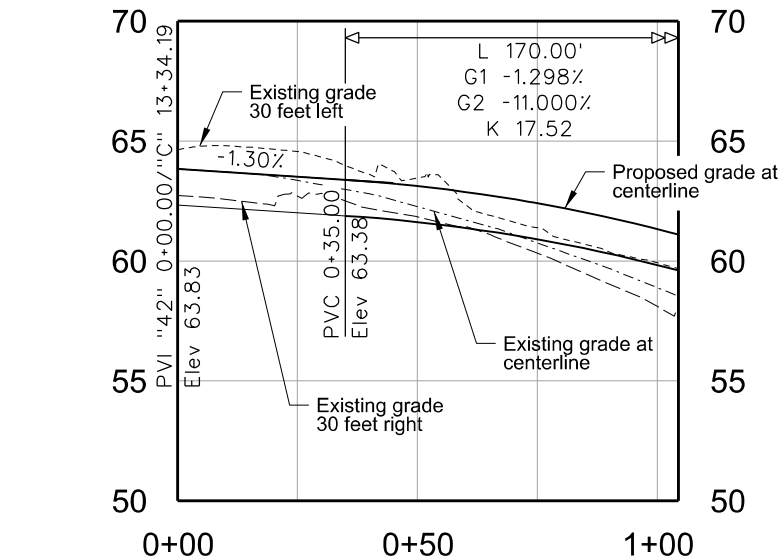
Cold Plane Pavement Removal, 4 Inches



Match Line - Sta. "C" 14+60.00 (See Sheet 4)

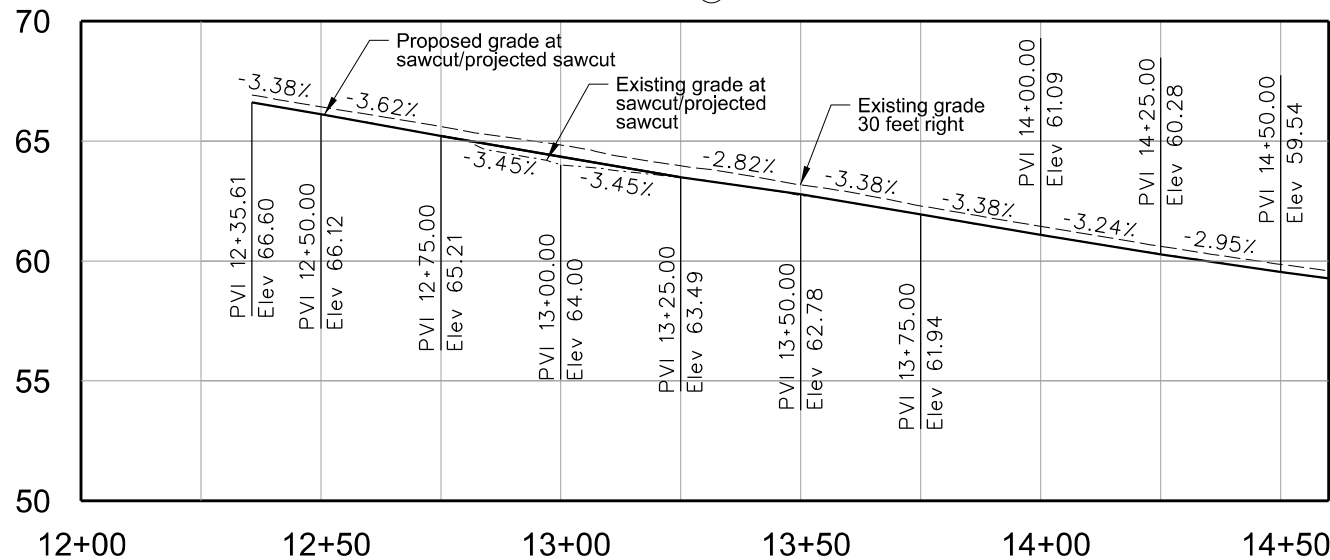
Construction Notes

- Restore right-of-way to existing conditions. Coordinate with adjacent property owner as necessary.
- Protect existing survey monument. Replace if damaged.
- Remove fence and gate, reconstruct at new property line. Coordinate with adjacent property owner and install temporary chain link fencing as necessary.
- Remove curb.
- Protect existing fence and gate.
- Utility pole to remain. Relocate two power guy wires (by others).
- Protect existing water meter.
- Remove and relocate private sign on new foundation (by others). Coordinate with property owner on status.
- Relocate existing water facility (by PWB).
- Construct curb and gutter with keyway. See Std. Drg. P-546.
- Construct curb ending. See Std. Drg. P-544.
- Construct monolithic curb and sidewalk. See Std. Drg. P-551.
- Construct curb ramp - 8 ea. Install safety yellow truncated domes on new surface. See 2F Shts. See Std. Drg. P-548.
- Construct monolithic curb and gutter and sidewalk. See Std. Drg. P-551.
- Construct asphalt approach. See Std. Drg. P-536.
- Construct concrete driveway. See 2F Shts. See Std. Drg. P-531.
- Abandon pipe in place.
- Adjust maintenance hole, major - 2 ea. See Std. Drg. P-507, Method B.
- Adjust maintenance hole, minor - 2 ea. See Std. Drg. P-507, Method B.
- Adjust inlet - 1 ea. See Std. Drg. P-201.
- Adjust box - 4 ea.
- Plant 2.5" tree. See sheet 2B-3 for species. See Std. Drg. P-581.
- Construct 4.5' x 9' tree well - 1 ea. Tree well to be 1.5' offset from face of curb. See Std. Drg. P-581.



"42" Line Profile

Scale: 1" = 4' Vert.
1" = 20' Horiz.



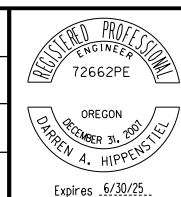
"C" Line (At Projected Sawcut - 22' Left of CL) Profile

Scale: 1" = 4' Vert.
1" = 20' Horiz.

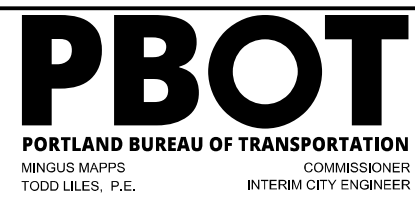
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NO.	DATE	DESCRIPTION	APPRO.
2/24		Extend concrete gutter limits.	DAH
REVISION			

DESIGNED BY N. Polenske	DATE APPROVED July 2023
CAD BY M. Ruiz-Leon	PBOT REVIEWER R. Bennett
CHECKED BY D.Hippenstiel	PBOT SUPV. A. Mansor



APPROVALS:
EVA HUNTSINGER, ENGINEERING MANAGER, 84470PE
TODD LILES, INTERIM CITY ENGINEER, 18563PE



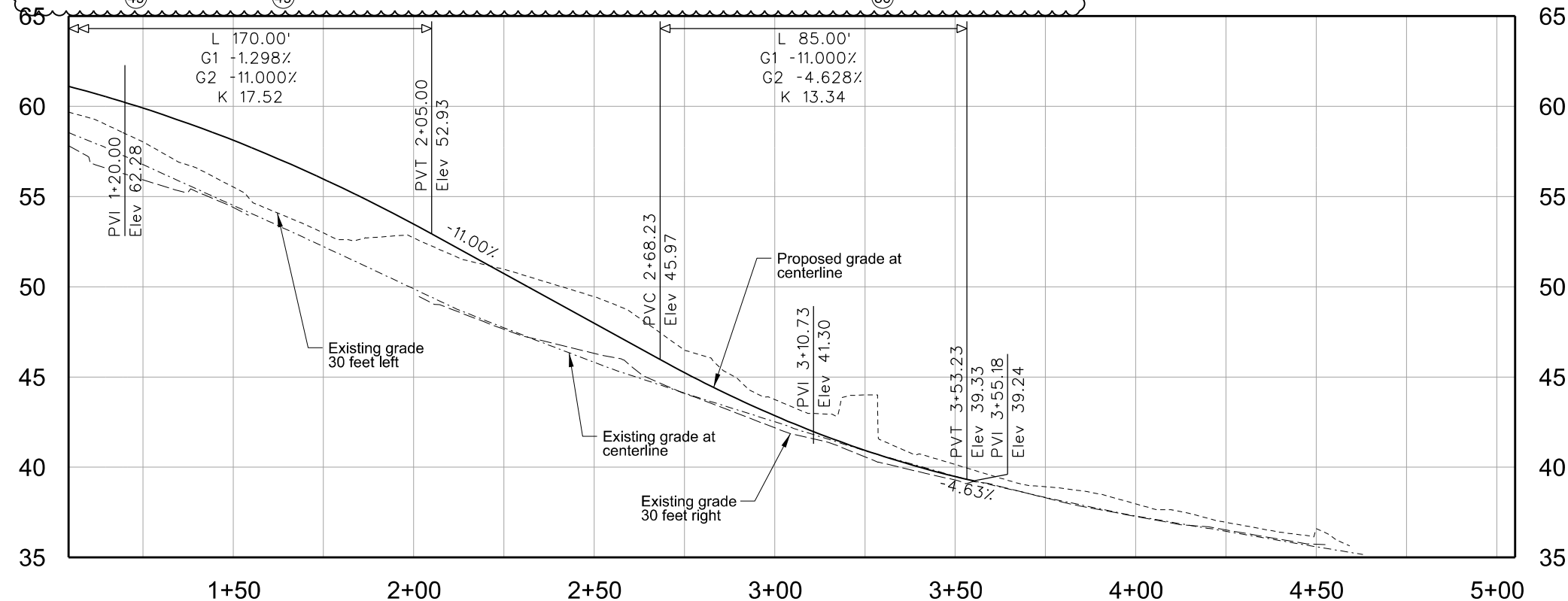
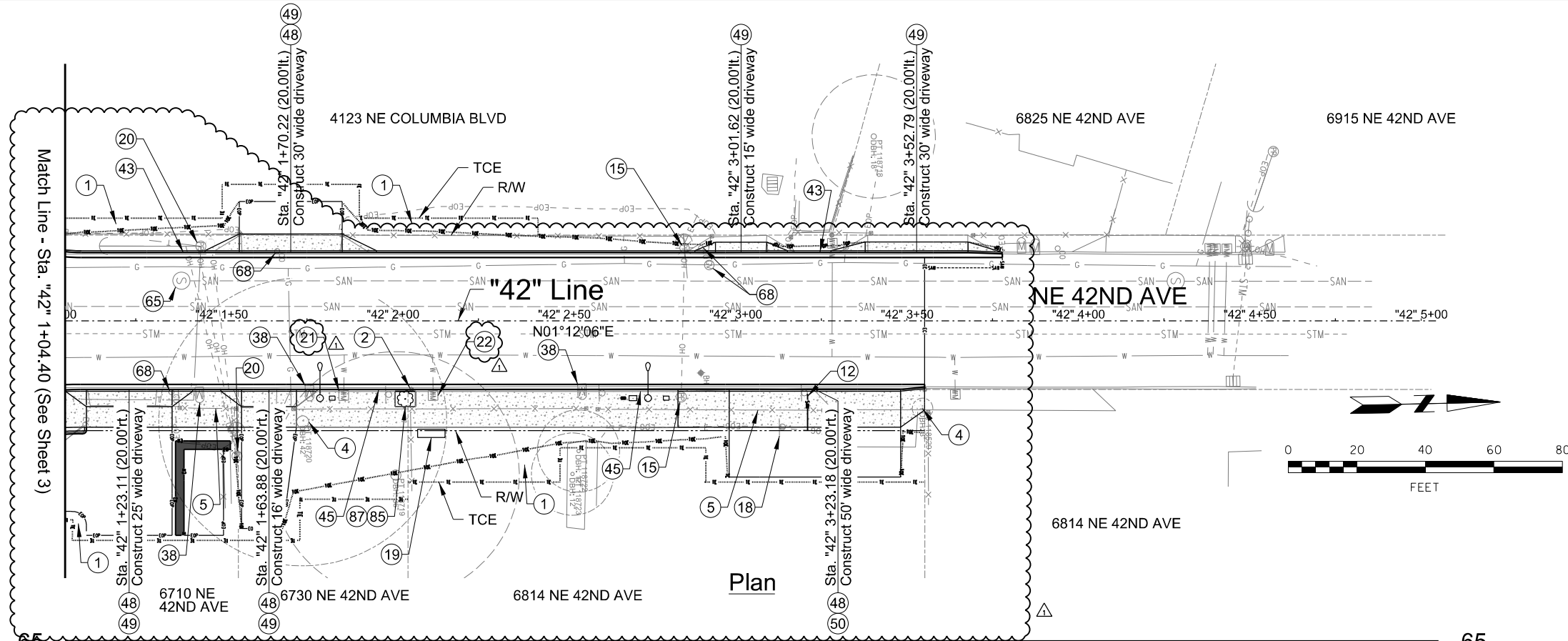
851 SW 6TH AVENUE, SUITE 600
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P 503.228.5230 F 503.273.8169

NE 46th Avenue & Bryant Street LID Phase I

Plan and Profile

1/4 SECTION
2335
PROJECT NO.
T00872
SHEET NO.
3

Plot Date: 2/20/2024 9:49:37 AM File: H:\23\23593\1/2 PBOT Streets On-Call\001 - NE 46th & Bryant LID\design\CD\23593-Plan and Profile-7-42nd.dgn



Construction Notes

- Restore right-of-way to existing conditions. Coordinate with adjacent property owner as necessary.
- Protect existing survey monument. Replace if damaged.
- Remove trees - 1 ea.
- Remove fence and gate, reconstruct at new property line. Coordinate with adjacent property owner and install temporary chain link fencing as necessary.
- Install 6" PVC ASTM D3034 SDR35 pipe - 11' (verify length) Connect to existing sewer lateral. Extend sewer lateral to R/W line and install temporary plug. Minimum slope toward main is 2%.
- Utility pole to remain.
- Remove private sign.
- Install backflow device (Coordinate with PWB). See Sht. 2B-4 for details.
- Relocate utility pole / guy wire (by PPL).
- Relocate water meter (by others).
- Kill water meter (by others).
- Relocate mailbox - 4 ea.
- Construct curb and gutter with keyway See Std. Drg. P-546.
- Construct monolithic curb and gutter and sidewalk. See Std. Drg. P-551.
- Construct asphalt approach. See Std. Drg. P-536.
- Construct concrete driveway. See 2F Shts. See Std. Drg. P-528.
- Construct concrete driveway. See 2F Shts. See Std. Drg. P-531.
- Adjust maintenance hole, major - 2 ea. See Std. Drg. P-507, Method B.
- Adjust box - 6 ea.
- Plant 2.5" tree. See sheet 2B-3 for species. See Std. Drg. P-581.
- Construct 4.5' x 9' tree well - 1 ea. Tree well to be 1.5' offset from face of curb. See Std. Drg. P-581.

KITTELSON & ASSOCIATES

851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169

NE 46th Avenue & Bryant Street LID Phase I

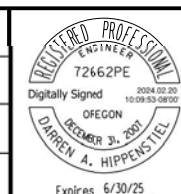
Plan and Profile

1/4 SECTION
2335
PROJECT NO.
T00872
SHEET NO.

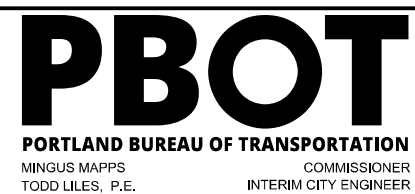
7

NO.	DATE	DESCRIPTION	APPROD.
2/24		Removed temporary asphalt, adjustment of conc. pvmt. joint spacing, change in driveway width.	DAH
REVISION			

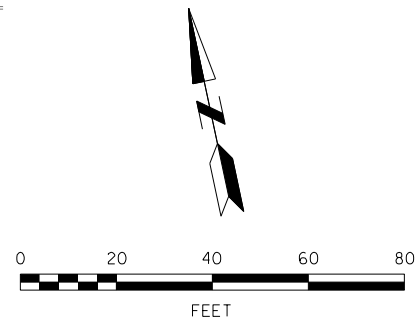
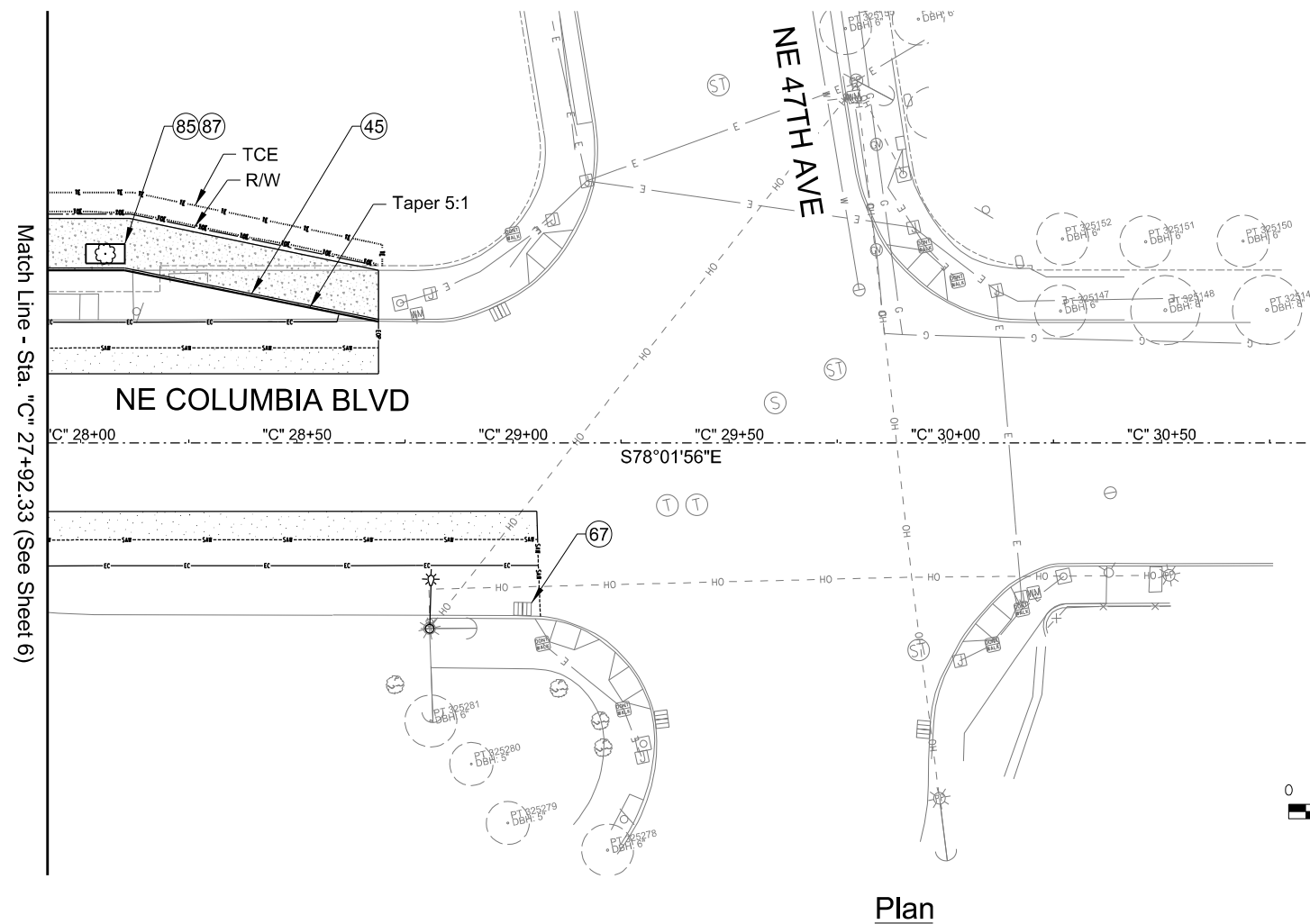
DESIGNED BY N. Polenske	DATE APPROVED July 2023
CAD BY M. Ruiz-Leon	PBOT REVIEWER R. Bennett
CHECKED BY D. Hippenstiel	PBOT SUPV. A. Mansor



APPROVALS:
EVA HUNTSINGER, ENGINEERING MANAGER, 84470PE
TODD LILES, INTERIM CITY ENGINEER, 18563PE



NE 46th Avenue & Bryant Street LID Phase I
Plan and Profile



LEGEND



Cold Plane Pavement Removal, 4 Inches

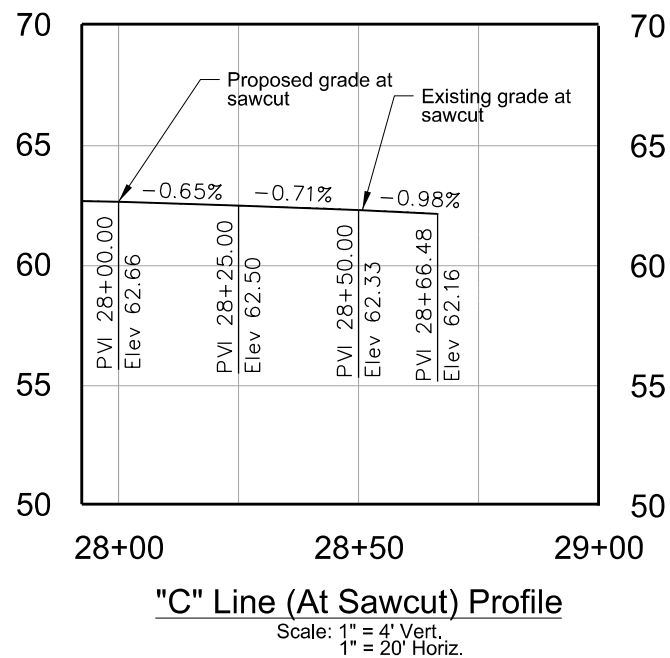
-  Construction Notes

45 Construct monolithic curb and sidewalk.
See Std. Drg. P-551.

67 Adjust inlet - 1 ea.
See Std. Drg. P-201.

85 Plant 2.5" tree.
See sheet 2B-3 for species.
See Std. Drg. P-581.

87 Construct 4.5' x 9' tree well - 1 ea.
Tree well to be 1.5' offset from face of curb.
See Std. Drg. P-581.



**KITTELSON
& ASSOCIATES**
851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169

3/24	Updates to project limits. 46th/Columbia intersection and bus pullouts.	DAH
NO.	DESCRIPTION	APPD.
REVISION		

DESIGNED BY <i>N. Polenske</i>	DATE APPROVED <i>July 2023</i>
CAD BY <i>M. Ruiz-Leon</i>	PB0T REVIEWER <i>R. Bennett</i>
CHECKED BY <i>D.Hippenstiel</i>	PB0T SUPV. <i>A. Mansor</i>



APPROVALS:

EVA HUNTSINGER, ENGINEERING MANAGER, 84470PE

TODD LILES, INTERIM CITY ENGINEER, 18563PE



NE 46th Avenue & Bryant Street LID Phase I

Plan and Profile

SECTION	2335
OBJECT NO.	T00872
SHEET NO.	8

CONSTRUCTION NOTES

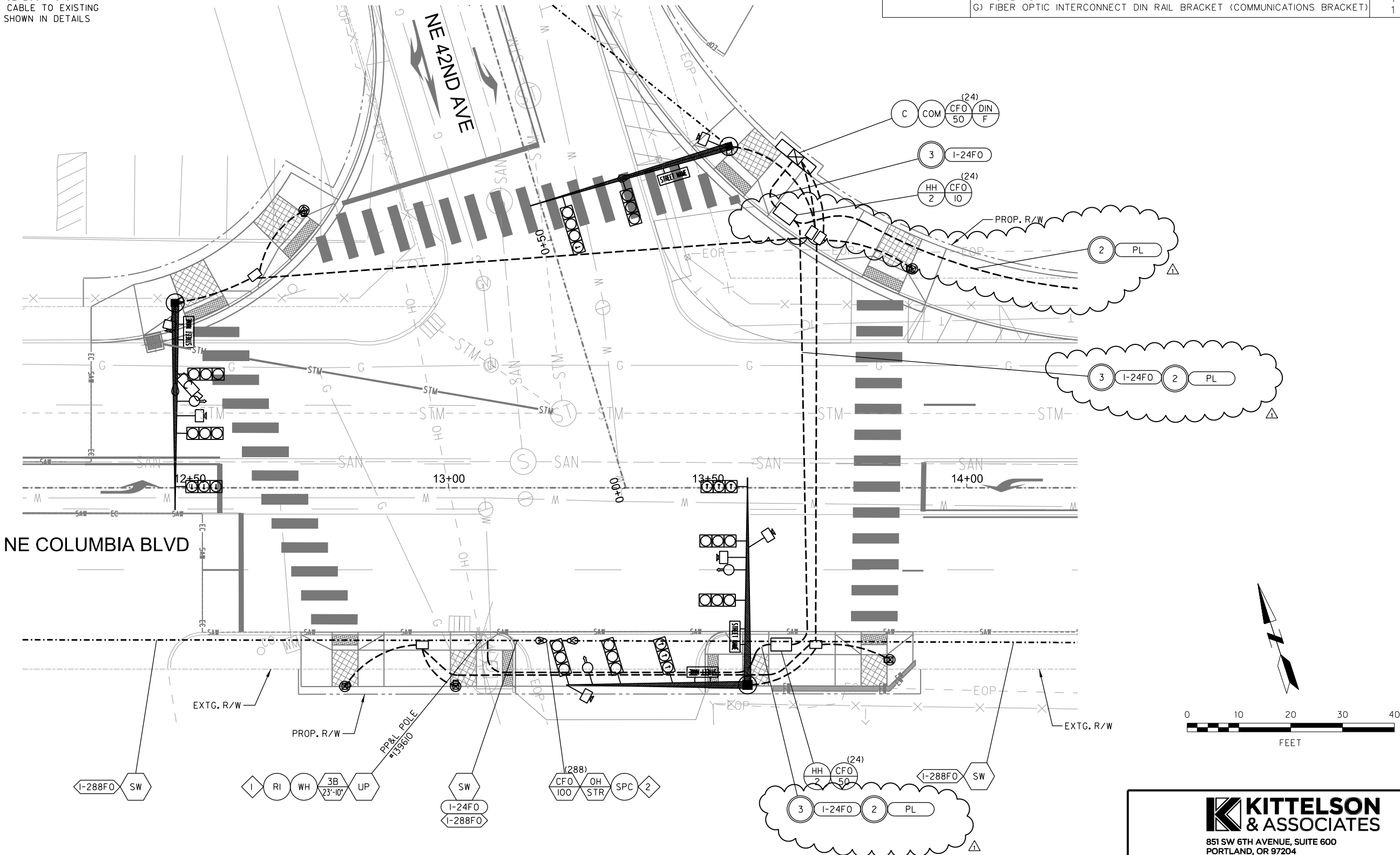
- 1

INSTALL 3" CONDUIT RISER ON SIDE OF POLE WITH WORKSPACE AVAILABLE BELOW (I.E. NOT FACING TRAFFIC) RISER SHALL NOT ENCR OACH INTO PEDESTRIAN THROUGH ZONE.
- 2

INSTALL AERIAL SPLICE CLOSURE ON EXISTING SPAN WIRE AT EXISTING OVERHEAD CABLE STORAGE LOCATION. SPLICE NEW 24-STRAND FIBER OPTIC CABLE TO EXISTING 288-STRAND FIBER OPTIC CABLE AS SHOWN IN DETAILS ON IC-04 AND IC-05.

COMPONENTS SCHEDULE

LOCATION	COMPONENTS	QUANTITY
NE 42ND AVE/ NE COLUMBIA BLVD	A) FIBER OPTIC NETWORK SWITCH (RUGGEDCOM RS900G) (AGENCY SUPPLIED)	1
	B) NETWORK PATCH CABLE (CAT6, 5' LENGTH)	3
	C) FIBER DISTRIBUTION UNIT (TYPE 1A, SC)	1
	D) FIBER OPTIC JUMPERS (DUPLEX SC-LC, 6' LENGTH)	4
	E) 1RU CABINET SHELF	1
	F) POWER STRIP	1
	G) FIBER OPTIC INTERCONNECT DIN RAIL BRACKET (COMMUNICATIONS BRACKET)	1



KITTELSON & ASSOCIATES

851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169

NE 46th Avenue & Bryant Street LID Phase I

Interconnect Plan

1/4 SECTION
2335
PROJECT NO.
T00872
SHEET NO.

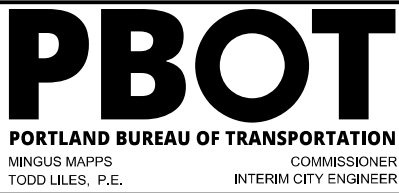
IC-02

NO.	DATE	DESCRIPTION	APPRO.
2/24	2/24	Add 2 inch conduit and handhole for TriMet	JBB
REVISION			

DESIGNED BY C. Farnsworth	DATE APPROVED June 2023
CAD BY C. Farnsworth	PB0T REVIEWER A. Tanaka
CHECKED BY J. Bansen	PB0T SUPV. C. Radosta



APPROVALS:
PETER KOONCI, ENGINEERING MANAGER, 53882PE
TODD LILES, INTERIM CITY ENGINEER, 18563PE



GENERAL NOTES

1. ALL STREET LIGHTING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2020 CITY OF PORTLAND STANDARD CONSTRUCTION SPECIFICATIONS EXCEPT AS NOTED ON THESE PLANS OR IN THE PROJECT SPECIAL PROVISIONS.
2. CONTRACTOR SHALL CONTACT STEFAN BUSSEY, C.O.P. STREET LIGHTING DESIGN (503-823-5556) PRIOR TO CONSTRUCTION FOR INFORMATION CONCERNING MATERIAL SUBMITTALS, AND INSTALLATION OF BURIED MATERIALS SUCH AS STREET LIGHT CONDUITS.
3. CONTRACTOR TO CONTACT C.O.P. STREET LIGHTING INSPECTOR (SSLINSPECTOR@PORTLANDOREGON.GOV) 2 WORKING DAYS PRIOR TO STARTING ANY STREET LIGHTING WORK AND PRIOR TO CONCEALING ANY MATERIALS THAT WILL BE BURIED IN SOIL, CONCRETE, OR CDF.
4. STREET LIGHTING POLES SHALL BE INSTALLED AT 30" BEHIND FACE OF CURB OR AS NOTED IN THE PLANS. ALL POLE LOCATIONS ARE MEASURED FROM THE ROADWAY CENTERLINE TO THE CENTER OF THE POLE.
5. PROVIDE ONE POLYESTER PULL TAPE RATED AT 1250 LBS, AND ONE ADDITIONAL YELLOW #12 AWG WIRE IN ALL CONDUITS. THIS CONDUCTOR WILL BE USED AS A "TRACER" WIRE FOR FUTURE LOCATING OF THE UNDERGROUND SYSTEM.
6. CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING ALL LIGHTING MATERIALS EXCEPT AS NOTED ON PLANS.
7. EXISTING STREET LIGHT CONDUIT LOCATION IS APPROXIMATE. EXACT LOCATION SHALL BE FIELD VERIFIED PRIOR TO START OF WORK.
8. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE LIGHTING OF WORK ZONE AREA.
9. POURED IN PLACE FOUNDATIONS SHALL BE POURED AGAINST NATIVE EARTH CONDITIONS. WHEN THE FOUNDATION IS POURED CYLINDRICAL TYPE FRAMING WILL NOT BE ACCEPTED UNLESS UNSTABLE EARTH CONDITIONS REQUIRE IT, AND THEN ONLY AT THE DISCRETION OF THE ENGINEER OR INSPECTOR. WHEN CYLINDRICAL FRAMING IS REQUIRED, THE FRAMING SHALL BE CONSTRUCTED FROM A SECTION OF STEEL CULVERT OR SONOTUBE.
10. A MINIMUM OF 25-FOOT SPACING IS TO BE MAINTAINED BETWEEN STREET LIGHTS AND TREES UNLESS APPROVED OTHERWISE BY THE CITY STREET LIGHTING SECTION.
11. ALL BURIED LIGHTING CONDUITS, EXCEPT 90 DEGREE ELBOWS, SHALL BE SCHEDULE 80 PVC. CONDUITS IN THE POLE FOUNDATIONS, STRUCTURES, ALL 90 DEGREE ELBOWS AND ALL EXPOSED CONDUITS SHALL BE RIGID GALVANIZED STEEL.
12. ALL STREET LIGHTING EQUIPMENT, CONDUIT AND FOUNDATIONS SHALL BE LOCATED IN THE STREET RIGHT-OF-WAY.
13. CONTRACTOR TO COORDINATE WITH DESIGN CONSULTANT TO SUBMIT AS-BUILT DRAWINGS IN CADD FORMAT (DGN OR DWG) AND HARD COPY AT THE COMPLETION OF THE PROJECT.
14. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. EXACT LOCATIONS TO BE FIELD VERIFIED PRIOR TO EXCAVATION.
15. ALL STREET LIGHTING WORK ON EXISTING UTILITY POLES SHALL BE DONE BY A QUALIFIED WORKER, PER NESC.
16. SEE CITY OF PORTLAND STANDARD DRAWINGS:
P-632: PULL BOX TYPE A & B DETAILS
P-651: STREET LIGHTING COBRAHEAD POLE DETAILS
P-660: STREET LIGHTING STANDARD STREET LIGHT STANDARD POLE FOOTING
P-671: STREET LIGHTING SERVICE CABINET DETAILS
P-680: STREET LIGHTING POLE WIRING DIAGRAMS
17. STREET LIGHT POLES ON NE COLUMBIA BLVD SHALL BE GALVANIZED STEEL.
18. EXISTING STREET LIGHTS MUST STAY OPERATIONAL UNTIL NEW STREET LIGHTS ARE INSTALLED AND SERVICE CONNECTED.

ILLUMINATION LEGEND CODE

- C
SLP

INSTALL COBRAHEAD STREET LIGHT POLE
- (S)
(T)

INSTALL (S) LIGHT POLE NUMBER AND (T) LIGHTING CIRCUIT
- SB
(T)

INSTALL TYPE (T) SIDEWALK PULL BOX, SEE STD. DRG. P-632
- TS
SLP

STREET LIGHT ON TRAFFIC POLE. SEE SIGNAL PLAN FOR DETAILS.
- PAN
(T)

INSTALL TYPE (T) SERVICE PANEL. SEE STD. DRGS. P-670 AND P-671
- PE

INSTALL PHOTOCELL
- UJB

INSTALL UTILITY JUNCTION BOX
- LUM

INSTALL LUMINAIRE. SEE LIGHT POLE TABLE FOR DETAILS
- (S)

INSTALL (S) IN DIAMETER ELECTRICAL CONDUIT
- PPL

INSTALL CONDUIT PER PP&L SPECIFICATION
- (S)SC

INSTALL (S) IN DIAMETER STUB-OUT CONDUIT
- PL

INSTALL PULL LINE
- (N)/(G)

INSTALL (N) - NO. (G) AWG XHHW WIRE
- G/(G)

INSTALL ONE (G) AWG GROUND WIRE
- UP

EXISTING UTILITY POLE
- LED

EXISTING LED LUMINAIRE
- LA
(L)

EXISTING (L) FT LUMINARE STREET LIGHT ARM
- LA

REMOVE EXISTING LUMINAIRE (STREET LIGHT) ARM
- LU

REMOVE EXISTING LUMINAIRE

STREET LIGHT POLE SCHEDULE

POLE NO.	CIRCUIT NO.	STREET	STATION	OFFSET	LAMP WATTAGE	INITIAL LUMEN OUTPUT	DISTRIBUTION TYPE	ARM LENGTH	MOUNTING HEIGHT	LIGHTING TYPE	NOTES (SEE LIGHTING PLANS AND GENERAL NOTES FOR DETAILS)
1	1	NE 42ND AVE	"42" 2+74.5	22.5' RT	27W LED	4058	2	8'	35'	COBRAHEAD	-
2	1	NE 42ND AVE	"42" 1+78.8	22.5' RT	27W LED	4058	2	8'	35'	COBRAHEAD	-
3	1	NE COLUMBIA BLVD	"C" 14+34.9	31.2' LT	123W LED	18338	2	8'	35'	COBRAHEAD	-
4	1	NE COLUMBIA BLVD	"C" 15+72.6	31.8' LT	123W LED	18338	2	8'	35'	COBRAHEAD	-
5	1	NE COLUMBIA BLVD	"C" 17+15.3	31.8' LT	123W LED	18338	2	8'	35'	COBRAHEAD	-
6	1	NE COLUMBIA BLVD	"C" 18+95.3	31.8' LT	123W LED	18338	2	8'	35'	COBRAHEAD	-
7	1	NE COLUMBIA BLVD	"C" 20+65.3	31.8' LT	123W LED	18338	2	8'	35'	COBRAHEAD	-
8	1	NE COLUMBIA BLVD	"C" 22+14.9	31.8' LT	123W LED	18338	2	8'	35'	COBRAHEAD	-
9	1	NE COLUMBIA BLVD	"C" 24+07.9	31.8' LT	123W LED	18338	2	8'	35'	COBRAHEAD	-
(EX) 99610	PP&L	NE COLUMBIA BLVD	(EX)	(EX)	59W LED	9039	3	8' (EX)	(EX)	WOOD UTILITY POLE	REMOVE AND REPLACE LUMINAIRE ON EXISTING POLE AND ARM
10	1	NE COLUMBIA BLVD	"C" 25+79.4	54.0' LT	59W LED	9039	3	12'	35'	COBRAHEAD	-
11	1	NE COLUMBIA BLVD	"C" 27+40.7	43.8' LT	123W LED	18338	2	8'	35'	COBRAHEAD	-
12	1	NE 46TH AVE	"46" 1+56.2	18.8' LT	27W LED	4058	2	8'	30'	COBRAHEAD	-

Lighting Values			
Intersection/Segment		Average Illuminance (foot-candles)	Uniformity (avg:min)
Intersection - NE 42nd Ave / NE Columbia Blvd	Target	>1.0	<3:1
	Design	1.19	2.98
Segment - NE 42nd Ave Columbia Blvd to Site Driveway	Target	>0.2	<6:1
	Design	0.53	5.30
Segment - NE Columbia Blvd 42nd Ave to 47th Ave	Target	>1.0	<3:1
	Design	1.30	3.25
Sidewalks - NE 42nd Ave Columbia Blvd to Site Driveway	Target	>0.2	-
	Design	0.42	-
Sidewalks - NE Columbia Blvd 42nd Ave to 46th Ave	Target	>0.2	-
	Design	0.94	-
Sidewalks - NE Columbia Blvd 46th Ave to 47th Ave	Target	>0.2	-
	Design	0.77	-



851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169

Plot Date: 3/8/2024 12:03:40 PM Filename: H:\23\23593 1/2 PBOT Streets On-Call\001 - NE 46th & Bryant LID\design_CD\23593-CD-ILLUMINATION-Ph1-IL-01.dgn

△	3/24	Lighting system extended with project limits on Columbia Blvd & 48th. Added 3 new light poles.	JBB
NO.	DATE	DESCRIPTION	APPD.
REVISION			

DESIGNED BY
C. Farnsworth

CAD BY
C. Farnsworth

CHECKED BY
J. Bansen

DATE APPROVED
June 2023

PBOT REVIEWER
S. Bussey

PBOT SUPV.
C. Radosta



APPROVALS:

PETER KOONCE, ENGINEERING MANAGER, 53882PE

TODD LILES, INTERIM CITY ENGINEER, 18563PE



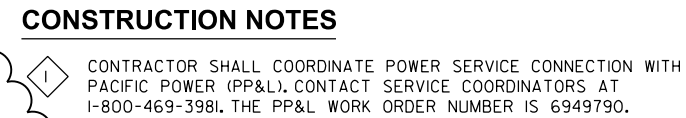
NE 46th Avenue & Bryant Street LID Phase I

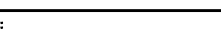
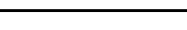
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and Legend

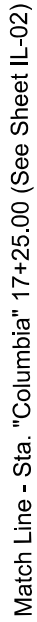
1/4 SECTION
2335

PROJECT NO.
T00872

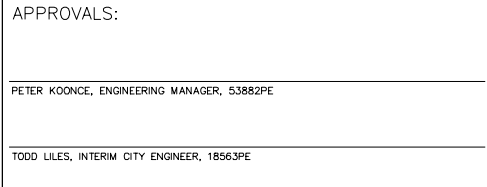
SHEET NO.
IL-01



 3/24 Service panel adjusted to accommodate revised driveway design. Added 3 poles with extended project limits.		JBB	DESIGNED BY C. Farnsworth CAD BY C. Farnsworth CHECKED BY J. Bansen	DATE APPROVED June 2023 PBOT REVIEWER S. Bussey PBOT SUPV. C. Radosta		APPROVALS: PETER KOONCE, ENGINEERING MANAGER, 53882PE TODD LILES, INTERIM CITY ENGINEER, 18563PE			NE 46th Avenue & Bryant Street LID Phase I <i>Illumination Plan</i>	1/4 SECTION 2335 PROJECT NO. T00872 SHEET NO. IL-02
NO.	DATE	DESCRIPTION	APPD.							
		REVISION								

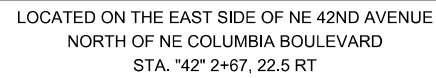


DESIGNED BY C. Farnsworth	DATE APPROVED June 2023
CAD BY C. Farnsworth	PB0T REVIEWER S. Bussey
CHECKED BY J. Bansen	PB0T SUPV. C. Radosta



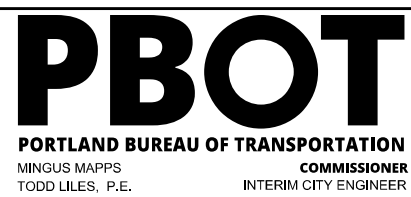
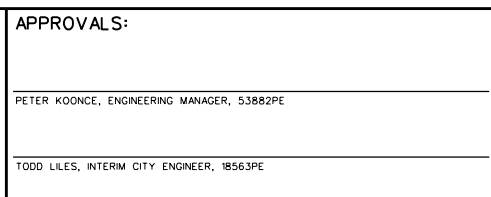
NE 46th Avenue & Bryant Street LID Phase I

SECTION	2335
OBJECT NO.	T00872
SHEET NO.	L-03



 NEW COBRAHEAD
STREET LIGHT NO. (S)

DESIGNED BY C. Farnsworth	DATE APPROVED June 2023
CAD BY C. Farnsworth	PB0T REVIEWER S. Bussey
CHECKED BY J. Bansen	PB0T SUPV. C. Radosta



4 SECTION
2335
PROJECT NO.
T00872
SHEET NO.
L-04

Plot Date: 5/20/2024 4:40:11 PM
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PBOT Streets On-Call\001 - NE 46th & Bryant LID\design\CD\23593-CD-SIGNING-STRIPING-PH1-SS-01.dgn

SIGNING NOTES

1. HEXAGON INDICATORS REFER TO TRAFFIC SIGN BUBBLE LEGEND SHOWN ON SHEET S-04.

2. REFER TO TRAFFIC SIGN NUMBER LEGEND ON SHEET S-04 FOR SIGN INFORMATION.

3. REFER TO SIGN AND POST DATA TABLE ON SHEET S-05 FOR SIGN, SUPPORT AND HARDWARE INFORMATION.
4. REFER TO PBOT STD. DWGS. P-400 TO P-420 FOR SIGN FABRICATION AND INSTALLATION DETAILS.

5. STREET NAME SIGNS ARE UNIQUE TO THE CITY OF PORTLAND. SEE PBOT STD. DWGS. P-420 FOR DESIGN DETAILS.

6. ALL NEW SIGNS SHALL BE MOUNTED WITH A MINIMUM OF 5-FEET OF HORIZONTAL CLEARANCE FROM ADJACENT FIRE HYDRANTS.

STRIPING NOTES

1. REMOVE ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS.

2. ALL STRIPING DIMENSIONS ARE TAKEN FROM CENTER OF STRIPE TO CENTER OF STRIPE.

3. REFER TO PAVEMENT MARKING STANDARD DETAIL BLOCKS SHOWN ON PBOT STD. DWGS. P-434 TO P-435 AND ODOT STD. DWGS. TM500 TO TM503. OVAL INDICATORS REFER TO ODOT STD. DWGS. RECTANGLE INDICATORS REFER TO PBOT STD. DWGS.
4. ALL LONGITUDINAL LINE WORK SHALL BE "THERMOPLASTIC, EXTRUDED, SURFACE, NON-PROFIED", 120 MILS THICK.

5. ALL TRANSVERSE LINE WORK, LEGENDS, SYMBOLS, AND ARROWS SHALL BE "TYPE B-HS: PREFORMED, FUSED THERMOPLASTIC FILM HIGH SKID".

6. CROSSWALKS SHALL BE 9 FEET WIDE.

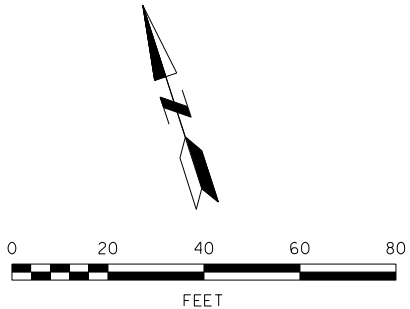
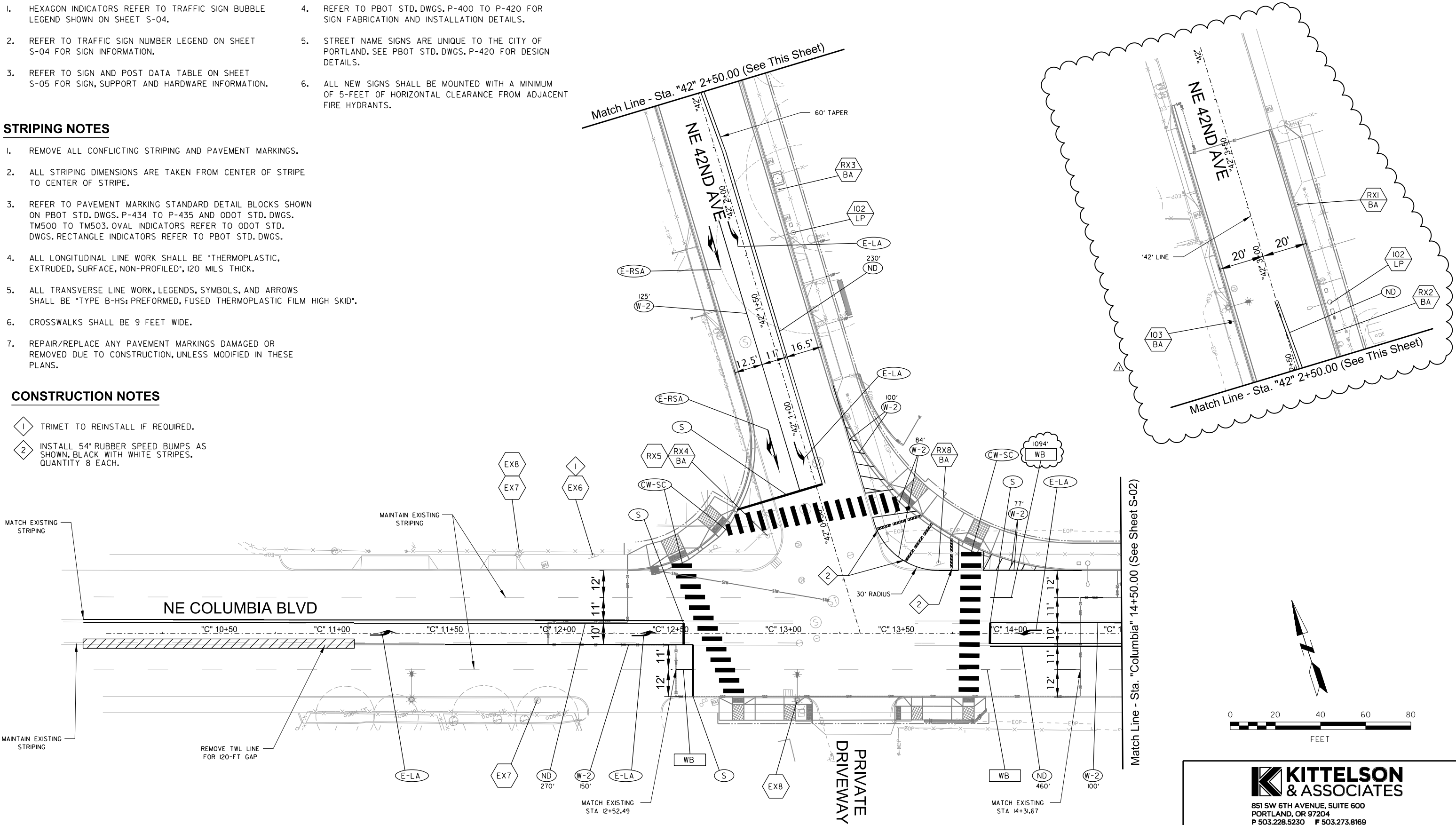
7. REPAIR/REPLACE ANY PAVEMENT MARKINGS DAMAGED OR REMOVED DUE TO CONSTRUCTION, UNLESS MODIFIED IN THESE PLANS.

CONSTRUCTION NOTES

- 1

TRIMET TO REINSTALL IF REQUIRED.
- 2

INSTALL 54" RUBBER SPEED BUMPS AS SHOWN, BLACK WITH WHITE STRIPES, QUANTITY 8 EACH.



KITTELSON & ASSOCIATES
851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169

3/24	Striping limits extended with project limits on Columbia Blvd & 46th.	JBB
NO.	DATE	DESCRIPTION
		REVISION

DESIGNED BY C. Farnsworth	DATE APPROVED June 2023
CAD BY C. Farnsworth	PBOT REVIEWER J. Finkle
CHECKED BY J. Bansen	PBOT SUPV. A. Buczek



APPROVALS:
JEANNE-MARIE JEFFREY, INTERIM CITY TRAFFIC ENGINEER, 16660PE
TODD LILES, INTERIM CITY ENGINEER, 18563PE

PBOT
PORTLAND BUREAU OF TRANSPORTATION
MINGUS MAPPS
TODD LILES, P.E.

COMMISSIONER
INTERIM CITY ENGINEER



NE 46th Avenue & Bryant Street LID Phase I	1/4 SECTION 2335
Signing and Striping Plan	PROJECT NO. T00872
	SHEET NO. S-01

Plot Date: 5/20/2024 4:40:24 PM
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PBOT Streets On-Call\001 - NE 46th & Bryant LID\design\CD-23593-CD-SIGNING-STRIPING-PhI-SS-02.dgn

SIGNING NOTES

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STRIPING NOTES

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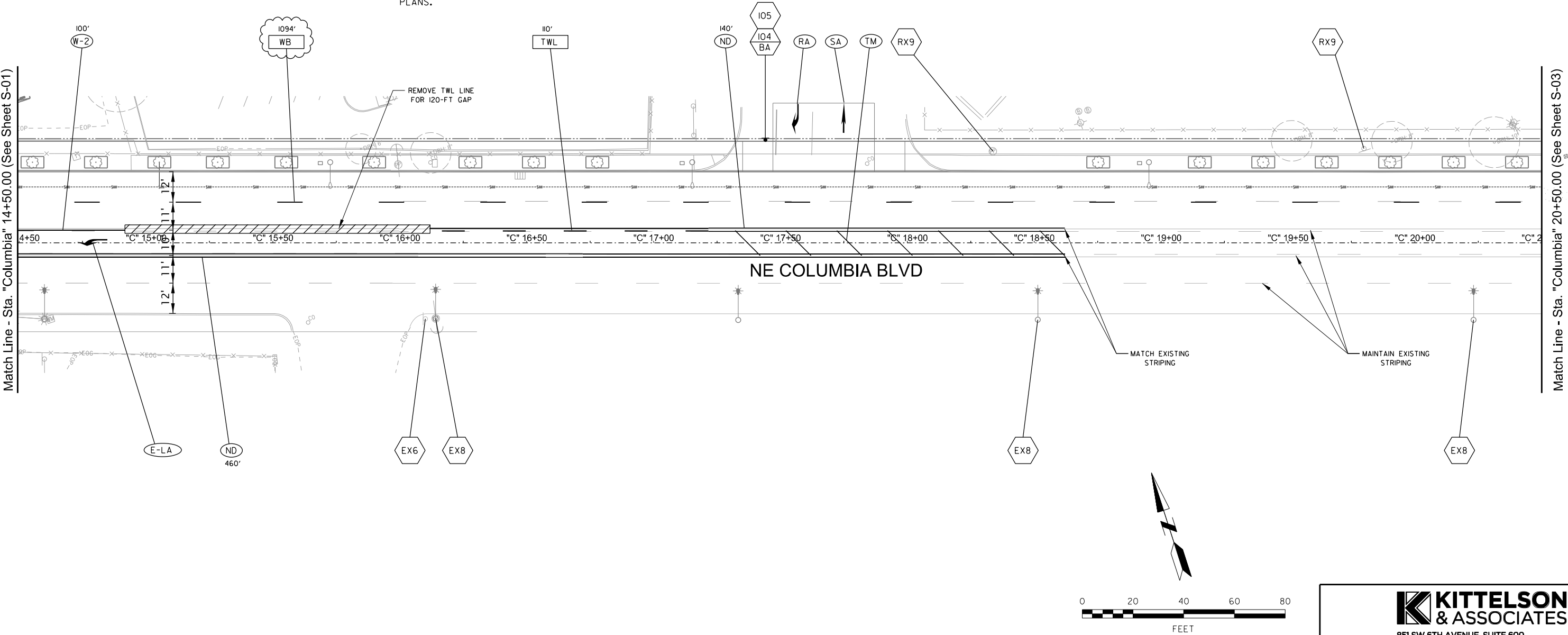
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6. CROSSWALKS SHALL BE 9 FEET WIDE.

7. REPAIR/REPLACE ANY PAVEMENT MARKINGS DAMAGED OR REMOVED DUE TO CONSTRUCTION, UNLESS MODIFIED IN THESE PLANS.



3/24	Striping limits extended with project limits on Columbia Blvd & 46th.	JBB
NO.	DATE	DESCRIPTION
		REVISION

DESIGNED BY	C. Farnsworth	DATE APPROVED	June 2023
CAD BY	C. Farnsworth	PBOT REVIEWER	J. Finkle
CHECKED BY	J. Bansen	PBOT SUPV.	A. Buczek



APPROVALS:
JEANNE-MARIE JEFFREY, INTERIM CITY TRAFFIC ENGINEER, 1666OPE
TODD LILES, INTERIM CITY ENGINEER, 18563PE

PBOT
PORTLAND BUREAU OF TRANSPORTATION
MINGUS MAPPS
TODD LILES, P.E.

COMMISSIONER
INTERIM CITY ENGINEER



KITTELSON & ASSOCIATES
851 SW 6TH AVENUE, SUITE 600
PORTLAND, OR 97204
P 503.228.5230 F 503.273.8169

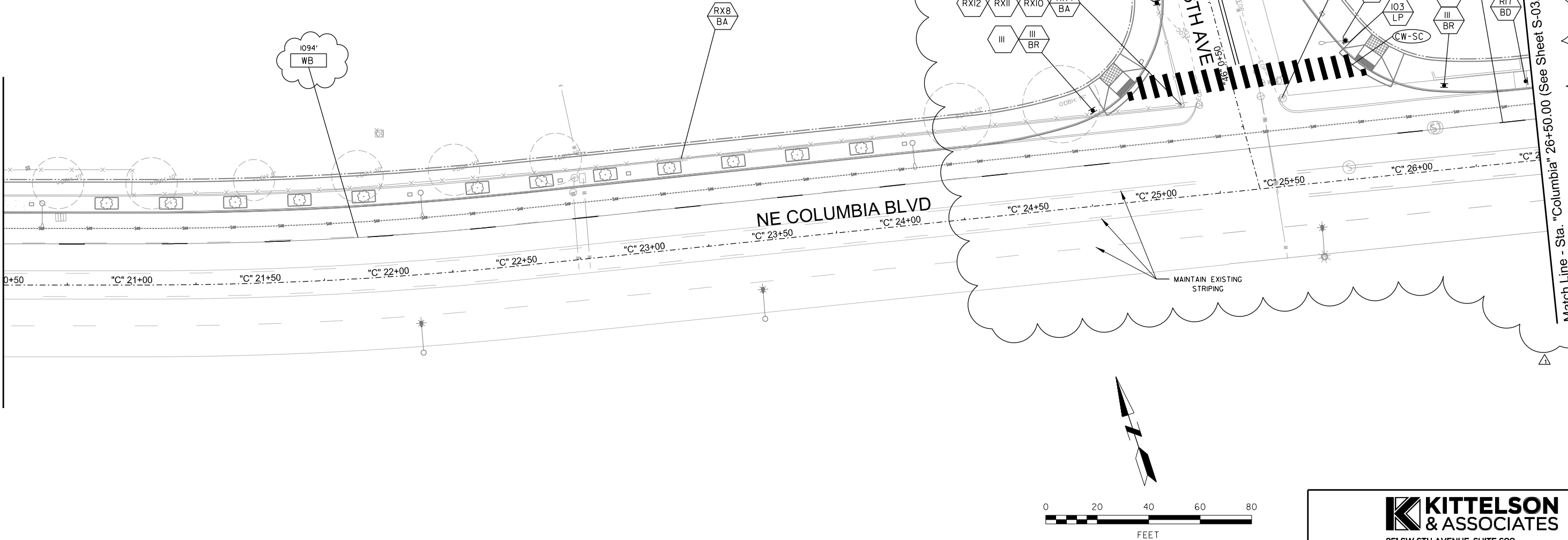
NE 46th Avenue & Bryant Street LID Phase I

Signing and Striping Plan

1/4 SECTION
2335
PROJECT NO.
T00872
SHEET NO.
S-02

1.	HEXAGON INDICATORS REFER TO TRAFFIC SIGN BUBBLE LEGEND SHOWN ON SHEET S-04.	4.	REFER TO PBOT STD.DWGS.P-400 TO P-420 FOR SIGN FABRICATION AND INSTALLATION DETAILS.
2.	REFER TO TRAFFIC SIGN NUMBER LEGEND ON SHEET S-04 FOR SIGN INFORMATION.	5.	STREET NAME SIGNS ARE UNIQUE TO THE CITY OF PORTLAND. SEE PBOT STD.DWGS.P-420 FOR DESIGN DETAILS.
3.	REFER TO SIGN AND POST DATA TABLE ON SHEET S-05 FOR SIGN,SUPPORT AND HARDWARE INFORMATION.	6.	ALL NEW SIGNS SHALL BE MOUNTED WITH A MINIMUM OF 5-FEET OF HORIZONTAL CLEARANCE FROM ADJACENT FIRE HYDRANTS.

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7. REPAIR/REPLACE ANY PAVEMENT MARKINGS DAMAGED OR REMOVED DUE TO CONSTRUCTION, UNLESS MODIFIED IN THESE PLANS.



3/24		Striping limits extended with project limits on Columbia Blvd & 46th.		JBB	DESIGNED BY C. Farnsworth	DATE APPROVED June 2023		APPROVALS:			NE 46th Avenue & Bryant Street LID Phase I <i>Signing and Striping Plan</i>	1/4 SECTION 2335
					CAD BY C. Farnsworth	PBOT REVIEWER J. Finkle		JEANNE-MARIE JEFFREY, INTERIM CITY TRAFFIC ENGINEER, 16660PE				PROJECT NO. T00872
					CHECKED BY J. Bansen	PBOT SUPV. A. Buczek		TODD LILES, INTERIM CITY ENGINEER, 18563PE				SHEET NO.
												S-03
NO.	DATE	DESCRIPTION		APPD.								
		REVISION										

SIGNING NOTES

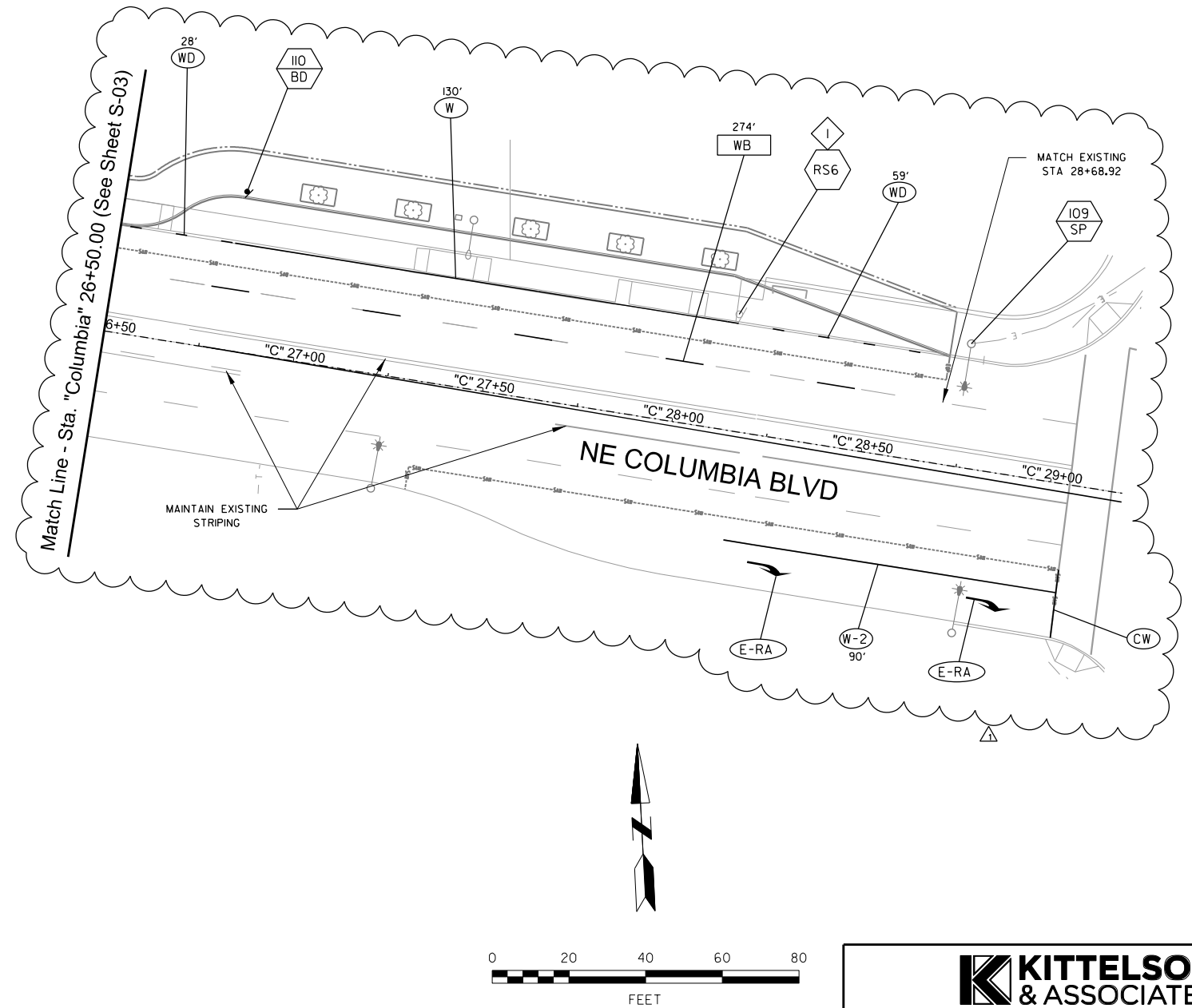
- | | |
|--|---|
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STRIPING NOTES

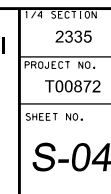
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CONSTRUCTION NOTES

- 1 TRIMET TO REINSTALL IF REQUIRED.



	3/24	Striping limits extended with project limits on Columbia Blvd & 46th. New sheet.	JBB	DESIGNED BY C. Farnsworth	DATE APPROVED June 2023	 REGISTERED PROFESSIONAL ENGINEER OREGON JOSEPH BRADLEY BANSEN EXPIRES: 12/31/2025	APPROVALS: JEANNE-MARIE JEFFREY, INTERIM CITY TRAFFIC ENGINEER, 1666OPE TODD LILES, INTERIM CITY ENGINEER, 1856JPE	 PBOT PORTLAND BUREAU OF TRANSPORTATION MINGUS MAPPS TODD LILES, P.E. COMMISSIONER INTERIM CITY ENGINEER		NE 46th Avenue & Bryant Street LID Phase I	Signing and Striping Plans	174 SECTION 2335 PROJECT NO. T00872 SHEET NO. S-03A
				CAD BY C. Farnsworth	PBOT REVIEWER J. Finkle							
				CHECKED BY J. Bansen	PBOT SUPV. A. Buczek							
NO.	DATE	DESCRIPTION	APPD.									
		REVISION										



1/ IF SIGN LOCATION IS
IN CONFLICT WITH OR BLOCKED BY
EXISTING STREET FEATURES
CONTACT THE ENGINEER
PRIOR TO INSTALLATION.

2/ BK=BLACK
BL=BLUE
BR=BROWN
FY=FLUORESCENT YELLOW
G=GREEN
O=ORANGE
R=RED
RB=RED-BLUE
W=WHITE
Y=YELLOW
YG=YELLOW-GREEN
DG=DARK GRAY

3/ INCLUDES BANDING AND BANDING CLIPS.

4/ MINIMUM DEPTH OF FOOTING FOR TRIANGULAR BASE BREAKAWAY INSTALLATION IS BASED ON 2' DIAMETER FOOTING. FOR ADDITIONAL INFORMATION SEE ODOT STANDARD DRAWING TM602.

Sign and Post Data Table

4 SECTION	2335
PROJECT NO.	T00872
SHEET NO.	S-05

3/24	Striping limits extended with project limits on Columbia Blvd & 46th.	JBB	DESIGNED BY C. Farnsworth	DATE APPROVED June 2023
			CAD BY C. Farnsworth	PBOT REVIEWER J. Finkle
			CHECKED BY J. Bansen	PBOT SUPV. A. Buczek
NO.	DATE	DESCRIPTION	APPO.	
REVISION				



APPROVALS:

JEANNE-MARIE JEFFREY, INTERIM CITY TRAFFIC ENGINEER, 16660PE

TODD LILES, INTERIM CITY ENGINEER, 18563PE

PBOT
PORTLAND BUREAU OF TRANSPORTATION
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