CITY OF KIRKLAND

CIP NO. NMC08720000
JOB NO. 29-22-PW

NE 131ST WAY/90TH AVENUE NE NONMOTORIZED IMPROVEMENTS PROJECT

APRIL 2023

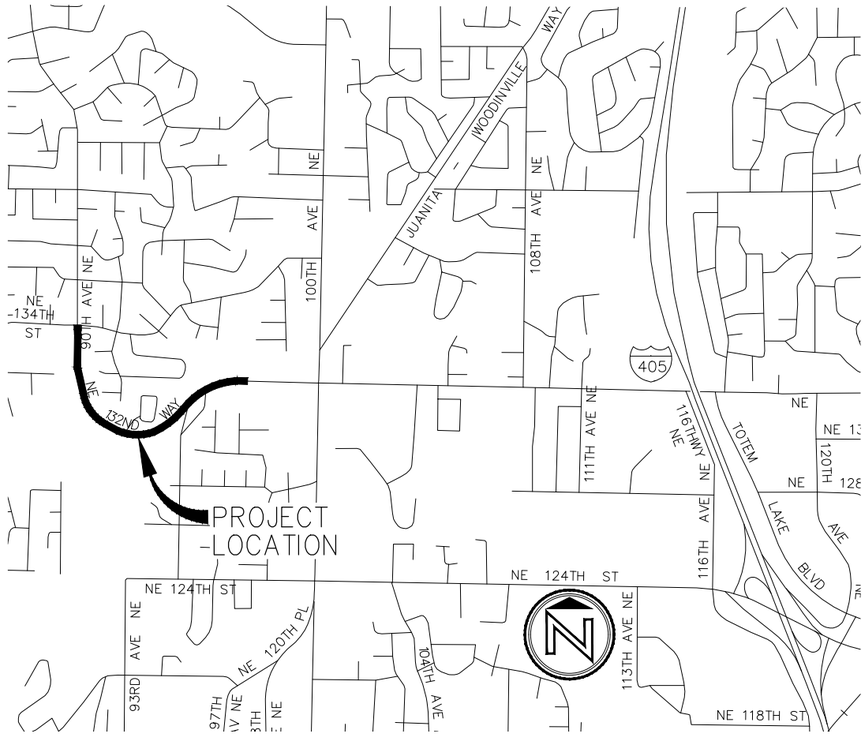
CITY OFFICIALS

PENNY SWEET	MAYOR
JAY ARNOLD	DEPUTY MAYOR
NEAL BLACK	COUNCIL MEMBER
KELLI CURTIS	COUNCIL MEMBER
AMY FALCONE	COUNCIL MEMBER
TOBY NIXON	COUNCIL MEMBER
JON PASCAL	COUNCIL MEMBER
KURT TRIPLETT	CITY MANAGER
JULIE THUY UNDERWOOD	PUBLIC WORKS DIRECTOR
ROD STEITZER, P.E.	CAPITAL PROJECTS MANAGER
JOEL PFUNDT	TRANSPORTATION MANAGER

CONTACT PERSONNEL

NAME	AGENCY	PHONE
JANESSA DONATO, PE	PERTEET, INC.	206-436-0530
MATTHEW BROOKS	COK PROJECT ENGINEER	425-587-3845
RAY STEIGER	COK SUPERINTENDENT	425-587-3825
NATHEN HOWER	COK STREETS AND GROUNDS MANAGER	425-587-3909
JOSHUA PANTZKE	COK UTILITY MANAGER	425-587-3917
	COK POLICE	425-587-3400
	COK FIRE	425-587-3650

VICINITY MAP



PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

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04/10/2023

DWG. NO. GN1

SHEET 1 / 27

Know what's below. Call before you dig.

WATER SYMBOLS

SYMBOL EXIST.	SYMBOL PROP.	DESCRIPTION
		CAP/PLUG
		COUPLING
		GUARD POST
		REDUCER
		THRUST BLOCKING
		WATER METER
		FIRE HYDRANT 2–NOZZLE
		FIRE HYDRANT 3–NOZZLE
		FLANGE/BLINDE FL (FL) (BL FL)
		MECHANICAL JOINT (MJ)
		PUSH–ON/HUB
		THREAD
		GATE/GENERAL VALVE

GAS/POWER/TELEPHONE SYMBOLS

SYMBOL EXIST.	SYMBOL PROP.	DESCRIPTION
		GAS METER
		GAS VALVE
		PAD MOUNTED TRANSFORMER
P	P	POWER VAULT
		UTILITY POLE
		UTILITY POLE ANCHOR
		TELEPHONE RISER
T	T	TELEPHONE VAULT

SURFACE FEATURES/LANDSCAPING

SYMBOL EXIST.	SYMBOL PROP.	DESCRIPTION
BUS	BUS	BUS STOP
		MAIL BOX
		ROCKERY
		SHRUB
		SIGN
		TREE (CONIFER)
		TREE (DECIDUOUS)
		FENCE POST
		WHEELCHAIR RAMP
		LUMINAIRE

SANITARY/STORM SEWER SYMBOLS

SYMBOL EXIST.	SYMBOL PROP.	DESCRIPTION
		SANITARY SEWER CLEAN OUT
		SANITARY SEWER MANHOLE
		STORM DRAIN CATCH BASIN (TYPE 1)
		STORM DRAIN CULVERT
		STORM DRAIN CATCH BASIN (TYPE 2)
		STORM DRAIN MANHOLE

SURVEY SYMBOLS

SYMBOL EXIST.	SYMBOL PROP.	DESCRIPTION
		ANGLE POINT
		BENCH MARK
		BLOCK CORNER
		IRON PIPE
		MONUMENT (IN CASE)
		MONUMENT (SURFACE)
		OWNERSHIP TIE
		SECTION CENTER
		SECTION CORNER
		QUARTER CORNER
		SIXTEENTH CORNER
		SPOT ELEVATION

ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION
	TYPE 1, 2 & 8 JUNCTION BOX
	LUMINAIRE
	ELECTRICAL SERVICE CABINET
	CONDUIT
	STRING LIGHTING
	RAPID REFLECTIVE FLASHING BEACON

CHANNELIZATION SYMBOLS

SYMBOL EXIST.	SYMBOL PROP.	DESCRIPTION
ONLY	ONLY	ONLY
STOP	STOP	STOP
		STRAIGHT ARROW
		LT.RT.STR. ARROW
		LEFT–RIGHT ARROW
		LEFT TURN ARROW
		RIGHT TURN ARROW
		LEFT–STRAIGHT ARROW
		RIGHT–STRAIGHT ARROW
		LANE MARKER TYPE I
		LANE MARKER TYPE II

NORTH ARROW

DATUM
NAD83(91)

ABBREVIATIONS

AC	ASBESTOS CEMENT
ACP	ASPHALT CONCRETE PAVEMENT
ADJ	ADJUST
ALIGN	ALIGNMENT
ALUM	ALUMINUM
ALT	ALTERNATE
AP	ANGLE POINT
APPROX	APPROXIMATELY
ASPH	ASPHALT
AVE	AVENUE
AVG	AVERAGE
BM	BENCH MARK
BOT	BOTTOM
BTWN	BETWEEN
CB	CATCH BASIN
CB1	CATCH BASIN TYPE 1
CB2	CATCH BASIN TYPE 2
CG	CURB & GUTTER
C/L, CL, C	CENTERLINE
COK	CITY OF KIRKLAND
CHANN	CHANNELIZATION
COM	COMMON
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCT
CONT	CONTINUED/CONTINOUS
CSTC	CRUSHED SURFACING TOP COURSE
DET	DETAIL
DI	DUCTILE IRON
DWG	DRAWING
EA	EACH
EL	ELEVATION
EX, EXST	EXISTING
FH	FIRE HYDRANT
FT	FEET/FOOT
G	GAS LINE
GE	GROUND ELEVATION
GV	GAS VALVE
HMA	HOT MIX ASPHALT
HORIZ	HORIZONTAL
HPS	HIGH PRESSURE SODIUM
HT	HEIGHT
IE	INVERT ELEVATION
ILLUM	ILLUMINATION
IN	INCH/INCHES
INT	INTERSECTION
LB	POUND
LBS	POUNDS
LF	LINEAL FOOT/FEET
LT	LEFT
LUMIN	LUMINAIRE
MAX	MAXIMUM
MB	MAILBOX
MH	MANHOLE
MIN	MINIMUM
MON	MONUMENT
N	NORTH
NA	NOT APPLICABLE
NTS	NOT TO SCALE
OPP	OPPOSITE
PC	POINT OF CURVE
PG	PERFORMANCE GRADE
PT	POINT OF TANGENT
PVMT	PAVEMENT
R	RADIUS
RRFB	RECTANGULAR RAPID FLASHING BEACON
REF	REFERENCE
RT	RIGHT
RTM	RUBBER TILE MAT
R/W, ROW	RIGHT OF WAY
S	SOUTH
SD	STORM DRAIN
SEW	STRUCTURAL EARTH WALL
STLT	STREET LIGHT
SLJB	STREET LIGHTING JUNCTION BOX
SS	SANITARY SEWER
ST	STREET
STA	STATION
STD	STANDARD
S/W	SIDEWALK
T.O.C.	TOP OF CURB
TV	TELEVISION
UD	UNDERDRAIN
UTIL	UTILITY
VERT	VERTICAL
W	WEST, WATER LINE
W/	WITH

LINETYPES

LINE	DESCRIPTION
	SURFACE FEATURES:
	EXISTING BUILDING LINE
	PROPOSED BUILDING LINE
	EXISTING DITCH
	PROPOSED DITCH
	EXISTING CURB/PAVEMENT/SIDEWALK
	PROPOSED CURB/PAVEMENT/SIDEWALK
	EXISTING FENCE LINE
	PROPOSED FENCE LINE
	EXISTING GUARDRAIL
	PROPOSED GUARDRAIL
	EXISTING GRAVEL
	EXISTING RETAINING WALL
	PROPOSED RETAINING WALL
	VEGETATION LINE
	SURVEY:
	EXISTING CENTERLINE
	PROPOSED CENTERLINE
	EXISTING CONTOUR (INTERMEDIATE)
	EXISTING CONTOUR (INDEX)
	PROPOSED CONTOUR (INTERMEDIATE)
	PROPOSED CONTOUR (INDEX)
	EXISTING EASEMENT LINE
	PROPOSED EASEMENT LINE
	EXISTING PROPERTY LINE
	EXISTING RIGHT OF WAY CENTERLINE
	EXISTING RIGHT OF WAY
	EXISTING RIGHT OF WAY (USED)
	PROPOSED RIGHT OF WAY
	SECTION LINE
	QUARTER SECTION LINE
	16TH SECTION LINE
	UTILITIES (EXISTING)
G	EXISTING GAS LINE
OP	EXISTING AERIAL POWER
BP	EXISTING BURIED POWER
SD	EXISTING STORM DRAIN
FM	EXISTING FORCE MAIN
SS	EXISTING SANITARY SEWER
OT	EXISTING AERIAL TELEPHONE
BT	EXISTING BURIED TELEPHONE
W	EXISTING WATER LINE
	UTILITIES (PROPOSED)
G	PROPOSED GAS LINE
OP	PROPOSED AERIAL POWER
BP	PROPOSED BURIED POWER
SD	PROPOSED STORM DRAIN
FM	PROPOSED FORCE MAIN
SS	PROPOSED SANITARY SEWER
OT	PROPOSED AERIAL TELEPHONE
BT	PROPOSED BURIED TELEPHONE
W	PROPOSED WATER LINE
	CUSTOM:
CUT	CUT LINE
FILL	FILL LINE
	SILT FENCE
	HIGH VISIBILITY SILT FENCE

DWG. NO. GN2

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JANESSA MARIE DONATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
GN2	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND WASHINGTON

CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
LEGEND, NOTES AND ABBREVIATIONS

SHEET 2 / 27

Apr 10, 2023 – 12:10pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140 GN.dwg Layout Name: GN2

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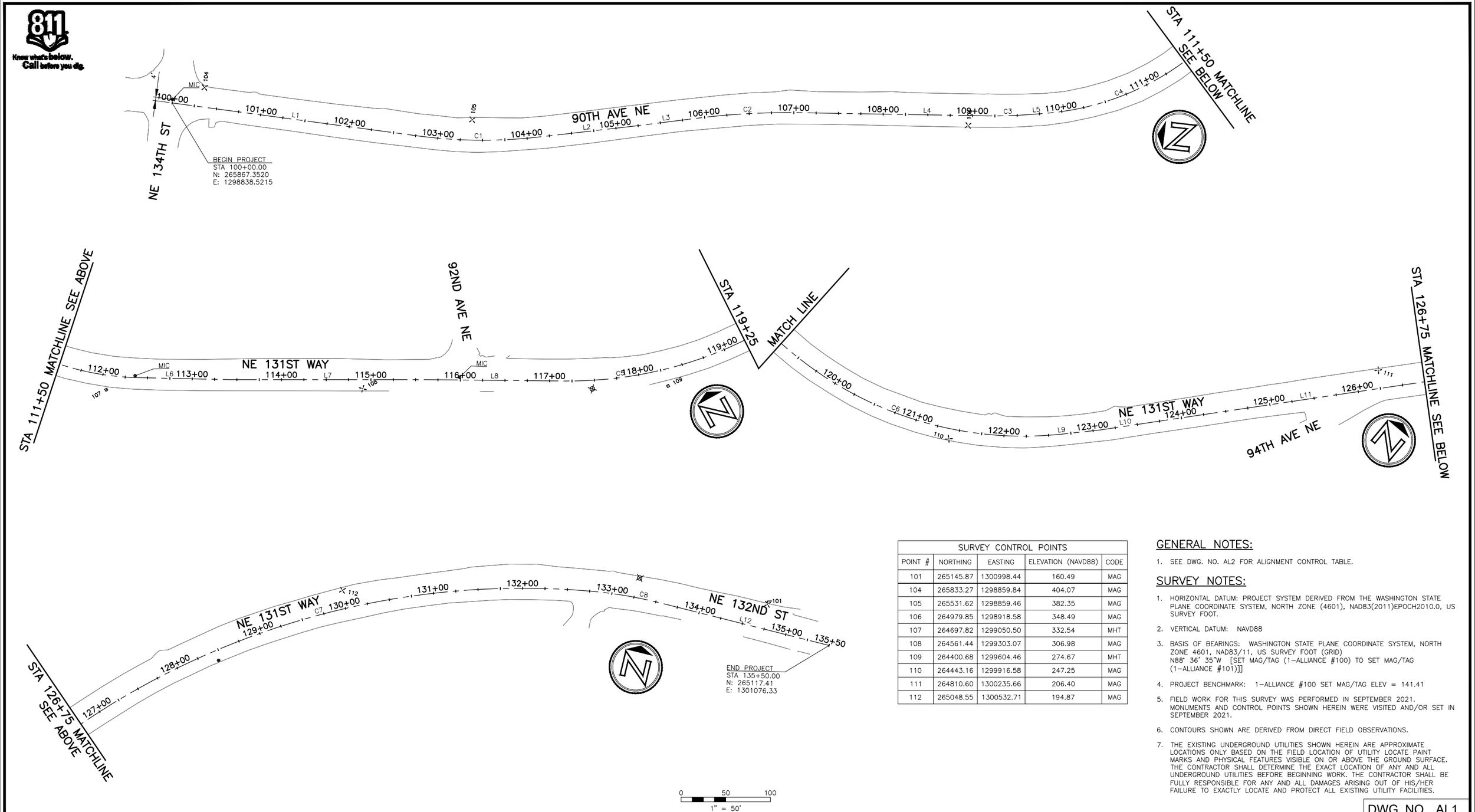

SURVEY CONTROL POINTS				
POINT #	NORTHING	EASTING	ELEVATION (NAVD88)	CODE
101	265145.87	1300998.44	160.49	MAG
104	265833.27	1298859.84	404.07	MAG
105	265531.62	1298859.46	382.35	MAG
106	264979.85	1298918.58	348.49	MAG
107	264697.82	1299050.50	332.54	MHT
108	264561.44	1299303.07	306.98	MAG
109	264400.68	1299604.46	274.67	MHT
110	264443.16	1299916.58	247.25	MAG
111	264810.60	1300235.66	206.40	MAG
112	265048.55	1300532.71	194.87	MAG

GENERAL NOTES:

1. SEE DWG. NO. AL2 FOR ALIGNMENT CONTROL TABLE.

SURVEY NOTES:

1. HORIZONTAL DATUM: PROJECT SYSTEM DERIVED FROM THE WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE (4601), NAD83(2011)EPOCH2010.0, US SURVEY FOOT.
2. VERTICAL DATUM: NAVD88
3. BASIS OF BEARINGS: WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE 4601, NAD83/11, US SURVEY FOOT (GRID) N88° 36' 35"W [SET MAG/TAG (1–ALLIANCE #100) TO SET MAG/TAG (1–ALLIANCE #101)]]
4. PROJECT BENCHMARK: 1–ALLIANCE #100 SET MAG/TAG ELEV = 141.41
5. FIELD WORK FOR THIS SURVEY WAS PERFORMED IN SEPTEMBER 2021. MONUMENTS AND CONTROL POINTS SHOWN HEREIN WERE VISITED AND/OR SET IN SEPTEMBER 2021.
6. CONTOURS SHOWN ARE DERIVED FROM DIRECT FIELD OBSERVATIONS.
7. THE EXISTING UNDERGROUND UTILITIES SHOWN HEREIN ARE APPROXIMATE LOCATIONS ONLY BASED ON THE FIELD LOCATION OF UTILITY LOCATE PAINT MARKS AND PHYSICAL FEATURES VISIBLE ON OR ABOVE THE GROUND SURFACE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ANY AND ALL UNDERGROUND UTILITIES BEFORE BEGINNING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES ARISING OUT OF HIS/HER FAILURE TO EXACTLY LOCATE AND PROTECT ALL EXISTING UTILITY FACILITIES.

DWG. NO. AL1

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04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
AL1	JMD	JAT	SHOWN	APRIL 2023

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NE 131ST WAY/90TH AVE NE NONMOTORIZED IMPROVEMENTS

CONSTRUCTION CENTERLINE ALIGNMENT AND SURVEY CONTROL PLAN

SHEET 3 / 27

Apr 10, 2023 – 12:11pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140 AL.dwg Layout Name: AL1

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CONSTRUCTION CENTERLINE ALIGNMENT

SEGMENT NO.	START STATION	END STATION	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	BEARING	DELTA	RADIUS	TANGENT	LENGTH
L1	100+00.00	102+76.86	265867.35	1298838.52	265590.52	1298834.33	S0° 52' 06.29"W				276.86
C1	102+76.86	104+12.93	265590.52	1298834.33	265455.60	1298849.03		14° 10' 31"	550.00	68.385	136.07
L2	104+12.93	105+22.71	265455.60	1298849.03	265348.76	1298874.30	S13° 18' 24.22"E				109.78
L3	105+22.71	105+91.75	265348.76	1298874.30	265281.76	1298890.93	S13° 56' 26.09"E				69.04
C2	105+91.75	107+05.23	265281.76	1298890.93	265170.06	1298910.38		8° 07' 40"	800.00	56.837	113.48
L4	107+05.23	109+16.33	265170.06	1298910.38	264960.04	1298931.76	S5° 48' 46.44"E				211.10
C3	109+16.33	109+62.92	264960.04	1298931.76	264913.97	1298938.63		5° 20' 21"	500.00	23.313	46.59
L5	109+62.92	109+81.06	264913.97	1298938.63	264896.18	1298942.13	S11° 09' 07.05"E				18.14
C4	109+81.06	112+39.57	264896.18	1298942.13	264692.54	1299088.34		49° 02' 45"	302.00	137.775	258.51
L6	112+39.57	113+43.87	264692.54	1299088.34	264640.70	1299178.84	S60° 11' 52.06"E				104.30
L7	113+43.87	115+59.87	264640.70	1299178.84	264537.30	1299368.48	S61° 24' 02.77"E				216.00
L8	115+59.87	117+16.98	264537.30	1299368.48	264460.88	1299505.75	S60° 53' 34.93"E				157.11
C5	117+16.98	118+83.07	264460.88	1299505.75	264408.39	1299662.34		21° 08' 53"	450.00	84.004	166.09
C6	118+83.07	122+64.56	264408.39	1299662.34	264528.20	1300009.80		53° 58' 10"	405.00	206.222	381.49
L9	122+64.56	123+07.21	264528.20	1300009.80	264558.89	1300039.43	N43° 59' 22.01"E				42.65
L10	123+07.21	123+67.50	264558.89	1300039.43	264604.01	1300079.41	N41° 32' 59.36"E				60.29
L11	123+67.50	126+67.04	264604.01	1300079.41	264827.94	1300278.36	N41° 37' 05.70"E				299.54
C7	126+67.04	132+74.05	264827.94	1300278.36	265112.97	1300800.70		39° 31' 19"	880.00	316.142	607.01
C8	132+74.05	133+55.25	265112.97	1300800.70	265118.92	1300881.59		9° 18' 17"	500.00	40.689	81.20
L12	133+55.25	135+50.00	265118.92	1300881.59	265117.41	1301076.33	S89° 33' 18.17"E				194.75

DWG. NO. AL2

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04/10/2023

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AL2	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND — WASHINGTON

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PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS

CONSTRUCTION CENTERLINE ALIGNMENT AND SURVEY CONTROL PLAN

SHEET 4 / 27

Apr 10, 2023 – 12:11pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140 AL2.dwg Layout Name: AL2

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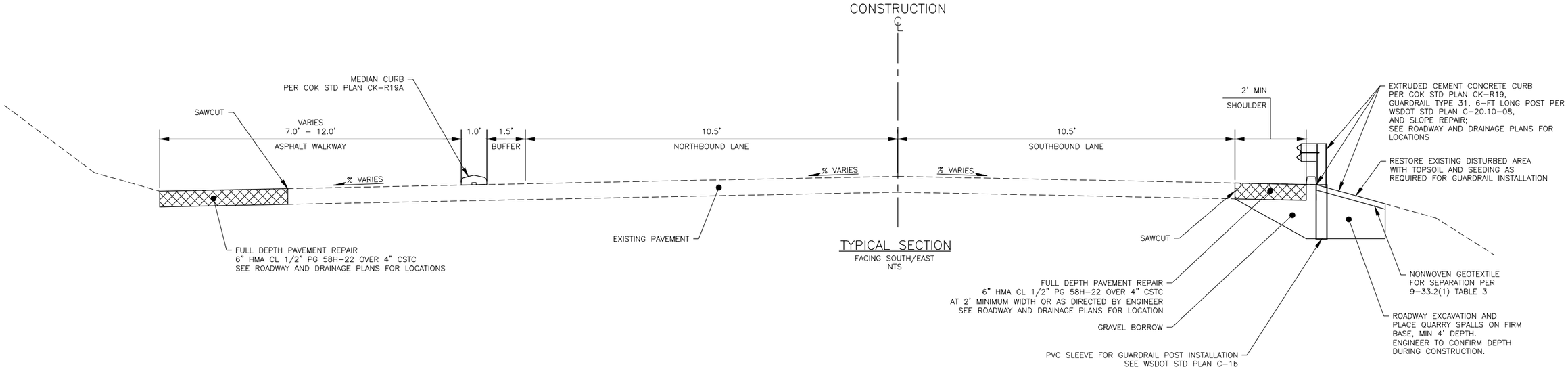

TYPICAL SECTION

FACING SOUTH/EAST
NTS

DWG. NO. RS1

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04/10/2023

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RS1	JMD	JAT	SHOWN	APRIL 2023

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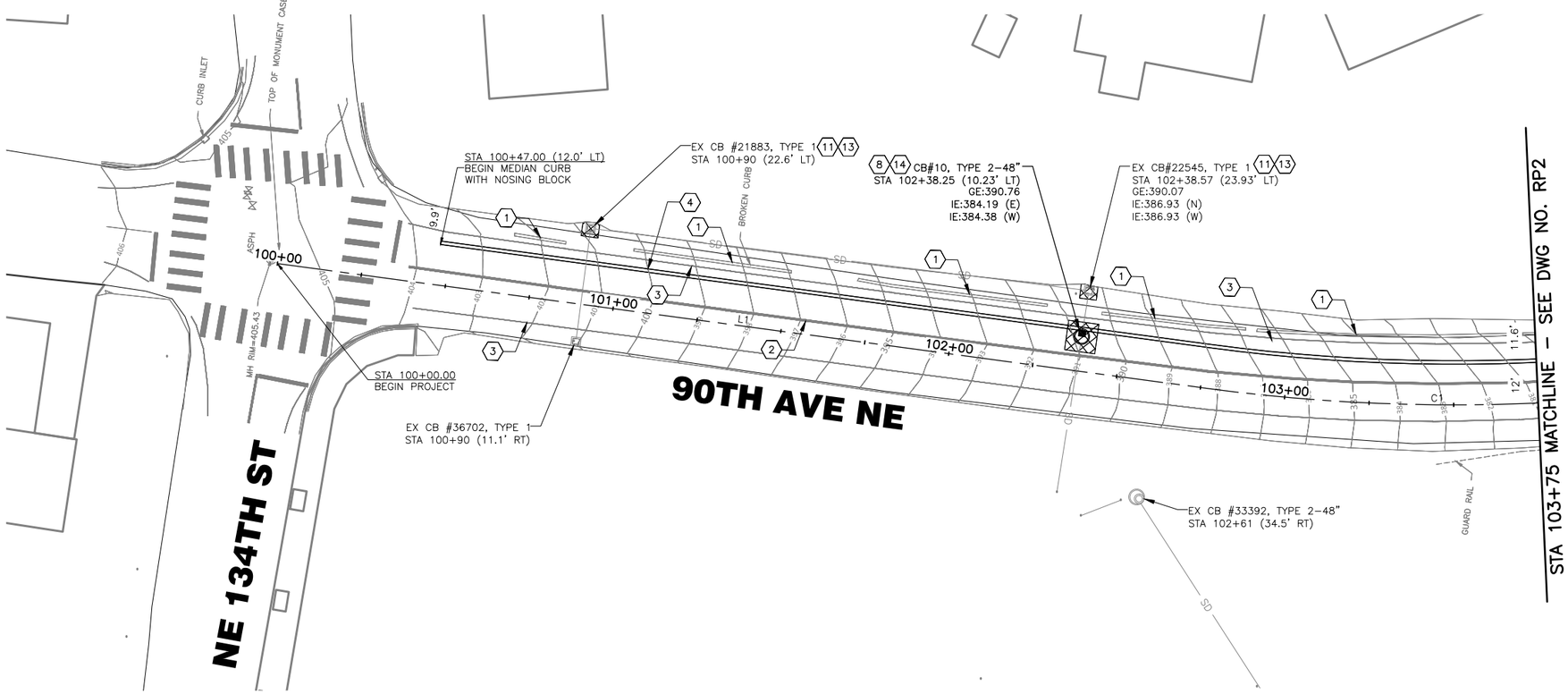
NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS

TYPICAL ROADWAY SECTIONS

SHEET 5 / 27

Apr 10, 2023 – 12:11pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CAD\02 – Plan Sheets\20210140_RS.dwg Layout Name: RS1



GENERAL NOTES:

1. STATIONING IS APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION BY THE ENGINEER.
2. TRIM EXISTING VEGETATION TO PAVEMENT EDGE AS DIRECTED BY THE ENGINEER.
3. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS REQUIRED TO INSTALL NEW MARKINGS AND AS DIRECTED BY THE ENGINEER.
4. SEE CITY OF KIRKLAND STORM DRAINAGE PRE-APPROVED PLANS FOR STORM DRAINAGE PLAN NOTES.
5. STATIONING AND OFFSETS FOR CATCH BASINS ARE TO THE CENTER OF STRUCTURE.
6. LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE.

CONSTRUCTION NOTES:

1. REMOVE EXISTING EXTRUDED CURB.
2. REMOVE EXISTING DOUBLE YELLOW CENTER STRIPE.
3. REMOVE EXISTING PAINT AND/OR PLASTIC LINE.
4. INSTALL MEDIAN CURB PER COK STD PLAN CK-R.19A.
5. REMOVE EXISTING ASPHALT BERM AND CONSTRUCT EXTRUDED CEMENT CONCRETE CURB PER COK STD PLAN CK-R.19. REPLACE PAVEMENT IN FRONT OF CURB PER TYPICAL SECTION, DWG. NO. RS1.
6. CONSTRUCT MEDIAN CURB CUT PER DETAIL ON DWG. NO. MD1.
7. REMOVE EXISTING GUARDRAIL AND REPLACE WITH NEW GUARDRAIL TYPE 31, 6-FT LONG POST PER WSDOT STD PLAN C-20.10-08. SEE TYPICAL SECTION, DWG. NO. RS1, FOR SLOPE RESTORATION DETAILS.
8. CONNECT EXISTING PIPE TO PROPOSED STRUCTURE.
9. CONNECT PROPOSED PIPE TO EXISTING STRUCTURE.
10. INSTALL DRAINAGE CURB INLET AND VANED GRATE PER COK STD PLAN CK-D.06 AND CK-D.14.
11. REMOVE EXISTING FRAME AND GRATE AND INSTALL ADA GRATE FOR RECTANGULAR FRAME WITH THE FLANGE DOWN PER WSDOT STD PLAN B-30.10-03 AND STD PLAN B-30.15-00. APPLY NON-SLIP TREATMENT (NOT ASPHALT BASED) ON GRATED SURFACE, MEETING ADA REQUIREMENTS, PER MANUFACTURER'S RECOMMENDATIONS.
12. INSTALL SOLID LOCKING LID WITH COK STORM DRAIN LOGO PER COK STD PLAN CK-D.18
13. ADJUST EXISTING CATCH BASIN TO GRADE PER COK STD PLAN CK-D.11.
14. INSTALL CATCH BASIN TYPE 2-48" PER COK STD PLAN CK-D.09.
15. SAW CUT EXISTING PAVEMENT FULL DEPTH AND REPAIR PAVEMENT WITH ROOT UPHEAVAL PER DETAIL ON DWG. NO. MD1. LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE AS DIRECTED BY THE ENGINEER.
16. ADJUST MANHOLE TO GRADE PER COK STD PLAN CK-S.26.
17. CONSTRUCT CEMENT CONC. CURB AND GUTTER, TYPE A PER COK STD PLAN CK-R.17 AND NOTE 4 ON CK-R.09 WITH 6" HMA CLASS 1/2" PG 58H-22 OVER 4" CSTC.
18. CONSTRUCT EXTRUDED CEMENT CONCRETE CURB PER COK STD PLAN CK-R.19.
19. CONSTRUCT ASPHALT BERM PER DETAIL ON DWG. NO. MD1.

LEGEND:

- EXISTING CATCH BASIN
- PROPOSED CATCH BASIN
- PROPOSED INLET
- SD — EXISTING STORM DRAIN PIPE
- SD — PROPOSED STORM DRAIN PIPE
- MEDIAN CURB
- SAWCUT
- 6" HMA CL 1/2" PG 58H-22 OVER 4" CSTC FOR TRENCH RESTORATION SEE COK STD PLAN CK-D.02, CK-R.06, AND DETAIL, DWG. NO. MD1
- 6" HMA CL 1/2" PG 58H-22 OVER 4" CSTC FOR PAVEMENT REPAIR PER DETAIL, DWG. NO. MD1
- LANDSCAPE RESTORATION FOR CONDUIT INSTALLATION, SEE DETAIL ON DWG. NO. MD1
- ASPHALT BERM PER DETAIL, DWG. NO. MD1

0 20 40
1" = 20'

DWG. NO. RP1

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JANESSA MARIE DONATO
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04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
RP1	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND
WASHINGTON

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PUBLIC WORKS DEPARTMENT
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NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
ROADWAY AND
DRAINAGE PLAN

SHEET
6
27

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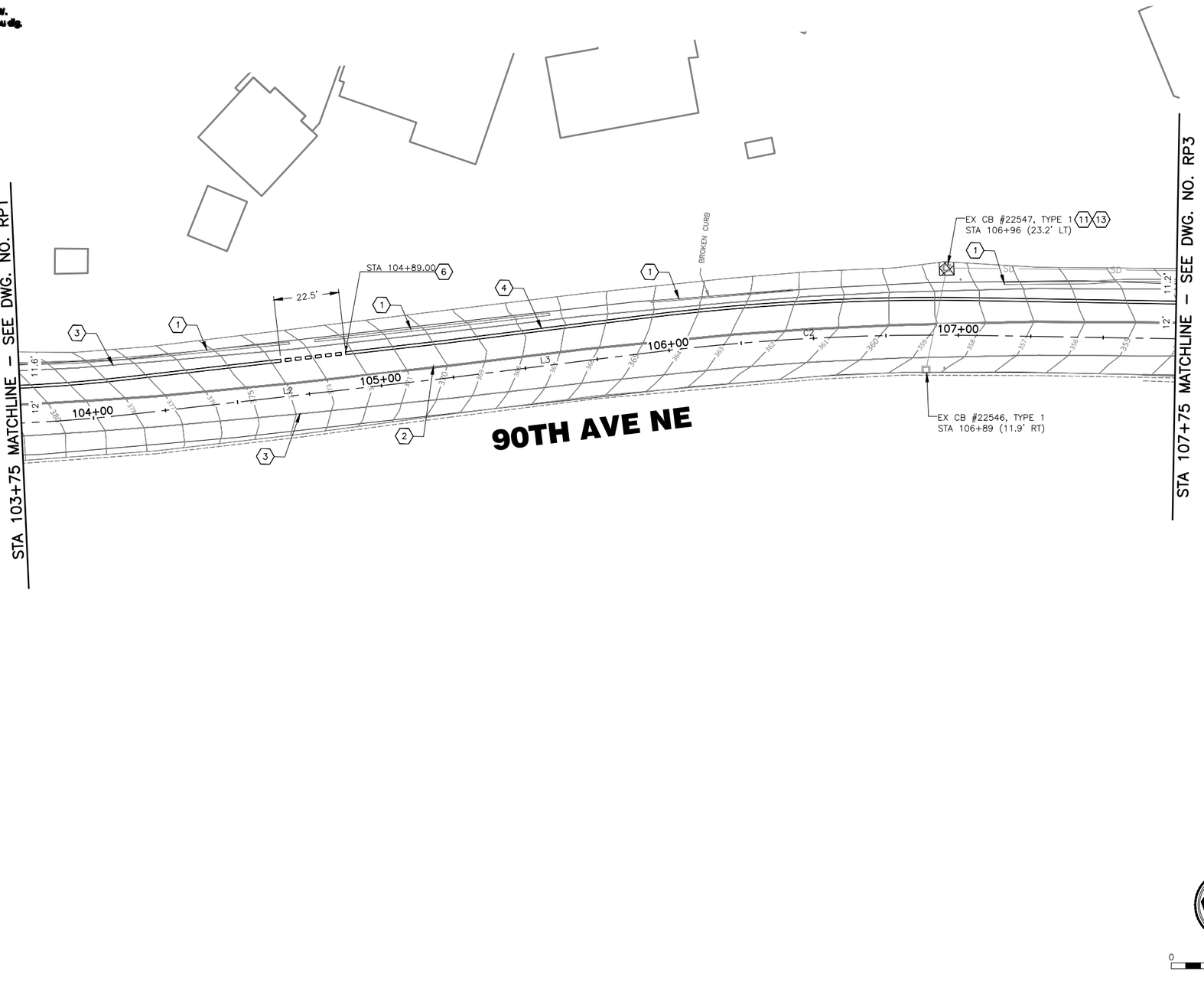
Apr 10, 2023 - 12:12pm melanie.williams X:\Kirkland, City of\Projects\20210140 - NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 - Plan Sheets\20210140 RP.dwg Layout Name: RP1

Know what's below. Call before you dig.



GENERAL NOTES:

1. STATIONING IS APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION BY THE ENGINEER.
2. TRIM EXISTING VEGETATION TO PAVEMENT EDGE AS DIRECTED BY THE ENGINEER.
3. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS REQUIRED TO INSTALL NEW MARKINGS AND AS DIRECTED BY THE ENGINEER.
4. SEE CITY OF KIRKLAND STORM DRAINAGE PRE–APPROVED PLANS FOR STORM DRAINAGE PLAN NOTES.
5. STATIONING AND OFFSETS FOR CATCH BASINS ARE TO THE CENTER OF STRUCTURE.
6. LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE.

CONSTRUCTION NOTES:

1. REMOVE EXISTING EXTRUDED CURB.
2. REMOVE EXISTING DOUBLE YELLOW CENTER STRIPE.
3. REMOVE EXISTING PAINT AND/OR PLASTIC LINE.
4. INSTALL MEDIAN CURB PER COK STD PLAN CK–R.19A.
5. REMOVE EXISTING ASPHALT BERM AND CONSTRUCT EXTRUDED CEMENT CONCRETE CURB PER COK STD PLAN CK–R.19. REPLACE PAVEMENT IN FRONT OF CURB PER TYPICAL SECTION, DWG. NO. RS1.
6. CONSTRUCT MEDIAN CURB CUT PER DETAIL ON DWG. NO. MD1.
7. REMOVE EXISTING GUARDRAIL AND REPLACE WITH NEW GUARDRAIL TYPE 31, 6–FT LONG POST PER WSDOT STD PLAN C–20.10–08. SEE TYPICAL SECTION, DWG. NO. RS1, FOR SLOPE RESTORATION DETAILS.
8. CONNECT EXISTING PIPE TO PROPOSED STRUCTURE.
9. CONNECT PROPOSED PIPE TO EXISTING STRUCTURE.
10. INSTALL DRAINAGE CURB INLET AND VANED GRATE PER COK STD PLAN CK–D.06 AND CK–D.14.
11. REMOVE EXISTING FRAME AND GRATE AND INSTALL ADA GRATE FOR RECTANGULAR FRAME WITH THE FLANGE DOWN PER WSDOT STD PLAN B–30.10–03 AND STD PLAN B–30.15–00. APPLY NON–SLIP TREATMENT (NOT ASPHALT BASED) ON GRATED SURFACE, MEETING ADA REQUIREMENTS, PER MANUFACTURER'S RECOMMENDATIONS.
12. INSTALL SOLID LOCKING LID WITH COK STORM DRAIN LOGO PER COK STD PLAN CK–D.18
13. ADJUST EXISTING CATCH BASIN TO GRADE PER COK STD PLAN CK–D.11.
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15. SAW CUT EXISTING PAVEMENT FULL DEPTH AND REPAIR PAVEMENT WITH ROOT UPHEAVAL PER DETAIL ON DWG. NO. MD1. LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE AS DIRECTED BY THE ENGINEER.
16. ADJUST MANHOLE TO GRADE PER COK STD PLAN CK–S.26.
17. CONSTRUCT CEMENT CONC. CURB AND GUTTER, TYPE A PER COK STD PLAN CK–R.17 AND NOTE 4 ON CK–R.09 WITH 6" HMA CLASS 1/2" PG 58H–22 OVER 4" CSTC.
18. CONSTRUCT EXTRUDED CEMENT CONCRETE CURB PER COK STD PLAN CK–R.19.
19. CONSTRUCT ASPHALT BERM PER DETAIL ON DWG. NO. MD1.

LEGEND:

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- LANDSCAPE RESTORATION FOR CONDUIT INSTALLATION, SEE DETAIL ON DWG. NO. MD1
- ASPHALT BERM PER DETAIL, DWG. NO. MD1

0 20 40
1" = 20'

DWG. NO. RP2

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
RP2	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND WASHINGTON

CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
ROADWAY AND
DRAINAGE PLAN

SHEET 7 / 27

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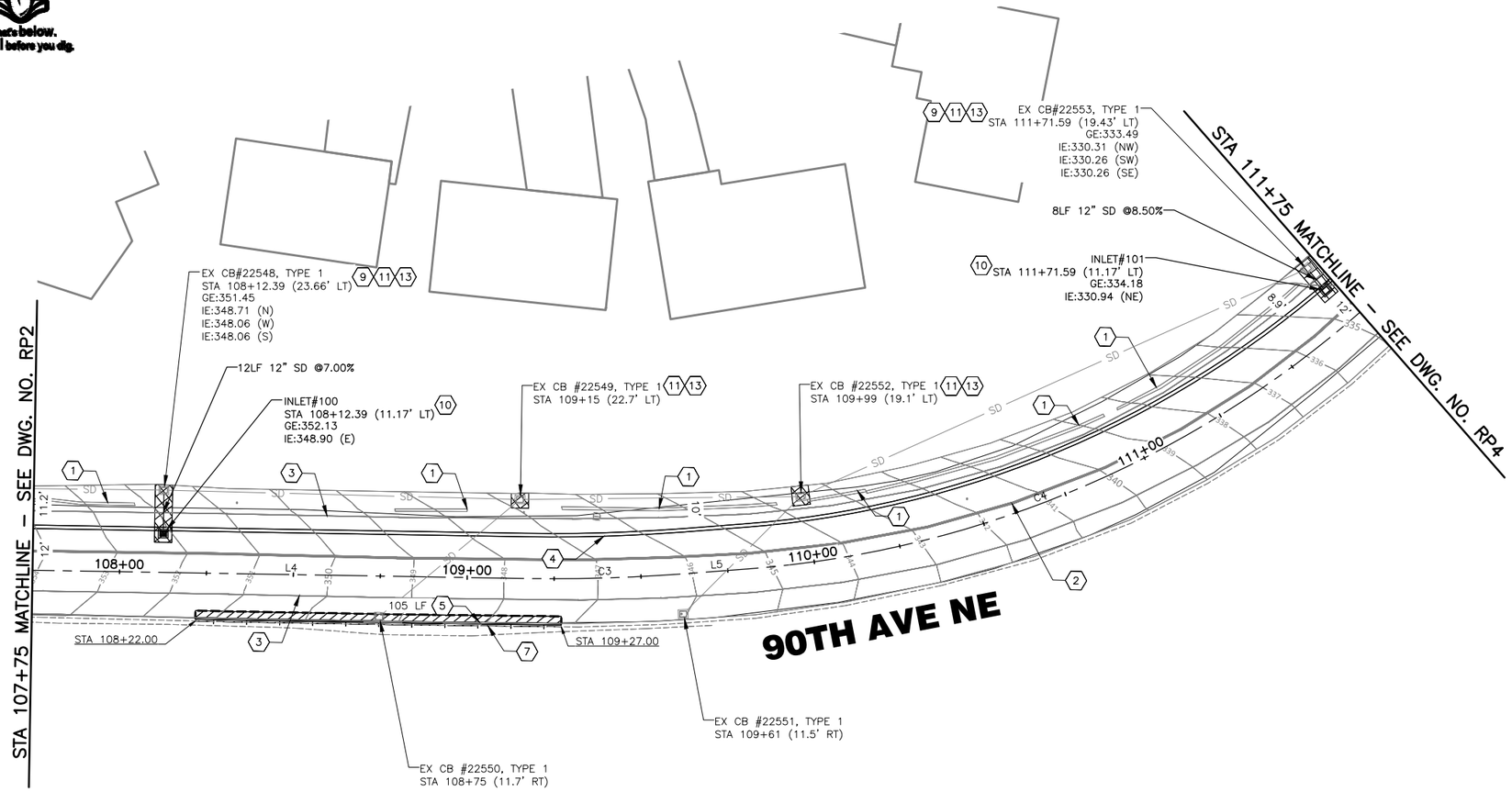

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DWG. NO. RP3

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JANESSA MARIE DONATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER
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RP3	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

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PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
ROADWAY AND
DRAINAGE PLAN

SHEET 8 / 27

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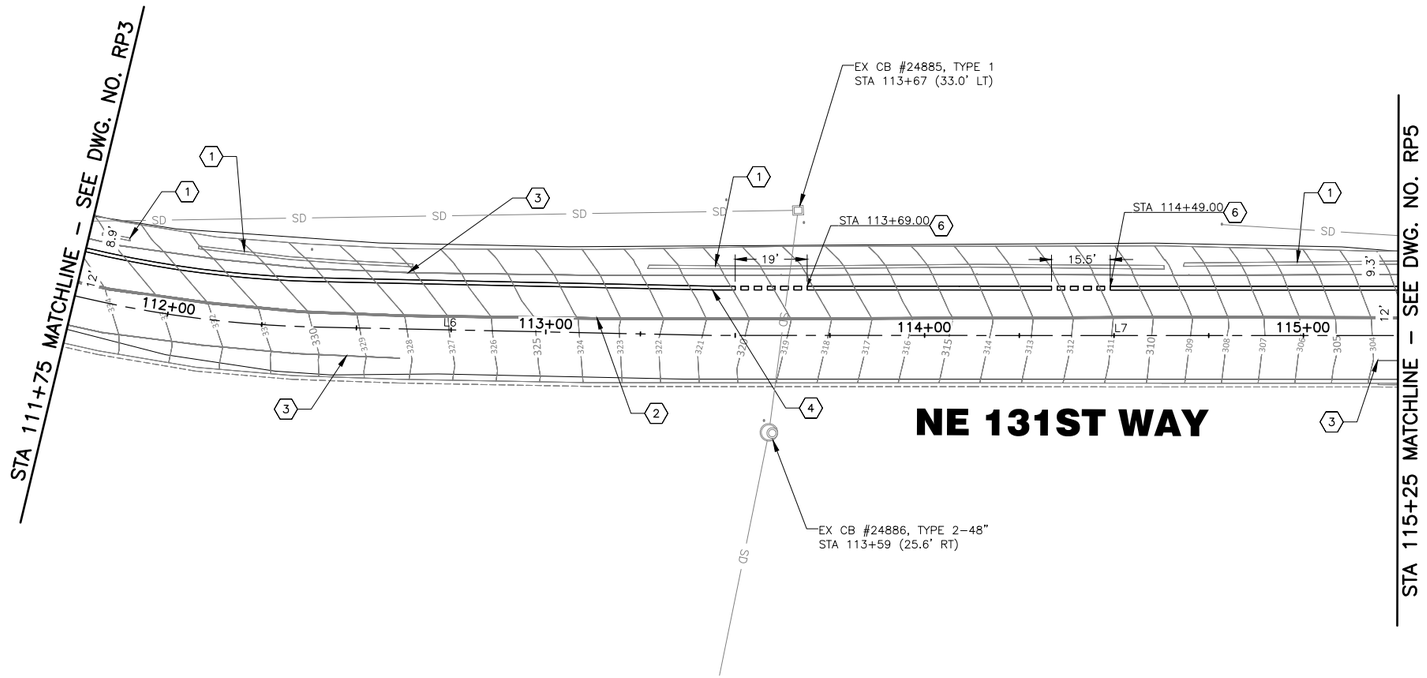

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04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
RP4	JMD	JAT	SHOWN	APRIL 2023

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PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

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SHEET 9 / 27

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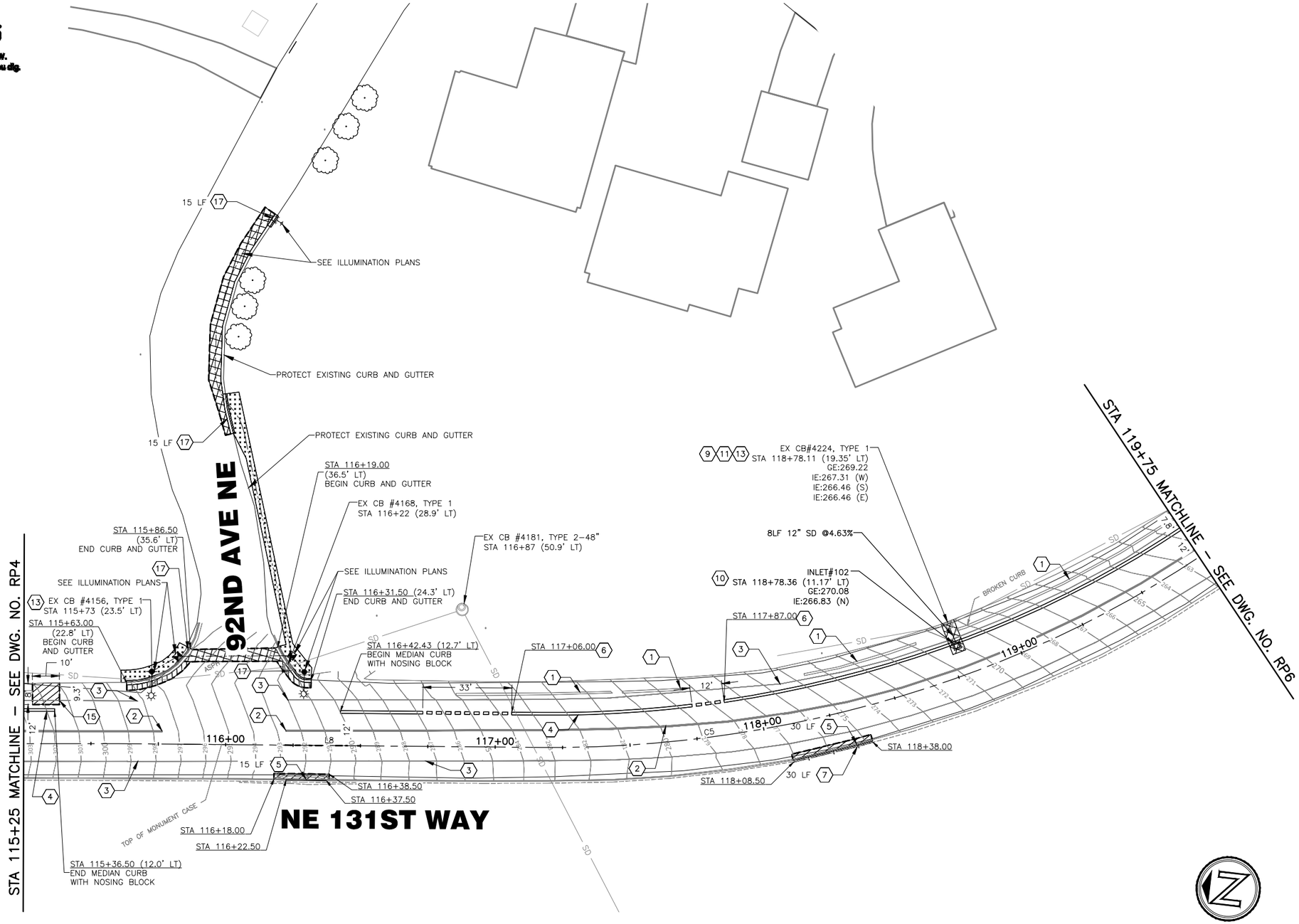

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RP5	JMD	JAT	SHOWN	APRIL 2023

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SHEET 10 / 27

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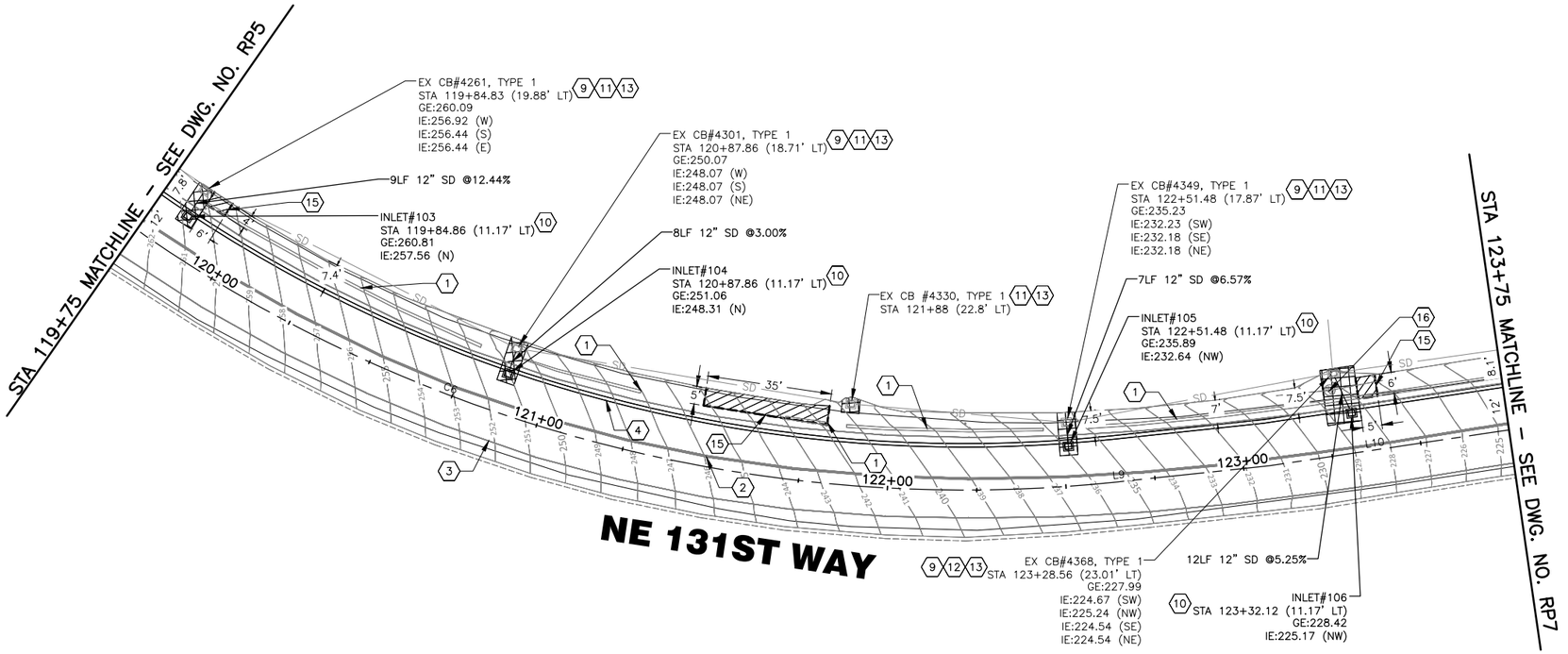

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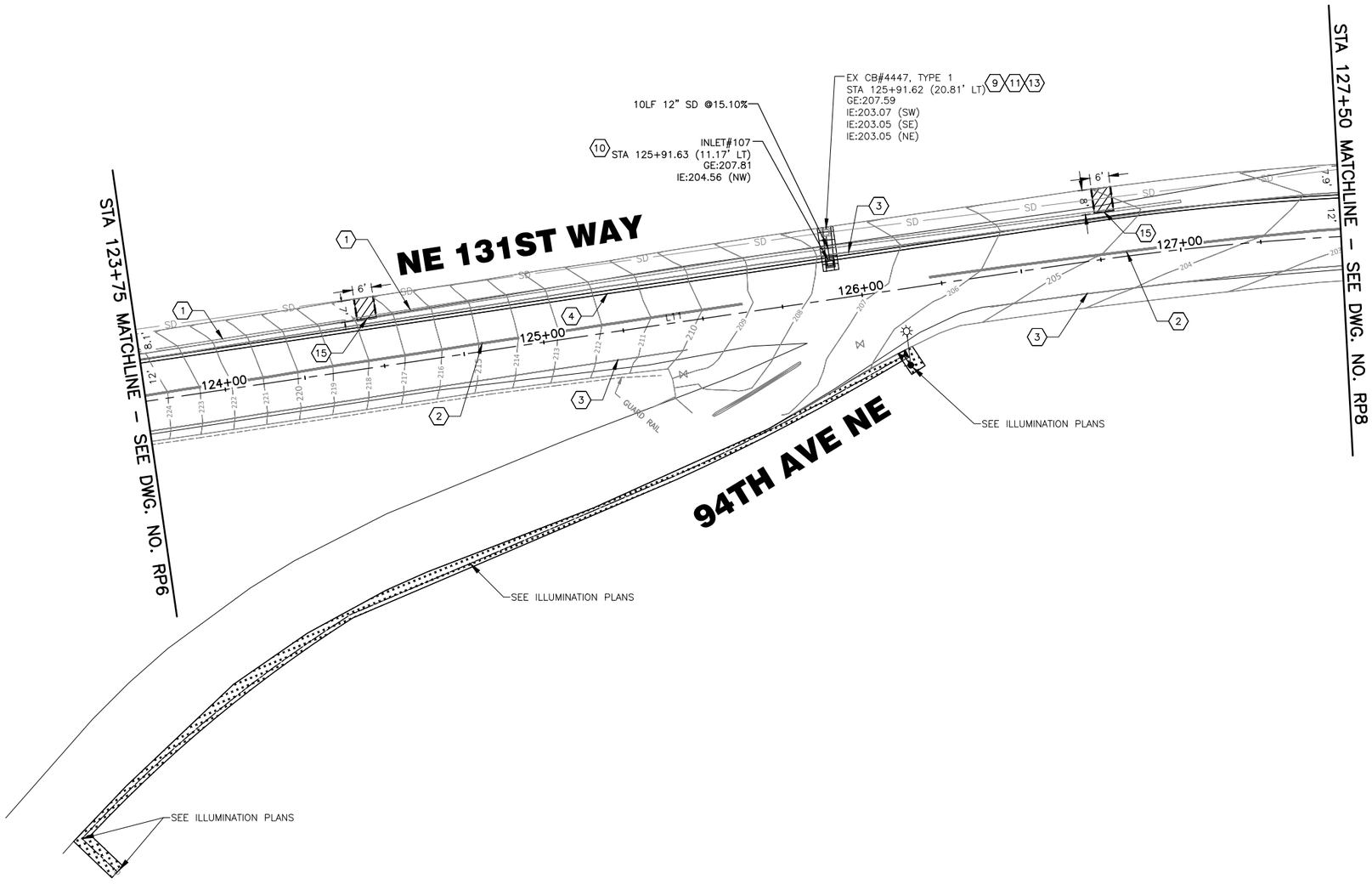
NONMOTORIZED IMPROVEMENTS
ROADWAY AND
DRAINAGE PLAN

SHEET 11 / 27

Apr 10, 2023 – 12:12pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140 RP.dwg Layout Name: RP6

Know what's below. Call before you dig.



GENERAL NOTES:

1. STATIONING IS APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION BY THE ENGINEER.
2. TRIM EXISTING VEGETATION TO PAVEMENT EDGE AS DIRECTED BY THE ENGINEER.
3. EXISTING PAVEMENT MARKINGS SHALL BE REMOVED AS REQUIRED TO INSTALL NEW MARKINGS AND AS DIRECTED BY THE ENGINEER.
4. SEE CITY OF KIRKLAND STORM DRAINAGE PRE–APPROVED PLANS FOR STORM DRAINAGE PLAN NOTES.
5. STATIONING AND OFFSETS FOR CATCH BASINS ARE TO THE CENTER OF STRUCTURE.
6. LOCATIONS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE.

CONSTRUCTION NOTES:

1. REMOVE EXISTING EXTRUDED CURB.
2. REMOVE EXISTING DOUBLE YELLOW CENTER STRIPE.
3. REMOVE EXISTING PAINT AND/OR PLASTIC LINE.
4. INSTALL MEDIAN CURB PER COK STD PLAN CK–R.19A.
5. REMOVE EXISTING ASPHALT BERM AND CONSTRUCT EXTRUDED CEMENT CONCRETE CURB PER COK STD PLAN CK–R.19. REPLACE PAVEMENT IN FRONT OF CURB PER TYPICAL SECTION, DWG. NO. RS1.
6. CONSTRUCT MEDIAN CURB CUT PER DETAIL ON DWG. NO. MD1.
7. REMOVE EXISTING GUARDRAIL AND REPLACE WITH NEW GUARDRAIL TYPE 31, 6–FT LONG POST PER WSDOT STD PLAN C–20.10–08. SEE TYPICAL SECTION, DWG. NO. RS1, FOR SLOPE RESTORATION DETAILS.
8. CONNECT EXISTING PIPE TO PROPOSED STRUCTURE.
9. CONNECT PROPOSED PIPE TO EXISTING STRUCTURE.
10. INSTALL DRAINAGE CURB INLET AND VANED GRATE PER COK STD PLAN CK–D.06 AND CK–D.14.
11. REMOVE EXISTING FRAME AND GRATE AND INSTALL ADA GRATE FOR RECTANGULAR FRAME WITH THE FLANGE DOWN PER WSDOT STD PLAN B–30.10–03 AND STD PLAN B–30.15–00. APPLY NON–SLIP TREATMENT (NOT ASPHALT BASED) ON GRATED SURFACE, MEETING ADA REQUIREMENTS, PER MANUFACTURER'S RECOMMENDATIONS.
12. INSTALL SOLID LOCKING LID WITH COK STORM DRAIN LOGO PER COK STD PLAN CK–D.18
13. ADJUST EXISTING CATCH BASIN TO GRADE PER COK STD PLAN CK–D.11.
14. INSTALL CATCH BASIN TYPE 2–48" PER COK STD PLAN CK–D.09.
15. SAW CUT EXISTING PAVEMENT FULL DEPTH AND REPAIR PAVEMENT WITH ROOT UPHEAVAL PER DETAIL ON DWG. NO. MD1. LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE AS DIRECTED BY THE ENGINEER.
16. ADJUST MANHOLE TO GRADE PER COK STD PLAN CK–S.26.
17. CONSTRUCT CEMENT CONC. CURB AND GUTTER, TYPE A PER COK STD PLAN CK–R.17 AND NOTE 4 ON CK–R.09 WITH 6" HMA CLASS 1/2" PG 58H–22 OVER 4" CSTC.
18. CONSTRUCT EXTRUDED CEMENT CONCRETE CURB PER COK STD PLAN CK–R.19.
19. CONSTRUCT ASPHALT BERM PER DETAIL ON DWG. NO. MD1.

LEGEND:

- EXISTING CATCH BASIN
- PROPOSED CATCH BASIN
- PROPOSED INLET
- SD — EXISTING STORM DRAIN PIPE
- SD — PROPOSED STORM DRAIN PIPE
- MEDIAN CURB
- SAWCUT
- 6" HMA CL 1/2" PG 58H–22 OVER 4" CSTC FOR TRENCH RESTORATION SEE COK STD PLAN CK–D.02, CK–R.06, AND DETAIL, DWG. NO. MD1
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- LANDSCAPE RESTORATION FOR CONDUIT INSTALLATION, SEE DETAIL ON DWG. NO. MD1
- ASPHALT BERM PER DETAIL, DWG. NO. MD1

0 20 40
1" = 20'

DWG. NO. RP7

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
RP7	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND WASHINGTON

CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
ROADWAY AND
DRAINAGE PLAN

SHEET 12 / 27

Apr 10, 2023 – 12:12pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140 RP.dwg Layout Name: RP7

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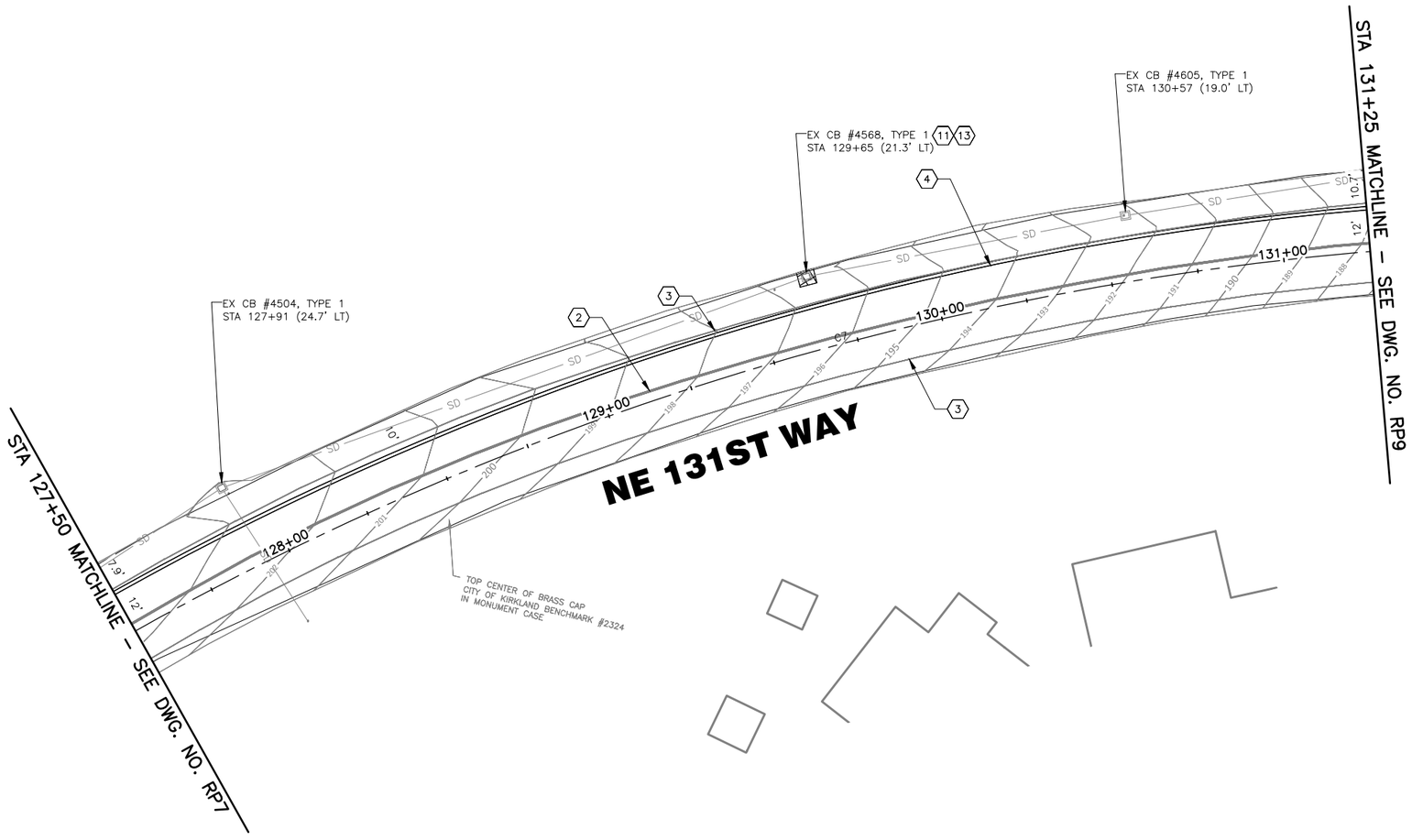

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NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
ROADWAY AND DRAINAGE PLAN

SHEET 13 / 27

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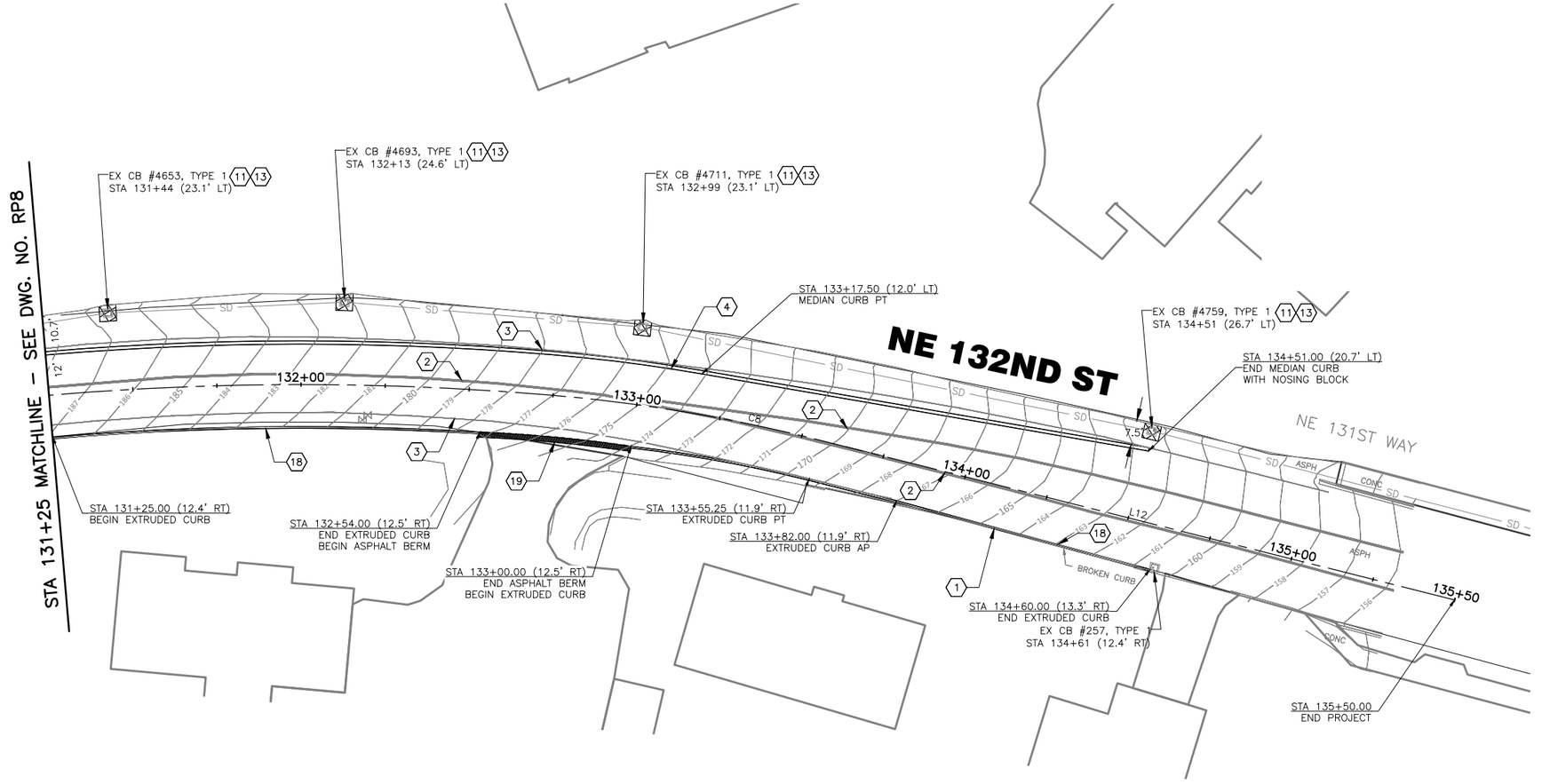

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JANESSA MARIE DONATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER
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RP9	JMD	JAT	SHOWN	APRIL 2023

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CITY OF KIRKLAND WASHINGTON

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PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
ROADWAY AND DRAINAGE PLAN

SHEET 14 / 27

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811
Know what's below.
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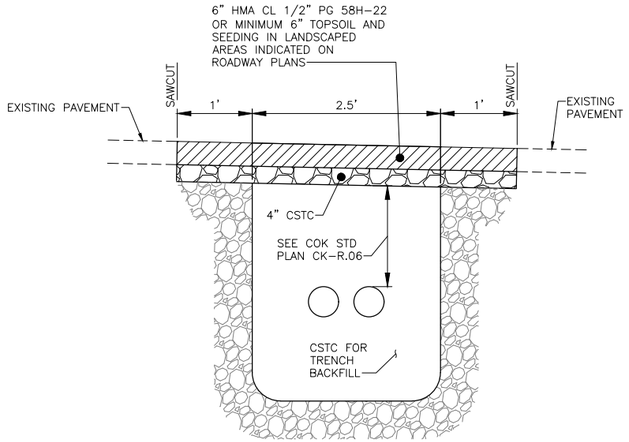
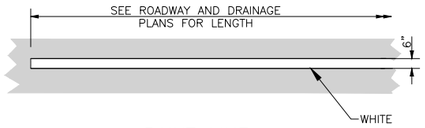


ROADWAY TRENCH RESTORATION FOR ILLUMINATION

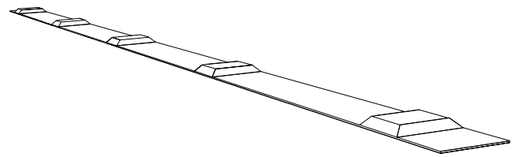
LOCATIONS SHOWN ON ROADWAY AND DRAINAGE PLANS

NTS

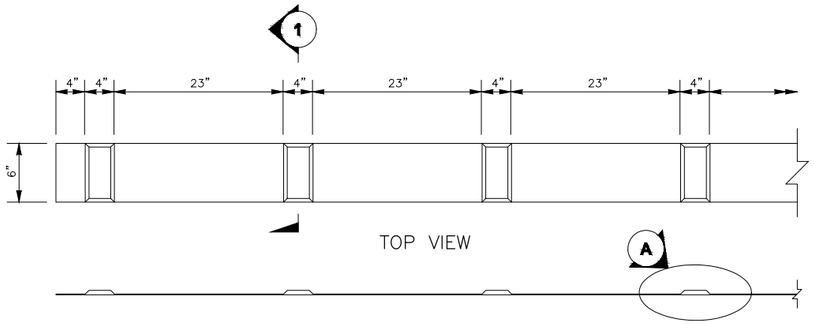


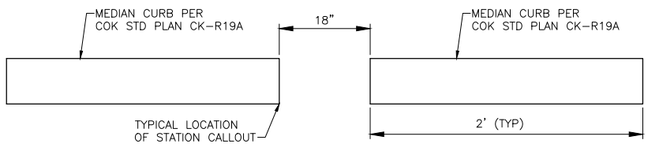
PAINT LINE

NTS



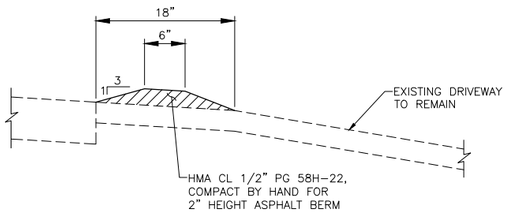
PERSPECTIVE VIEW





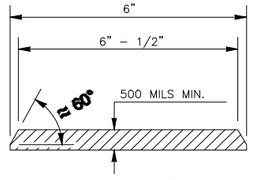
CURB CUT AT MEDIAN CURB

NTS

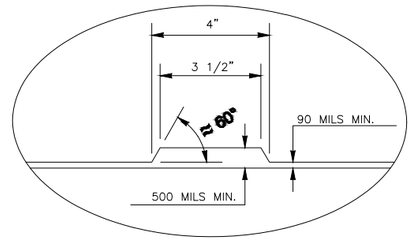


ASPHALT BERM

NTS



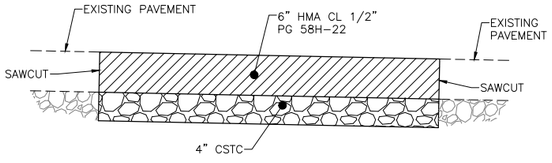
SECTION (1)



DETAIL (A)

PROFILED PLASTIC WIDE LINE

NTS



PAVEMENT REPAIR

NTS

NOTE:

1. SEE ROADWAY AND DRAINAGE PLANS FOR LOCATIONS OF PAVEMENT REPAIR FOR INSTALLATION OF EXTRUDED CEMENT CONCRETE CURB.
2. SEE ROADWAY AND DRAINAGE PLANS FOR LOCATIONS OF PAVEMENT REPAIR FOR REMOVAL OF ROOT UPHEAVAL.

NOTE:

1. JUST PRIOR TO PLACING THE ASPHALT BERM, A TACK COAT OF ASPHALT SHALL BE APPLIED ON THE EXISTING PAVEMENT SURFACE. THE HMA SHALL HAVE A DENSE, UNIFORM SURFACE AND SHALL BE THOROUGHLY AND UNIFORMLY COMPACTED. COMPACTION SHALL BE BY HAND TAMPERS OR EQUIVALENT. THE COMPLETED ASPHALT BERM SHALL BE FREE FROM RIDGES, RUTS, HUMPS, DEPRESSIONS, OBJECTIONABLE MARKS, AND IRREGULARITIES.

DWG. NO. MD1

PERTEET
801 2ND AVENUE, SUITE 302
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48151
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04/10/2023

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NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS

MISCELLANEOUS DETAILS

SHEET 15 / 27

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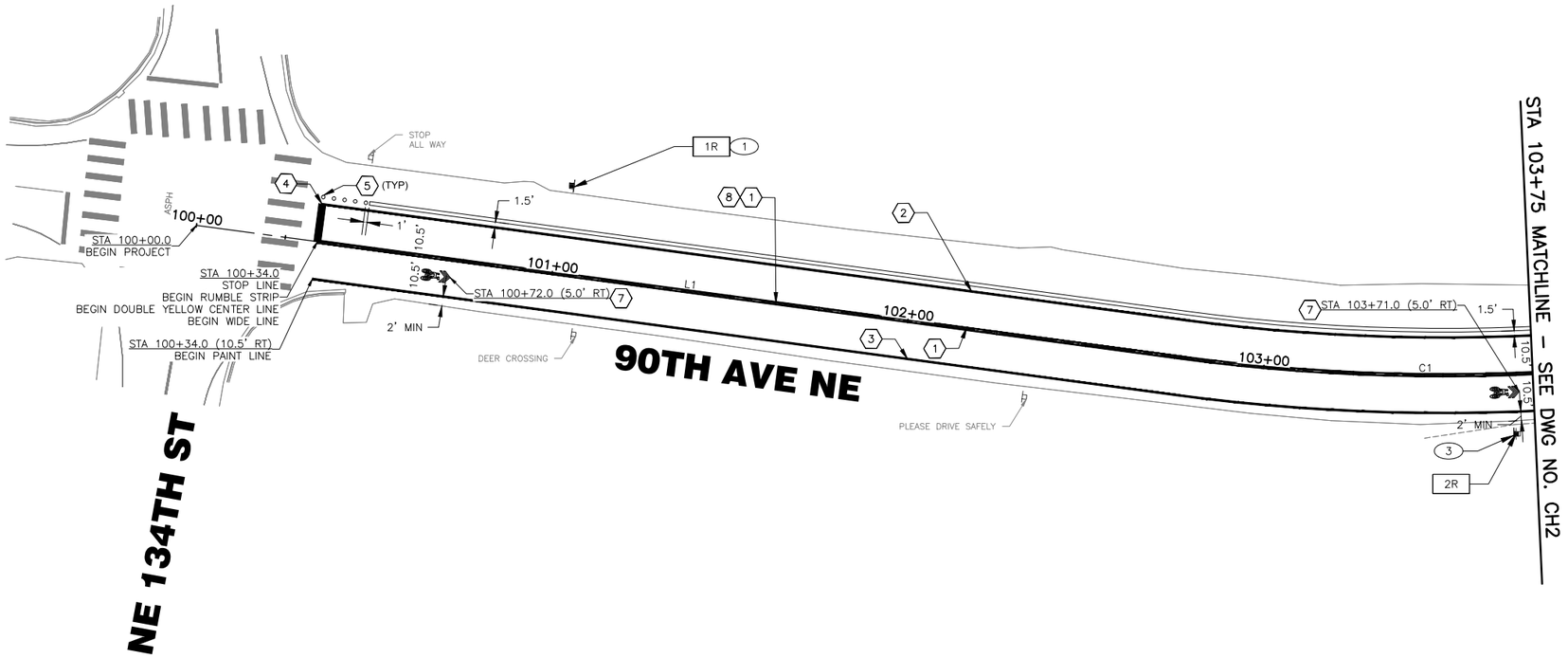


GENERAL NOTES:

1. ALL SIGNS TO BE INSTALLED PER COK STD PLAN CK–R.43 AND CK–R.44.
2. UNLESS OTHERWISE SHOWN, ALL EXISTING SIGNS NOT NOTED IN TABLE ARE TO REMAIN.

CONSTRUCTION NOTES:

1. INSTALL DOUBLE YELLOW CENTER LINE PER COK STD PLAN CK–R.31.
2. INSTALL 6" WHITE PROFILED PLASTIC WIDE LINE PER DETAIL ON DWG NO. MD1.
3. INSTALL 6" WHITE PAINT LINE PER DETAIL ON DWG NO. MD1.
4. INSTALL WHITE PLASTIC STOP LINE PER COK STD PLAN CK–R.28.
5. INSTALL WHITE TYPE 5 FLEXIBLE DELINEATOR SURFACE MOUNT, 3' OC AND 3' HEIGHT, PER COK STD PLAN CK–R.26.
6. INSTALL WHITE PLASTIC CROSSWALK LINE PER COK STD PLAN CK–R.28.
7. INSTALL PLASTIC SHARED LANE MARKING PER COK STD PLAN CK–R.46. STATION AND OFFSET LABELS ARE SHOWN TO TIP OF ARROW.
8. CONSTRUCT CENTERLINE RUMBLE STRIP PER WSDOT STD PLAN M–65.10–03.

SIGN LEGEND

(X) – NEW SIGN

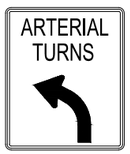
[XXR] – REMOVE EXISTING SIGN

– NEW SIGN

– EXISTING SIGN

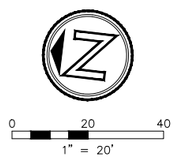
SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	SIGN TYPE	SIGN SIZE W (IN.)	SIGN SIZE H (IN.)	DESCRIPTION	REMARKS
1	100+46	25' LT		18	24	ARTERIAL TURNS LEFT	INSTALL NEW SIGN ON NEW POST
1R	100+46	25' LT		18	24	ARTERIAL TURNS LEFT	REMOVE SIGN AND POST
2R	103+70	17' RT	R2–1	24	30	SPEED LIMIT 35 MPH	INSTALL NEW SIGN ON NEW POST
3	103+69	17' RT	R2–1	24	30	SPEED LIMIT 30 MPH	REMOVE SIGN AND POST



ARTERIAL TURNS SIGN DETAIL

LEGEND: BLACK
BACKGROUND: WHITE



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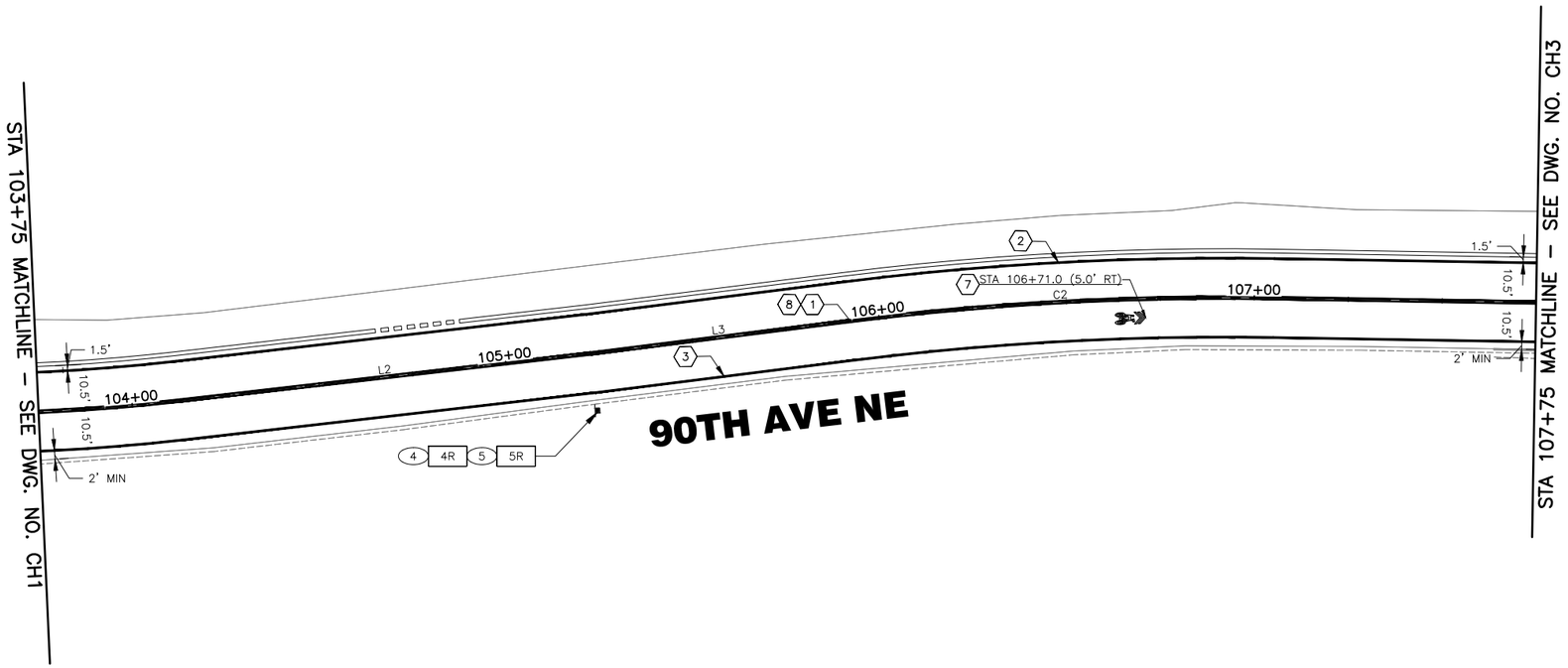
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
CHANNELIZATION AND SIGNING PLAN

SHEET 16 / 27

Apr 10, 2023 – 12:13pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140_CH.dwg Layout Name: CH1

Know what's below. Call before you dig.



GENERAL NOTES:

1. ALL SIGNS TO BE INSTALLED PER COK STD PLAN CK–R.43 AND CK–R.44.
2. UNLESS OTHERWISE SHOWN, ALL EXISTING SIGNS NOT NOTED IN TABLE ARE TO REMAIN.

CONSTRUCTION NOTES:

1. INSTALL DOUBLE YELLOW CENTER LINE PER COK STD PLAN CK–R.31.
2. INSTALL 6" WHITE PROFILED PLASTIC WIDE LINE PER DETAIL ON DWG NO. MD1.
3. INSTALL 6" WHITE PAINT LINE PER DETAIL ON DWG NO. MD1.
4. INSTALL WHITE PLASTIC STOP LINE PER COK STD PLAN CK–R.28.
5. INSTALL WHITE TYPE 5 FLEXIBLE DELINEATOR SURFACE MOUNT, 3' OC AND 3' HEIGHT, PER COK STD PLAN CK–R.26.
6. INSTALL WHITE PLASTIC CROSSWALK LINE PER COK STD PLAN CK–R.28.
7. INSTALL PLASTIC SHARED LANE MARKING PER COK STD PLAN CK–R.46. STATION AND OFFSET LABELS ARE SHOWN TO TIP OF ARROW.
8. CONSTRUCT CENTERLINE RUMBLE STRIP PER WSDOT STD PLAN M–65.10–03.

SIGN LEGEND

- (X) – NEW SIGN
- [XXR] – REMOVE EXISTING SIGN
- – NEW SIGN
- – EXISTING SIGN

SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	SIGN TYPE	SIGN SIZE W (IN.)	SIGN SIZE H (IN.)	DESCRIPTION	REMARKS
4R	105+23	15' RT	W1–1L	30	30	LEFT TURN HORIZONTAL ALIGNMENT	REMOVE SIGN AND POST
4	105+23	15' RT	W1–1L	30	30	LEFT TURN HORIZONTAL ALIGNMENT	INSTALL NEW SIGN ON NEW POST
5R	105+23	15' RT	W13–1P	18	18	30 MPH ADVISORY SPEED	REMOVE SIGN AND POST
5	105+23	15' RT	W13–1P	18	18	30 MPH ADVISORY SPEED	INSTALL NEW SIGN ON NEW POST

0 20 40
1" = 20'

DWG. NO. CH2

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
CH2	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

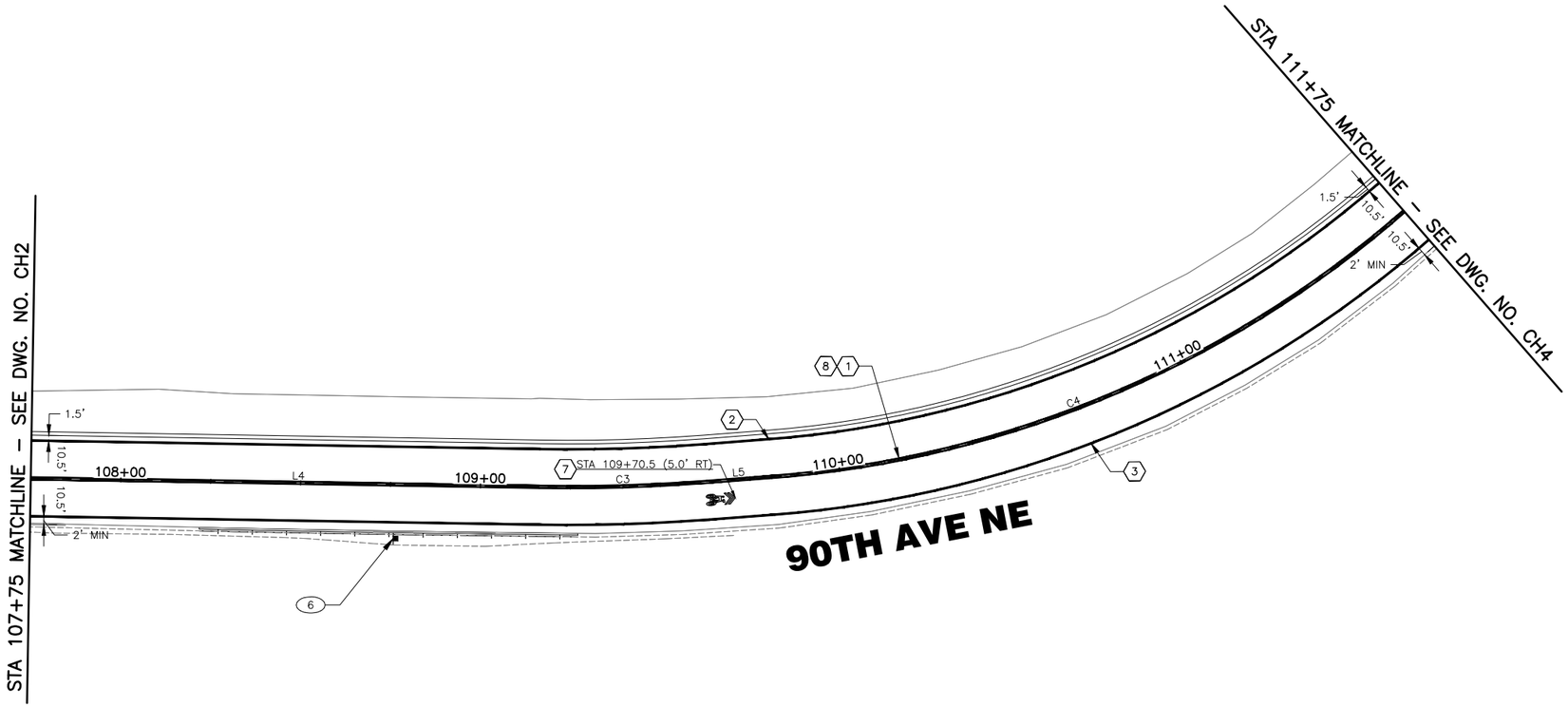
CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
CHANNELIZATION AND SIGNING PLAN

SHEET 17 / 27

Apr 10, 2023 – 12:13pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140_CH.dwg Layout Name: CH2

811
Know what's below.
Call before you dig.



GENERAL NOTES:

1. ALL SIGNS TO BE INSTALLED PER COK STD PLAN CK–R.43 AND CK–R.44.
2. UNLESS OTHERWISE SHOWN, ALL EXISTING SIGNS NOT NOTED IN TABLE ARE TO REMAIN.

CONSTRUCTION NOTES:

1. INSTALL DOUBLE YELLOW CENTER LINE PER COK STD PLAN CK–R.31.
2. INSTALL 6" WHITE PROFILED PLASTIC WIDE LINE PER DETAIL ON DWG NO. MD1.
3. INSTALL 6" WHITE PAINT LINE PER DETAIL ON DWG NO. MD1.
4. INSTALL WHITE PLASTIC STOP LINE PER COK STD PLAN CK–R.28.
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7. INSTALL PLASTIC SHARED LANE MARKING PER COK STD PLAN CK–R.46. STATION AND OFFSET LABELS ARE SHOWN TO TIP OF ARROW.
8. CONSTRUCT CENTERLINE RUMBLE STRIP PER WSDOT STD PLAN M–65.10–03.

SIGN LEGEND

(X) – NEW SIGN

[XXR] – REMOVE EXISTING SIGN

– NEW SIGN

– EXISTING SIGN

SIGN SCHEDULE							
SIGN NO.	STATION	OFFSET	SIGN TYPE	SIGN SIZE		DESCRIPTION	REMARKS
				W (IN.)	H (IN.)		
6	108+76	15' RT	R2–1	24	30	SPEED LIMIT 30 MPH	INSTALL NEW SIGN ON NEW POST

N

0 20 40
1" = 20'

DWG. NO. CH3

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONAT
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
CH3	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

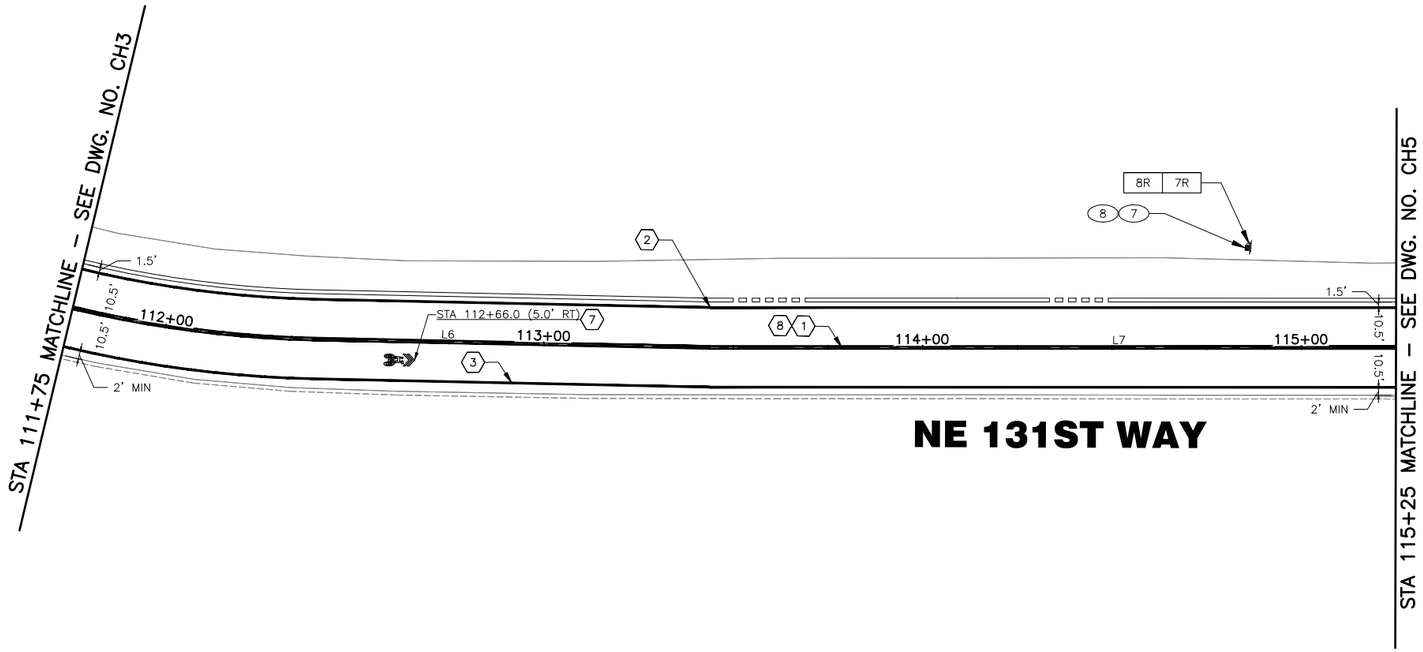
CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
CHANNELIZATION AND
SIGNING PLAN

SHEET
18
27

Apr 10, 2023 – 12:14pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140 CH.dwg Layout Name: CH3

811
Know what's below.
Call before you dig.



GENERAL NOTES:

1. ALL SIGNS TO BE INSTALLED PER COK STD PLAN CK–R.43 AND CK–R.44.
2. UNLESS OTHERWISE SHOWN, ALL EXISTING SIGNS NOT NOTED IN TABLE ARE TO REMAIN.

CONSTRUCTION NOTES:

1. INSTALL DOUBLE YELLOW CENTER LINE PER COK STD PLAN CK–R.31.
2. INSTALL 6" WHITE PROFILED PLASTIC WIDE LINE PER DETAIL ON DWG NO. MD1.
3. INSTALL 6" WHITE PAINT LINE PER DETAIL ON DWG NO. MD1.
4. INSTALL WHITE PLASTIC STOP LINE PER COK STD PLAN CK–R.28.
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7. INSTALL PLASTIC SHARED LANE MARKING PER COK STD PLAN CK–R.46. STATION AND OFFSET LABELS ARE SHOWN TO TIP OF ARROW.
8. CONSTRUCT CENTERLINE RUMBLE STRIP PER WSDOT STD PLAN M–65.10–03.

SIGN LEGEND

(X) – NEW SIGN

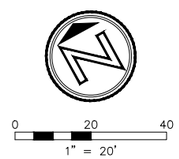
[XXR] – REMOVE EXISTING SIGN

– NEW SIGN

– EXISTING SIGN

SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	SIGN TYPE	SIGN SIZE W (IN.)	SIGN SIZE H (IN.)	DESCRIPTION	REMARKS
7R	114+86	27' LT	W1–1R	30	30	RIGHT TURN HORIZONTAL ALIGNMENT	REMOVE SIGN AND POST
7	114+86	26' LT	W1–1R	30	30	RIGHT TURN HORIZONTAL ALIGNMENT	INSTALL NEW SIGN ON NEW POST
8R	114+86	27' LT	W13–1P	18	18	30 MPH ADVISORY SPEED	REMOVE SIGN AND POST
8	114+86	26' LT	W13–1P	18	18	30 MPH ADVISORY SPEED	INSTALL NEW SIGN ON NEW POST



DWG. NO. CH4

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
CH4	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

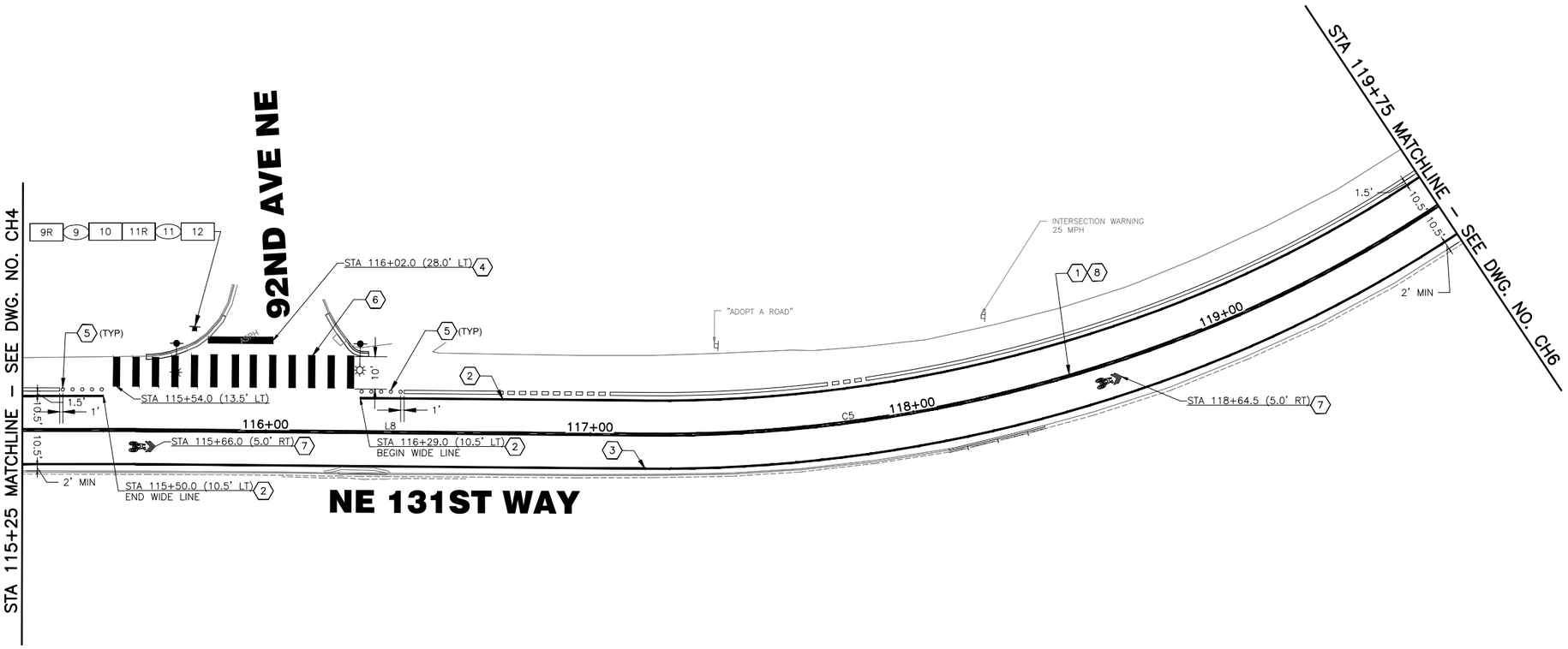
CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
CHANNELIZATION AND SIGNING PLAN

SHEET 19/27

Apr 10, 2023 – 12:14pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140_CH.dwg Layout Name: CH4

811 Know what's below. Call before you dig.



GENERAL NOTES:

1. ALL SIGNS TO BE INSTALLED PER COK STD PLAN CK–R.43 AND CK–R.44.
2. UNLESS OTHERWISE SHOWN, ALL EXISTING SIGNS NOT NOTED IN TABLE ARE TO REMAIN.

CONSTRUCTION NOTES:

1. INSTALL DOUBLE YELLOW CENTER LINE PER COK STD PLAN CK–R.31.
2. INSTALL 6" WHITE PROFILED PLASTIC WIDE LINE PER DETAIL ON DWG NO. MD1.
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8. CONSTRUCT CENTERLINE RUMBLE STRIP PER WSDOT STD PLAN M–65.10–03.

SIGN LEGEND

- (X) – NEW SIGN
- XXR – REMOVE EXISTING SIGN
- – NEW SIGN
- – EXISTING SIGN

SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	SIGN TYPE	SIGN SIZE W (IN.)	SIGN SIZE H (IN.)	DESCRIPTION	REMARKS
9R	115+78	31' LT	D3–1	24	12	92ND AVE NE/93RD AVE NE	REMOVE SIGN AND POST
9	115+78	31' LT	D3–1	24	12	92ND AVE NE/93RD AVE NE	INSTALL NEW SIGN ON NEW POST
10	115+78	31' LT	W14–2A	36	8	NO OUTLET	INSTALL NEW SIGN ON NEW POST
11R	115+78	31' LT	D3–1	24	12	NE 131ST WAY/90TH AVE NE	REMOVE SIGN AND POST
11	115+78	31' LT	D3–1	24	12	NE 131ST WAY/90TH AVE NE	INSTALL NEW SIGN ON NEW POST
12	115+78	31' LT	R1–1	24	12	STOP	INSTALL NEW SIGN ON NEW POST

0 20 40
1" = 20'

DWG. NO. CH5

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONATO
STATE OF WASHINGTON
48151
REGISTERED PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
CH5	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND WASHINGTON

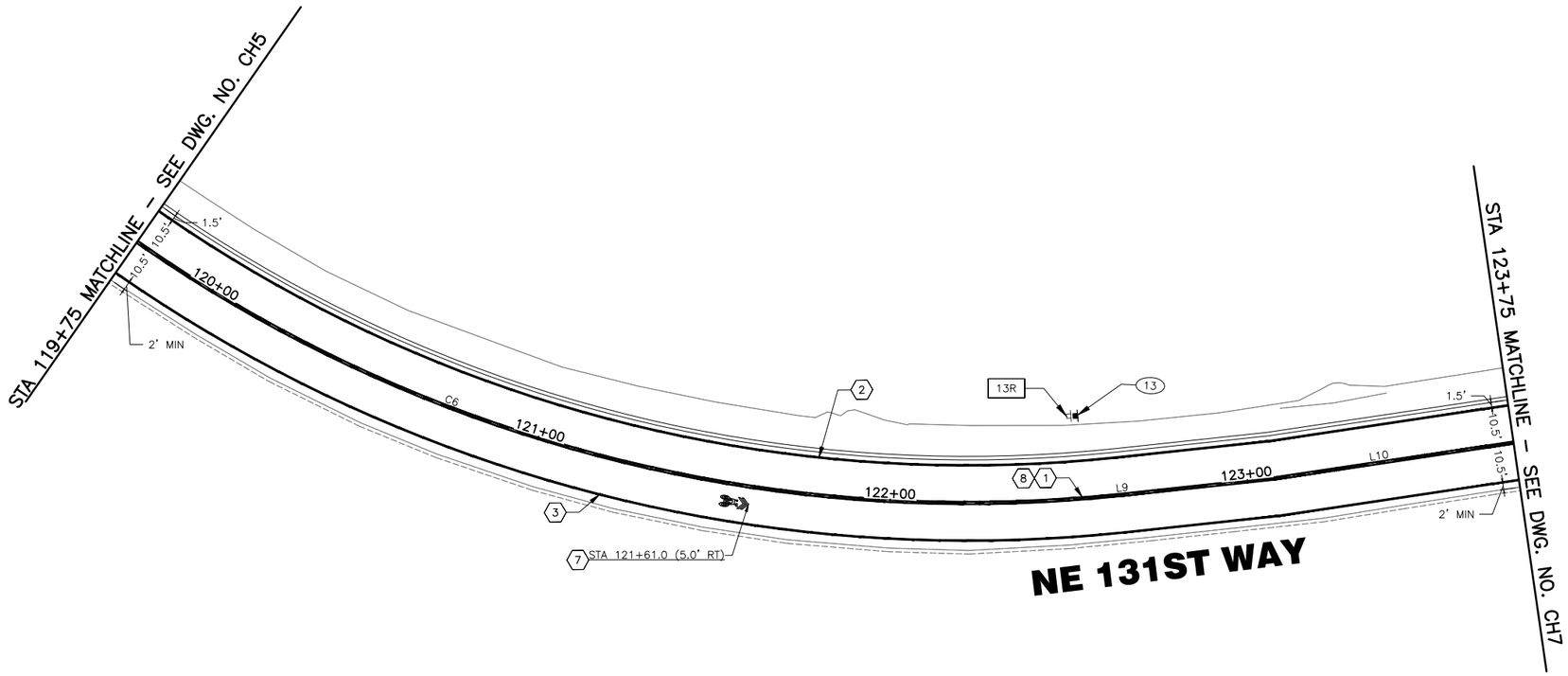
CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
CHANNELIZATION AND SIGNING PLAN

SHEET 20 / 27

Apr 10, 2023 – 12:14pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140 CH.dwg Layout Name: CH5

Know what's below. Call before you dig.



GENERAL NOTES:

1. ALL SIGNS TO BE INSTALLED PER COK STD PLAN CK–R.43 AND CK–R.44.
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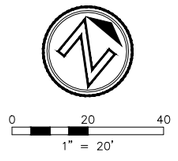
8. CONSTRUCT CENTERLINE RUMBLE STRIP PER WSDOT STD PLAN M–65.10–03.

SIGN LEGEND

- (X) – NEW SIGN
- [XXR] – REMOVE EXISTING SIGN
- – NEW SIGN
- – EXISTING SIGN

SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	SIGN TYPE	SIGN SIZE W (IN.)	SIGN SIZE H (IN.)	DESCRIPTION	REMARKS
13R	122+52	23' LT	S3–1	36	36	SCHOOL BUS STOP AHEAD	REMOVE SIGN AND POST
13	122+54	23' LT	S3–1	36	36	SCHOOL BUS STOP AHEAD	INSTALL NEW SIGN ON NEW POST



DWG. NO. CH6

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONATO STATE OF WASHINGTON 48151 REGISTERED PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
CH6	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND WASHINGTON

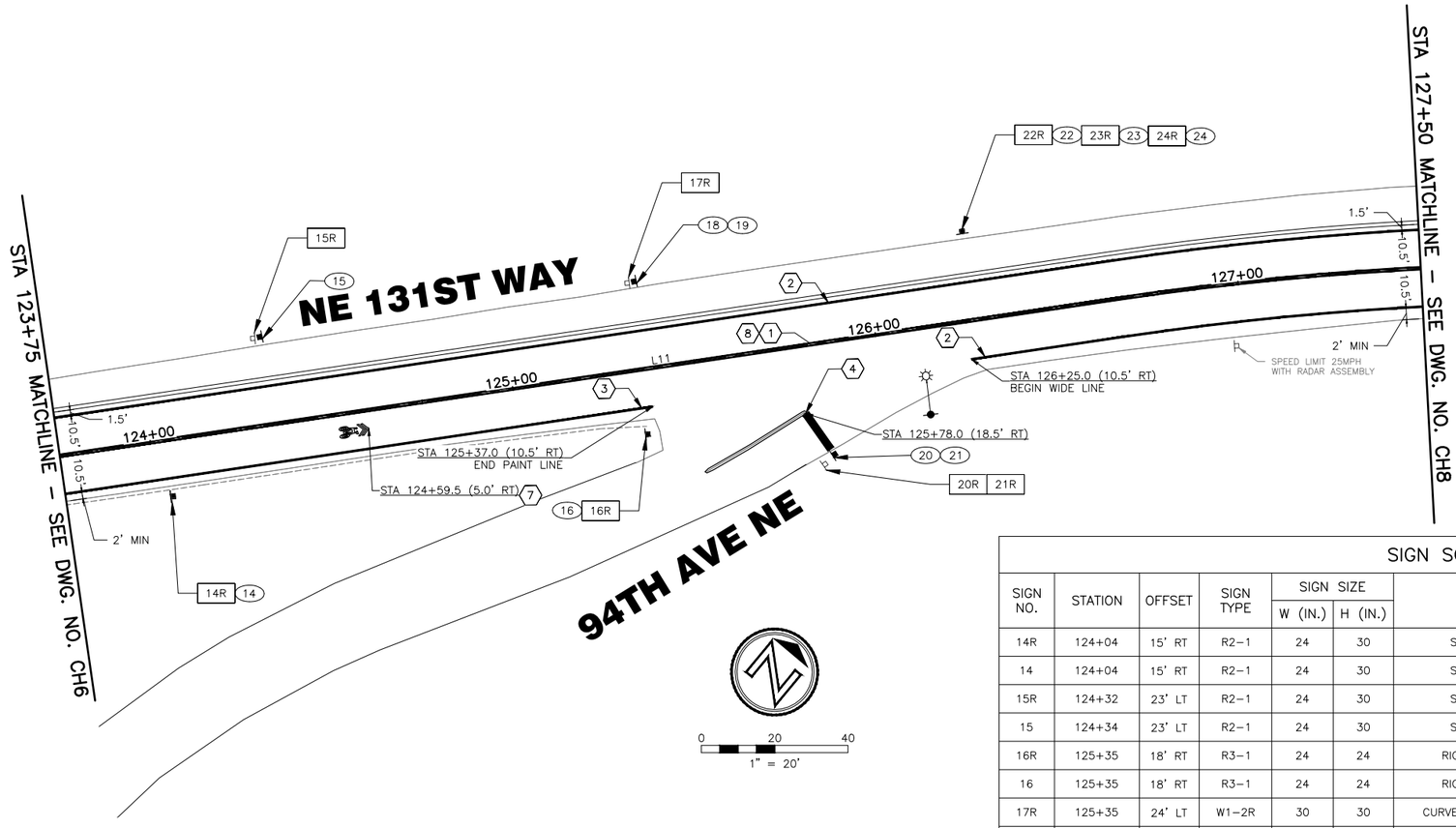
CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
CHANNELIZATION AND SIGNING PLAN

SHEET 21 / 27

Apr 10, 2023 – 12:14pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140 CH.dwg Layout Name: CH6

Know what's below. Call before you dig.



GENERAL NOTES:

1. ALL SIGNS TO BE INSTALLED PER COK STD PLAN CK–R.43 AND CK–R.44.
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CONSTRUCTION NOTES:

1. INSTALL DOUBLE YELLOW CENTER LINE PER COK STD PLAN CK–R.31.
2. INSTALL 6" WHITE PROFILED PLASTIC WIDE LINE PER DETAIL ON DWG NO. MD1.
3. INSTALL 6" WHITE PAINT LINE PER DETAIL ON DWG NO. MD1.
4. INSTALL WHITE PLASTIC STOP LINE PER COK STD PLAN CK–R.28.
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7. INSTALL PLASTIC SHARED LANE MARKING PER COK STD PLAN CK–R.46. STATION AND OFFSET LABELS ARE SHOWN TO TIP OF ARROW.
8. CONSTRUCT CENTERLINE RUMBLE STRIP PER WSDOT STD PLAN M–65.10–03.

SIGN LEGEND

(X) – NEW SIGN

[XXR] – REMOVE EXISTING SIGN

– NEW SIGN

– EXISTING SIGN

SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	SIGN TYPE	SIGN SIZE W (IN.)	SIGN SIZE H (IN.)	DESCRIPTION	REMARKS
14R	124+04	15' RT	R2–1	24	30	SPEED LIMIT 25 MPH	REMOVE SIGN AND POST
14	124+04	15' RT	R2–1	24	30	SPEED LIMIT 25 MPH	INSTALL NEW SIGN ON NEW POST
15R	124+32	23' LT	R2–1	24	30	SPEED LIMIT 35 MPH	REMOVE SIGN AND POST
15	124+34	23' LT	R2–1	24	30	SPEED LIMIT 30 MPH	INSTALL NEW SIGN ON NEW POST
16R	125+35	18' RT	R3–1	24	24	RIGHT TURN PROHIBITED	REMOVE SIGN AND POST
16	125+35	18' RT	R3–1	24	24	RIGHT TURN PROHIBITED	INSTALL NEW SIGN ON NEW POST
17R	125+35	24' LT	W1–2R	30	30	CURVE HORIZONTAL ALIGNMENT	REMOVE SIGN AND POST
18	125+37	24' LT	W1–1R	30	30	RIGHT TURN HORIZONTAL ALIGNMENT	INSTALL NEW SIGN ON NEW POST
19	125+37	24' LT	W13–1	30	30	30 MPH ADVISORY SPEED PLAQUE	INSTALL NEW SIGN ON NEW POST
20R	125+81	33' RT	R1–1	30	30	STOP	REMOVE SIGN AND POST
20	125+84	31' RT	R1–1	30	30	STOP	INSTALL NEW SIGN ON NEW POST
21R	125+81	33' RT	D3–1	24	6	94TH AVE NE	REMOVE SIGN AND POST
21	125+84	31' RT	R3–2	24	24	LEFT TURN PROHIBITED	INSTALL NEW SIGN ON NEW POST
22R	126+27	24' LT	D3–1	24	6	NE 131ST WAY	REMOVE SIGN AND POST
22	126+27	24' LT	D3–1	24	6	94TH AVE NE	INSTALL NEW SIGN ON NEW POST
23R	126+27	24' LT	D3–1	24	6	NE 131ST WAY	REMOVE SIGN AND POST
23	126+27	24' LT	D3–1	24	6	NE 131ST WAY	INSTALL NEW SIGN ON NEW POST
24R	126+27	24' LT	R3–2	24	24	LEFT TURN PROHIBITED	REMOVE SIGN AND POST
24	126+27	24' LT	R3–2	24	24	LEFT TURN PROHIBITED	INSTALL NEW SIGN ON NEW POST

DWG. NO. CH7

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONATO STATE OF WASHINGTON 48151 REGISTERED PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
CH7	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND WASHINGTON

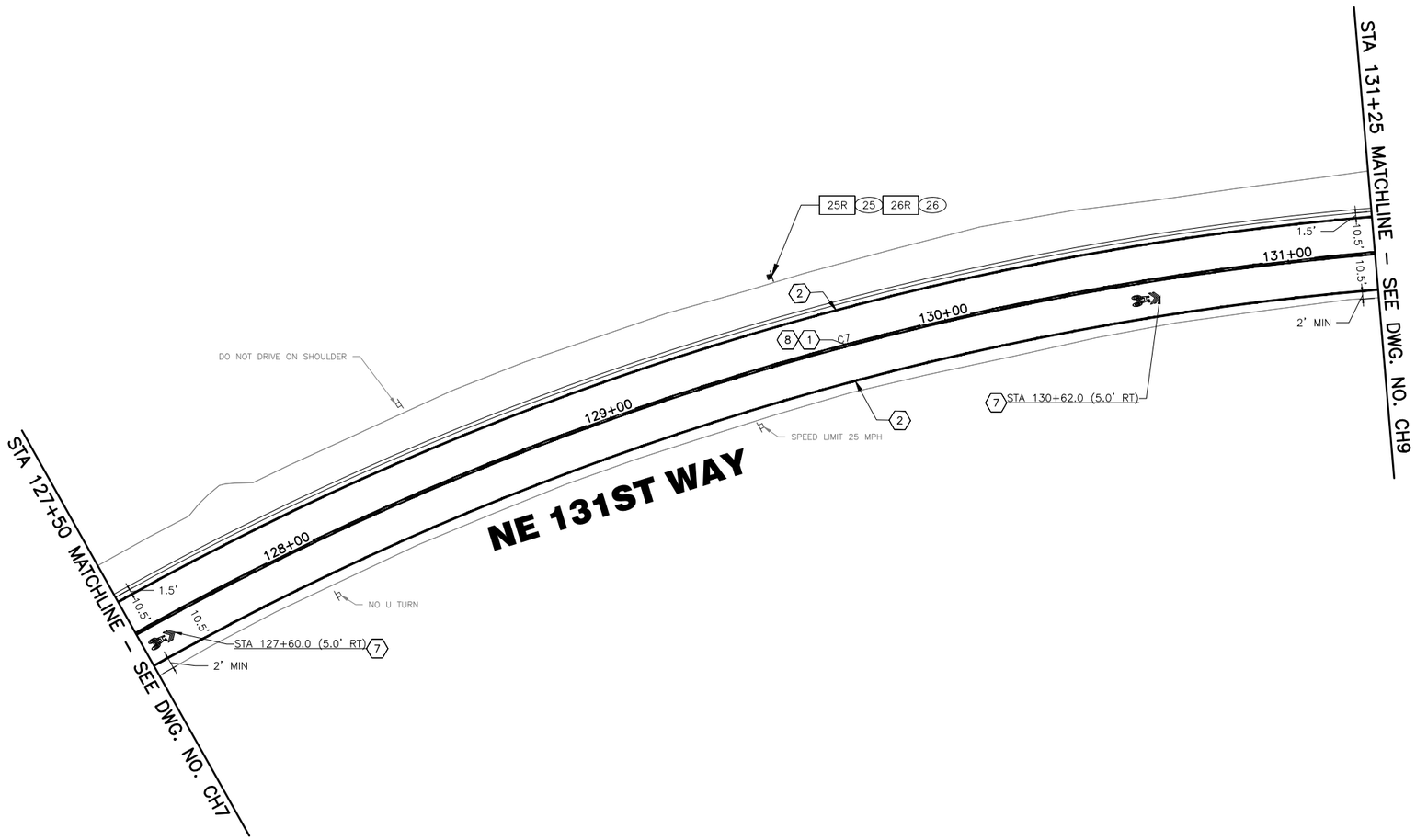
CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
CHANNELIZATION AND SIGNING PLAN

SHEET 22 / 27

Apr 10, 2023 – 12:14pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140 CH.dwg Layout Name: CH7

Know what's below. Call before you dig.



GENERAL NOTES:

1. ALL SIGNS TO BE INSTALLED PER COK STD PLAN CK–R.43 AND CK–R.44.
2. UNLESS OTHERWISE SHOWN, ALL EXISTING SIGNS NOT NOTED IN TABLE ARE TO REMAIN.

CONSTRUCTION NOTES:

1. INSTALL DOUBLE YELLOW CENTER LINE PER COK STD PLAN CK–R.31.
2. INSTALL 6" WHITE PROFILED PLASTIC WIDE LINE PER DETAIL ON DWG NO. MD1.
3. INSTALL 6" WHITE PAINT LINE PER DETAIL ON DWG NO. MD1.
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7. INSTALL PLASTIC SHARED LANE MARKING PER COK STD PLAN CK–R.46. STATION AND OFFSET LABELS ARE SHOWN TO TIP OF ARROW.
8. CONSTRUCT CENTERLINE RUMBLE STRIP PER WSDOT STD PLAN M–65.10–03.

SIGN LEGEND

(X) – NEW SIGN

[XXR] – REMOVE EXISTING SIGN

– NEW SIGN

– EXISTING SIGN

SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	SIGN TYPE	SIGN SIZE W (IN.)	SIGN SIZE H (IN.)	DESCRIPTION	REMARKS
25R	129+55	25' LT	W16–8P	30	8	94TH AVE NE PLAQUE	REMOVE SIGN AND POST
25	129+55	25' LT	W16–8P	30	8	94TH AVE NE PLAQUE	INSTALL NEW SIGN ON NEW POST
26R	129+55	25' LT	W2–2	30	30	INTERSECTION WARNING	REMOVE SIGN AND POST
26	129+55	25' LT	W2–2	30	30	INTERSECTION WARNING	INSTALL NEW SIGN ON NEW POST

0 20 40
1" = 20'

DWG. NO. CH8

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONATO STATE OF WASHINGTON 48151 REGISTERED PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
CH8	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND WASHINGTON

CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
CHANNELIZATION AND SIGNING PLAN

SHEET 23 / 27

Apr 10, 2023 – 12:14pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140_CH.dwg Layout Name: CH8

Know what's below. Call before you dig.

GENERAL NOTES:

1. ALL SIGNS TO BE INSTALLED PER COK STD PLAN CK–R.43 AND CK–R.44.
2. UNLESS OTHERWISE SHOWN, ALL EXISTING SIGNS NOT NOTED IN TABLE ARE TO REMAIN.

CONSTRUCTION NOTES:

1. INSTALL DOUBLE YELLOW CENTER LINE PER COK STD PLAN CK–R.31.
2. INSTALL 6" WHITE PROFILED PLASTIC WIDE LINE PER DETAIL ON DWG NO. MD1.
3. INSTALL 6" WHITE PAINT LINE PER DETAIL ON DWG NO. MD1.
4. INSTALL WHITE PLASTIC STOP LINE PER COK STD PLAN CK–R.28.
5. INSTALL WHITE TYPE 5 FLEXIBLE DELINEATOR SURFACE MOUNT, 3' OC AND 3' HEIGHT, PER COK STD PLAN CK–R.26.
6. INSTALL WHITE PLASTIC CROSSWALK LINE PER COK STD PLAN CK–R.28.
7. INSTALL PLASTIC SHARED LANE MARKING PER COK STD PLAN CK–R.46. STATION AND OFFSET LABELS ARE SHOWN TO TIP OF ARROW.
8. CONSTRUCT CENTERLINE RUMBLE STRIP PER WSDOT STD PLAN M–65.10–03.

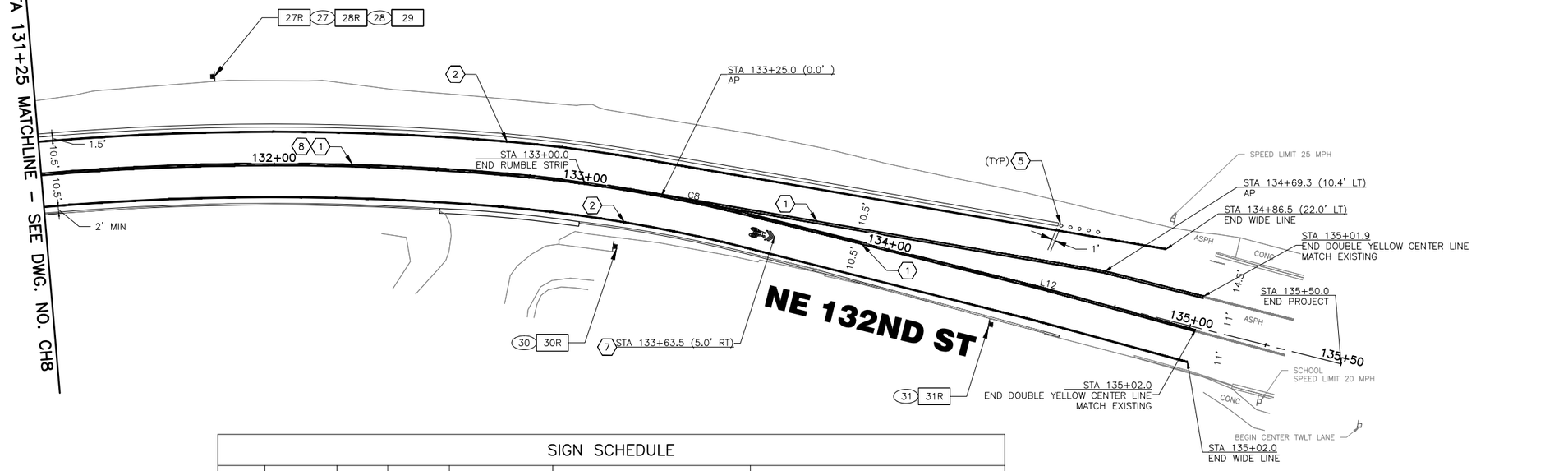
SIGN LEGEND

(X) – NEW SIGN

[XXR] – REMOVE EXISTING SIGN

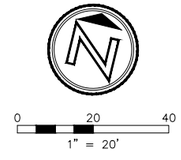
– NEW SIGN

– EXISTING SIGN



SIGN SCHEDULE

SIGN NO.	STATION	OFFSET	SIGN TYPE	SIGN SIZE W (IN.)	SIGN SIZE H (IN.)	DESCRIPTION	REMARKS
27R	131+81	21' LT	D3–1	30	8	NE 131ST WAY	REMOVE SIGN AND POST
27	131+81	21' LT	D3–1	30	8	NE 131ST WAY	INSTALL NEW SIGN ON NEW POST
28R	131+81	21' LT	D3–1	30	8	NE 132ND ST	REMOVE SIGN AND POST
28	131+81	21' LT	D3–1	30	8	NE 132ND ST	INSTALL NEW SIGN ON NEW POST
29	131+81	21' LT	W11–3	30	8	DEER CROSSING	INSTALL NEW SIGN ON NEW POST
30R	133+13	19' RT	R7–1	12	18	NO PARKING ANYTIME	REMOVE SIGN AND POST
30	133+13	19' RT	R7–1	12	18	NO PARKING ANYTIME	INSTALL NEW SIGN ON NEW POST
31R	134+38	15' RT	R7–1	12	18	NO PARKING ANYTIME	REMOVE SIGN AND POST
31	134+38	15' RT	R7–1	12	18	NO PARKING ANYTIME	INSTALL NEW SIGN ON NEW POST



DWG. NO. CH9

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONATO – STATE OF WASHINGTON – 48151 – REGISTERED PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
CH9	JMD	JAT	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND WASHINGTON

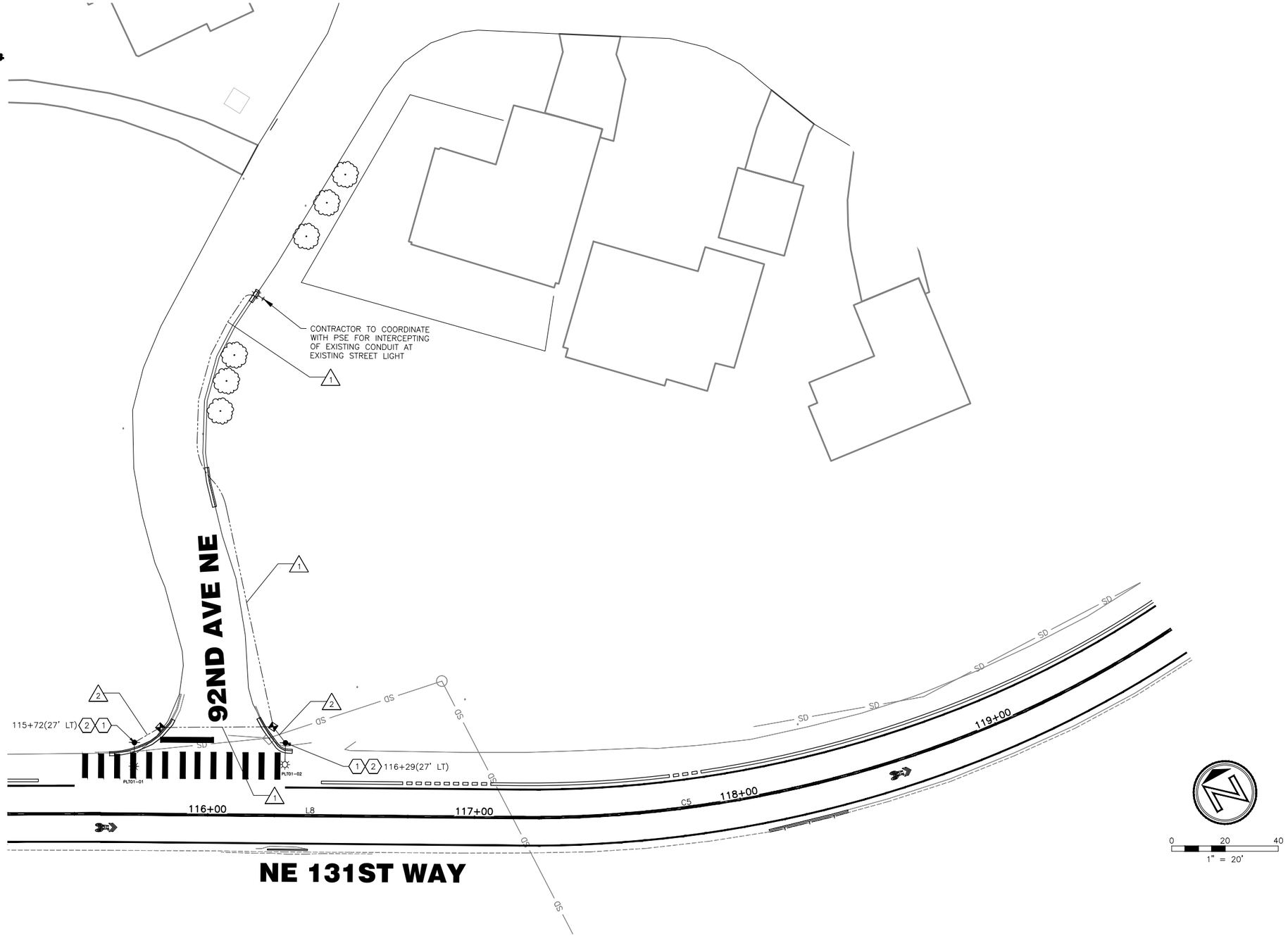
CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS
CHANNELIZATION AND SIGNING PLAN

SHEET 24/27

Apr 10, 2023 – 12:14pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CAD\02 – Plan Sheets\20210140_CH.dwg Layout Name: CH9

Know what's below. Call before you dig.



ILLUMINATION GENERAL NOTES:

1. UTILITY LOCATION (DIAL-A-DIG) PRIOR TO CONSTRUCTION WILL BE THE RESPONSIBILTY OF THE CONTRACTOR CONFLICTS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
2. ALL WORK SHALL BE IN CONFORMANCE WITH 2023 STATE OF WASHINGTON STANDARD PLANS AND SPECIFICATIONS.
3. ALL JUNCTION BOXES AND CONDUITS RUNS SHALL BE INSTALLED AS SHOWN ON THE PLANS. LOCATIONS SHOWN ARE SCHEMATIC AND THE ENGINEER WILL PROVIDE EXACT LOCATIONS. SEE WSDOT STANDARD PLANS J-10, J-40.10-04, AND J-40.30-04

ILLUMINATION CONSTRUCTION NOTES:

(1) INSTALL PLASTIC TUBE FOR STREET LIGHT(MIN 18" DIA) AS SHOWN IN APPENDIX DWG. NO. 1. PSE TO INSTALL POLES, LIGHT FIXTURES, AND WIRING. CONTRACTOR TO COORDINATE WITH PSE

(2) TRIM VEGETATION/TREE FOR INSTALLATION OF LIGHT FIXTURE AS DIRECTED BY THE ENGINEER AND COORDINATE WITH PSE.

LEGEND

EXISTING	NEW	
☼	●—☼	PLASTIC TUBE FOR PSE INSTALLED LIGHT AND POLE
▪	▪	JUNCTION BOX TYPE 1
		CONDUIT
	(X)	WIRE NOTE
	(X)	CONSTRUCTION NOTE

DWG. NO. IL1

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
IL1	JESL	RMC	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND WASHINGTON

CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033-6189 – (425)587-3800

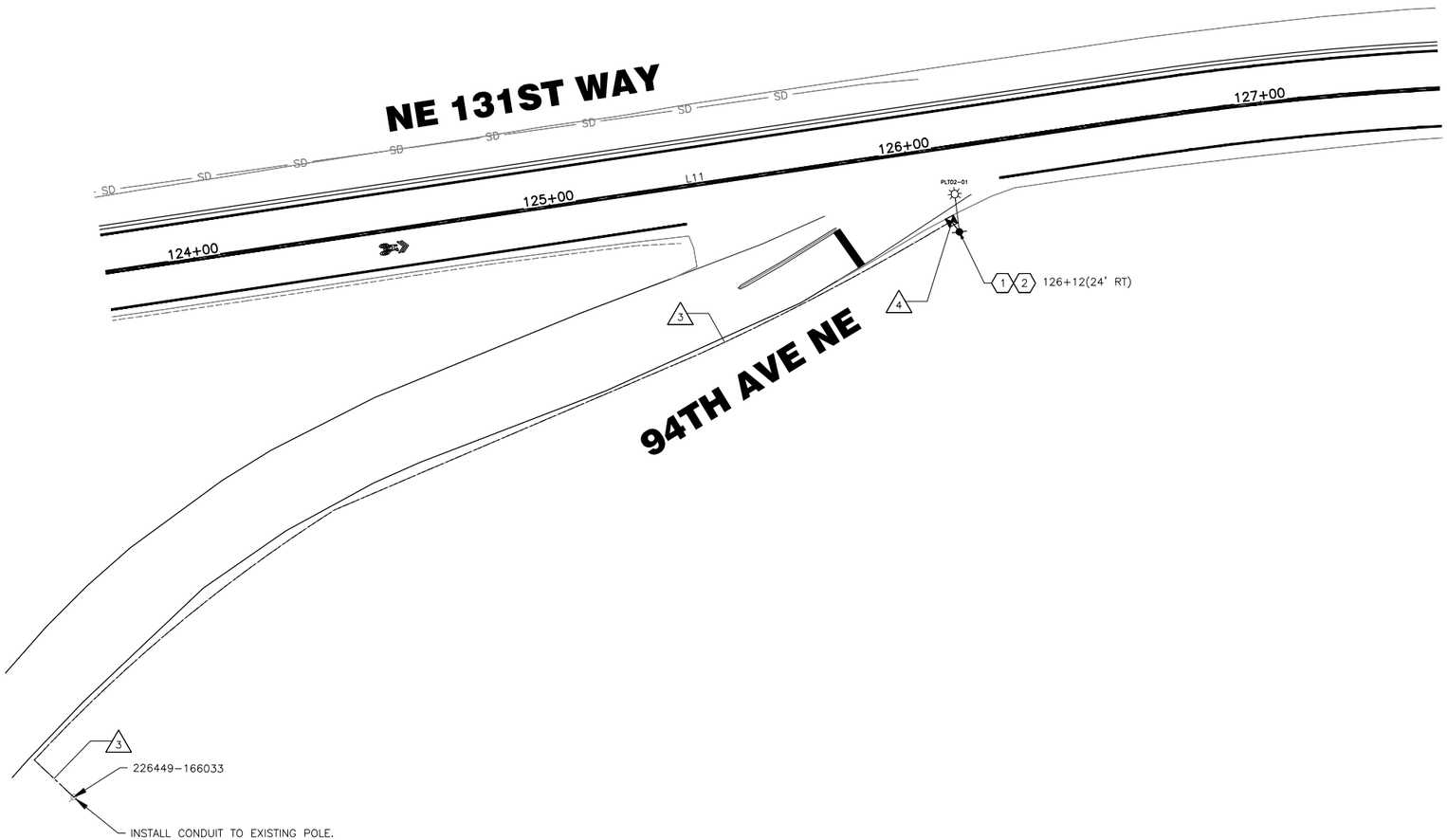
NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS

ILLUMINATION PLAN

SHEET 25/27

Apr 10, 2023 – 12:15pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140 IL.dwg Layout Name: IL1

811
Know what's below.
Call before you dig.



ILLUMINATION GENERAL NOTES:

1. UTILITY LOCATION (DIAL-A-DIG) PRIOR TO CONSTRUCTION WILL BE THE RESPONSIBILITY OF THE CONTRACTOR CONFLICTS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
2. ALL WORK SHALL BE IN CONFORMANCE WITH 2023 STATE OF WASHINGTON STANDARD PLANS AND SPECIFICATIONS.
3. ALL JUNCTION BOXES AND CONDUITS RUNS SHALL BE INSTALLED AS SHOWN ON THE PLANS. LOCATIONS SHOWN ARE SCHEMATIC AND THE ENGINEER WILL PROVIDE EXACT LOCATIONS. SEE WSDOT STANDARD PLANS J-10, J-40.10-04, AND J-40.30-04

ILLUMINATION CONSTRUCTION NOTES:

1. INSTALL PLASTIC TUBE FOR STREET LIGHT(MIN 18" DIA) AS SHOWN IN APPENDIX DWG. NO. 1. PSE TO INSTALL POLES, LIGHT FIXTURES, AND WIRING. CONTRACTOR TO COORDINATE WITH PSE
2. TRIM VEGETATION/TREE FOR INSTALLATION OF LIGHT FIXTURE AS DIRECTED BY THE ENGINEER AND COORDINATE WITH PSE.

LEGEND

EXISTING	NEW	
		PLASTIC TUBE FOR PSE INSTALLED LIGHT AND POLE
		JUNCTION BOX TYPE 1
		CONDUIT
	X	WIRE NOTE
	X	CONSTRUCTION NOTE

0 20 40
1" = 20'

DWG. NO. IL2

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
IL2	JESL	RMC	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND WASHINGTON

CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033-6189 – (425)587-3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS

ILLUMINATION PLAN

SHEET
26
27

Apr 10, 2023 – 12:15pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140 IL.dwg Layout Name: IL2

Know what's below.
Call before you dig.

WIRE SCHEDULE			
SERVICE	RUN	CONDUIT	CONDUCTORS
226470-165940	1	2" PVC	MULE TAPE
	2	2" PVC	MULE TAPE
226449-166033	3	2" PVC	MULE TAPE
	4	2" PVC	MULE TAPE

NOTE: IINSTALLATION OF POLES AND LIGHT FIXTURES BY OTHERS. COORDINATE WITH PSE AND SEE APPENDIX DWG. NO. 1.

DWG. NO. ID1

PERTEET
801 2ND AVENUE, SUITE 302
SEATTLE, WA 98104
206.436.0515 | 800.615.9900

JANESSA MARIE DONALDSON
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER
04/10/2023

FILE	ENGR.	REVIEW	SCALE	DATE
ID1	JESL	RMC	SHOWN	APRIL 2023

NO.	REVISION	BY	REVIEW	DATE

CITY OF KIRKLAND
WASHINGTON

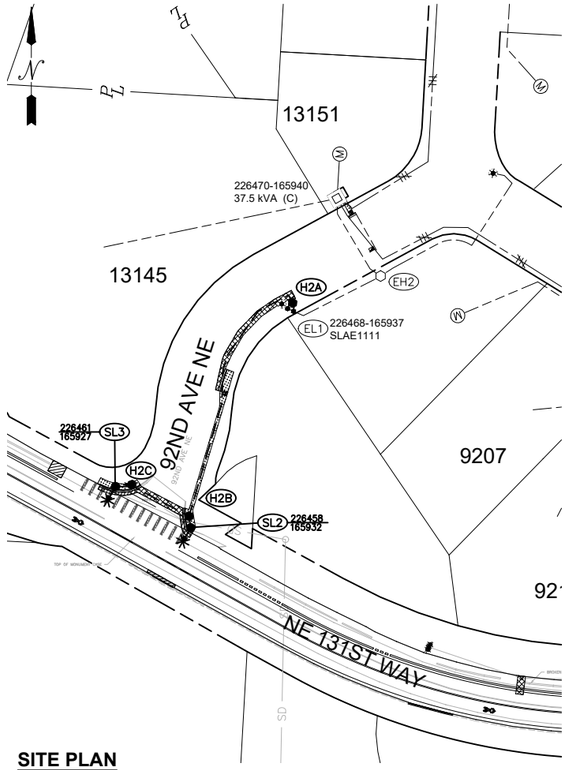
CITY OF KIRKLAND
PUBLIC WORKS DEPARTMENT
123 FIFTH AVENUE – KIRKLAND, WA 98033–6189 – (425)587–3800

NE 131ST WAY/90TH AVE NE
NONMOTORIZED IMPROVEMENTS

ILLUMINATION DETAILS

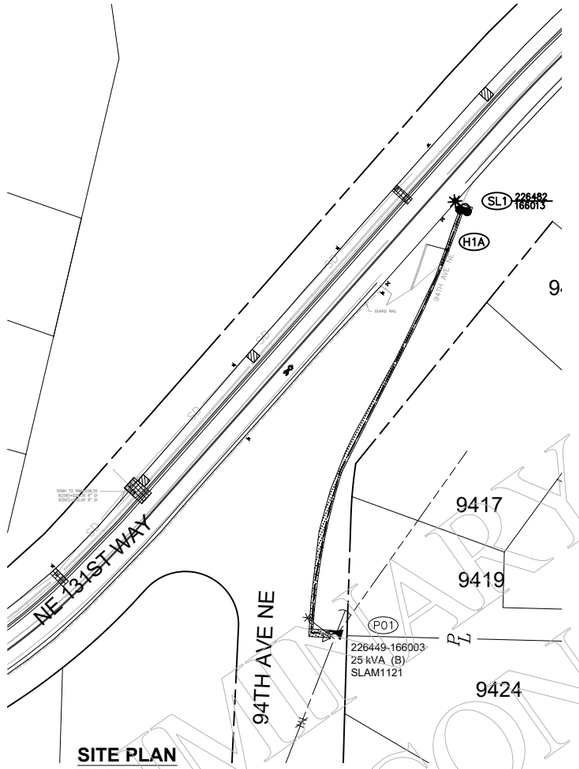
SHEET
27
27

Apr 10, 2023 – 12:15pm melanie.williams X:\Kirkland, City of\Projects\20210140 – NE 131st Way 90th Ave NE Nonmotorized Improvements\CADD\02 – Plan Sheets\20210140 ID.dwg Layout Name: ID1



SITE PLAN

SCALE: 1" = 50'



SITE PLAN

SCALE: 1" = 50'

SITE SPECIFIC NOTES

EL1:
- EXISTING STREETLIGHT

P01:
- EXISTING PSE DIST POLE
- INST NEW 2" COND RISER & S/O BRKTS
- FLAGGING REQUIRED

SL1 - SL3:
- INST NEW 40' MH FG SILVER POLE IN DEVELOPER PROVIDED SONO-TUBES. **SEE LUMINAIRE TABLE AND SONO-TUBE DETIAL.**
- INST NEW 98W LED CHFL T2 3000K & 6' ARM
- ORIENT OVER NE 131ST WAY
- INST SMART NODE AND SERIAL NUMBER
- INST STREET LIGHT TAG
- FLAGGING REQUIRED

H1A, H2B, H2C:
- INST NEW FIBERGLASS STREETLIGHT HANDHOLE HHSL3 W/ 3-3POS FARGOS
- CONNECT AND TAG CIRCUITRY
- FLAGGING REQUIRED

H2A:
- INTERCEPT/RE-ROUTE EXISTING CABLE & CONDUIT FROM EH1 TO EL1
- INST NEW FIBERGLASS STREETLIGHT HANDHOLE HHSL3 W/ 3-3POS FARGOS
- CONNECT AND TAG CIRCUITRY
- FLAGGING REQUIRED

SPAN NOTES
- DEVELOPER TO PROVIDE AND INSTALL 2" SCH40 WITH MULE-TAPE AT ALL LOCATIONS. **SEE CONDUIT CABLE DIAGRAM AND CIRCUITRY TABLE**
- PSE/POTELCO PROVIDE AND INSTALL #6 CABLE

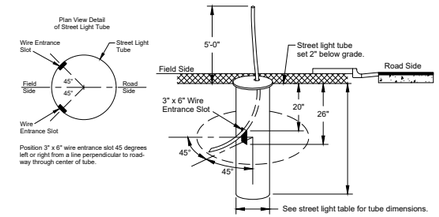
STREET LIGHT NOTES

POTELCO:

1. ALL STREET LIGHTING POLES ARE TO BE INSTALLED PER STANDARD 6375.4800 (PAGE #2) IN THE "LINE WORK PRACTICES MANUAL".
2. ALL POLES (WOOD, CONCRETE OR FIBERGLASS) ARE TO BE SET PLUMB AND EMBEDDED TO THE GROUND LINE MARKED ON THE POLE.
3. BACKFILL AROUND POLE WITH 5/8" MINUS GRAVEL AND COMPACT IN 6" LIFTS. (PEA GRAVEL AND NATIVE SOILS ARE NOT ACCEPTABLE.) APPROXIMATELY 1 CU. YD. OF 5/8" MINUS CRUSHED ROCK WILL BE REQUIRED.
4. IN ALL SHOEBOX AND COBRAHEAD INSTALLATIONS, THE LUMINAIRE MUST BE LEVELED.

DEVELOPER / CUSTOMER:

1. THE DEVELOPER IS REQUIRED TO SUPPLY AND INSTALL PLASTIC (NON PAPER) STREET LIGHT TUBES (MINIMUM 18" DIAMETER) TO AID IN THE INSTALLATION OF THE STREET LIGHTING POLES.
2. DEVELOPER MUST SUPPLY DURABLE LID/COVER AT EACH STREET LIGHT TUBE.
3. DEVELOPER TO PROVIDE ALL TRENCHING AND CONDUIT WITH PULL-STRINGS FOR STREET LIGHTING CIRCUITRY.
4. CONDUIT SHALL BE SCH 40 PVC, CONDUIT CROSSING ROADWAYS OR DRIVEWAYS SHALL BE SCH 80 PVC.

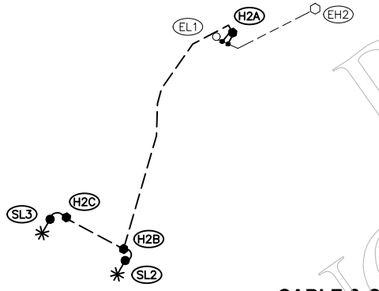


STREET LIGHT TUBE DETAIL

SCALE: NONE

EROSION & SEDIMENT CONTROL REQUIREMENTS

EROSION & SEDIMENT CONTROL SHALL BE PER PSE STANDARD PRACTICE 0150.3200 TECHNIQUES FOR TEMPORARY EROSION & SEDIMENT CONTROL & ANY ADDITIONAL LOCAL JURISDICITON REQUIREMENTS. (LOCAL JURISDICTIONS MAY HAVE ADDITIONAL REQUIREMENTS INCLUDING NOTES DETAILING WHERE EROSION OR SEDIMENT CONTROL STRUCTURES ARE TO BE INSTALLED, CROSS SECTION DETAILS OF THE TYPICAL EROSION STRUCTURES, & SPECIAL REQUIREMENTS FOR WORK IN SENSITIVE AREAS.)



CABLE & CONDUIT DIAGRAM

SCALE: NONE

STREET LIGHT CIRCUITRY TABLE (105100226)

SITE #	FROM	CABLE INFO TYPE	CABLE INFO LF	AS-BUILT TYPE	AS-BUILT LENGTH	REMARKS
P01	H1A	#6 TPX	320			
H1A	SL2	#6 TPX	15			
SPL1	H2A	#6 TPX	10			
H2A	H2B	#6 TPX	190			
H2B	SL2	#6 TPX	15			
H2B	H2C	#6 TPX	50			
H2C	SL3	#6 CIC	15			
		TOTAL FT =	615	TOTAL FT =		

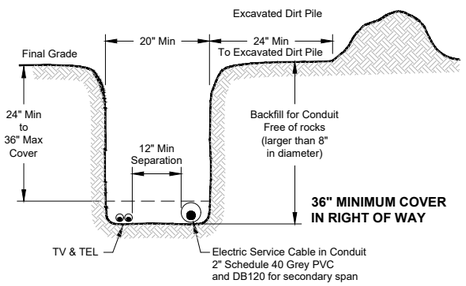
STREET LIGHT HANDHOLE TABLE

SITE	PEDESTAL OR HANDHOLE	NUMBER OF POSITIONS REQUIRED	REMARKS
H1A	HANDHOLE	3	
H2A	HANDHOLE	3	
H2B	HANDHOLE	3	
H2C	HANDHOLE	3	

STREET LIGHT TABLE

SITE #	POLE GRID #	POLE INTOLIGHT TAG #	POLE TYPE	POLE MTG HT.	POLE ARM	LUMINAIRE WATTS	LUMINAIRE STYLE	TUBE TUBE LENGTH	TUBE TUBE DIAMETER	POLE BASE TYPE (Direct Buried or Basemount)	WO # (INTOLIGHT)	BILLING SCH.	TOTAL CONN LOAD	SMART STREET LIGHT NODE	NOTES
SL1	226482 166013		SILVER RND FG MAST ARM	40'	6'	98W	CHFL TY2 3000K LED	7'	24"	DIRECT BURIED	105100226	51	120/240		
SL2	226458 165932		SILVER RND FG MAST ARM	40'	6'	98W	CHFL TY2 3000K LED	7'	24"	DIRECT BURIED	105100226	51	120/240		
SL3	226461 165927		SILVER RND FG MAST ARM	40'	6'	98W	CHFL TY2 3000K LED	7'	24"	DIRECT BURIED	105100226	51	120/240		

Backfill for In Conduit - The backfill layer shall be soil that is free from construction debris, glass, sharp rocks, frozen clods, and rocks larger than 8" in diameter.



CUSTOMER-SUPPLIED JOINT TRENCH DETAIL

Electric Service Cable in Conduit (NTS)

FOREMAN (CHECK BOX WHEN COMPLETED)

- ☐ PSE Equipment LOCKED/SECURED & Work Area left in CLEAN/SAFE Condition.
- ☐ Grid, Cable, and Switch numbers INSTALLED & VERIFIED.
- ☐ Field Changes RED-LINED on As-built.
- ☐ Material VERIFIED and CHANGES noted on Paperwork.
- ☐ Total PRIMARY Cable noted on As-built.
- ☐ Company ID#'s RECORDED in correct location on As-built.
- ☐ Indicate correct FUSE SIZE on As-built & VERIFY proper PHASE.
- ☐ Deviations noted on the As-built and their reason.

☐ I certify that the work performed meets PSE's standards and procedures and that all quality requirements are met.

Foreman's Signature _____

Print Name _____ Date _____

PROJECT PHASE	NOTIF#	ORDER#
PWR Superior	512726578	105100226
		141XXXXXX

Construction Manager Contact Information:

Manager: LANE MAHLER
Cell Phone: 425-462-3624
E-Mail: LANE.MAHLER@PSE.COM

Developer Locates Req'd	Yes
PSE Locates Req'd	No
Outages Req'd	No
Flagging Req'd	Yes

Vicinity Map 47.717312, -122.215454

105100226

Owner / Developer Contact Info

CITY OF KIRKLAND
N/A
N/A
ATTN: Mathew Brooks 425-587-3845 office

For contacts below dial 1-888-CALL PSE (225-5773)

CALL 811 TWO BUSINESS DAYS BEFORE YOU DIG

THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

☒ NEW BUSINESS	☐ CORRECTIVE / 10 DAY WAIVED	REAL ESTATE/EASEMENT N/A	PERMIT COK

REV#	DATE	BY	DESCRIPTION	FUNCTION	CONTACT	PHONE NO	DATE
3	N/A	N/A	N/A	ACCOUNT MGR	L. GOLDSMITH	425-269-7037	3/27/23
2	N/A	N/A	N/A	ENGR - POWER	A. WARREN	253-508-7859	3/27/23
1	N/A	N/A	N/A	ENGR - GAS	N/A	N/A	N/A

COUNTY	Emer Sect	Gas Wk Ctr	POWER WK CTR	DRAWN BY	A. WARREN	253-508-7859	3/23/27
KING	N/A	N/A	3515	CHECKED BY			
1/4 SEC	OP MAP		PLAT MAP	APPROVED BY			
NE-30 - T26N -R05E	N/A		N/A	FOREMAN #1			
U-MAP NO (POWER)	OH CKT MAP	UG CKT MAP	CIRCUIT NO	FOREMAN #2			
2605E117	2605E132	2605E117	JUA-15/25	MAPPING			

JOINT FACILITIES ARRANGEMENTS

UTILITIES	N/A	N/A	N/A	N/A
CONTACT	N/A	N/A	N/A	N/A
PHONE#	N/A	N/A	N/A	N/A

PUGET SOUND ENERGY

COK - Intersections of 92nd Ave NE & NE 131st Way
NEW STREETLIGHTS
94th Ave NE & NE 131st Way, KIRKLAND, 98034

INCIDENT N/A	MAOP N/A
Gas Order N/A	Elect Order 105100226
SCALE AS NOTED	PAGE 1/1

PRELIMINARY NOT FOR CONSTRUCTION SUBJECT TO CHANGE

Mar 27, 2023 - 11:47am X:\#StritePartners\Job Files\All Warren\ACTIVE\KIRKLAND\105100226 - COK Intersections of 92nd Ave NE & NE 131st Way\CAD FILES\ 105100226 - COK - Intersections of 92nd Ave NE & NE 131st Way STLTs.dwg