

CITY OF KIRKLAND

124TH AVENUE NE PEDESTRIAN IMPROVEMENTS

JOB NO.: 02-25-PW

JULY 2025

CIP PROJECT NO.: NMC3000040

CITY OFFICIALS

KELLI CURTIS

JAY ARNOLD

NEAL BLACK

PENNY SWEET

AMY FALCONE

JOHN TYMCZYSZYN

JON PASCAL

KURT TRIPLETT

JULIE UNDERWOOD

ROB ENGLISH

MAYOR

DEPUTY MAYOR

COUNCIL MEMBER

COUNCIL MEMBER

COUNCIL MEMBER

COUNCIL MEMBER

COUNCIL MEMBER

CITY MANAGER

INTERIM PUBLIC WORKS DIRECTOR

CAPITAL DIVISION MANAGER

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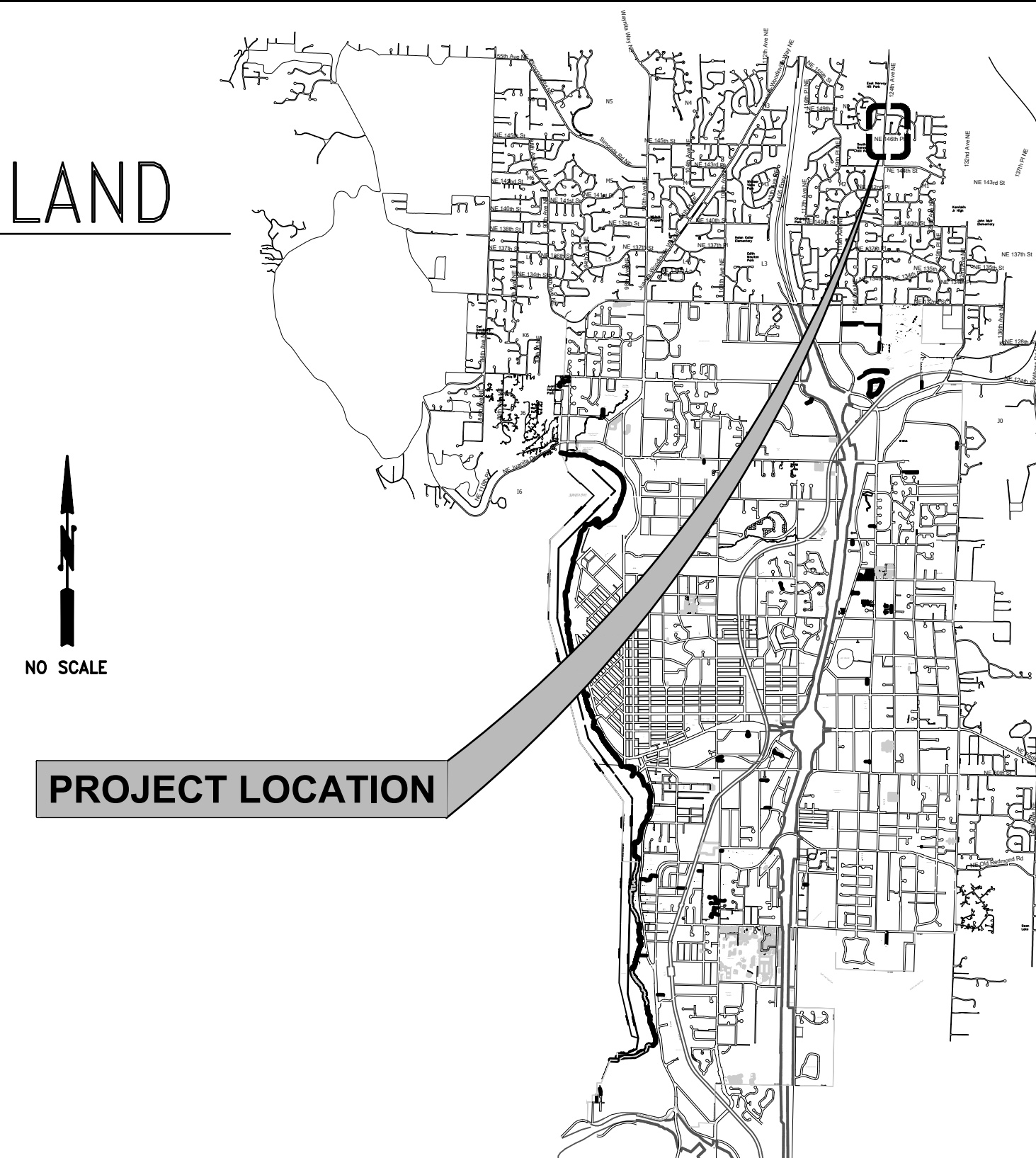
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LYNDESEY GOLDSMITH (LIGHTING) (425) 396-3838

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KIRKLAND

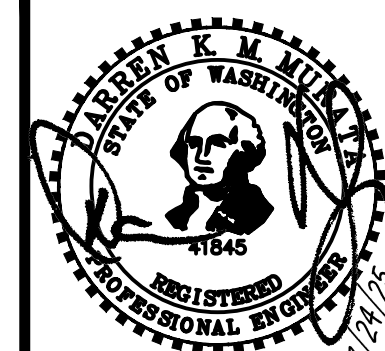


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S. ASHE	3-2025
DESIGNED BY:	DATE
R. TEMPLADO	3-2025
DRAWN BY:	DATE
D. MURATA	3-2025
CHECKED BY:	DATE



CITY OF KIRKLAND  
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124TH AVENUE NE  
PEDESTRIAN IMPROVEMENTS PROJECT



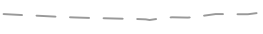

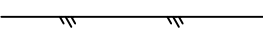

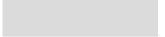

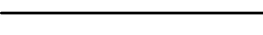

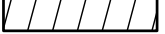

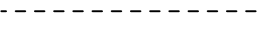









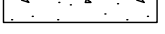







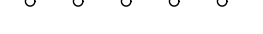



















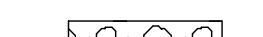

















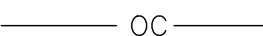











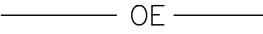






















COVER SHEET





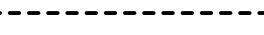




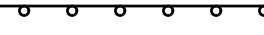



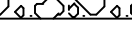

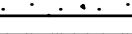























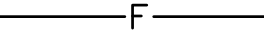
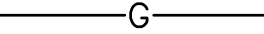









SHEET  
1  
OF  
18  
SHEETS












































July 24, 2025 - 3:15 PM - RTEMPLADO - J:\7215283-01\66CAD\CIVIL\SA-GN-CV-15283-01.DWG - Layout Name: 2 LEGEND AND ABBREVIATIONS

## GENERAL PROJECT LEGEND

EXISTING ITEMS		EXISTING ITEMS	
	MAJOR CONTOUR (5.00' INTERVAL)		FIBER OPTIC PULL BOX
	MINOR CONTOUR (1.00' INTERVAL)		FUEL LINES
	EDGE OF ASPHALT		FUEL VALVE
	ASPHALT HATCH		FUEL MANHOLE
	BUILDING OUTLINE		FUEL METER
	BUILDING OUTLINE HATCH		NATURAL GAS LINE
	BUILDING OVERHANG		GAS VALVE
	BOULDER		GAS SERVICE
	BOLLARD		GAS MANHOLE
	BORE HOLE		GAS METER
	CHANNEL CENTERLINE		SANITARY SEWER LINE
	CONCRETE HATCH		SANITARY SEWER MANHOLE
	CONTROL POINT		SANITARY SEWER CLEANOUT
	CURB AND GUTTER		SANITARY SEWER SERVICE
	FENCE		STORM DRAIN LINE
	GUARDRAIL		STORM DRAIN CULVERT
	EDGE OF GRAVEL		CULVERT FLARED ENDS
	GRAVEL HATCH		STORM DRAIN MANHOLE
	IRRIGATION LINE		STORM DRAIN CATCH BASIN
	IRRIGATION SPRINKLER		STORM DRAIN FLOWLINE CATCH BASIN
	IRRIGATION CONTROL BOX		STORM DRAIN INLET
	IRRIGATION VALVE		STORM DRAIN CLEANOUT
	MAILBOX		TELEPHONE LINE
	MONITOR WELL		TELEPHONE PULL BOX
	PARKING METER		WATER LINE
	RAILROAD		WATER VALVE
	RIPRAP HATCH		FIRE HYDRANT
	SIGN		FIRE DEPARTMENT CONNECT
	FLAGPOLE		WATER METER
	TRAFFIC SIGNAL POLE		WATER MANHOLE
	TRAFFIC SIGNAL HEAD		WATER VAULT
	TRAFFIC CONTROL BOX		WATER END CAP
	MILE POST MARKER		WATER SERVICE
	ROADSIDE DELINEATOR		WATER WELL
	COMMUNICATION LINE		VEGETATION
	OVERHEAD COMMUNICATION LINE		VEGETATION HATCH
	COMMUNICATION MANHOLE		DECIDUOUS TREE
	COMMUNICATION VAULT		CONIFEROUS TREE
	COMMUNICATION BOX		SHRUB
	COMMUNICATION SATELLITE DISH		BUSH
	ELECTRIC LINE		SIDEWALK EDGE
	OVERHEAD ELECTRIC LINE		EASEMENT
	UTILITY POLE		PROPERTY LINE
	UTILITY GUY POLE		RIGHT-OF-WAY LINE
	UTILITY ANCHOR		POTHOLE LOCATION
	LIGHT		VIDEO PIPE INSPECTION LOCATION
	LUMINAIRE		PAVEMENT CORING LOCATION
	LANDSCAPE LIGHT		
	ELECTRIC METER		
	ELECTRIC MANHOLE		
	ELECTRIC VAULT		
	ELECTRIC VEHICLE OUTLET		
	ELECTRIC TRANSFORMER		
	JUNCTION BOX		
	ELECTRIC PULL BOX		
	FIBER OPTIC LINE		

PROPOSED ITEMS	
	MAJOR CONTOUR (5.00' INTERVAL)
	MINOR CONTOUR (1.00' INTERVAL)
	BUILDING OUTLINE
	BUILDING OUTLINE HATCH
	BUILDING OVERHANG
	BOLLARD
	BORE HOLE
	CONTROL POINT
	FENCE
	GUARDRAIL
	MAILBOX
	MONITOR WELL
	RAILROAD
	RIPRAP HATCH
	EDGE OF ASPHALT
	CONCRETE HATCH
	GRAVEL HATCH
	CURB
	SIGN
	SIDEWALK EDGE
	COMMUNICATION LINE
	OVERHEAD COMMUNICATION LINE
	COMMUNICATION MANHOLE
	COMMUNICATION VAULT
	COMMUNICATION BOX
	COMMUNICATION SATELLITE DISH
	ELECTRIC LINE
	OVERHEAD ELECTRIC LINE
	UTILITY POLE
	UTILITY ANCHOR
	LIGHT
	LUMINAIRE
	LANDSCAPE LIGHT
	ELECTRIC METER
	ELECTRIC MANHOLE
	ELECTRIC VAULT
	VEHICLE OUTLET
	ELECTRIC TRANSFORMER
	JUNCTION BOX
	FIBER OPTICS LINE
	FUEL LINE
	NATURAL GAS LINE
	GAS VALVE
	GAS SERVICE
	GAS MANHOLE
	GAS METER
	SANITARY SEWER LINE
	SANITARY SEWER MANHOLE
	SANITARY SEWER CLEANOUT
	SANITARY SEWER END CAP

PROPOSED ITEMS	
	SANITARY SEWER SERVICE
	STORM DRAIN LINE
	STORM DRAIN MANHOLE
	STORM DRAIN CATCH BASIN
	STORM DRAIN INLET
	STORM DRAIN CLEANOUT
	STORM DRAIN CULVERT
	CULVERT FLARED ENDS
	TELEPHONE LINE
	WATER LINE
	WATER VALVE
	FIRE HYDRANT
	FIRE DEPARTMENT CONNECT
	WATER METER
	WATER MANHOLE
	WATER VAULT
	WATER END CAP
	IRRIGATION SPRINKLER
	WATER SERVICE
	WATER WELL
	PIPE END CAP
	MJ 22.5' BEND
	MJ 45' BEND
	FLxMJ ADAPTER
	BLOW OFF VALVE
	VALVE
	MJ TEE
	THRUST BLOCK
	MJ SLEEVE
	VEGETATION
	DECIDUOUS TREE
	CONIFEROUS TREE
	SHRUB
	BUSH
	EASEMENT
	PROPERTY LINE
	WETLAND
	POTHOLE LOCATION
	CONSTRUCTION ALIGNMENT
	VIDEO PIPE INSPECTION LOCATION
	PAVEMENT CORING LOCATION

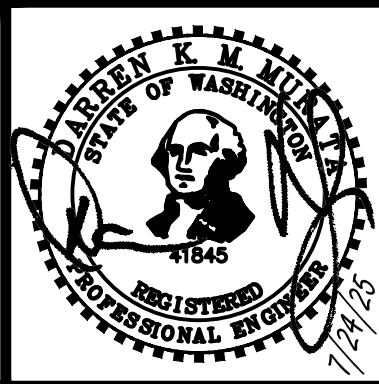
## COMMON ABBREVIATIONS

ABAND.	ABANDON IN-PLACE	TOC	TOP OF CURB
ARFS	AS REQUIRED FOR SAFETY	TEL	UNDERGROUND TELEPHONE
BH	BOREHOLES	TVG	TOP OF VALLEY GUTTER
BLK	BLOCK	(TYP.)	TYPICAL
C.B.	CATCH BASIN	UGP	UNDERGROUND POWER
CL	CENTERLINE	UNK	UNKNOWN LOCATION
CL	CLASS	U/S	UPSTREAM
COK	CITY OF KIRKLAND	W	WEST
CONC	CONCRETE	WALL	TOP OF RETAINING WALL
CONC	CONCRETE SIDEWALK ELEVATION	@	AT
CP	CONTROL POINT		
CSP	CORRUGATED STEEL PIPE		
CY	CUBIC YARDS		
DEMO	DEMOLITION		
DH	DRILL HOLE		
DIA.	DIAMETER		
D/S	DOWNSTREAM		
E	EAST		
EG	EXISTING GRADE		
EL.	ELEVATION		
ELEC.	ELECTRICAL		
ELEV.	ELEVATION		
EOP	EDGE OF PAVEMENT		
EX.	EXISTING		
FF	FINISHED FLOOR ELEVATION		
FG	FINISHED GRADE		
FL	FLOWLINE, FLANGE		
FT	FEET		
I.E.	INVERT ELEVATION		
INV.	INVERT		
INV. EL.	INVERT ELEVATION		
LF	LINEAL FEET		
LT	LEFT		
MH	MANHOLE		
MIN.	MINIMUM		
MJ	MECHANICAL JOINT		
N	NORTH		
NE	NORTHEAST		
NW	NORTHWEST		
O.D.	OUTSIDE DIAMETER		
OE	OVERHEAD ELECTRIC		
OHP	OVERHEAD POWER		
PP	POWER POLE		
PROP	PROPERTY		
PSI	POUNDS PER SQUARE INCH		
RCP	REINFORCED CONCRETE PIPE		
RJ	RESTRAINED JOINT		
RT	RIGHT		
S	SOUTH		
S=	SLOPE		
SD	STORM DRAIN		
SE	SOUTHEAST		
SF	SQUARE FEET		
STA.	STATION		
SUB	SUBDIVISION		
SW	SOUTHWEST		
SY	SQUARE YARD		
TBC	TOP BACK OF CURB		

DATE	NO.	REVISION		BY	



S. ASHE	3-2025
DESIGNED BY:	DATE
R. TEMPLADO	3-2025
DRAWN BY:	DATE
D. MURATA	3-2025
CHECKED BY:	DATE





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**124TH AVENUE NE  
PEDESTRIAN IMPROVEMENTS PROJECT**

**LEGEND AND ABBREVIATIONS**

SHEET  
**2**  
OF  
**18**  
SHEETS



July 24, 2025 - 3:15 PM - RTEMPPLADO - J:\7215283-01\66CADCIVIL\SA-GN-CV-15283-01.DWG - Layout Name: 3 GENERAL NOTES

GENERAL NOTES

- 1. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION.
- 2. BEFORE ANY CONSTRUCTION MAY OCCUR, THE CONTRACTOR SHALL HAVE PLANS ON THE JOB SITE WHICH HAVE BEEN SIGNED AND APPROVED BY THE CITY OF KIRKLAND PUBLIC WORKS DEPARTMENT; OBTAINED ALL CITY, COUNTY, STATE, FEDERAL AND OTHER REQUIRED PERMITS; AND HAVE POSTED ALL REQUIRED BONDS.
- 3. THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY PRIOR TO CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEANS TO PROTECT EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ANY AND ALL UTILITIES IN THE AREA PRIOR TO BEGINNING WORK ON THIS PROJECT. APPROXIMATE LOCATIONS OF EXISTING UTILITIES HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SHOWN FOR CONVENIENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF THE LOCATIONS SHOWN AND FOR DISCOVERY OF POSSIBLE ADDITIONAL UTILITIES NOT SHOWN SO AS TO AVOID DAMAGE OR DISTURBANCE. THE UNDERGROUND UTILITY LOCATION SERVICE SHALL BE CONTACTED FOR FIELD LOCATION PRIOR TO ANY CONSTRUCTION. THE OWNER OR HIS OR HER REPRESENTATIVE SHALL BE CONTACTED IF A UTILITY CONFLICT EXISTS. FOR UTILITY LOCATION IN KING COUNTY, CALL 1-800-424-5555. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT UTILITY LOCATES ARE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- 4. ALL DAMAGES INCURRED TO PUBLIC AND/OR PRIVATE PROPERTY BY THE CONTRACTOR DURING THE COURSE OF CONSTRUCTION SHALL BE PROMPTLY REPAIRED TO THE SATISFACTION OF THE CITY CONSTRUCTION INSPECTOR BEFORE PROJECT APPROVAL AND/OR THE RELEASE OF THE PROJECT PERFORMANCE BOND.
- 5. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, WIDTHS, THICKNESSES, AND ELEVATIONS OF ALL EXISTING PAVEMENTS AND STRUCTURES THAT ARE TO INTERFACE WITH NEW WORK. PROVIDE ALL TRIMMING, CUTTING, SAW CUTTING, GRADING, LEVELING, SLOPING, COATING, AND OTHER WORK, INCLUDING MATERIALS AS NECESSARY, TO CAUSE THE INTERFACE WITH EXISTING WORKS TO BE PROPER, ACCEPTABLE TO THE ENGINEER AND THE CITY OF KIRKLAND, COMPLETE IN PLACE AND READY TO USE.
- 6. OPEN CUT ROAD CROSSINGS FOR UTILITY TRENCHES ON EXISTING TRAVELED ROADWAY SHALL BE BACKFILLED ONLY WITH 5/8" MINUS CRUSHED ROCK AND MECHANICALLY COMPACTED (UNLESS OTHERWISE APPROVED BY THE CITY). FOR STREETS CLASSIFIED AS ARTERIALS OR COLLECTORS, BACKFILL FOR CROSSINGS SHALL BE CDF. CUTS INTO THE EXISTING ASPHALT SHALL BE NEAT LINE CUT WITH SAW OR JACKHAMMER IN A CONTINUOUS LINE. A TEMPORARY COLD MIX PATCH MUST BE PLACED IMMEDIATELY AFTER BACKFILL AND COMPACTION. A PERMANENT HOT MIX PATCH SHALL BE PLACED WITHIN 30 DAYS AND SHALL BE A MINIMUM OF 1" THICKER THAN THE ORIGINAL ASPHALT WITH A MINIMUM THICKNESS OF 2". SEE STANDARD D.02.
- 7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY TRAFFIC CONTROL TO ENSURE TRAFFIC SAFETY DURING CONSTRUCTION ACTIVITIES. THEREFORE, THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE PUBLIC WORKS DEPARTMENT AT LEAST 48 HOURS PRIOR TO STARTING ANY WORK IN THE RIGHT-OF-WAY. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) OR AS MODIFIED BY THE TRAFFIC ENGINEER.

STORM DRAINAGE - PLAN NOTES

- 1. SEE GENERAL NOTE 1.
- 2. SEE GENERAL NOTE 2.
- 3. ALL STORM DRAINAGE IMPROVEMENTS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF KIRKLAND PUBLIC WORKS PRE-APPROVED PLANS AND POLICIES AND THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, PREPARED BY WSDOT AND THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA).
- 4. ANY DEVIATION FROM THE APPROVED PLANS WILL REQUIRE WRITTEN APPROVAL, ALL CHANGES SHALL BE SUBMITTED TO THE CITY.
- 5. SEE GENERAL NOTE 2.
- 6. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED OR SIMILARLY STABILIZED TO THE SATISFACTION OF THE CITY OF KIRKLAND DEPARTMENT OF PUBLIC WORKS FOR THE PREVENTION OF ON-SITE EROSION AFTER THE COMPLETION OF CONSTRUCTION.
- 7. MINIMUM COVER OVER STORM DRAINAGE PIPES IN ROW OR VEHICULAR PATH SHALL BE SUBJECT TO PRE-APPROVED PLAN CK-D.01, UNLESS OTHER DESIGN IS APPROVED.
- 8. NOT USED.
- 9. ALL CATCH BASINS SHALL BE TYPE I UNLESS OTHERWISE NOTED. CATCH BASINS WITH A DEPTH OF OVER FIVE FEET (5') TO THE PIPE INVERT SHALL BE A TYPE II CATCH BASIN. TYPE II CATCH BASINS EXCEEDING FIVE FEET (5') IN DEPTH SHALL HAVE A STANDARD LADDER INSTALLED, UNLESS APPROVED BY CITY OF KIRKLAND ENGINEER.
- 10. ALL STORM DRAINAGE MAIN EXTENSIONS WITHIN THE PUBLIC RIGHT-OF-WAY OR IN EASEMENTS MUST BE STAKED FOR LINE AND GRADE PRIOR TO STARTING CONSTRUCTION.
- 11. ROCK FOR EROSION PROTECTION OF ROADWAY DITCHES, WHERE REQUIRED, MUST BE OF SOUND QUARRY ROCK, PLACED TO A DEPTH OF ONE FOOT. RECYCLED CONCRETE SHALL NOT BE USED FOR EROSION PROTECTION, INCLUDING FOR CONSTRUCTION ENTRANCE OR TEMPORARY STABILIZATION ELSEWHERE ON SITE.
- 12. ALL PIPE, MANHOLES, CATCH BASINS, AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH THE CURRENT STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (WSDOT). THIS SHALL INCLUDE NECESSARY LEVELING OF THE TRENCH BOTTOM OR THE TOP OF THE FOUNDATION MATERIAL AS WELL AS PLACEMENT AND COMPACTION OF REQUIRED BEDDING MATERIAL TO UNIFORM GRADE SO THAT THE ENTIRE LENGTH OF THE PIPE WILL BE SUPPORTED ON A UNIFORMLY DENSE, UNYIELDING BASE. IF THE NATIVE MATERIAL IN THE BOTTOM OF THE TRENCH MEETS THE REQUIREMENTS FOR "GRAVEL BACKFILL FOR PIPE BEDDING," THE FIRST LIFT OF PIPE BEDDING MAY BE OMITTED PROVIDED THE MATERIAL IN THE BOTTOM OF THE TRENCH IS LOOSENEED, REGRADED, AND COMPACTED TO FORM A DENSE UNYIELDING BASE. ALL PIPE BEDDING SHALL BE APWA CLASS B, TYPE I, OR BETTER. PIPE SHALL NOT BE INSTALLED ON SOD, FROZEN EARTH, LARGE BOULDERS, OR ROCK. PIPE BEDDING FOR FLEXIBLE PIPES SHALL BE PEA GRAVEL TO THE SPRINGLINE OF THE PIPE.
- 13. CONSTRUCTION OF DEWATERING DISCHARGES SHALL ALWAYS MEET WATER QUALITY GUIDELINES LISTED IN COK POLICY E-1. SPECIFICALLY, DISCHARGES TO THE PUBLIC STORMWATER DRAINAGE SYSTEM MUST BE BELOW 25NTU, AND NOT CONSIDERED A PROHIBITED DISCHARGE (PER KMC 15.52.090). TEMPORARY DISCHARGES TO SANITARY SEWER REQUIRE PRIOR AUTHORIZATION AND PERMIT FROM KING COUNTY INDUSTRIAL WASTE PROGRAM (206-263-3000) AND NOTIFICATION TO THE PUBLIC WORKS CONSTRUCTION INSPECTOR.
- 14. NOT USED.

- 15. ALL TRENCH BACKFILL SHALL BE COMPACTED TO 95 PERCENT DENSITY IN ROADWAYS, ROADWAY SHOULDERS, ROADWAY PRISM AND DRIVEWAYS, AND 85 PERCENT DENSITY IN UNPAVED AREAS. ALL PIPE ZONE COMPACTION SHALL BE 95 PERCENT.
- 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, CONFINED SPACE PROTECTION, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACT. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE A TRAFFIC CONTROL PLAN APPROVED BY THE CITY OF KIRKLAND. ALL SECTIONS OF THE WSDOT STANDARD SPECIFICATIONS, TRAFFIC CONTROL, AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL APPLY.
- 17. NO FINAL CUT OR FILL SLOPE SHALL EXCEED SLOPES OF TWO (2) HORIZONTAL TO ONE (1) VERTICAL WITHOUT STABILIZATION BY ROCKERY OR BY A STRUCTURAL RETAINING WALL.
- 18. ALL MANHOLE LADDERS SHALL BE FIRMLY ATTACHED AND EXTEND TO WITHIN 1' OF THE BOTTOM OF THE STRUCTURE.
- 19. SEE GENERAL NOTE 3.
- 20. SEE GENERAL NOTE 3.
- 21. SEE GENERAL NOTE 5.
- 22. ALL INLET, MANHOLE, AND CATCH BASIN FRAMES AND GRATES SHALL NOT BE ADJUSTED TO GRADE UNTIL IMMEDIATELY PRIOR TO FINAL PAVING. ALL CATCH BASIN GRATES SHALL BE SET 0.10' BELOW PAVEMENT LEVEL.
- 23. SEE GENERAL NOTE 6.
- 24. SEE GENERAL NOTE 4.
- 25. GROUT ALL SEAMS AND OPENINGS IN ALL INLETS, CATCH BASINS, AND MANHOLES. JETSET GROUT IS NOT ALLOWED.
- 26. NOT USED.
- 27. NOT USED.
- 28. RECYCLED CONCRETE SHALL NOT BE USED AROUND STORMWATER FACILITIES.
- 29. ALL FASTENERS (BOLTS, NUTS, WASHERS, ETC.) ON MANHOLE AND CATCH BASIN LIDS TO BE STANDARD SIZE. NO METRIC FASTENERS ALLOWED.
- 30. A SPECIAL INSPECTION USING CCTV IS REQUIRED FOR PROJECTS THAT CREATE MORE THAN 100 FEET TOTAL OF NEW STORM PIPES (OR AT PW INSPECTOR'S DISCRETION) THAT ARE PUBLICLY OWNED AND MAINTAINED BEFORE INSPECTOR SIGN OFF.

ROADWAY - PLAN NOTES

- 1. SEE GENERAL NOTE 1.
- 2. ALL ROADWAY WORK AND MATERIAL SHALL BE IN ACCORDANCE WITH THE CURRENT APWA AND CITY OF KIRKLAND STANDARDS AND SPECIFICATIONS.
- 3. ALL PUBLIC ROADWAYS SHALL BE CONSTRUCTED OF 2" CLASS "B" AC PAVING ON 4" ASPHALT-TREATED BASE (ATB), UNLESS OTHERWISE APPROVED BY THE PUBLIC WORKS DEPARTMENT.
- 4. SEE GENERAL NOTE 4.
- 5. DENSITY TEST REPORTS WILL BE REQUIRED FOR ALL PUBLIC ROADWAYS AND ALL PRIVATE ROADWAYS WITHIN PLATS. ALL TRENCH BACKFILL SHALL BE COMPACTED TO 95 PERCENT DENSITY IN ROADWAYS, ROADWAY SHOULDERS, ROADWAY PRISM AND DRIVEWAYS, AND 85 PERCENT DENSITY IN UNPAVED AREAS. ALL PIPE ZONE COMPACTION SHALL BE 95 PERCENT.
- 6. ALL COMMERCIAL AND RESIDENTIAL DRIVEWAYS MUST CONFORM TO THE CITY OF KIRKLAND DEPARTMENT OF PUBLIC WORKS DRIVEWAY POLICY.
- 7. ALL CONCRETE FOR SIDEWALKS AND CURB AND GUTTER MUST BE 4,000 PSI MINIMUM. (5-3/4 SACK MIX.)
- 8. IN THE CASE OF NEW ROAD CONSTRUCTION OR RECONSTRUCTION REQUIRING MAILBOXES TO BE MOVED OR REARRANGED, THE DEVELOPER/CONTRACTOR SHALL COORDINATE WITH THE U.S. POSTAL SERVICE FOR THE NEW LOCATION OF THE MAILBOX STRUCTURE.
- 9. ANY ROADWAY SIGNAGE OR STRIPING REMOVED OR TEMPORARILY MOVED BY THE CONTRACTOR SHALL BE RESTORED TO MEET THE CURRENT CITY OF KIRKLAND STANDARDS.
- 10. SEE GENERAL NOTE 7.
- 11. WHERE A SIDEWALK IS TO BE CONSTRUCTED ABOVE A SLOPE OR ADJACENT TO A ROCKERY OR RETAINING WALL WHERE THE LOWEST FINISHED ELEVATION OF THE SLOPE, ROCKERY, OR RETAINING WALL IS TO BE THIRTY INCHES (30") OR MORE BELOW THE FINISHED ELEVATION OF THE SIDEWALK, A SAFETY RAILING SHALL BE REQUIRED WHEN: (A) THE PLANE OF THE WALL FACE IS LESS THAN 4' IN HORIZONTAL DISTANCE FROM THE OUTSIDE EDGE OF THE SIDEWALK; (B) THE SLOPES ADJACENT TO THE SIDEWALK AVERAGE GREATER THAN TWO TO ONE.
- 12. THE MAXIMUM GRADE FOR PRIVATE ROADWAYS SHALL BE TWENTY PERCENT (20%), OR FIFTEEN PERCENT (15%) IF USED FOR FIRE ACCESS. FOR PUBLIC ROADWAYS, THE MAXIMUM GRADE SHALL BE FIFTEEN PERCENT (15%).
- 13. DEAD-END STREETS SHALL BE APPROPRIATELY SIGNED AND BARRICADED. SEE MOST CURRENT EDITION OF THE MUTCD.
- 14. SIDEWALK AND CURB AND GUTTER CANNOT BE POURED MONOLITHICALLY. THERE MUST BE A COLD JOINT OR FULL-DEPTH EXPANSION JOINT BETWEEN THEM.
- 15. MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO PROVIDE GROUND COVER IN AREAS WITHIN THE RIGHT-OF-WAY WHICH HAVE BEEN STRIPPED OF NATURAL VEGETATION OR HAVE A POTENTIAL FOR EROSION.
- 16. NOT USED.
- 17. WHEN AN EXISTING ROADWAY IS TO RECEIVE A HALF-STREET OVERLAY, THE EXISTING ROADWAY MUST BE COLD PLANED AT THE EDGE OF THE GUTTER AND CENTERLINE. WHEN THE EXISTING ROADWAY IS TO RECEIVE A FULL-STREET OVERLAY, IT MUST BE COLD PLANED AT THE EDGE OF BOTH GUTTERS. SEE CITY OF KIRKLAND STANDARD DETAIL NO. R.13.
- 18. NOT USED.
- 19. WHEN INSTALLING NEW SIDEWALK, THE AREA BEHIND THE SIDEWALK MUST BE GRADED SO THAT THE YARD DRAINAGE DOES NOT DRAIN OVER THE SIDEWALK.
- 20. ANY EXISTING PUBLIC IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED PRIOR TO FINAL INSPECTION.
- 21. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL PUBLIC STREETS FREE FROM MUD AND DEBRIS AT ALL TIMES. THE CONTRACTOR SHALL BE PREPARED TO USE POWER SWEEPERS OR OTHER PIECES OF EQUIPMENT NECESSARY TO KEEP THE ROADWAYS CLEAN.
- 22. BACKFILL IN ALL STREET CUTS ON ARTERIALS WILL BE CONTROL DENSITY FILL (CDF). CONTRACTOR MUST PROVIDE STEEL PLATING NECESSARY TO ALLOW THE CDF TO CURE.
- 23. NOT USED.
- 24. WHEN AN EXISTING ROADWAY IS TO BE WIDENED, THE EXISTING PAVEMENT MUST BE SAW CUT AT LEASE ONE FOOT FROM THE EDGE TO PROVIDE A PROPER MATCH BETWEEN NEW AND EXISTING ASPHALT. HOWEVER, WHEN THE EXISTING PAVEMENT CONTAINS ALLIGATORRED AREAS, THOSE AREAS MUST BE REMOVED PRIOR TO WIDENING. ALL SAW CUTS SHALL BE PARALLEL OR PERPENDICULAR TO THE RIGHT-OF-WAY CENTERLINE.
- 25. NOT USED.

DATE	NO.	REVISION			BY



Know what's below.  
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S. ASHE	3-2025
DESIGNED BY:	DATE
R. TEMPLADO	3-2025
DRAWN BY:	DATE
D. MURATA	3-2025
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**124TH AVENUE NE  
PEDESTRIAN IMPROVEMENTS PROJECT**

**GENERAL NOTES**

SHEET  
**3**  
OF  
**18**  
SHEETS



SURVEY CONTROL:

HORIZONTAL DATUM: WASHINGTON STATE PLANE COORDINATE SYSTEM – NORTH ZONE, NAD 1983/2011  
SOURCE OF DATA: WASHINGTON STATE REFERENCE GPS NETWORK  
BASIS OF COORDINATES: CONTROL POINT NUMBER 103 (SHOWN HEREON)  
ALL GPS POINTS HAVE BEEN SCALED FROM GRID TO GROUND FROM THIS BASE POINT USING A COMBINED GRID FACTOR OF 0.99995224.

VERTICAL DATUM: NAVD88  
SITE BENCHMARK: CITY OF KIRKLAND BENCHMARK NUMBER 173 (SHOWN HEREON AS CP-104) WITH AN ELEVATION OF 318.17.

SURVEY NOTES:

THIS SURVEY WAS PERFORMED DURING THE MONTHS OF SEPTEMBER AND OCTOBER, 2024. ALL MONUMENTS SHOWN HEREON AS FOUND MONUMENTS WERE LOCATED DURING THE COURSE OF THAT SURVEY.

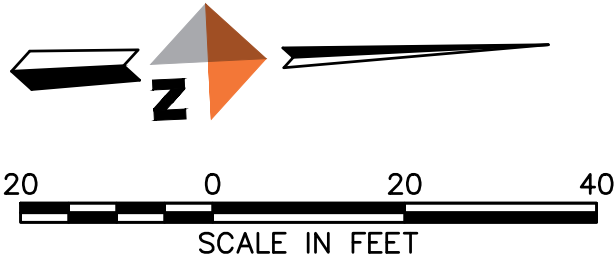
INSTRUMENTATION FOR THIS SURVEY WAS A TRIMBLE 2 SECOND ROBOTIC TOTAL STATION WITH ELECTRONIC MEASURING UNIT, AS WELL AS A TRIMBLE R10 GPS UNIT.

PROCEDURES USED IN THIS SURVEY WERE FIELD TRAVERSE MEETING OR EXCEEDING STANDARDS SET BY WAC 332-130-090.

THE UNDERGROUND UTILITIES SHOWN HEREON REPRESENT A COMBINATION OF RECORD INFORMATION AND FIELD LOCATES OF UNDERGROUND UTILITIES LOCATED BY A UTILITY LOCATING COMPANY. THE SURFACE VISIBLE UTILITIES WERE LOCATED IN THE FIELD, BUT ALL UNDERGROUND LINES ARE APPROXIMATIONS AT BEST. THERE MAY ALSO EXIST ADDITIONAL LINES THAT DID NOT APPEAR IN THE RECORDS OR WERE NOT DETECTED BY THE UTILITY LOCATING COMPANIES.

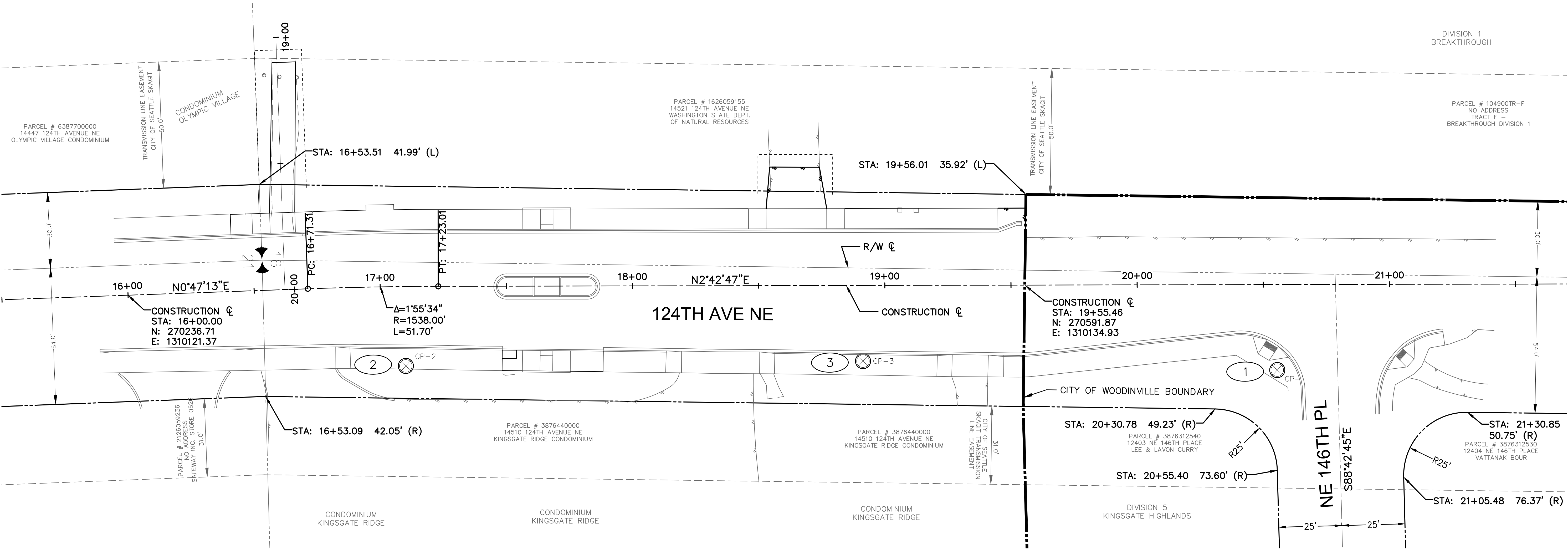
CONTROL POINT TABLE

NO	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #1	20+55.46	33.87' RT	270690.15	1310173.50	321.51	MAG NAIL W/ WASHER
CP #2	17+09.81	31.45' RT	270345.28	1310154.79	325.04	MAG NAIL W/ WASHER
CP #3	18+91.28	29.99' RT	270526.34	1310161.85	322.86	MAG NAIL W/ WASHER



LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY
- RIGHT-OF-WAY CENTERLINE
- CONSTRUCTION CENTERLINE
- TEMPORARY CONSTRUCTION EASEMENT (TCE)
- SECTION CORNER
- 1/4 SECTION CORNER
- STREET CL MONUMENT
- PROPERTY CORNER FOUND (AS NOTED)
- SURVEY CONTROL POINT
- CONTROL POINT #



July 24, 2025 - 3:16 PM - RTEMPLADO - J:\7215283-01\66CAD\CIVIL\SC-CT-CL-15283-01.DWG - Layout Name: 4 SURVEY CONTROL PLAN

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S. ASHE	3-2025
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124TH AVENUE NE  
PEDESTRIAN IMPROVEMENTS PROJECT

SURVEY CONTROL PLAN

SHEET
4
OF
18
SHEETS



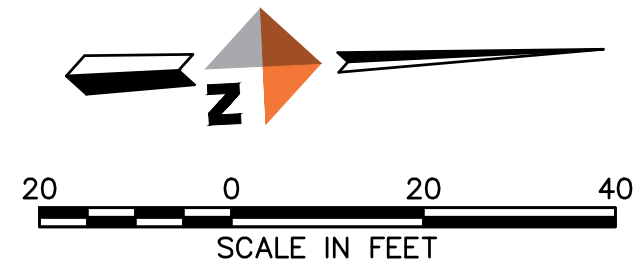
July 24, 2025 - 3:16 PM - RTEMPLADO - J:\7215283-01\66CAD\CIVIL\SC-CT-EC-15283-01.DWG - Layout Name: 5 SITE PREPARATION-TESC PLAN

GENERAL NOTES

1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE.
2. CONTRACTOR SHALL VERIFY ACTUAL LOCATIONS OF EXISTING UTILITIES.

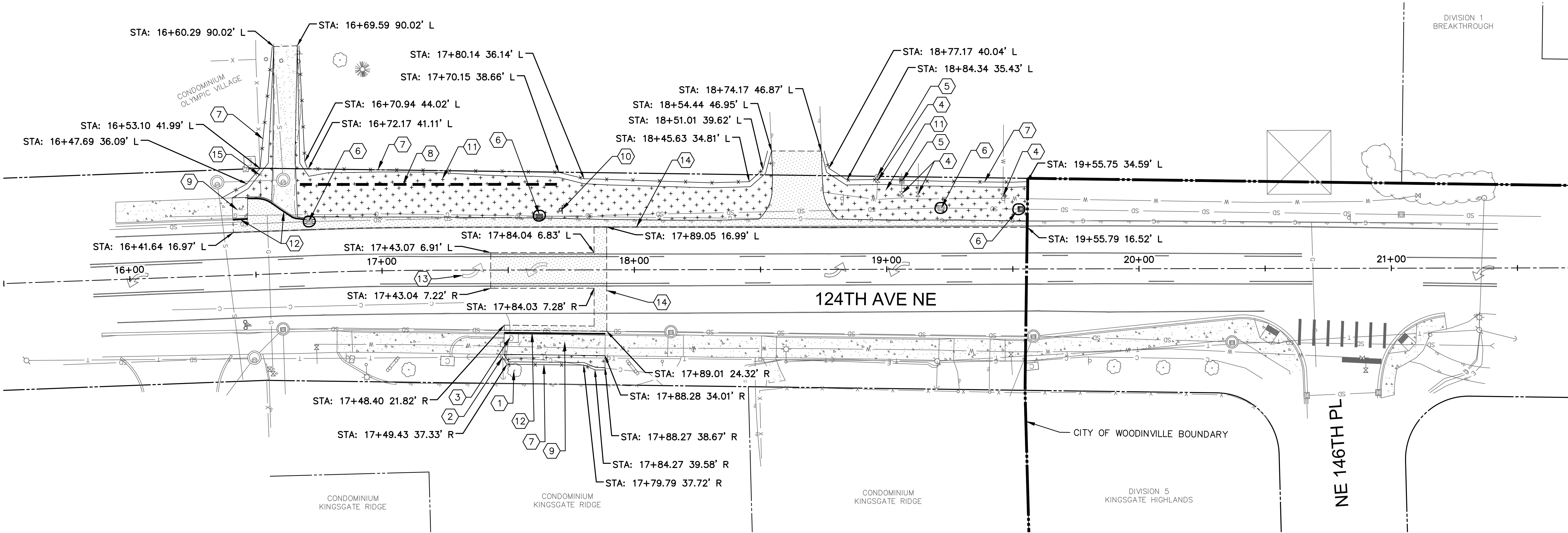
# SITE PREPARATION/  
EROSION CONTROL NOTES

1. PROTECT EXISTING TREE.
2. PROTECT EXISTING POLE.
3. PROTECT EXISTING VAULT.
4. PROTECT EXISTING VALVE.
5. PROTECT EXISTING WATER METER.
6. INSTALL STORM DRAIN PROTECTION INSERT PER CITY OF KIRKLAND PLAN NO. CK-E.11
7. INSTALL SILT FENCE PER CITY OF KIRKLAND PLAN NO. CK-E.03
8. INSTALL STRAW WATTLES PER CITY OF KIRKLAND PLAN NO. CK-E.10
9. REMOVE CEMENT CONC SIDEWALK.
10. REMOVE SIGN.
11. REMOVE VEGETATION (CLEARING AND GRUBBING).
12. REMOVE CEMENT CONC CURB & GUTTER.
13. REMOVE PLASTIC TRAFFIC MARKING.
14. SAWCUT AND REMOVE ASPHALT CONC PAVEMENT.
15. REMOVE CHAIN LINK FENCE.



LEGEND

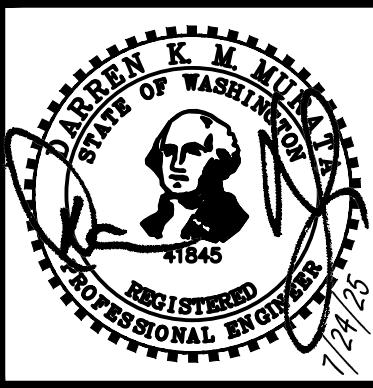
- STORM DRAIN PROTECTION INSERT
- SILT FENCE
- RIGHT-OF-WAY
- SAWCUT
- REMOVE CEMENT CONC CURB & GUTTER
- STRAW WATTLE
- REMOVE ASPHALT CONC PAVEMENT
- REMOVE CEMENT CONC SIDEWALK
- CLEARING AND GRUBBING



DATE	NO.	REVISION	BY



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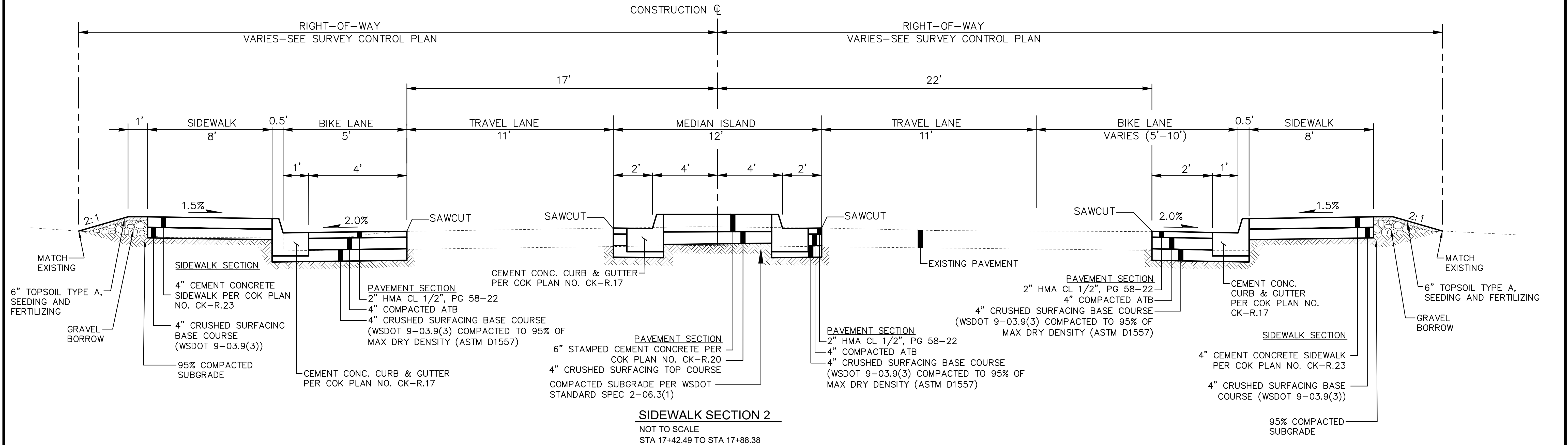
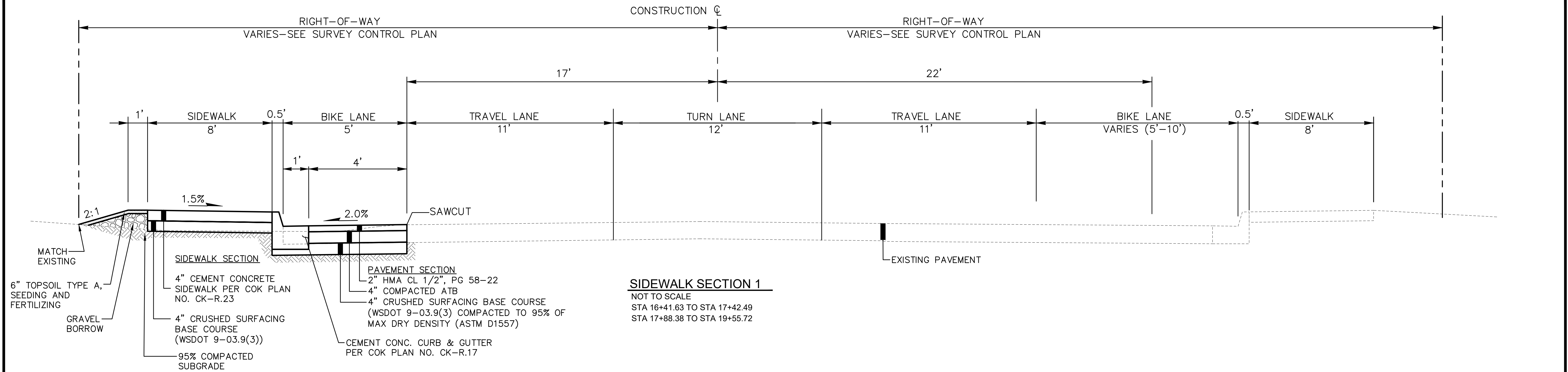
124TH AVENUE NE  
PEDESTRIAN IMPROVEMENTS PROJECT

SITE PREPARATION-TESC PLAN

SHEET  
5  
OF  
18  
SHEETS



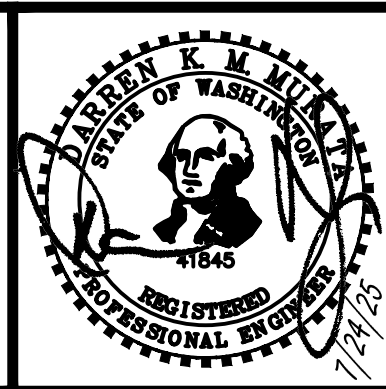
July 24, 2025 - 3:16 PM - R:TEMPLADO - J:\7215283-01\66CADCIVIL\ISA-CT-TS-15283-01.DWG - Layout Name: 6 TYPICAL SECTIONS



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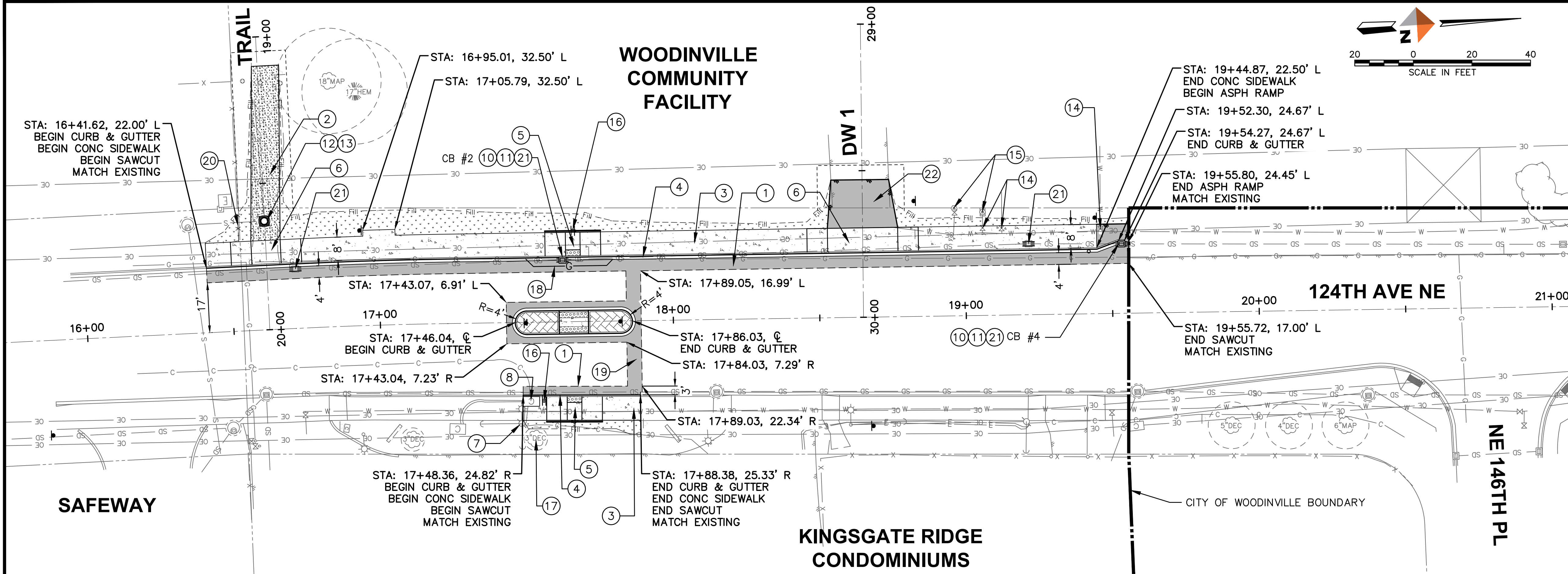
124TH AVENUE NE  
PEDESTRIAN IMPROVEMENTS PROJECT

TYPICAL SECTIONS

SHEET  
6  
OF  
18  
SHEETS

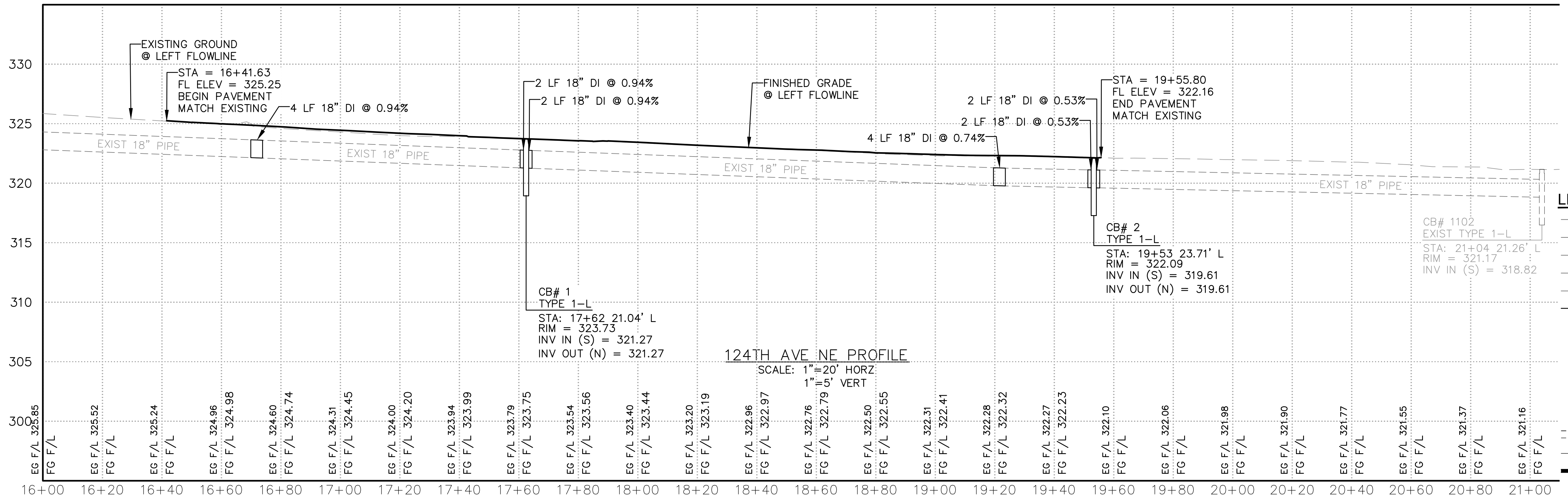


July 24, 2025 - 3:16 PM - RTEMPLADO - J:\7215283-01\66CADCIVIL\SC-CT-PV-15283-01.DWG - Layout Name: 7 SIDEWALK AND DRAINAGE PLAN & PROFILE



#### # CONSTRUCTION NOTES

1. CONSTRUCT ASPHALT ROADWAY PER TYPICAL SECTION SHEET 6.
2. CONSTRUCT GRAVEL TRAIL. SEE SHEET 10.
3. CONSTRUCT CEMENT CONC. SIDEWALK PER COK PLAN NO. CK-R.23.
4. CONSTRUCT CEMENT CONC. CURB & GUTTER PER COK PLAN NO. CK-R.17.
5. CONSTRUCT CEMENT CONC. CURB RAMP PER PLAN SHEET 16.
6. CONSTRUCT CEMENT CONCRETE DRIVEWAY ENTRANCE TYPE 1 PER WSDOT STD PLAN F-80.10-04. CURB TYPE AS SHOWN ON SHEET 10 OR SHEET 11.
7. PROTECT EXISTING UTILITY POLE. REPLACE EXISTING LUMINAIRE BY OTHERS (PSE).
8. PROTECT EXISTING VAULT.
9. ADJUST CATCH BASIN TO GRADE.
10. INSTALL STORM DRAIN CATCH BASIN TYPE 1-L PER COK PLAN NO. CK-D.08.
11. INSTALL VANED GRATE PER COK PLAN NO. CK-D.14.
12. ADJUST MANHOLE TO GRADE.
13. INSTALL MODIFIED 24" MANHOLE FRAME W/ HINGED COVER PER COK PLAN NO. CK-D.18A.
14. ADJUST VALVE BOX TO GRADE.
15. PROTECT EXISTING WATER METER.
16. INSTALL RRFB ASSEMBLY PER PLAN SHEET 12.
17. PROTECT EXISTING TREE.
18. RELOCATE GAS MAIN BY OTHERS (PSE). TO BE COMPLETED PRIOR TO CONSTRUCTION.
19. PAVEMENT PATCH PER COK PLAN NO. CK-R.12.
20. INSTALL 4' CHAIN LINK FENCE PER WSDOT STD PLAN L-20.10-03. TIE IN TO EXISTING FENCE.
21. CONNECT TO EXISTING PIPE.
22. CONSTRUCT ASPHALT DRIVEWAY. SEE SHEET 11.



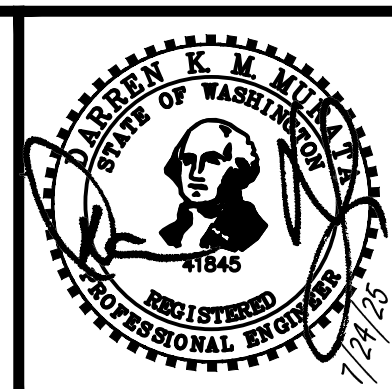
#### LEGEND

- W WATER LINE
- G GAS LINE
- E UNDERGROUND POWER
- C COMMUNICATION LINE
- SD STORM DRAIN
- EXISTING RIGHT-OF-WAY
- PROPOSED CEMENT CONCRETE SIDEWALK
- PROPOSED STAMPED CEMENT CONCRETE
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT PAVEMENT
- PROPOSED GRAVEL TRAIL
- TOPSOIL TYPE A, SEEDING AND FERTILIZING
- PROPOSED CUT/FILL
- PROPOSED FENCE
- PROPOSED STORM PIPE
- PROPOSED STORM STRUCTURES
- SAWCUT LINE
- TEMP. CONSTRUCTION EASEMENT (TCE)

DATE	NO.	REVISION	BY



S. ASHE	3-2025
DESIGNED BY:	DATE
R. TEMPLADO	3-2025
DRAWN BY:	DATE
D. MURATA	3-2025
CHECKED BY:	DATE



124TH AVENUE NE  
PEDESTRIAN IMPROVEMENTS PROJECT

SIDEWALK AND DRAINAGE  
PLAN & PROFILE

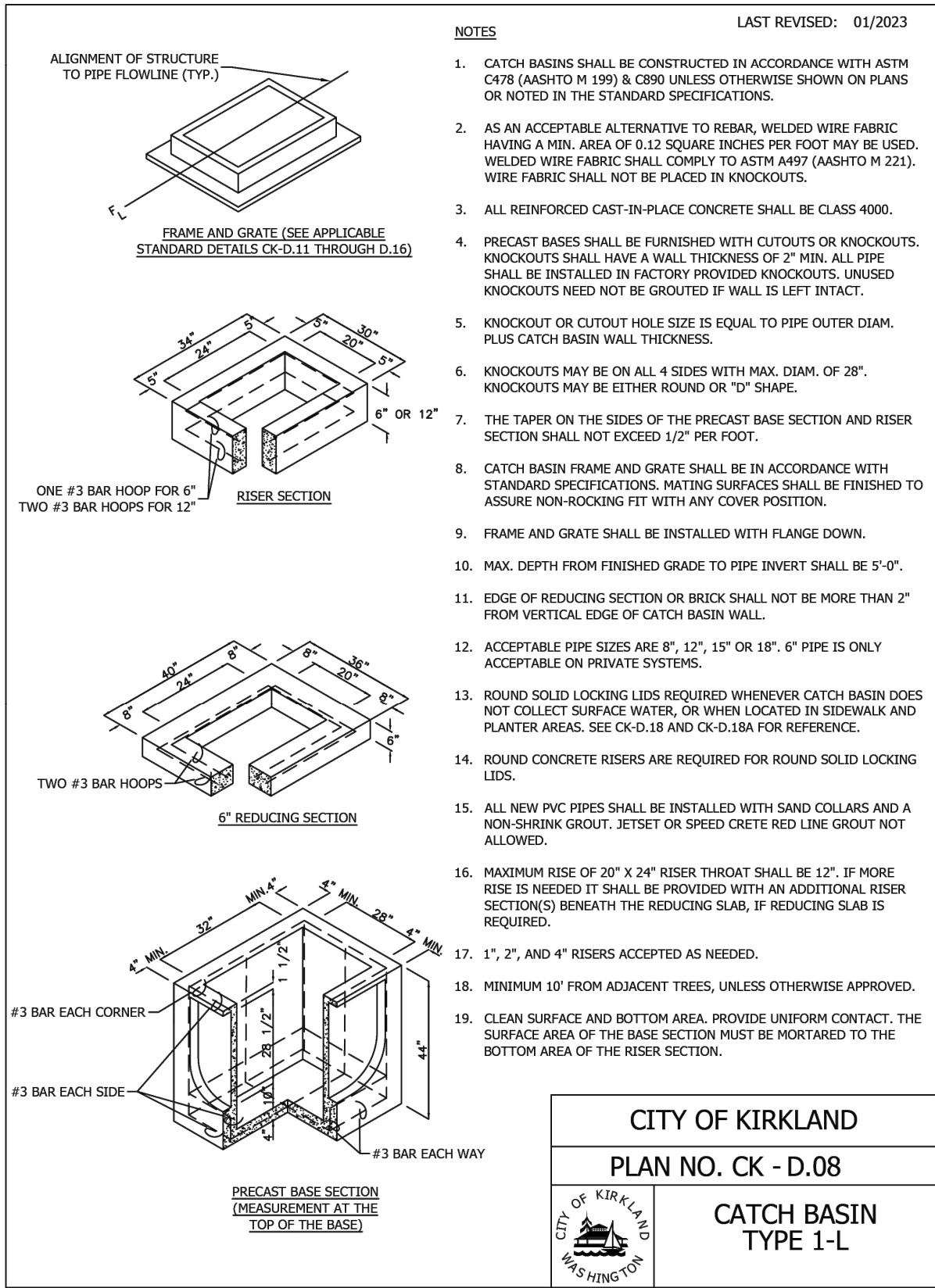
SHEET	7
OF	18
SHEETS	



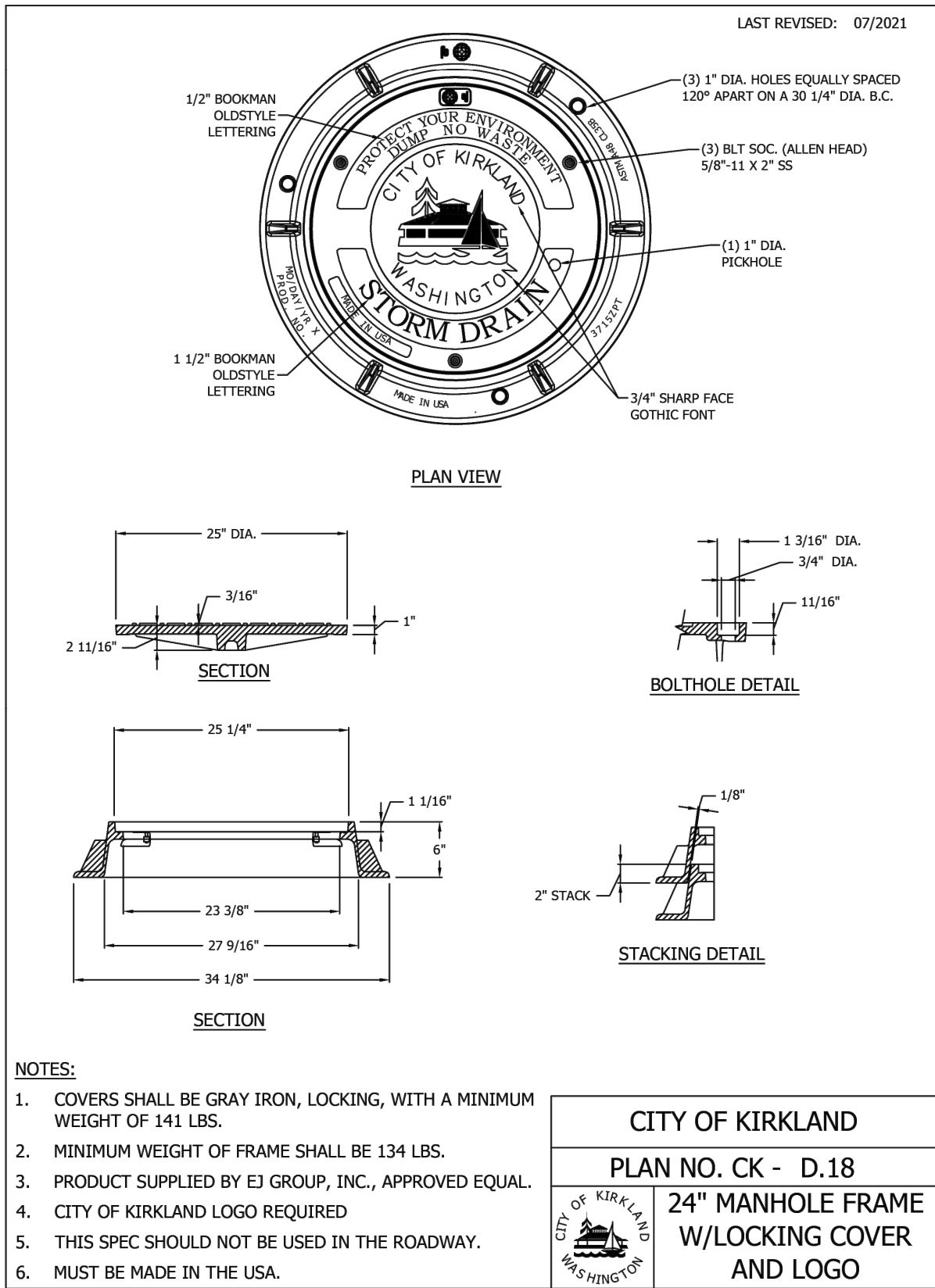




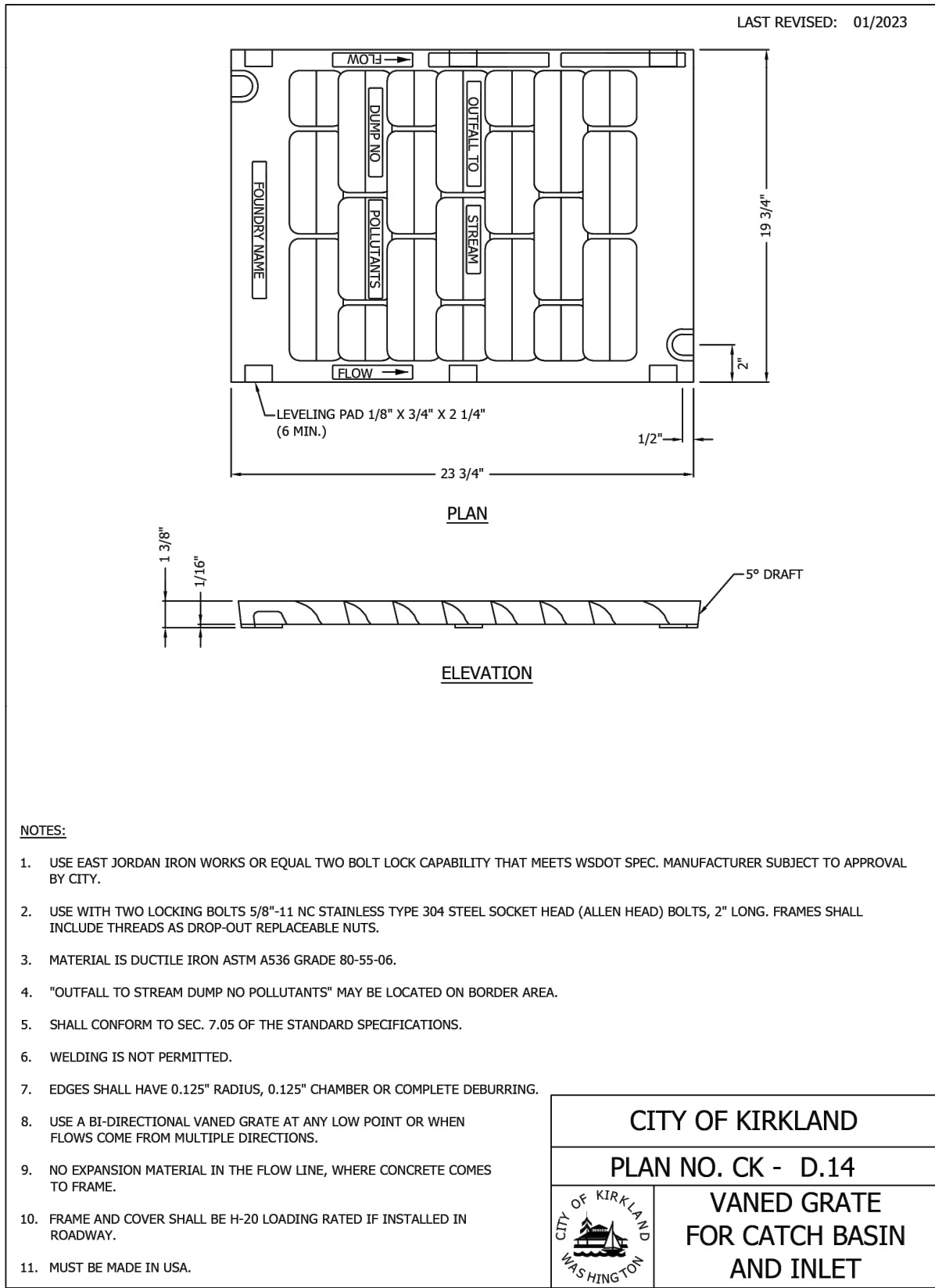
July 24, 2025 - 3:16 PM - RTEMPLADO - J:\7215283-01\66CAD\CIVIL\SA-CT-DT-15283-01.DWG - Layout Name: 9 DRAINAGE DETAILS



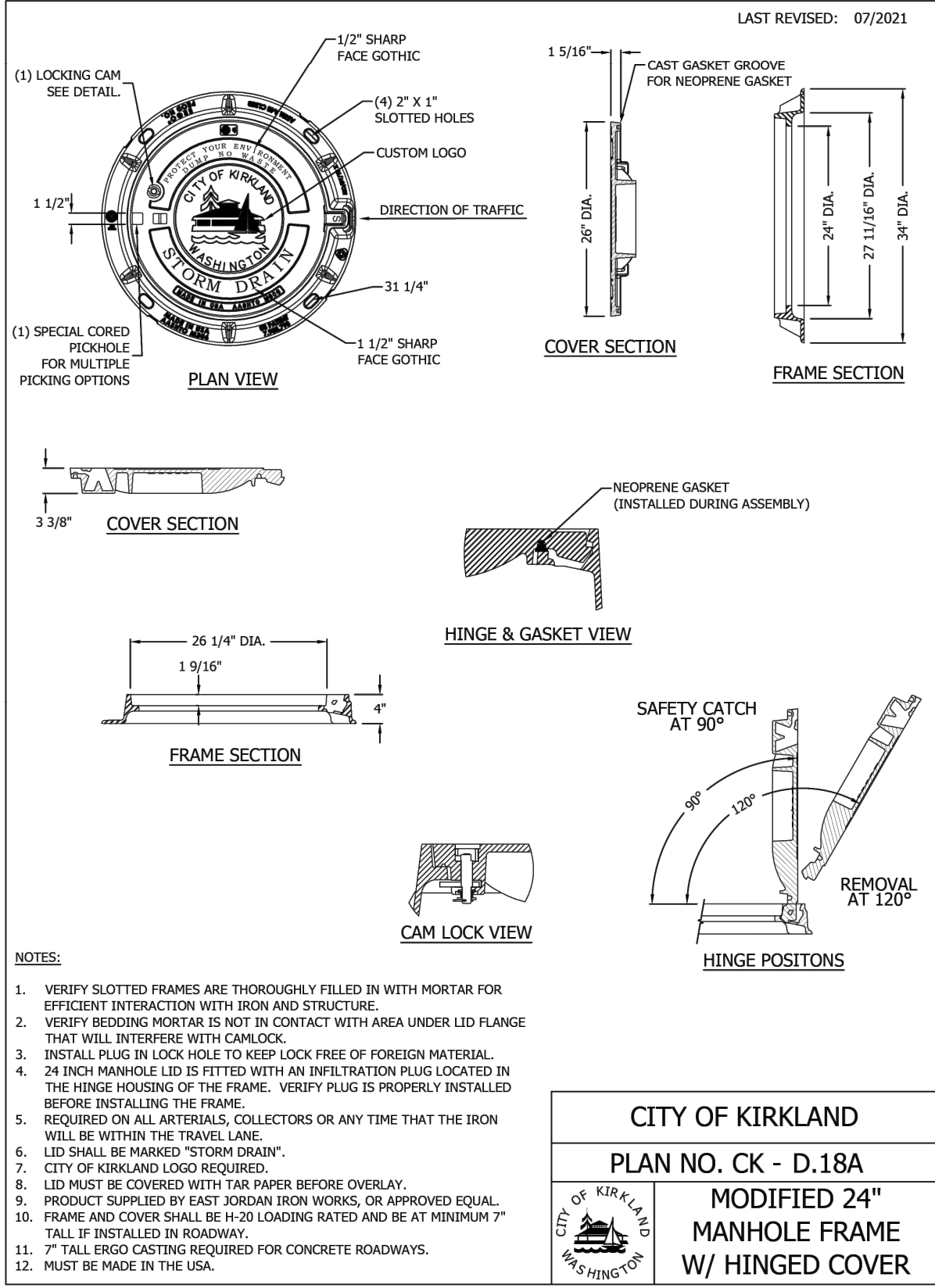
CATCH BASIN TYPE 1-L DETAIL  
NOT TO SCALE



24" MANHOLE FRAME W/ LOCKING COVER DETAIL  
NOT TO SCALE



VANED GRATE DETAIL  
NOT TO SCALE

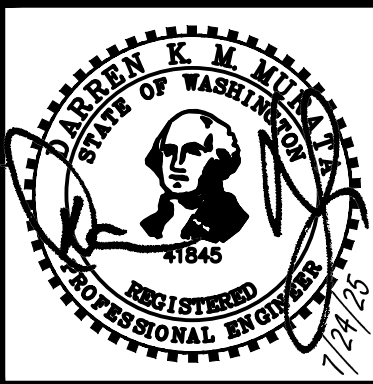


MODIFIED MANHOLE FRAME W/ HINGED COVER DETAIL  
NOT TO SCALE

DATE	NO.	REVISION			BY



S. ASHE	3-2025
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D. MURATA	3-2025
CHECKED BY:	DATE



[www.dowl.com](http://www.dowl.com)  
Eastgate Office Park Building 1  
15325 SE 30th Pl., Ste. 300  
Bellevue, Washington 98007  
425-869-2670

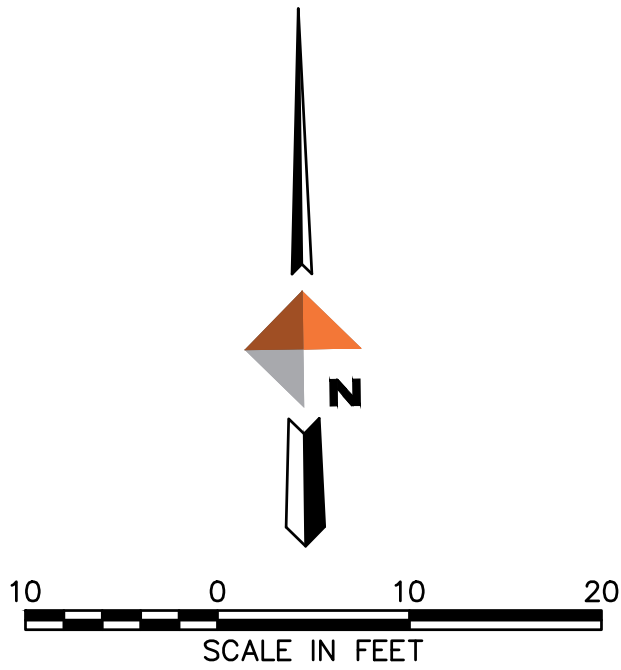
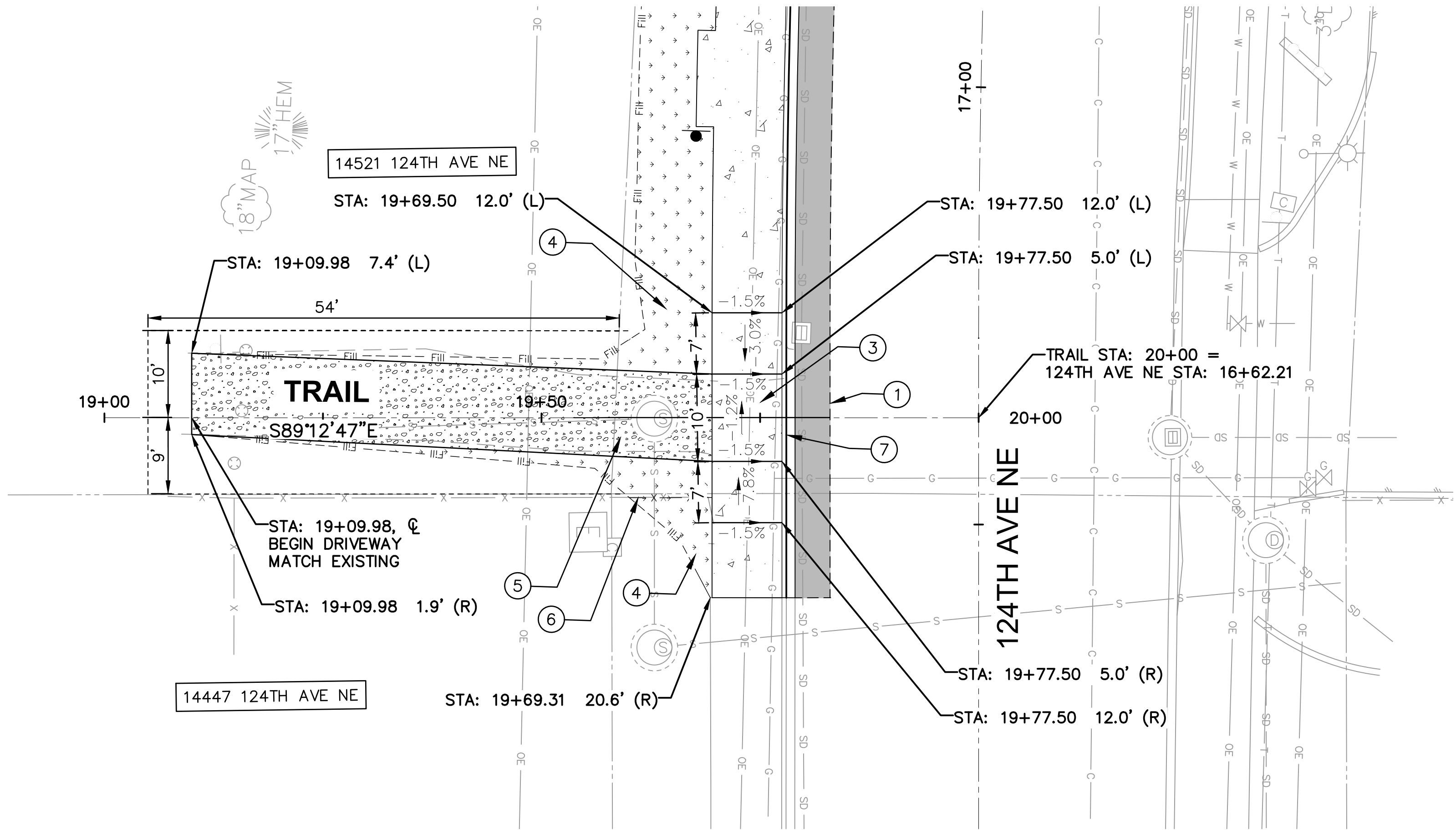
CITY OF KIRKLAND  
DEPARTMENT OF PUBLIC WORKS  
123 FIFTH AVENUE KIRKLAND, WA 98033  
(425) 587-3800 [www.kirklandwa.gov](http://www.kirklandwa.gov)

124TH AVENUE NE  
PEDESTRIAN IMPROVEMENTS PROJECT

DRAINAGE DETAILS

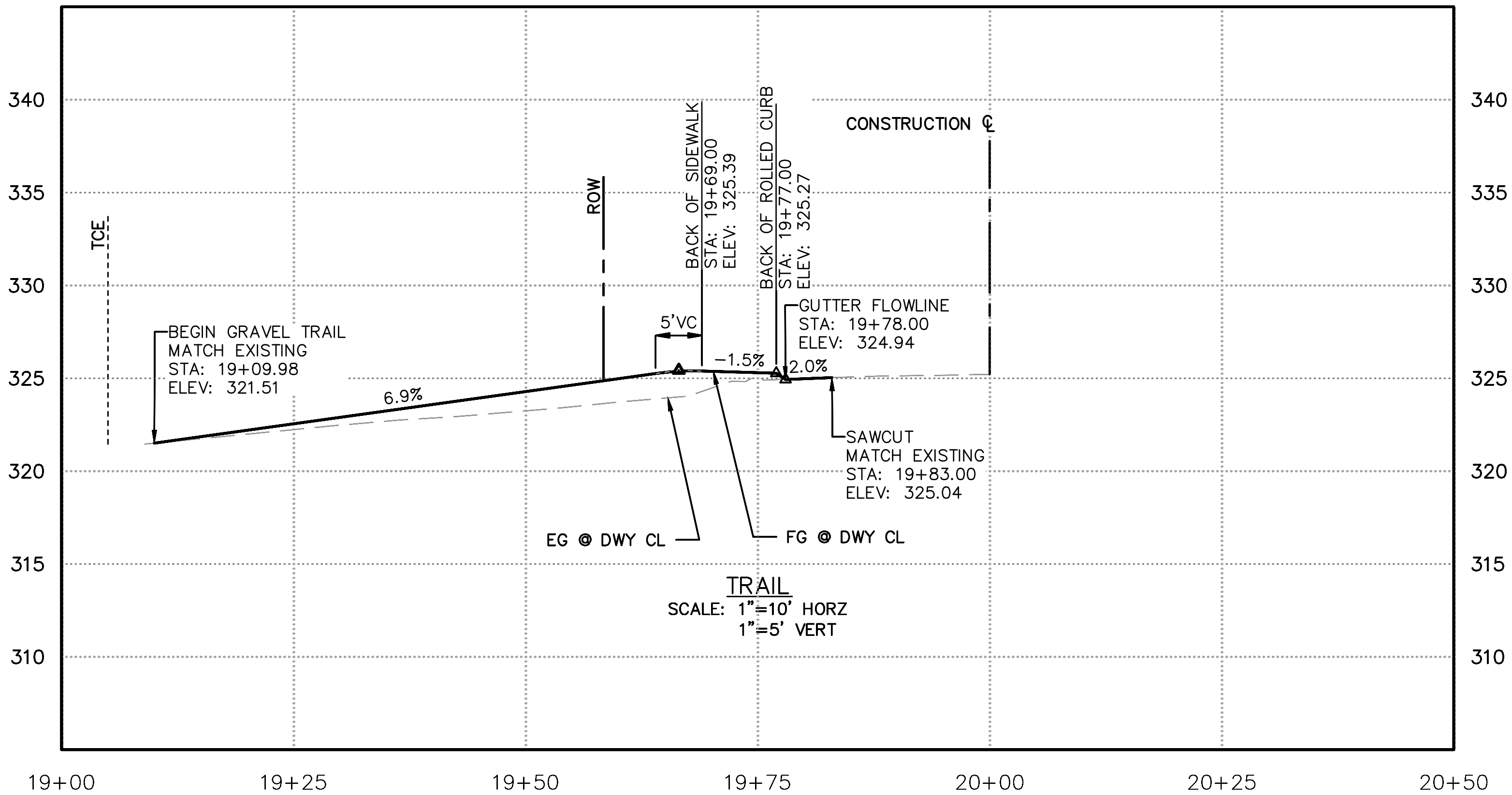


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# **ROADWAY CONSTRUCTION NOTES**

1. SAWCUT EXISTING PAVEMENT.
2. CONSTRUCT CEMENT CONC. CURB & GUTTER, TYPE A PER CITY OF KIRKLAND PLAN NO. CK-R.17.
3. CONSTRUCT CEMENT CONC. DRIVEWAY APPROACH TYPE 1 WSDOT STD PLAN F-80.10-04.
4. APPLY SEEDING AND FERTILIZING TO DISTURBED AREAS.
5. CONSTRUCT CRUSHED SURFACING TOP COURSE DRIVEWAY.
6. INSTALL 4' CHAIN LINK FENCE PER WSDOT STD PLAN L-20.10-03. TIE IN TO EXISTING FENCE.
7. CONSTRUCT ROLLED CURB PER CITY OF KIRKLAND PLAN NO. CK-R.17D. TRANSITION FROM 4" ROLLED CURB TO 6" CEMENT CONC. CURB AND GUTTER ON EACH SIDE OF DRIVEWAY APPROACH.

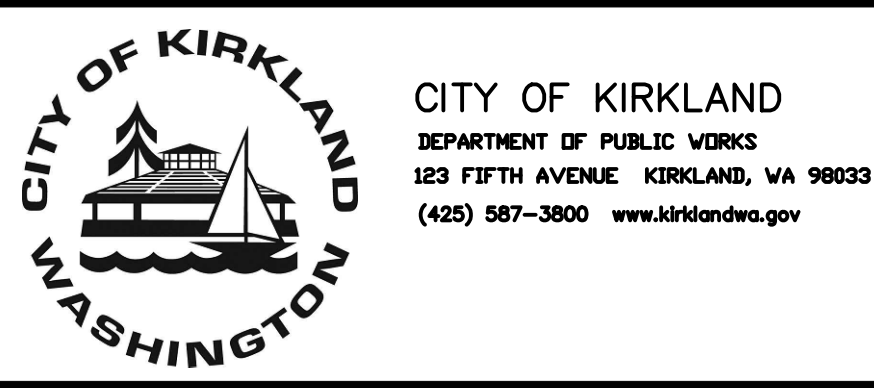
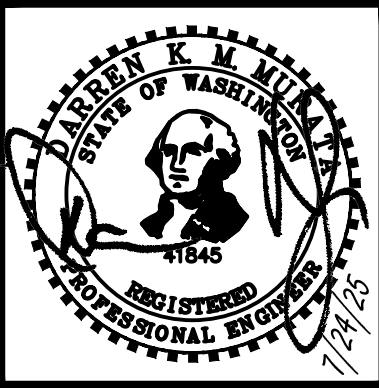


**LEGEND**

- W WATER LINE
- G GAS LINE
- E UNDERGROUND POWER
- C COMMUNICATION LINE
- SD STORM DRAIN
- EXISTING RIGHT-OF-WAY
- PROPOSED CEMENT CONC SIDEWALK
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT PAVEMENT
- PROPOSED GRAVEL TRAIL
- TOPSOIL TYPE A, SEEDING AND FERTILIZING
- PROPOSED CUT/FILL
- PROPOSED FENCE
- PROPOSED STORM PIPE
- PROPOSED STORM STRUCTURES
- SAWCUT LINE
- TEMPORARY CONSTRUCTION EASEMENT (TCE)

DATE	NO.	REVISION		BY	

 Know what's below. Call 811 before you dig.	S. ASHE	3-2025
	DESIGNED BY:	DATE
	R. TEMPLADO	3-2025
	DRAWN BY:	DATE
	D. MURATA	3-2025
	CHECKED BY:	DATE



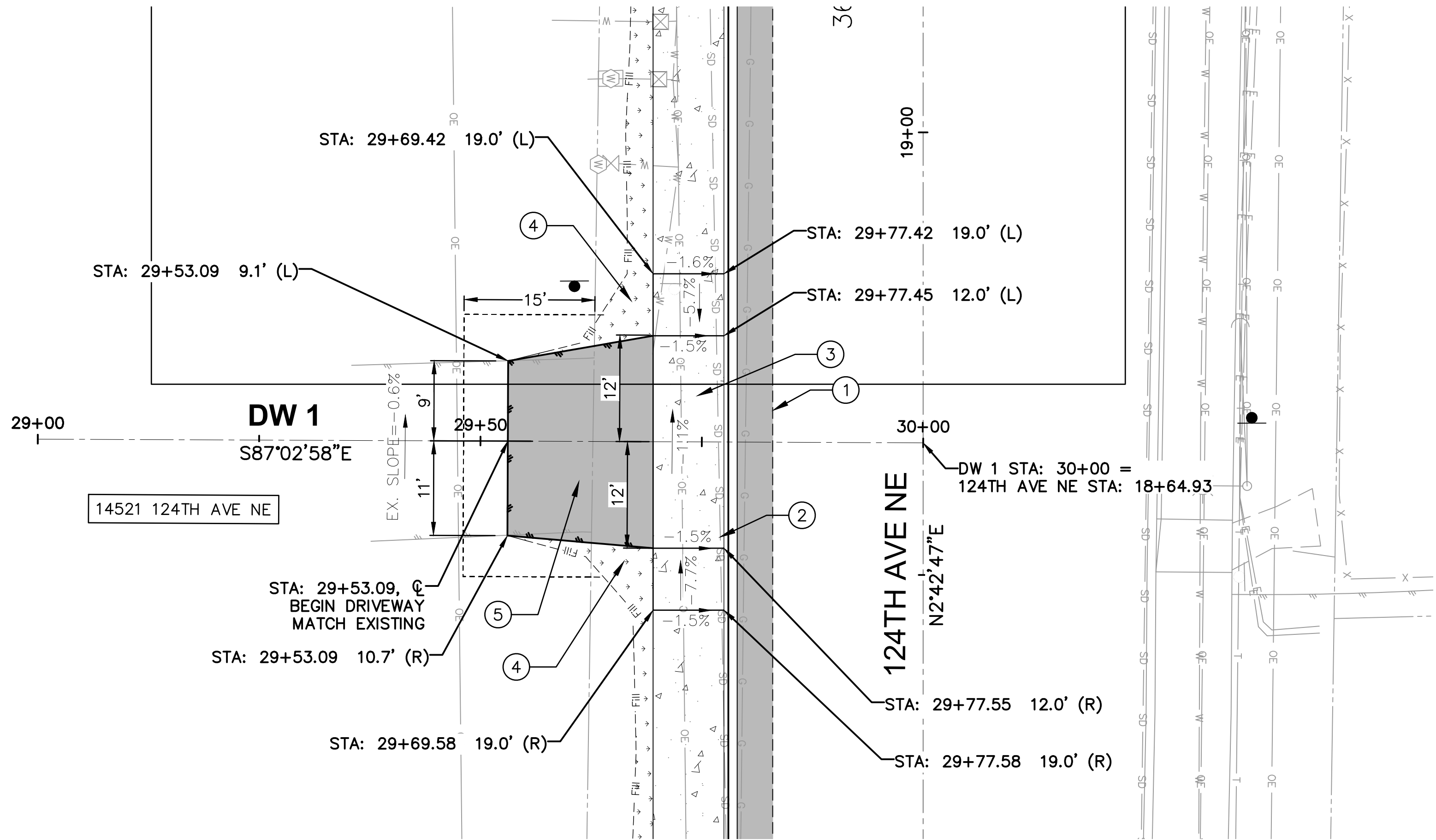
**124TH AVENUE NE  
PEDESTRIAN IMPROVEMENTS PROJECT**

**TRAIL ACCESS PLAN & PROFILE**

SHEET  
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OF  
18  
SHEETS



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### # ROADWAY CONSTRUCTION NOTES

1. SAWCUT EXISTING PAVEMENT.
2. CONSTRUCT CEMENT CONC. CURB & GUTTER, TYPE A PER CITY OF KIRKLAND PLAN NO. CK-R.17.
3. CONSTRUCT CEMENT CONC. DRIVEWAY APPROACH TYPE 1 WSDOT STD PLAN F-80.10-04.
4. APPLY SEEDING AND FERTILIZING TO DISTURBED AREAS.
5. CONSTRUCT ASPHALT DRIVEWAY SECTION
  - 3" HMA CL 1/2", PG 58-22
  - 4" CRUSHED SURFACING BASE COURSE

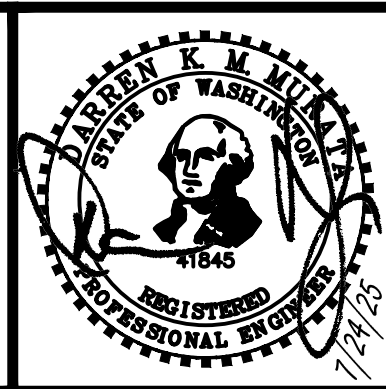
### LEGEND

- W WATER LINE
- G GAS LINE
- E UNDERGROUND POWER
- C COMMUNICATION LINE
- SD STORM DRAIN
- EXISTING RIGHT-OF-WAY
- PROPOSED CEMENT CONC SIDEWALK
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT PAVEMENT
- PROPOSED GRAVEL TRAIL
- TOPSOIL TYPE A, SEEDING AND FERTILIZING
- PROPOSED CUT/FILL
- PROPOSED FENCE
- PROPOSED STORM PIPE
- PROPOSED STORM STRUCTURES
- SAWCUT LINE
- TEMPORARY CONSTRUCTION EASEMENT (TCE)

DATE	NO.	REVISION	BY		



S. ASHE	3-2025
DESIGNED BY:	DATE
R. TEMPLADO	3-2025
DRAWN BY:	DATE
D. MURATA	3-2025
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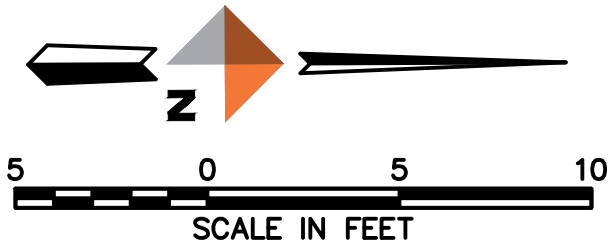
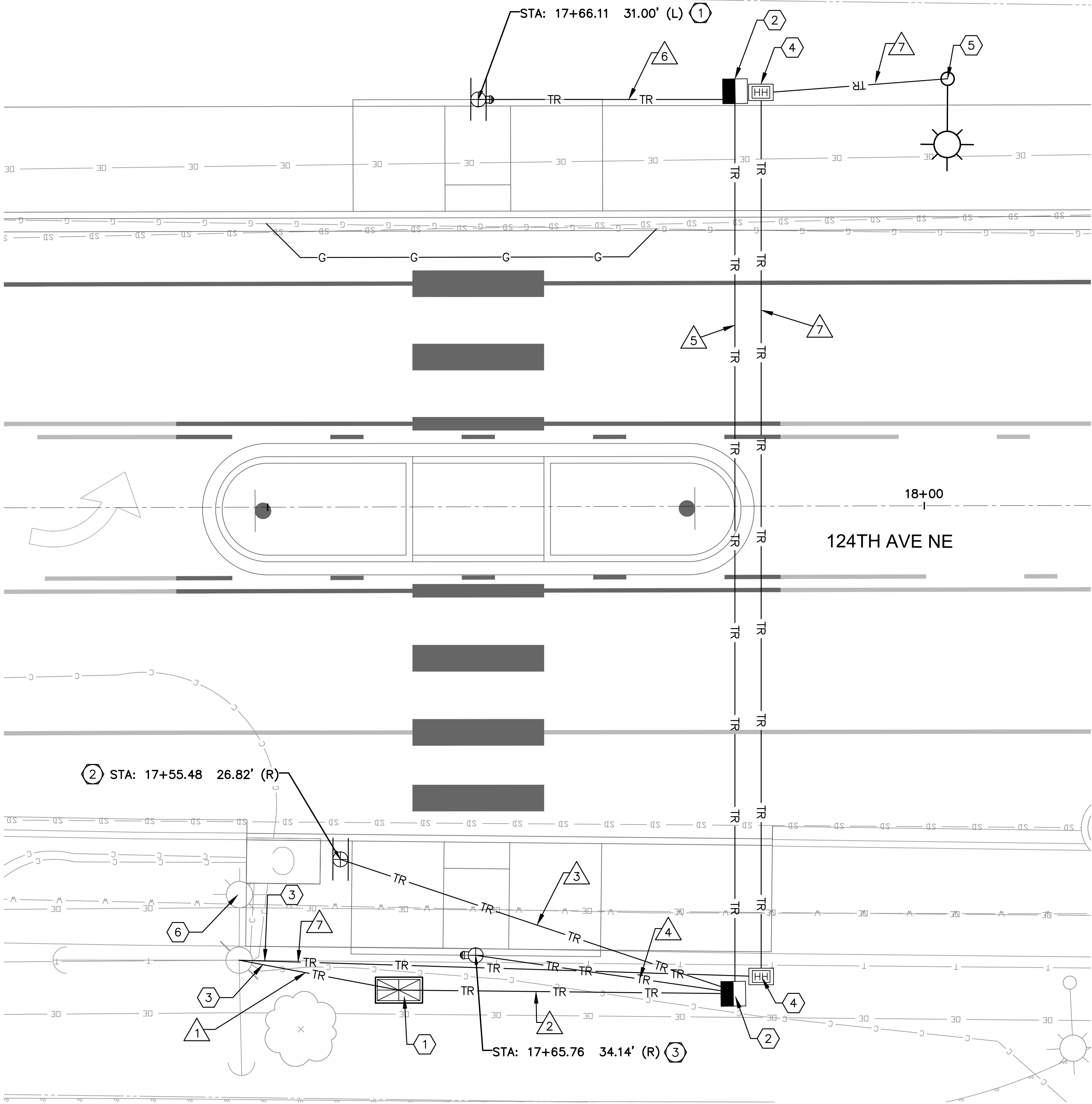


124TH AVENUE NE PEDESTRIAN IMPROVEMENTS PROJECT
DRIVEWAY PLAN & PROFILE

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11
OF
18
SHEETS



July 24, 2025 - 3:19 PM - RTEMPLADO - J:\7215283-01\65CAD\CIVIL\SC-CT-SI-15283-01.DWG - Layout Name: 12 RRFB PLAN



WIRING SCHEDULE			
#	CONDUIT	CONDUCTORS	COMMENTS
1	2" SCH 40	3-#2	SERVICE
		1-#8	GROUND
2	2" SCH 40	2-#8	CONTROLLER POWER
		1-#8	GROUND
		PULL CORD	PULL CORD
3	2" SCH 40	PULL CORD	PULL CORD
		2-#8	CONTROLLER POWER
		1-#8	GROUND
		1-4C20	RRFB
4	2" SCH 40	2-8C18	PPB
		PULL CORD	PULL CORD
		1-8C18	PPB
5	2" SCH 40	1-#8	GROUND
		PULL CORD	PULL CORD
		1-4C20	RRFB
6	2" SCH 40	1-8C18	PPB
		1-#8	GROUND
		PULL CORD	PULL CORD
7	2" SCH 80	3-#10	LIGHTING (PSE)

## GENERAL NOTES

- ALL DISCONNECTIONS: TEMPORARY OR FINAL SERVICE CONNECTIONS WILL BE MADE BY PUGET SOUND ENERGY (PSE) AT PROJECT'S EXPENSE. COORDINATE ALL ENERGIZING AND DE-ENERGIZING OR SERVICE WITH PSE ELECTRICAL SERVICE REPRESENTATIVE AND ENGINEER FIFTEEN (15) WORKING DAYS IN ADVANCE. ADDITIONAL TIME MAY BE NEEDED FOR CREW SCHEDULING AND MOBILIZATION.
- ALL WIRING MUST BE CLEARLY LABELED.
- CONTRACTOR MUST ASSIST THE INSPECTOR DURING INSPECTIONS, COMMISSIONING, AND FINAL CONNECTION PHASES OF THE PROJECT AS INSTRUCTED BY THE INSPECTOR. SUCH ASSISTANCE WILL INCLUDE, BUT NOT BE LIMITED TO OPENING HANDHOLES, MANHOLES, AND VARIOUS OTHER ACCESS COVERS, DISCONNECTING AND RECONNECTING FUSE HOLDERS AND MECHANICAL SPLICE CONNECTIONS, VERIFYING CONDUIT RUNS, ETC.
- PRIOR TO REQUESTING FINAL SERVICE CONNECTION, CONTRACTOR MUST CORRECT ALL PUNCH LIST ITEMS AND CALL FOR A RE-INSPECTION WHERE REQUIRED BY THE INSPECTOR. CONTRACTOR MUST PREPARE A SIGNED AS-BUILT PLAN AND WIRING DIAGRAM WHICH INCLUDED WHICH DUCT IS USED IN EACH DUCT BANK.

## SIGNAL POLE NOTES

- INSTALL RECTANGULAR RAPID FLASHING BEACON PER CITY OF KIRKLAND AND PRE-APPROVED PLAN CK-TS.14, WITH TWO (2) RRFB LIGHT BARS, ONE (1) ACCESSIBLE PPB STATION, AND ALL OTHER ASSOCIATED MOUNTING AND HARDWARE PER DETAILS ON SHEET 13. POLE FOUNDATION SHALL BE WSDOT FOUNDATION PER SQUARE FOUNDATION DETAIL ON WSDOT STD PLAN J-21.10-05. ANCHOR BOLT LOCATION SHALL BE PER CK-TS.16A. INSTALL TOP OF FOUNDATION FLUSH WITH TOP OF ADJACENT CURB.
- INSTALL RECTANGULAR RAPID FLASHING BEACON PER CITY OF KIRKLAND AND PRE-APPROVED PLAN CK-TS.14, WITH TWO (2) RRFB LIGHT BARS, CONTROL CABINET, AND ALL OTHER ASSOCIATED MOUNTING AND HARDWARE PER DETAILS ON SHEET 13.
- INSTALL PEDESTRIAN PUSH BUTTON PEDESTAL WITH ONE (1) ACCESSIBLE PPB STATION, AND ALL OTHER ASSOCIATED MOUNTING AND HARDWARE PER DETAILS ON SHEET 15. POLE FOUNDATION SHALL BE WSDOT CURB FOUNDATION PER CURB FOUNDATION DETAIL ON WSDOT STD PLAN J-20.15-04.

## CONSTRUCTION NOTES

- INSTALL SERVICE CABINET AND FOUNDATION IN ACCORDANCE WITH CITY OF KIRKLAND PRE-APPROVED PLANS CK-TS.10 AND CK-TS.11.
- INSTALL TYPE 2 JUNCTION BOX PER WSDOT STD. PLAN J-40.10-04.
- ATTACH 2" CONDUIT TO UTILITY POLE AND EXTEND 10.0 FEET MINIMUM ABOVE GROUND SURFACE. CALL PSE REPRESENTATIVE TO COORDINATE POWER CONNECTION AT POLE [(P02B) 225793-167256]. PSE-RRFB 5148135566.
- INSTALL PSE SUPPLIED STREET LIGHTING HANDHOLE PER PSE UNDERGROUND INSTALLATION GUIDELINES.
- INSTALL 18" DIAMETER DIRECT BURY, CORRUGATED TUBE FOUNDATION WITH 5' DEPTH TO PSE UNDERGROUND STREET INSTALLATION GUIDELINES. FOUNDATION WILL SUPPORT A 30' MOUNTING HEIGHT FIBERGLASS POLE WITH 8' LUMINAIRE TO BE INSTALLED BY PSE. LUMINAIRE WILL BE 135W, TYPE III DISTRIBUTION FIXTURE.
- REPLACE EXISTING LUMINAIRE WITH NEW 135W, TYPE 3 LED LIGHT BY OTHERS (PSE).

## CONDUCTOR NOTES

- CONDUIT SHALL BE SCHEDULE 80 PVC UNDER ROAD CROSSINGS. CONDUIT SCHEDULE 40 PVC IS ACCEPTABLE IN ALL OTHER LOCATIONS.
- #2= SINGLE CONDUCTOR NO. 2 AWG, TYPE USE INSULATION, WSDOT SPEC 9-29.3(2) (APPROX AREA 0.05 SQ IN).
- #8= SINGLE CONDUCTOR NO. 8 AWG, TYPE USE INSULATION, WSDOT SPEC 9-29.3(2) (APPROX AREA 0.06 SQ IN).
- 8C#18= EIGHT CONDUCTOR NO. 18 AWG, TYPE USE INSULATION, WSDOT SPEC 9-29.3(2) (APPROX AREA 0.12 SQ IN).
- 4C#20= FOUR CONDUCTOR NO. 20 AWG, TYPE USE INSULATION, WSDOT SPEC 9-29.3(1) (APPROX AREA 0.10 SQ IN).
- PULL CORD=1/8" DIA DETECTABLE NYLON PULL CORD WITH MINIMUM PULL STRENGTH OF 200 LBS.

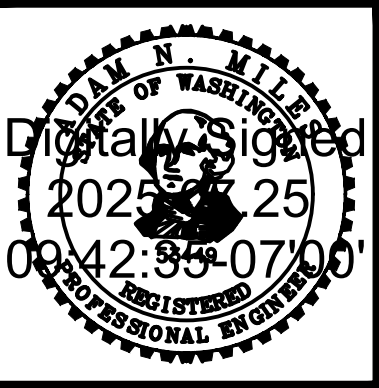
## LEGEND

- (X) SIGNAL STANDARD NOTE
- (X) CONSTRUCTION NOTE
- (X) WIRING NOTE, SEE WIRING SCHEDULE
- LOCKING LID STANDARD DUTY JUNCTION BOX TYPE 2 (33"x22 1/2")
- HH HANDHOLE
- SC SERVICE CABINET
- PEDESTRIAN POLE
- PEDESTRIAN PUSHBUTTON
- TR PROPOSED SIGNAL CONDUIT
- RRFB

DATE	NO.	REVISION	BY



M. BELLAH	3-2025
DESIGNED BY:	DATE
R. TEMPLADO	3-2025
DRAWN BY:	DATE
A. MILES	3-2025
CHECKED BY:	DATE

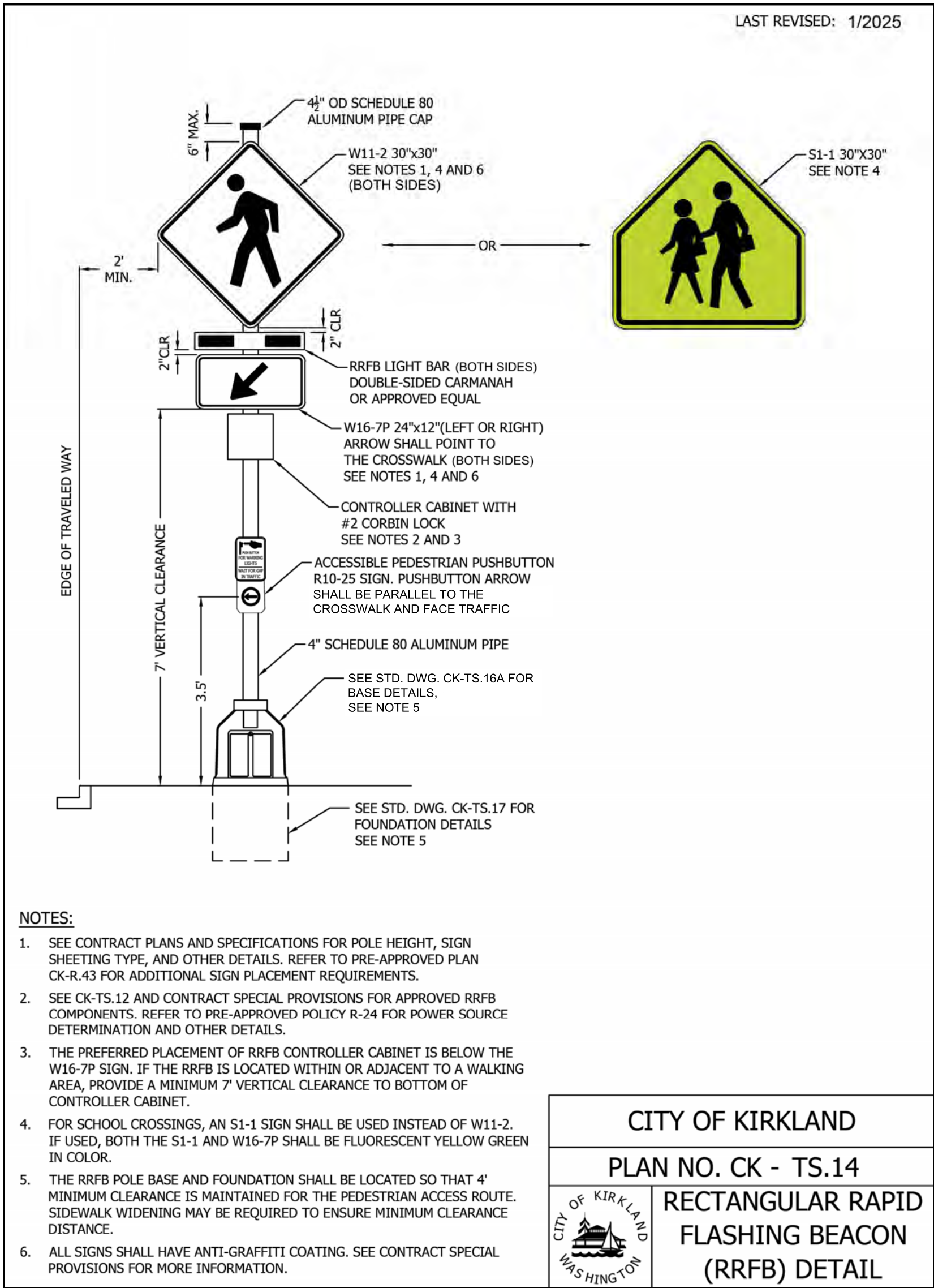


124TH AVENUE NE PEDESTRIAN IMPROVEMENTS PROJECT
RRFB PLAN

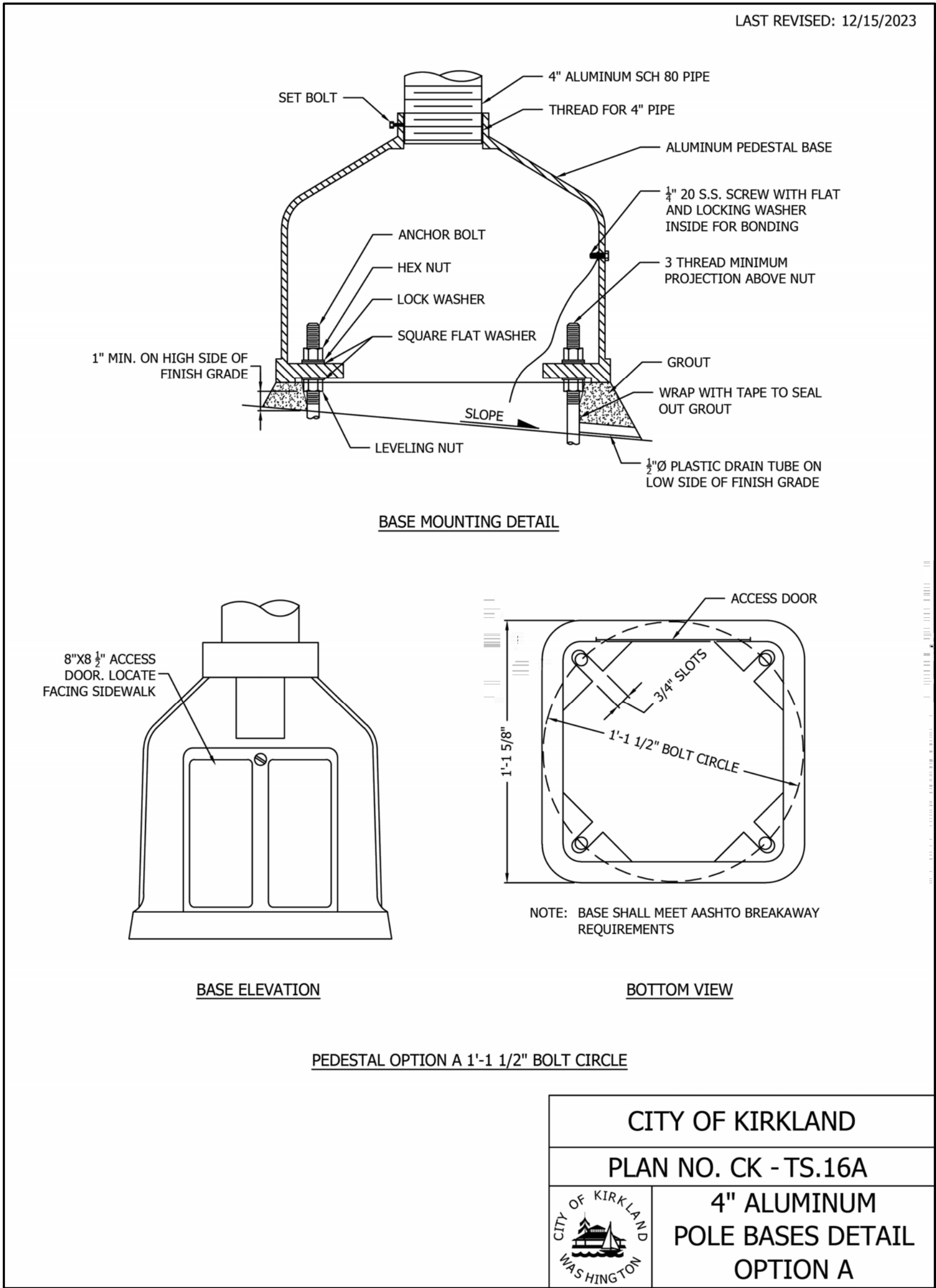
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18
SHEETS



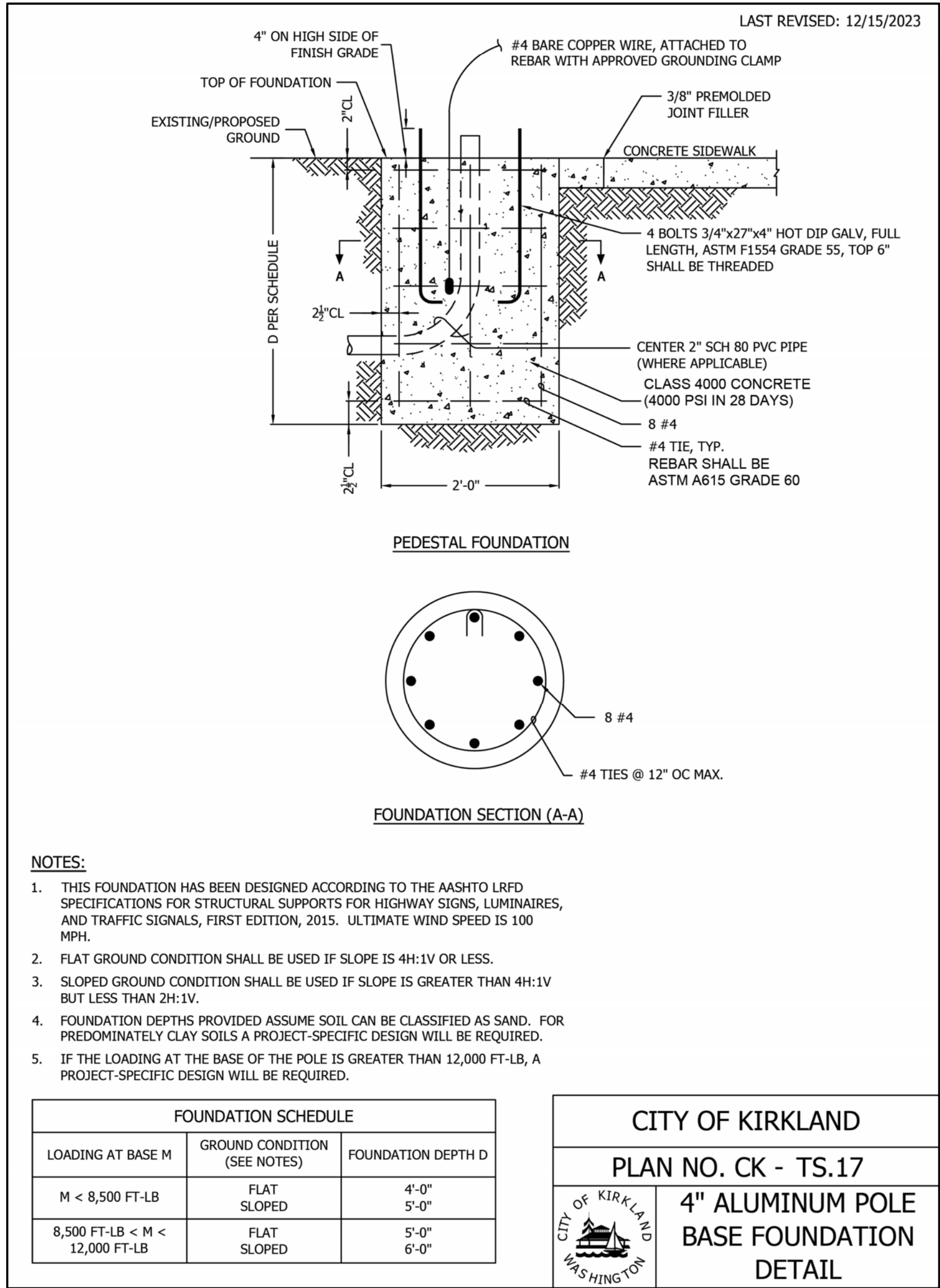
July 24, 2025 - 3:19 PM - RTEMPLADO - J:\7215283-01\65CAD\CIVIL\SC-CT-S1-15283-01.DWG - Layout Name: 13 RRFB DETAILS



RRFB ASSEMBLY DETAIL  
NTS




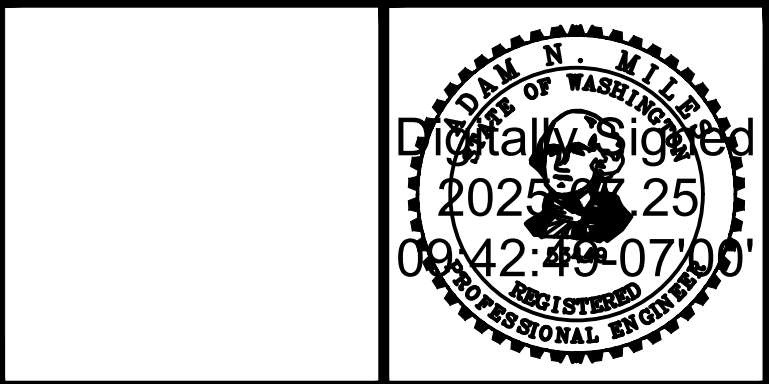
PEDESTAL DETAIL  
NTS



FOUNDATION DETAIL  
NTS

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R. TEMPLADO	3-2025
DRAWN BY:	DATE
A. MILES	3-2025
CHECKED BY:	DATE



124TH AVENUE NE PEDESTRIAN IMPROVEMENTS PROJECT
RRFB DETAILS

SHEET
13
OF
18
SHEETS



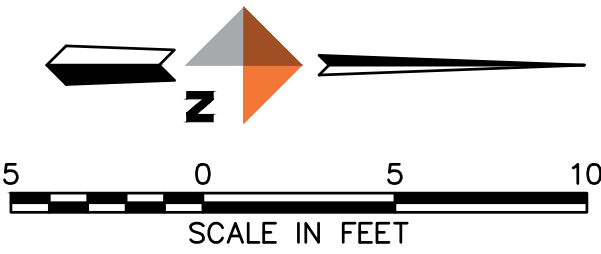
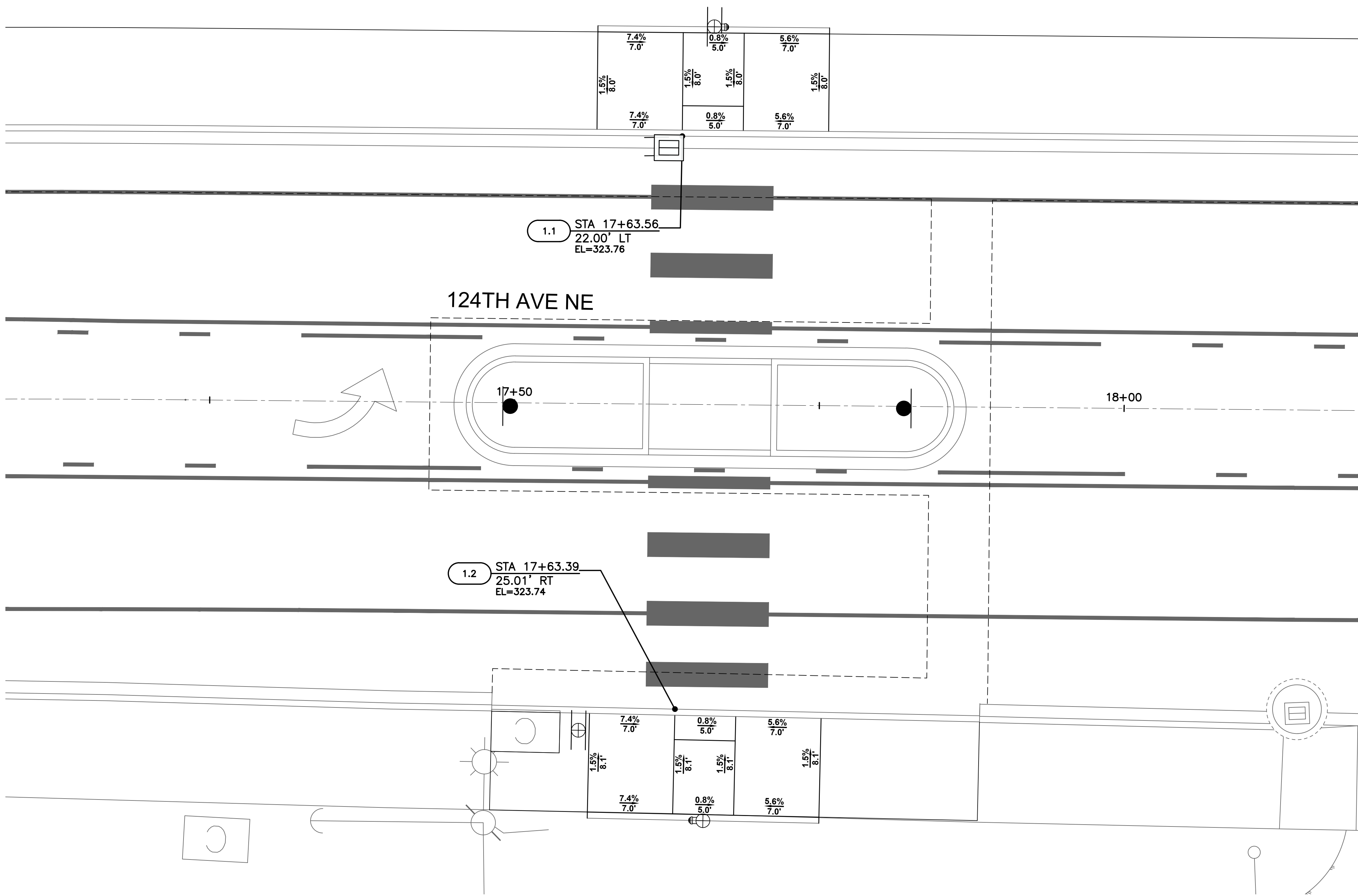








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CURB RAMP SCHEDULE

RAMP	WSDOT STD PLAN	MEF CODE
1.1	F-40.12-03	N/A
1.2	F-40.12-03	N/A

MEF CODES

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

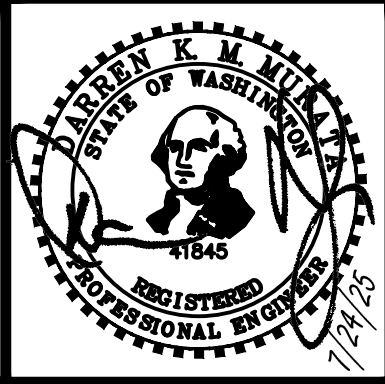
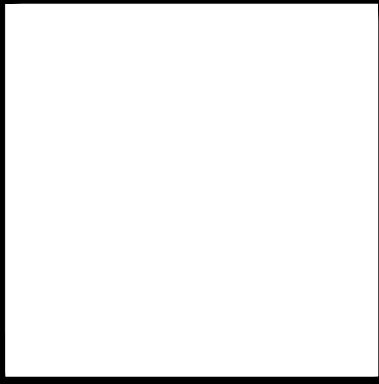
GENERAL NOTES

1. SEE SITE PREPARATION AND ROADWAY PLAN/PROFILE SHEETS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.

DATE	NO.	REVISION	BY



S. ASHE	3-2025
DESIGNED BY:	DATE
R. TEMPLADO	3-2025
DRAWN BY:	DATE
D. MURATA	3-2025
CHECKED BY:	DATE



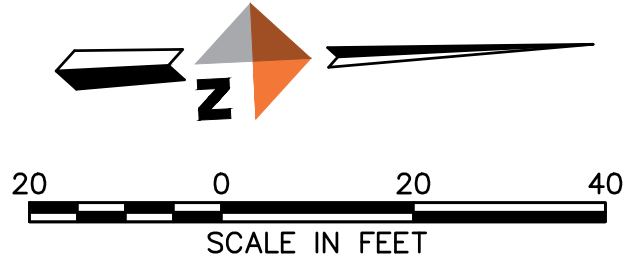
124TH AVENUE NE PEDESTRIAN IMPROVEMENTS PROJECT
ADA CURB RAMP PLAN

SHEET 16 OF 18 SHEETS
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July 24, 2025 - 3:17 PM - RTEMPLADO - J:\7215283-01\66CAD\CIVIL\SC-CT-SG-15283-01.DWG - Layout Name: 17 CHANNELIZATION AND SIGNING PLAN

SIGN SCHEDULE TABLE									
#	STATION	OFFSET	NEW/ EXIST	SIGN CODE	SHEETING CODE	SIGN SIZE	POST SIZE/ TYPE/NO.	DESCRIPTION	REMARKS
S1	15+86.61	32.43' RT	NEW	W11-2	TYPE IX	36"X36"	SEE STD. PLAN NO. CK-R.43	PED CROSSING	INSTALL NEW SIGN
S2			NEW	W16-9P	TYPE IX	24"X12"		AHEAD SIGN	INSTALL NEW SIGN BELOW SIGN S1
S3	16+93.93	32.50' LT	NEW	-			POST BY OTHERS (METRO)	BUS ROUTE INFORMATION	INSTALL NEW SIGN BY OTHERS (METRO)
S4	17+66.11	31.00' LT	NEW	W11-2	TYPE IX	36"X36"	RRFB POLE	PED CROSSING	INSTALL NEW SIGN PER SHEET 12
S5			NEW	W16-7P	TYPE IX	24"X12"		DIAGONAL DOWNWARD POINTING ARROW	(NORTH & SOUTH)
S6	17+49.65	0.28' RT	NEW	W11-2	TYPE IX	36"X36"	SEE STD. PLAN NO. CK-R.43	PED CROSSING	INSTALL NEW SIGN
S7			NEW	W16-7P	TYPE IX	24"X12"		DIAGONAL DOWNWARD POINTING ARROW	INSTALL NEW SIGN
S8	17+81.93	0.17' RT	NEW	W11-2	TYPE IX	36"X36"	SEE STD. PLAN NO. CK-R.43	PED CROSSING	INSTALL NEW SIGN
S9			NEW	W16-7P	TYPE IX	24"X12"		DIAGONAL DOWNWARD POINTING ARROW	INSTALL NEW SIGN
S10	17+55.48	26.82' RT	NEW	W11-2	TYPE IX	36"X36"	RRFB POLE	PED CROSSING	INSTALL NEW SIGN PER SHEET 12
S11			NEW	W16-7P	TYPE IX	24"X12"		DIAGONAL DOWNWARD POINTING ARROW	(NORTH & SOUTH)
S12	18+82.61	39.39' LT	EXIST	-			POST BY OTHERS	PROPERTY ADDRESS SIGN	RELOCATE EXISTING SIGN BY OTHERS
S13	19+44.31	32.76' LT	NEW	W11-2	TYPE IX	36"X36"		PED CROSSING	INSTALL NEW SIGN
S14			NEW	W16-9P	TYPE IX	24"X12"		AHEAD SIGN	INSTALL NEW SIGN BELOW S13
S15	18+67.75	37.12' RT	NEW	-			POST BY OTHERS (METRO)	BUS ROUTE INFORMATION	INSTALL NEW SIGN BY OTHERS (METRO)
S16	19+46.26	27.65' LT	EXIST	-				BUS ROUTE INFORMATION	REMOVE EXISTING SIGN BY OTHERS (METRO)
S17	SEE REMARKS	RT	NEW (TEMP)	W23-2		36"X36"	POWER POLE	NEW TRAFFIC PATTERN AHEAD	INSTALL ON POWER POLE APPROXIMATELY 300' SOUTH OF CROSSWALK AT PROJECT COMPLETION. REMOVE 6 WEEKS AFTER INSTALLATION.



SIGNING NOTES

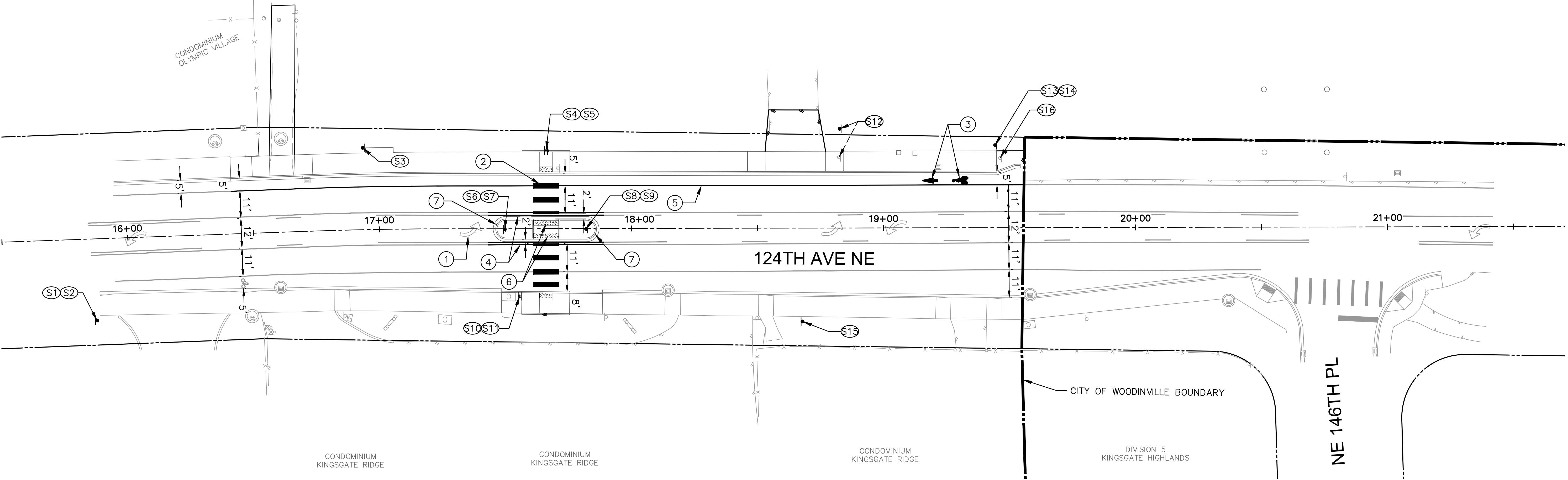
1. SEE CITY OF KIRKLAND STANDARD DETAIL NO. R.43 FOR SIGN POST DETAILS.
2. ALL NEW SIGNS SHALL BE MOUNTED ON NEW POSTS.

PAVEMENT MARKING NOTES

- ① REMOVE EXISTING PAVEMENT MARKING.
- ② INSTALL CROSS WALK STRIPE PER CITY OF KIRKLAND PLAN NO. CK-R.28A.
- ③ INSTALL THERMOPLASTIC BICYCLE LANE MARKINGS PER CITY OF KIRKLAND PLAN NO. CK-R.34.
- ④ INSTALL DOUBLE YELLOW STRIPE PER CITY OF KIRKLAND PLAN NO. CK-R.31.
- ⑤ INSTALL 6" WHITE EDGE LINE STRIPE.
- ⑥ INSTALL DETECTABLE WARNING SURFACE PER WSDOT STD PLAN F-45.10-05.
- ⑦ PAINT NOSE OF MEDIAN ISLAND CURB YELLOW PER WSDOT STD SPEC. 9-34.2.

LEGEND

EXIST.	NEW/RELOCATED	DESCRIPTION
		SINGLE POST MOUNTED SIGN
		SIGNAGE
		CHANNELIZATION
		BIKE LANE ARROW
		BIKE LANE SYMBOL
		RIGHT-OF-WAY



DATE	NO.	REVISION		BY	



S. ASHE	3-2025
DESIGNED BY:	DATE
R. TEMPLADO	3-2025
DRAWN BY:	DATE
D. MURATA	3-2025
CHECKED BY:	DATE



[www.dowl.com](http://www.dowl.com)  
Eastgate Office Park Building 1  
15325 SE 30th Pl., Ste. 300  
Bellevue, Washington 98007  
425-869-2670

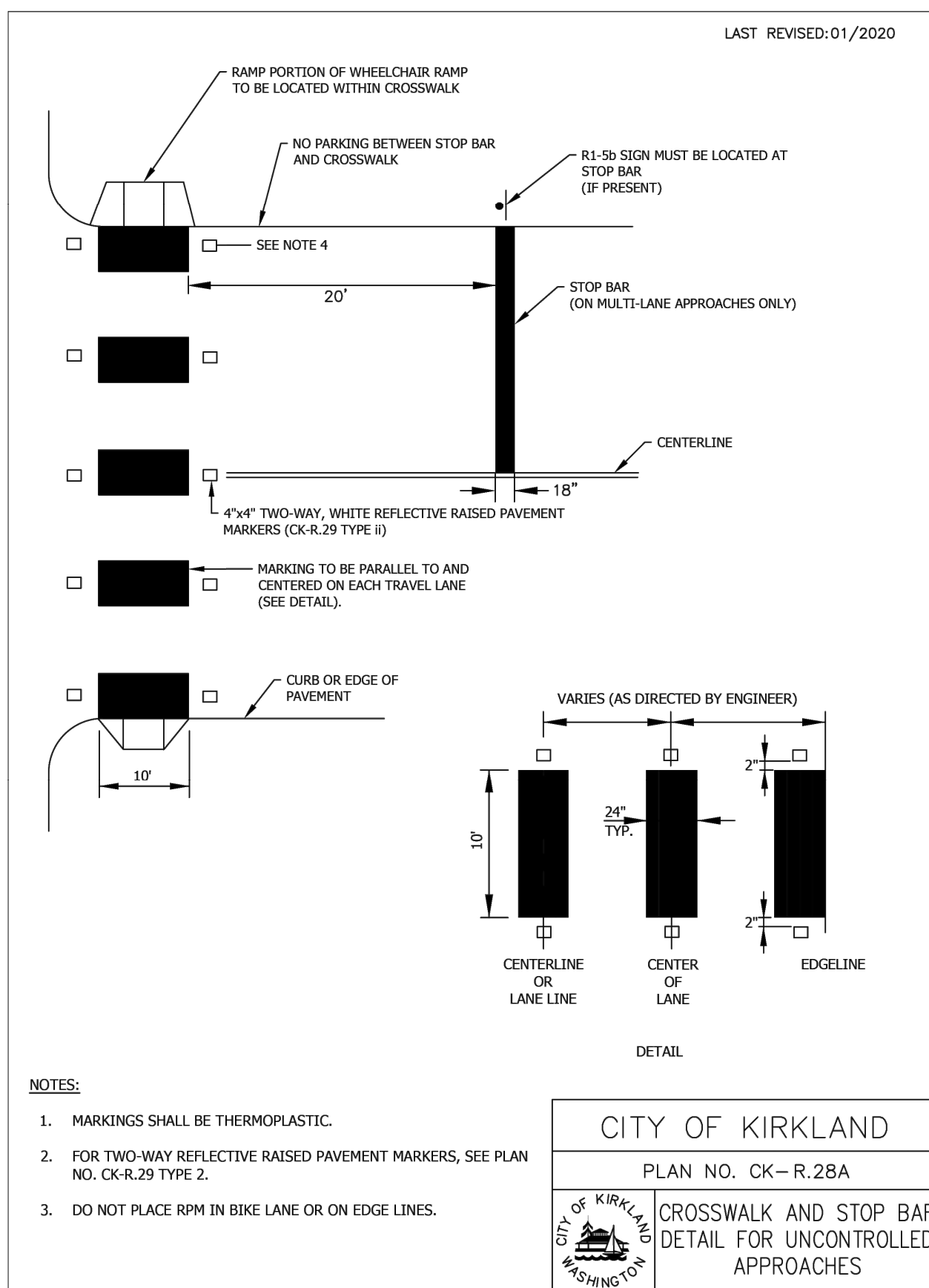


CITY OF KIRKLAND  
DEPARTMENT OF PUBLIC WORKS  
123 FIFTH AVENUE KIRKLAND, WA 98033  
(425) 587-3800 [www.kirklandwa.gov](http://www.kirklandwa.gov)

124TH AVENUE NE  
PEDESTRIAN IMPROVEMENTS PROJECT  
  
CHANNELIZATION AND  
SIGNING PLAN

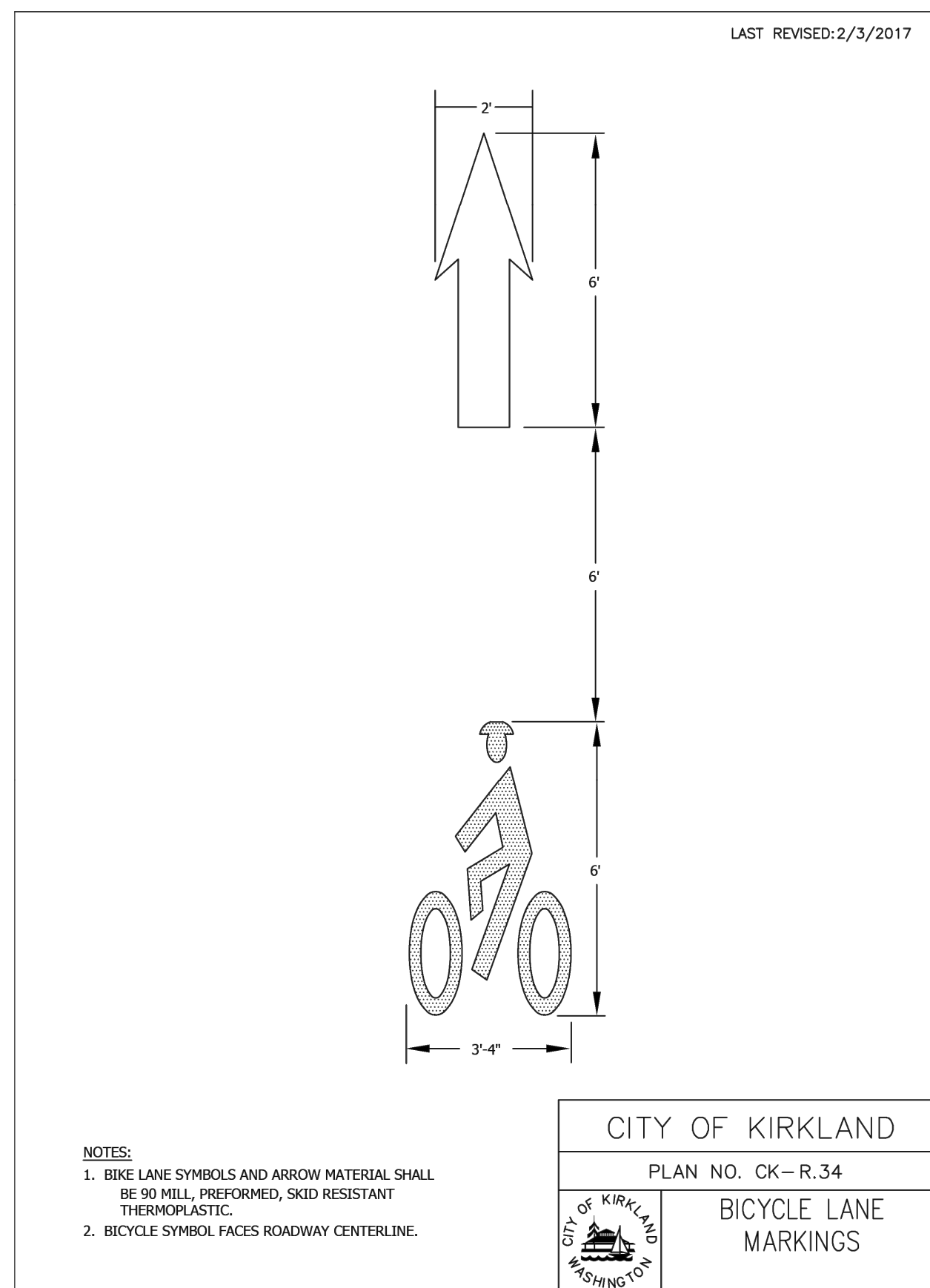
SHEET  
17  
OF  
18  
SHEETS



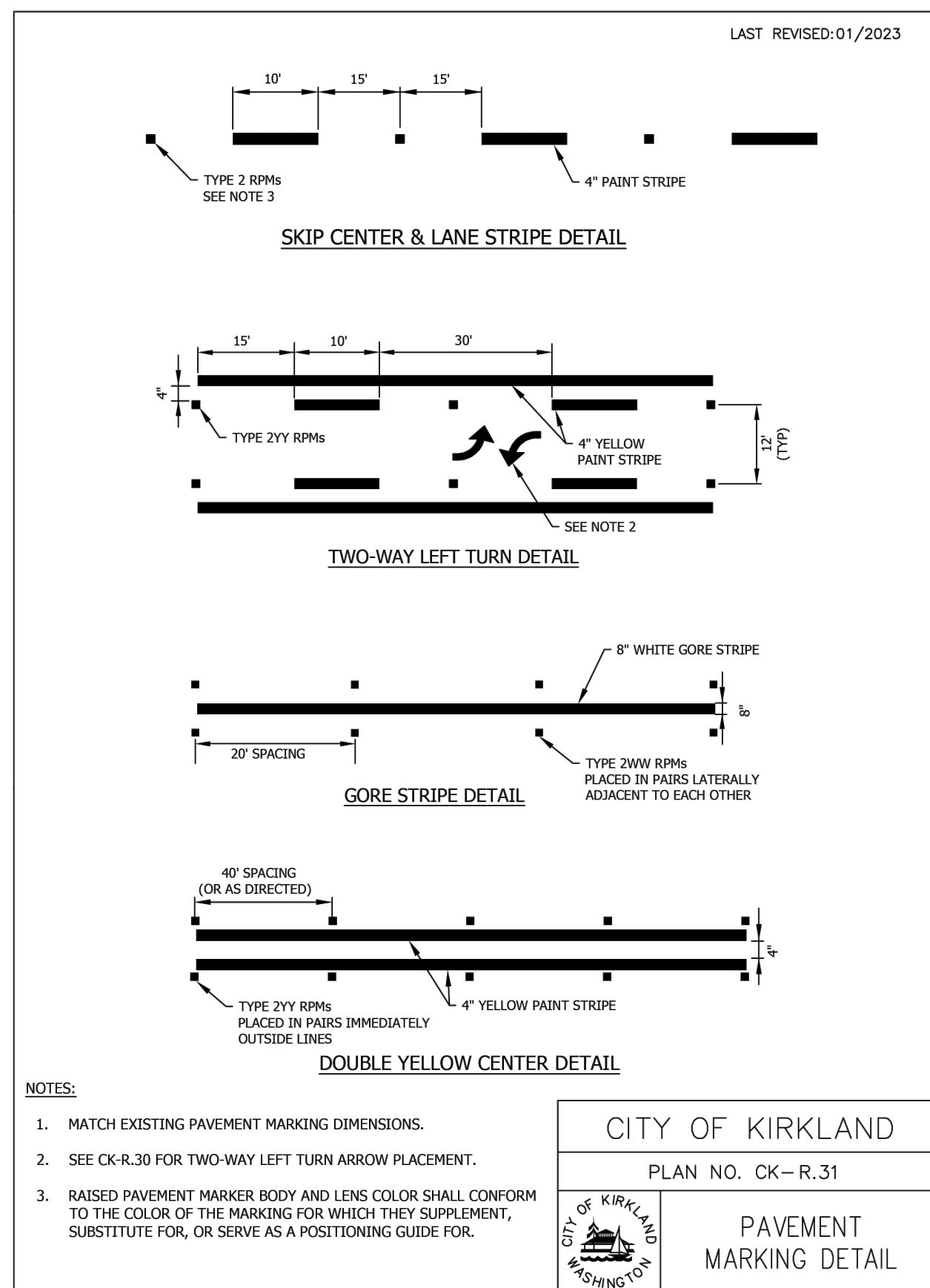


### CROSSWALK STRIPE DETAIL

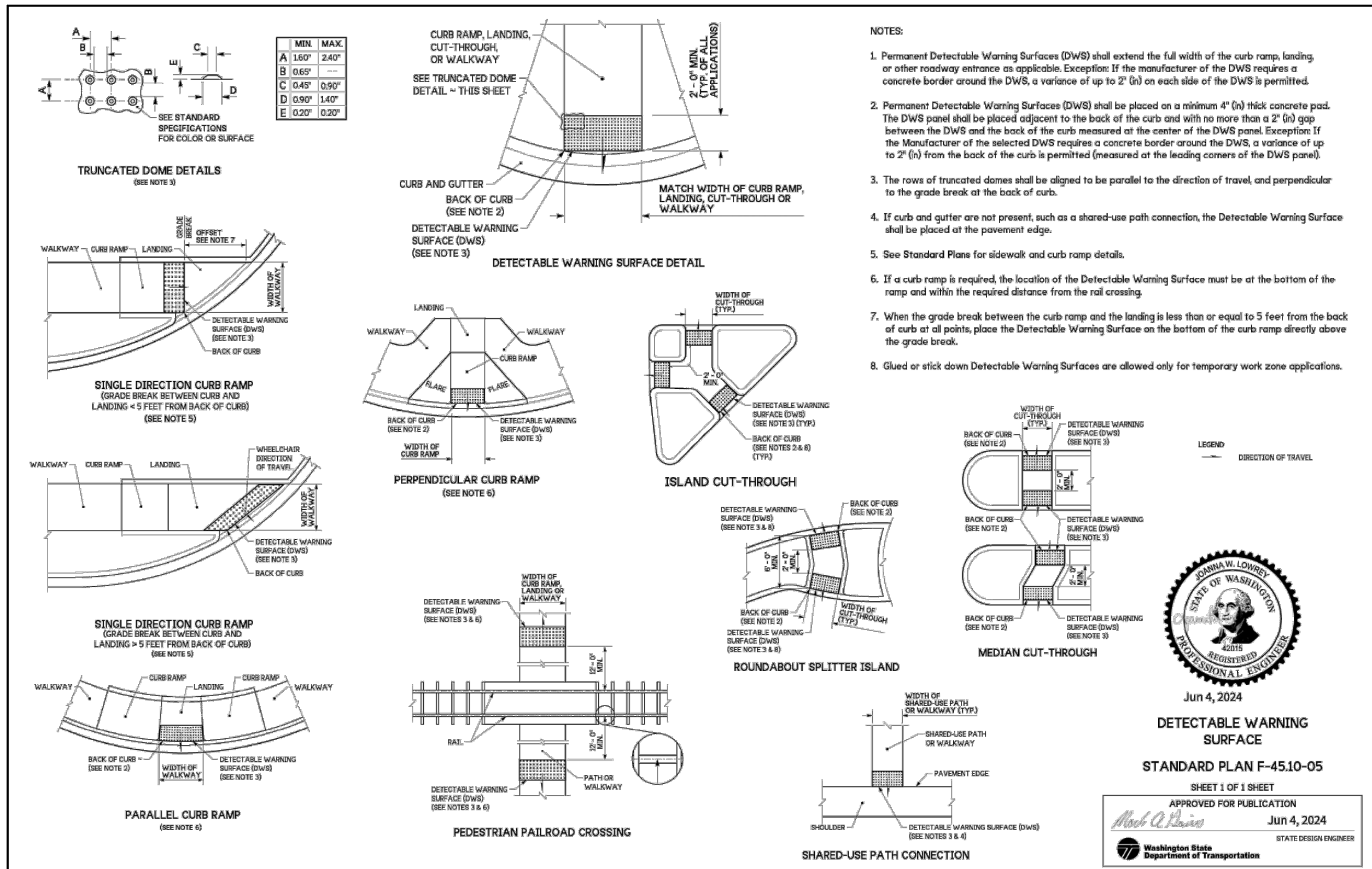
NOT TO SCALE



## THERMOPLASTIC BICYCLE LANE MARKINGS DETAIL



**DOUBLE YELLOW STRIPE DETAIL**  
NOT TO SCALE

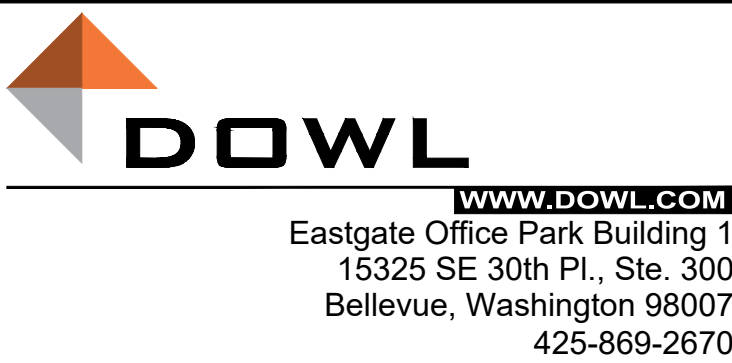
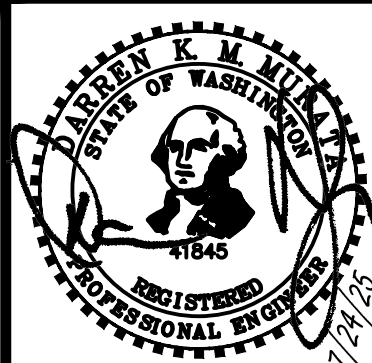


**DETECTABLE WARNING SURFACE DETAIL**  
NOT TO SCALE

DATE	NO.	REVISION	BY



S. ASHE	3-2025
DESIGNED BY:	DATE
R. TEMPLADO	3-2025
DRAWN BY:	DATE
D. MURATA	3-2025
CHECKED BY:	DATE



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# 124TH AVENUE NE PEDESTRIAN IMPROVEMENTS PROJECT

## CHANNELIZATION AND SIGNING DETAILS

SHEET  
18  
OF  
18  
SHEETS