

CITY OF KIRKLAND

132ND AVENUE NE PEDESTRIAN IMPROVEMENTS

JOB NO.: 27-24-PW

JULY 03, 2024

CIP PROJECT NO.: NMC 3000010

CITY OFFICIALS

KELLI CURTIS	MAYOR
JAY ARNOLD	DEPUTY MAYOR
NEAL BLACK	COUNCIL MEMBER
PENNY SWEET	COUNCIL MEMBER
AMY FALCONE	COUNCIL MEMBER
JOHN TYMCZYSZYN	COUNCIL MEMBER
JON PASCAL	COUNCIL MEMBER
KURT TRIPLETT	CITY MANAGER
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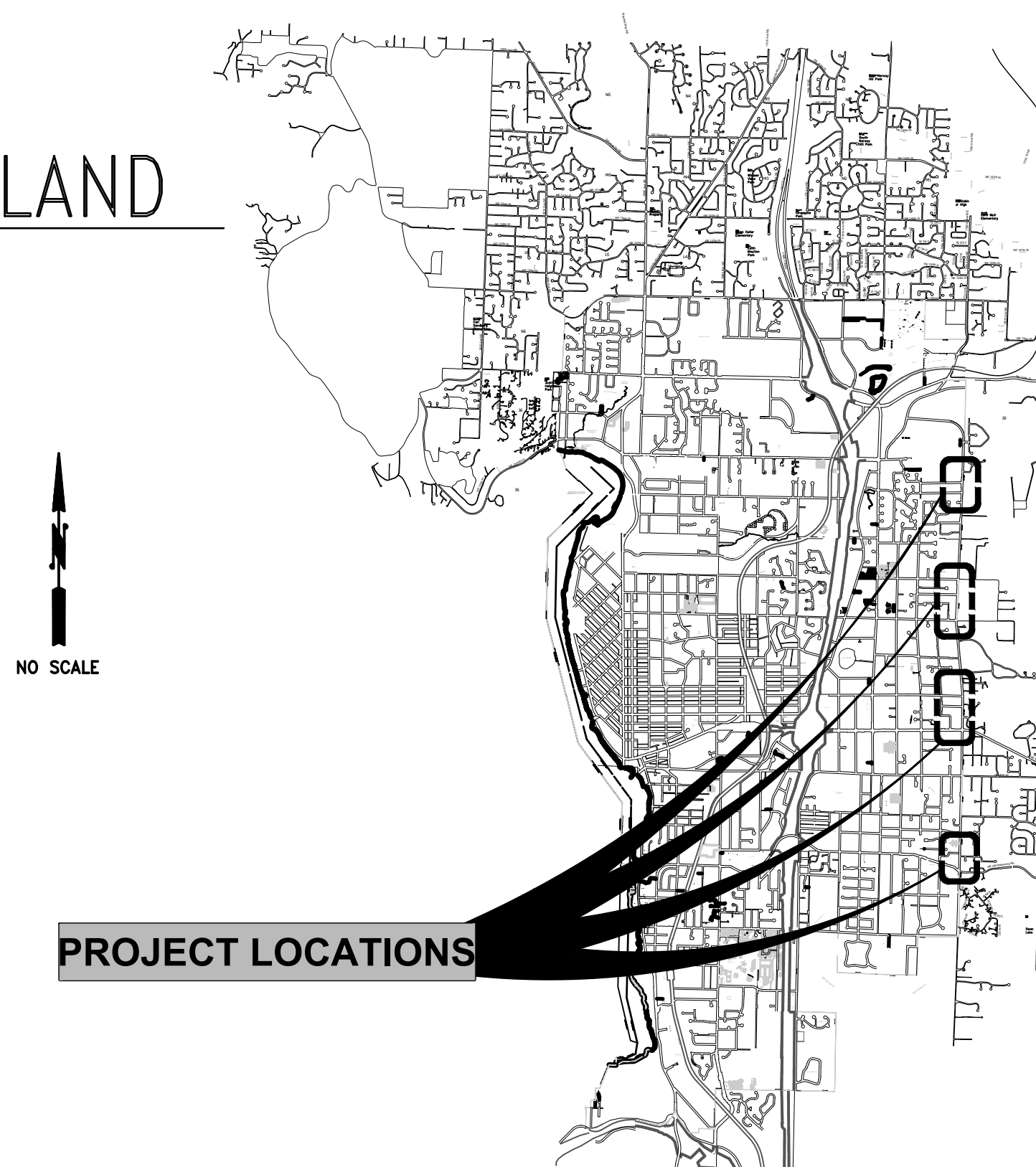
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KIRKLAND



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July 11, 2024 - 2:40 PM - KEAGLE - \\DOWL.COM\PROJECTS\2215223-01\65CAD\CIVIL\SA-GN-CV-15223-01.DWG - Layout Name: 1 COVER SHEET

DATE	NO.	REVISION	BY



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132ND AVENUE NE
 PEDESTRIAN IMPROVEMENTS PROJECT

COVER SHEET

SHEET
 1
 OF
 44
 SHEETS

GENERAL NOTES

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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

- SEE GENERAL NOTE 1.
- SEE GENERAL NOTE 2.
- 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).
- ANY DEVIATION FROM THE APPROVED PLANS WILL REQUIRE WRITTEN APPROVAL. ALL CHANGES SHALL BE SUBMITTED TO THE CITY.
- SEE GENERAL NOTE 2.
- 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.
- 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.
- NOT USED.
- 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.
- 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.
- 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.
- 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 LOOSENED, 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.
- 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.
- NOT USED.

- 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.
- 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.
- 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.
- ALL MANHOLE LADDERS SHALL BE FIRMLY ATTACHED AND EXTEND TO WITHIN 1' OF THE BOTTOM OF THE STRUCTURE.
- SEE GENERAL NOTE 3.
- SEE GENERAL NOTE 3.
- SEE GENERAL NOTE 5.
- 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.
- SEE GENERAL NOTE 6.
- SEE GENERAL NOTE 4.
- GROUT ALL SEAMS AND OPENINGS IN ALL INLETS, CATCH BASINS, AND MANHOLES. JETSET GROUT IS NOT ALLOWED.
- NOT USED.
- NOT USED.
- RECYCLED CONCRETE SHALL NOT BE USED AROUND STORMWATER FACILITIES.
- ALL FASTENERS (BOLTS, NUTS, WASHERS, ETC.) ON MANHOLE AND CATCH BASIN LIDS TO BE STANDARD SIZE. NO METRIC FASTENERS ALLOWED.
- 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

- SEE GENERAL NOTE 1.
- ALL ROADWAY WORK AND MATERIAL SHALL BE IN ACCORDANCE WITH THE CURRENT APWA AND CITY OF KIRKLAND STANDARDS AND SPECIFICATIONS.
- 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.
- SEE GENERAL NOTE 4.
- 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.
- ALL COMMERCIAL AND RESIDENTIAL DRIVEWAYS MUST CONFORM TO THE CITY OF KIRKLAND DEPARTMENT OF PUBLIC WORKS DRIVEWAY POLICY.
- ALL CONCRETE FOR SIDEWALKS AND CURB AND GUTTER MUST BE 4,000 PSI MINIMUM. (5-3/4 SACK MIX.)
- 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.
- ANY ROADWAY SIGNAGE OR STRIPING REMOVED OR TEMPORARILY MOVED BY THE CONTRACTOR SHALL BE RESTORED TO MEET THE CURRENT CITY OF KIRKLAND STANDARDS.
- SEE GENERAL NOTE 7.
- 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.
- 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%).
- DEAD-END STREETS SHALL BE APPROPRIATELY SIGNED AND BARRICADED. SEE MOST CURRENT EDITION OF THE MUTCD.
- SIDEWALK AND CURB AND GUTTER CANNOT BE POURED MONOLITHICALLY. THERE MUST BE A COLD JOINT OR FULL-DEPTH EXPANSION JOINT BETWEEN THEM.
- 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.
- NOT USED.
- 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.
- NOT USED.
- WHEN INSTALLING NEW SIDEWALK, THE AREA BEHIND THE SIDEWALK MUST BE GRADED SO THAT THE YARD DRAINAGE DOES NOT DRAIN OVER THE SIDEWALK.
- ANY EXISTING PUBLIC IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED PRIOR TO FINAL INSPECTION.
- 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.
- 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.
- NOT USED.
- WHEN AN EXISTING ROADWAY IS TO BE WIDENED, THE EXISTING PAVEMENT MUST BE SAW CUT AT LEAST ONE FOOT FROM THE EDGE TO PROVIDE A PROPER MATCH BETWEEN NEW AND EXISTING ASPHALT. HOWEVER, WHEN THE EXISTING PAVEMENT CONTAINS ALLIGATED AREAS, THOSE AREAS MUST BE REMOVED PRIOR TO WIDENING. ALL SAW CUTS SHALL BE PARALLEL OR PERPENDICULAR TO THE RIGHT-OF-WAY CENTERLINE.
- NOT USED.

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DATE	NO.	REVISION	BY




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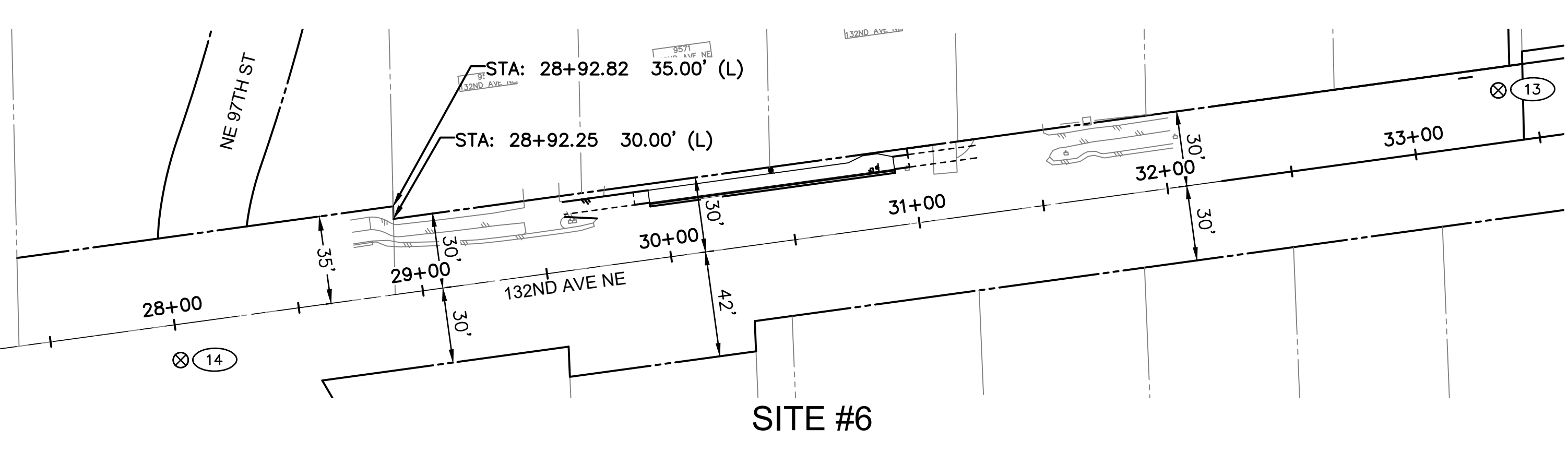
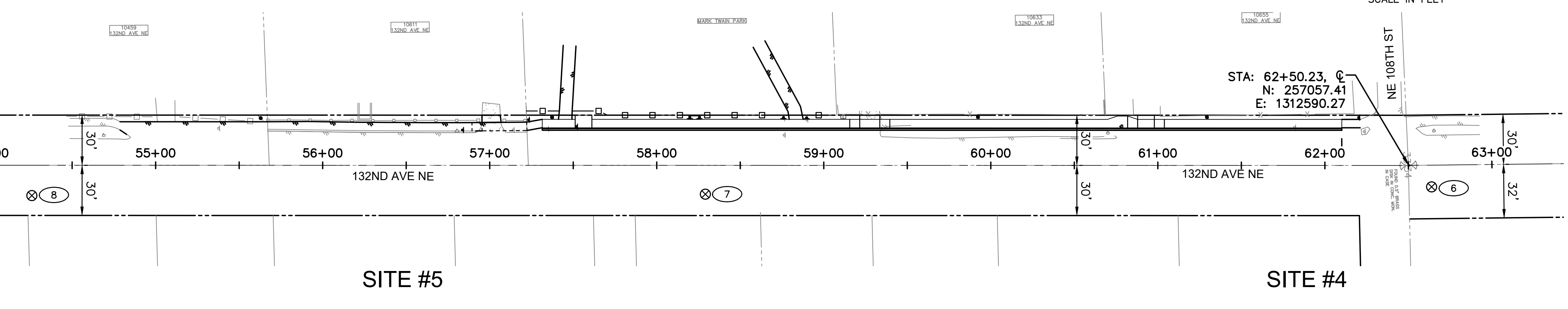
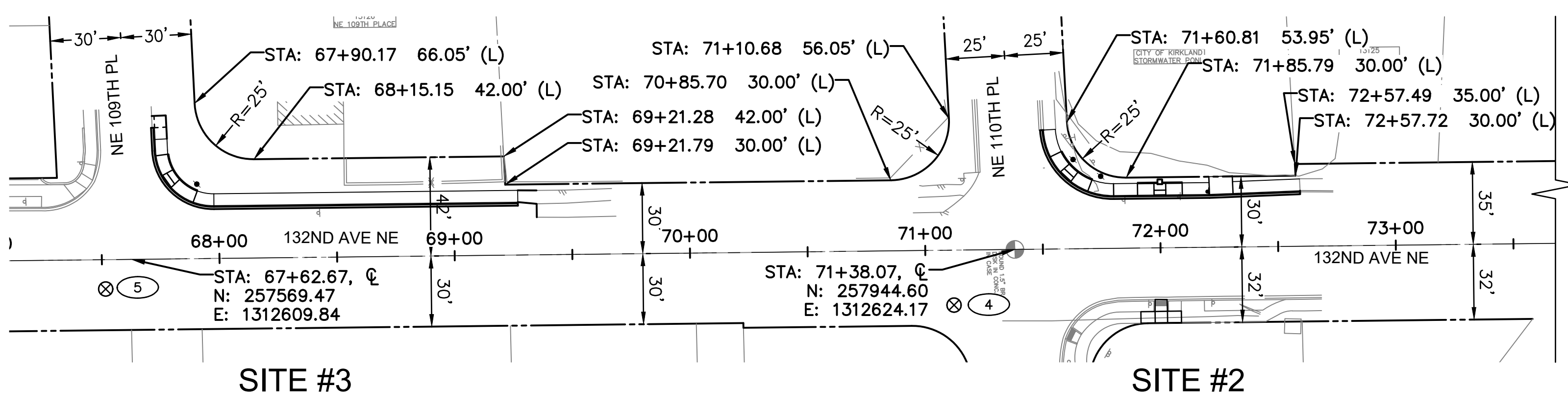
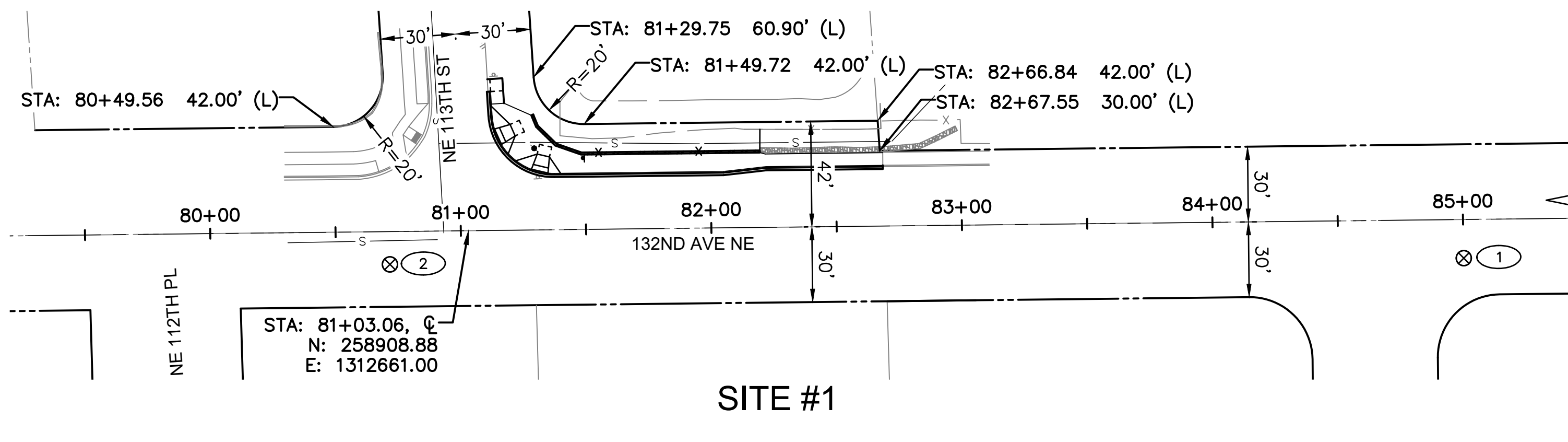


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132ND AVENUE NE
PEDESTRIAN IMPROVEMENTS PROJECT

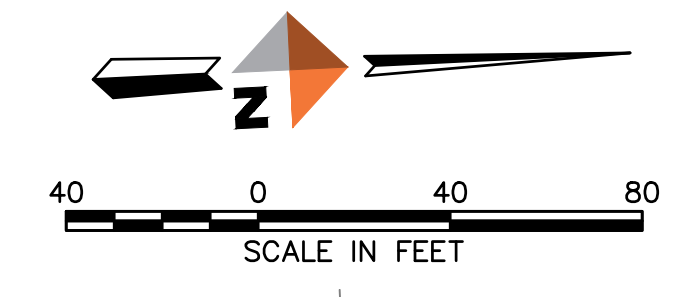
GENERAL NOTES

July 11, 2024 - 2:41 PM - JSHROPE - I:\DOWL\COM\PROJECTS\22115223-01\65CAD\CIVIL\SC-CT-CL-15223-01.DWG - Layout Name: 5 SURVEY CONTROL PLAN



SURVEY CONTROL POINTS						
NO	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #1	85+00.14	15.41' RT	259305.09	1312691.55	340.02	Z MAG
CP #2	80+71.57	13.07' RT	258876.92	1312672.86	340.31	Z MAG
CP #3	76+42.08	16.41' LT	258448.87	1312627.01	339.63	RAMSET NAIL
CP #4	71+11.96	23.37' RT	257917.62	1312646.52	339.41	Z MAG TC
CP #5	67+51.50	12.48' RT	257557.83	1312621.87	339.41	Z MAG
CP #6	62+63.76	12.98' RT	257070.43	1312603.77	341.27	Z MAG
CP #7	58+29.10	17.24' RT	256635.94	1312586.64	343.06	Z MAG

SURVEY CONTROL POINTS						
NO	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #8	54+25.87	18.11' RT	256233.16	1312567.54	341.52	Z MAG
CP #13	33+36.08	20.85' LT	254145.50	1312450.52	313.48	Z MAG
CP #14	28+00.46	14.26' RT	253614.95	1312532.01	306.25	Z MAG
CP #41	89+42.39	0.00' T	259747.60	1312693.04	339.94	3" BRASS DISK IN MON. CASE



HORIZONTAL AND VERTICAL CONTROL:
 SOURCE OF DATA: CITY OF KIRKLAND HORIZONTAL CONTROL NOTEBOOK
 HORIZONTAL DATUM: WASHINGTON STATE PLANE COORDINATE SYSTEM - NORTH ZONE (NAD 83/91)
 VERTICAL DATUM: NAVD 88

BASIS OF COORDINATES AND ELEVATION:
 POINT DESIGNATION: 41
 CROSS IN 3" BRASS DISK IN CONCRETE MONUMENT IN CASE, LOCATED ON THE CENTERLINE OF 132ND AVENUE NE, 65'± NORTH OF THE ENTRANCE TO LAKE WASHINGTON VOC-TECH
 NORTHING: 259,747.60
 EASTING: 1,312,693.04
 ELEVATION: 339.94

BASIS OF BEARING: WASHINGTON STATE PLANE COORDINATE SYSTEM - NORTH ZONE (NAD 83/91)

SURVEY NOTES:
 THIS SURVEY WAS PERFORMED DURING THE MONTHS OF APRIL AND MAY, 2023. ALL MONUMENTS SHOWN HEREON AS FOUND MONUMENTS WERE LOCATED DURING THE COURSE OF THAT SURVEY.

INSTRUMENTATION FOR THIS SURVEY WAS A TRIMBLE S-7 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.

LEGEND

	PROPERTY LINE
	RIGHT-OF-WAY
	CONSTRUCTION CENTERLINE
	SECTION CORNER
	1/4 SECTION CORNER
	STREET CL MONUMENT
	PROPERTY CORNER FOUND (AS NOTED)
	CP5 SURVEY CONTROL POINT
	CONTROL POINT #

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DATE	NO.	REVISION	BY

K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
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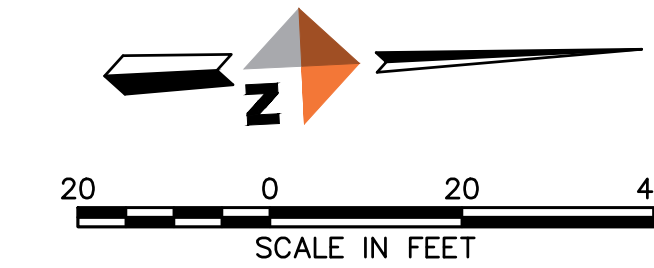
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**132ND AVENUE NE
 PEDESTRIAN IMPROVEMENTS PROJECT**

SURVEY CONTROL PLAN

SHEET
 4
 OF
 44
 SHEETS

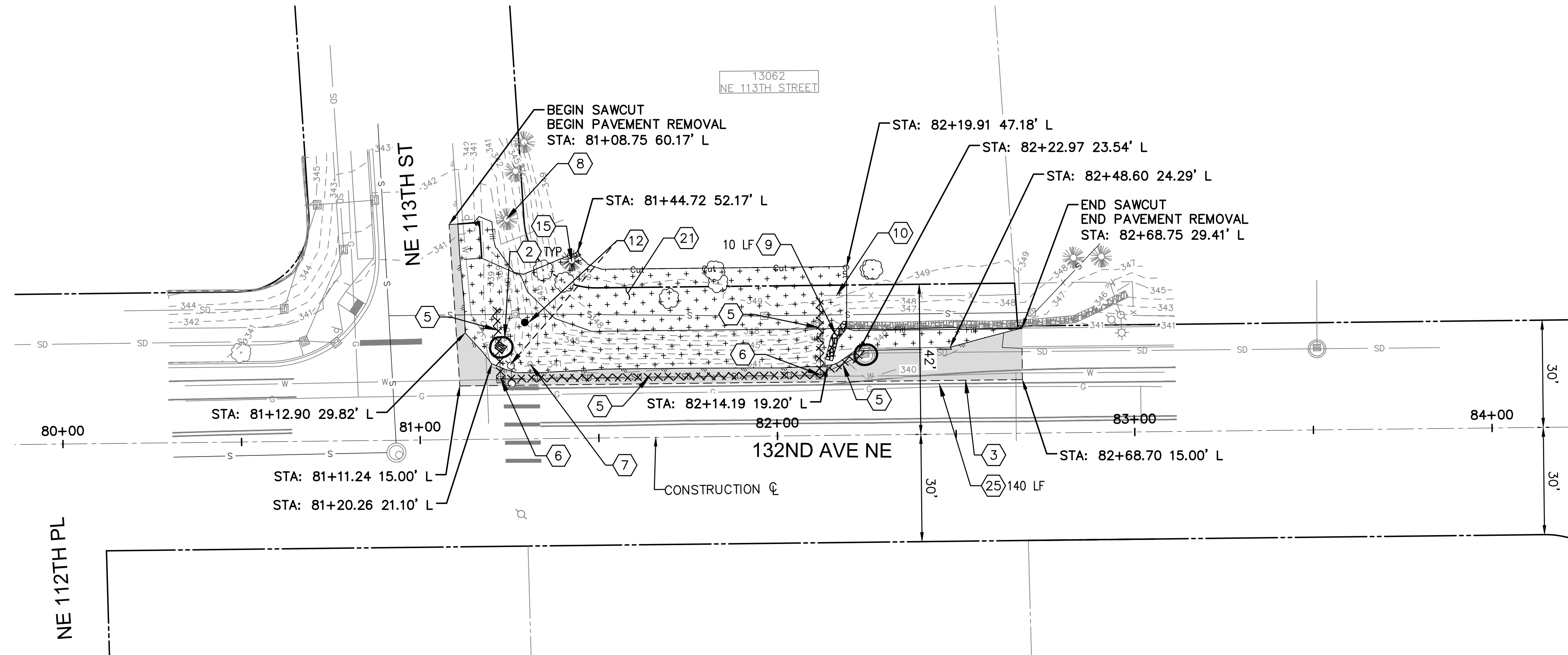


GENERAL NOTES

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

**# SITE PREPARATION/
EROSION CONTROL NOTES**

1. REMOVE EXISTING BICYCLE LANE PAVEMENT MARKING.
2. INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STD PLAN I-40.20-00.
3. SAWCUT AND REMOVE EXISTING ASPHALT CONC. PAVEMENT.
4. REMOVE EXISTING CEMENT CONC. SIDEWALK.
5. REMOVE EXISTING PIPE.
6. REMOVE EXISTING DRAINAGE STRUCTURE.
7. REMOVE EXISTING SIGN.
8. PROTECT EXISTING TREE.
9. REMOVE PORTION OF EXISTING WALL.
10. PROTECT EXISTING FENCE.
11. REMOVE EXISTING VEGETATION (CLEARING AND GRUBBING).
12. EXISTING UTILITY POLE TO BE RELOCATED BY OTHERS.
13. EXISTING UTILITY VAULT/FACILITY TO BE RELOCATED BY OTHERS.
14. EXISTING LIGHT POLE TO BE RELOCATED BY OTHERS.
15. REMOVE EXISTING TREE.
16. REMOVE EXISTING FENCE.
17. REMOVE EXISTING BOLLARDS.
18. RELOCATE MAILBOX.
19. PLUG EXISTING PIPE.
20. REMOVE EXISTING CURB OR CURB & GUTTER.
21. REMOVE EXISTING LANDSCAPING ELEMENTS AND SALVAGE TO OWNER.
22. PROTECT EXISTING CONCRETE BLOCKS.
23. PROTECT EXISTING MAILBOX.
24. REMOVE EXISTING WOODEN DIVIDER AND SALVAGE TO OWNER.
25. REMOVE PAINT LINE.



NOTE: THE NEW RETAINING WALL MUST BE CONSTRUCTED PRIOR TO THE RELOCATION OF THE UTILITY POLE AT THE NORTHWEST CORNER OF 132ND AVE AND 113TH ST. THE CONTRACTOR SHALL COORDINATE WITH CITY STAFF AND PSE TO CONFIRM THE CONSTRUCTION SCHEDULE.

LEGEND

- STORM DRAIN INLET PROTECTION
- PROPERTY LINE
- RIGHT-OF-WAY
- SAWCUT
- REMOVE EXISTING PIPE
- REMOVE EXISTING ASPHALT CONC. PAVEMENT
- REMOVE EXISTING CEMENT CONC. SIDEWALK
- CLEARING AND GRUBBING
- CUT/FILL LIMITS

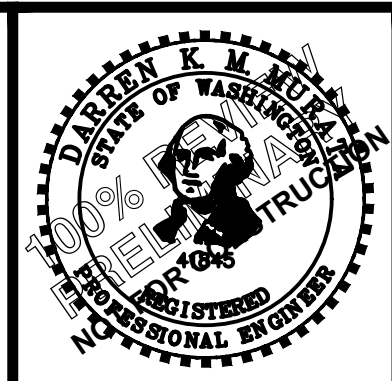
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July 11, 2024 - 2:42 PM - KEAGLE - I:\DOWL\COM\PROJECTS\2215223-01\65CAD\CIVIL\SC-CT-EC-15223-01.DWG - Layout Name: 5 SITE PREPARATION-TESC PLAN (SITE #1)

DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE

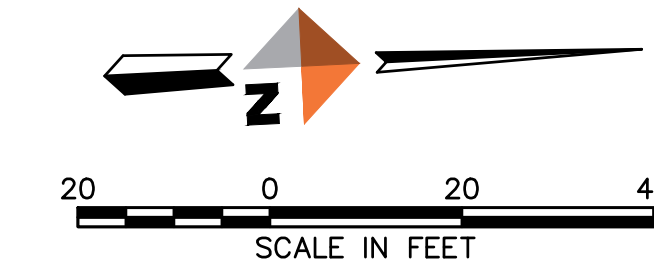


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**132ND AVENUE NE
PEDESTRIAN IMPROVEMENTS PROJECT
SITE PREPARATION-TESC PLAN
(SITE #1)**

SHEET
5
OF
44
SHEETS



GENERAL NOTES

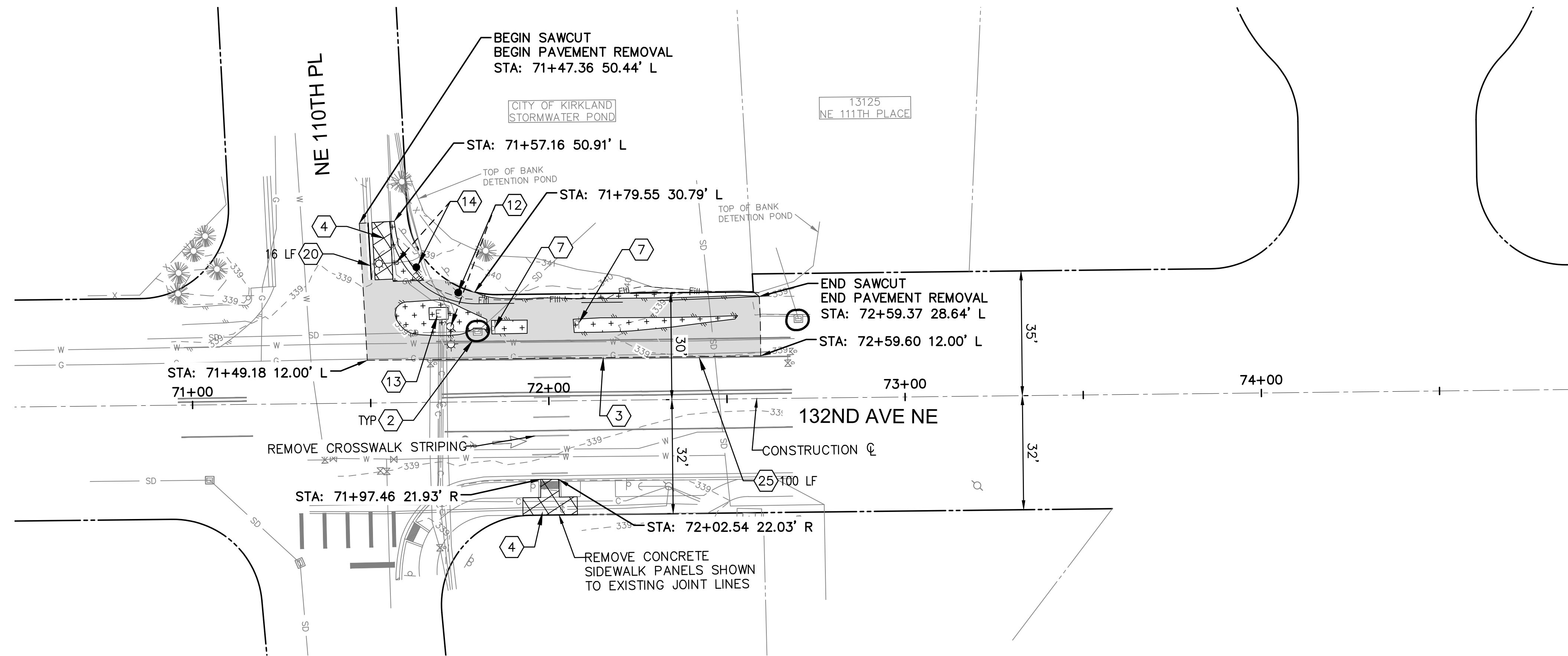
1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE.
2. CONTRACTOR SHALL VERIFY ACTUAL LOCATIONS OF EXISTING UTILITIES.

**# SITE PREPARATION/
EROSION CONTROL NOTES**

1. REMOVE EXISTING BICYCLE LANE PAVEMENT MARKING.
2. INSTALL STORM DRAIN INLET PROTECTION PER WSDOT STD PLAN I-40.20-00.
3. SAWCUT AND REMOVE EXISTING ASPHALT CONC. PAVEMENT.
4. REMOVE EXISTING CEMENT CONC. SIDEWALK.
5. REMOVE EXISTING PIPE.
6. REMOVE EXISTING DRAINAGE STRUCTURE.
7. REMOVE EXISTING SIGN.
8. PROTECT EXISTING TREE.
9. REMOVE PORTION OF EXISTING WALL.
10. PROTECT EXISTING FENCE.
11. REMOVE EXISTING VEGETATION (CLEARING AND GRUBBING).
12. EXISTING UTILITY POLE TO BE RELOCATED BY OTHERS.
13. EXISTING UTILITY VAULT/FACILITY TO BE RELOCATED BY OTHERS.
14. EXISTING LIGHT POLE TO BE RELOCATED BY OTHERS.
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16. REMOVE EXISTING FENCE.
17. REMOVE EXISTING BOLLARDS.
18. RELOCATE MAILBOX.
19. PLUG EXISTING PIPE.
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21. REMOVE EXISTING LANDSCAPING ELEMENTS AND SALVAGE TO OWNER.
22. PROTECT EXISTING CONCRETE BLOCKS.
23. PROTECT EXISTING MAILBOX.
24. REMOVE EXISTING WOODEN DIVIDER AND SALVAGE TO OWNER.
25. REMOVE PAINT LINE.

LEGEND

- STORM DRAIN INLET PROTECTION
- PROPERTY LINE
- RIGHT-OF-WAY
- SAWCUT
- REMOVE EXISTING PIPE
- REMOVE EXISTING ASPHALT CONC. PAVEMENT
- REMOVE EXISTING CEMENT CONC. SIDEWALK
- CLEARING AND GRUBBING
- CUT/FILL LIMITS



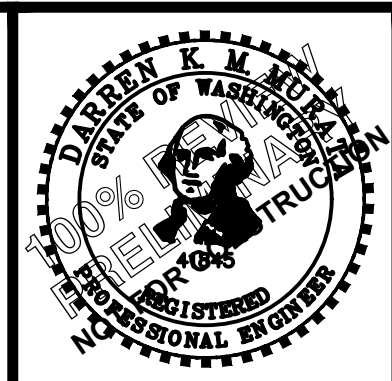
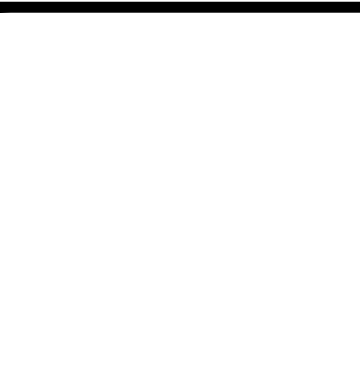
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DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE



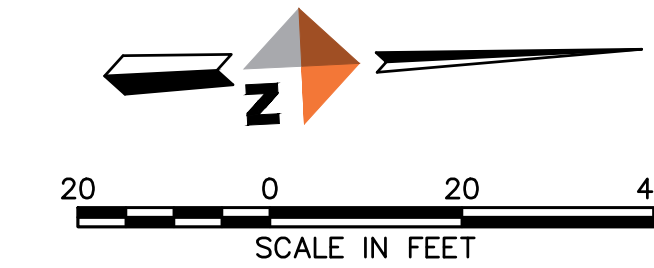
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SITE PREPARATION-TESC PLAN
(SITE #2)**

SHEET
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OF
44
SHEETS



GENERAL NOTES

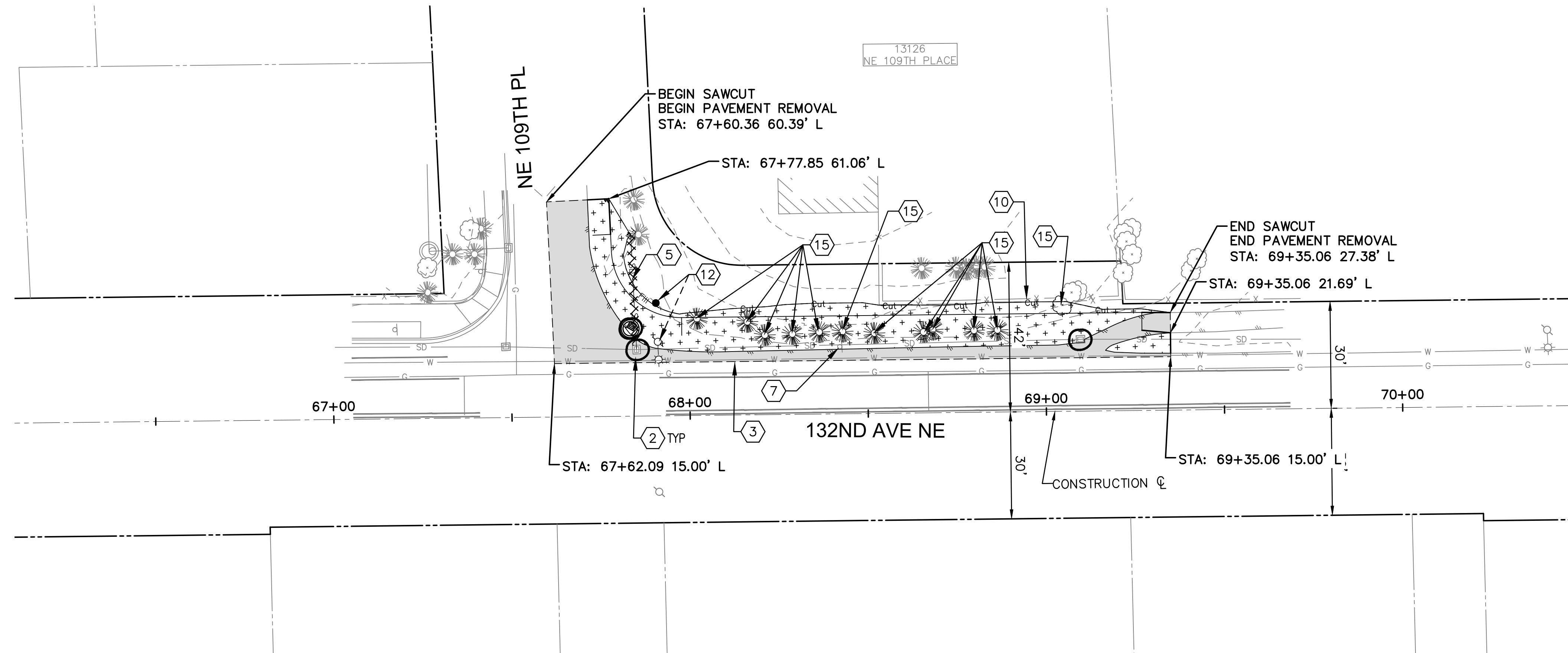
1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE.
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**# SITE PREPARATION/
EROSION CONTROL NOTES**

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23. PROTECT EXISTING MAILBOX.
24. REMOVE EXISTING WOODEN DIVIDER AND SALVAGE TO OWNER.
25. REMOVE PAINT LINE.

LEGEND

- STORM DRAIN INLET PROTECTION
- PROPERTY LINE
- RIGHT-OF-WAY
- SAWCUT
- REMOVE EXISTING PIPE
- REMOVE EXISTING ASPHALT CONC. PAVEMENT
- REMOVE EXISTING CEMENT CONC. SIDEWALK
- CLEARING AND GRUBBING
- CUT/FILL LIMITS



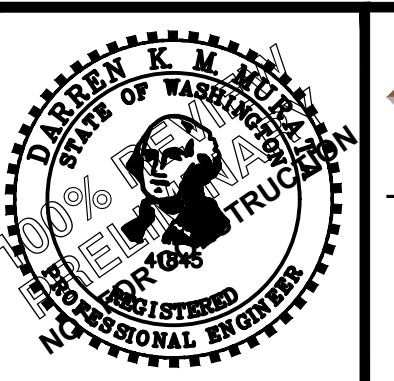
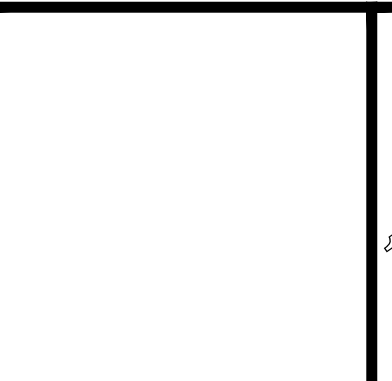
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DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE

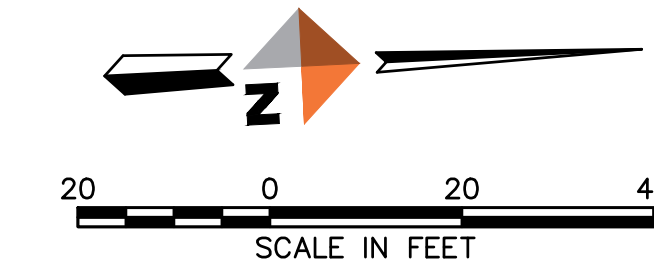


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PEDESTRIAN IMPROVEMENTS PROJECT
SITE PREPARATION-TESC PLAN
(SITE #3)**

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OF
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SHEETS



GENERAL NOTES

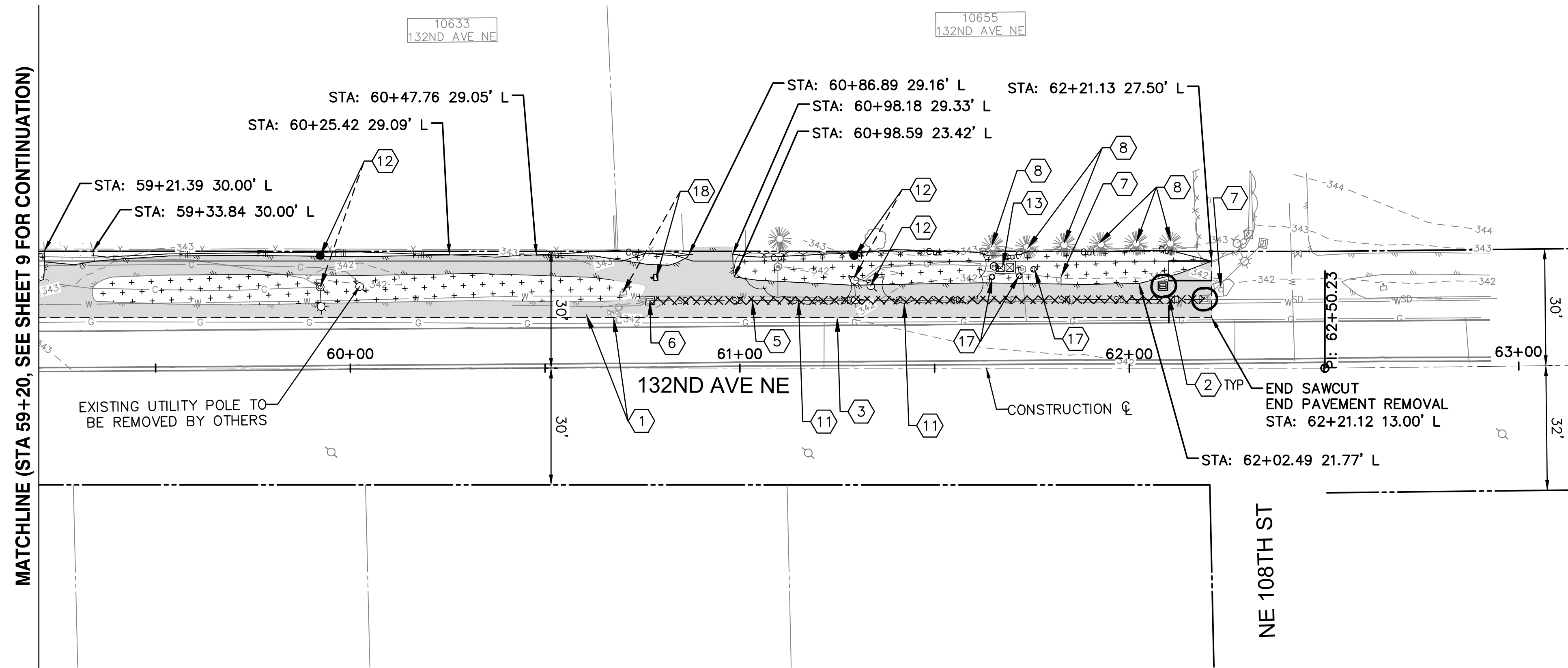
1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE.
2. CONTRACTOR SHALL VERIFY ACTUAL LOCATIONS OF EXISTING UTILITIES.

**# SITE PREPARATION/
EROSION CONTROL NOTES**

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25. REMOVE PAINT LINE.

LEGEND

- STORM DRAIN INLET PROTECTION
- PROPERTY LINE
- RIGHT-OF-WAY
- SAWCUT
- REMOVE EXISTING PIPE
- REMOVE EXISTING ASPHALT CONC. PAVEMENT
- REMOVE EXISTING CEMENT CONC. SIDEWALK
- CLEARING AND GRUBBING
- CUT/FILL LIMITS



MATCHLINE (STA 59+20, SEE SHEET 9 FOR CONTINUATION)

NE 108TH ST

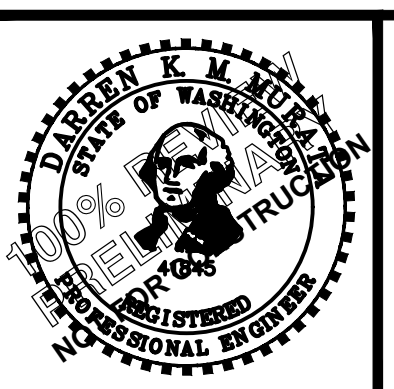
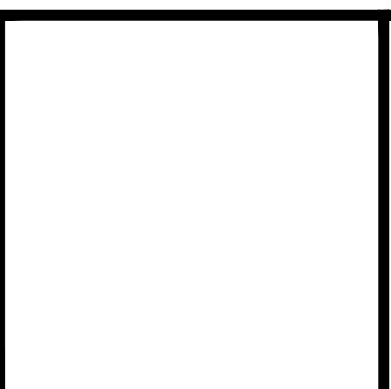
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DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE

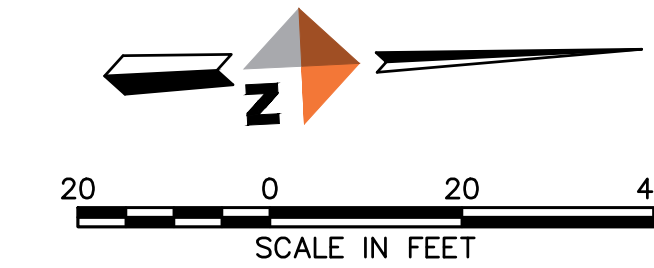


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**132ND AVENUE NE
PEDESTRIAN IMPROVEMENTS PROJECT
SITE PREPARATION-TESC PLAN
(SITE #4)**

SHEET
8
OF
44
SHEETS



GENERAL NOTES

1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE.
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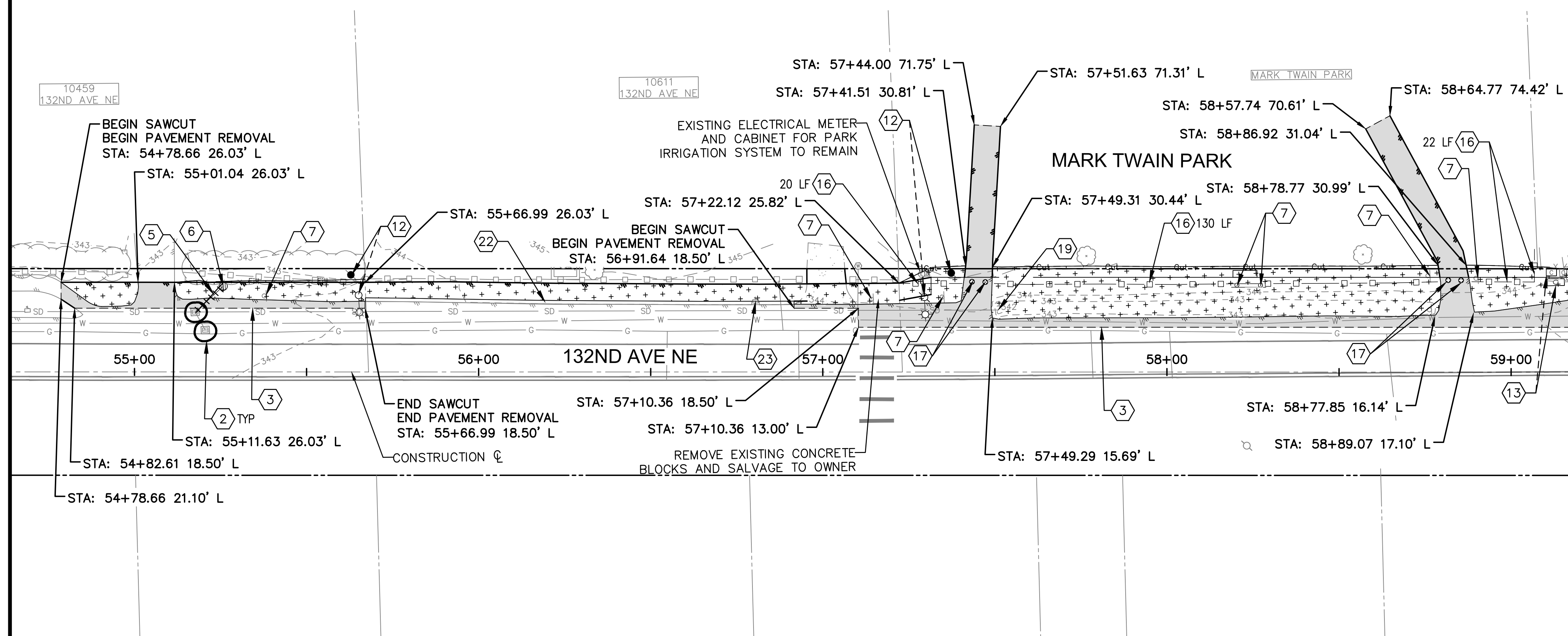
**# SITE PREPARATION/
EROSION CONTROL NOTES**

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LEGEND

- STORM DRAIN INLET PROTECTION
- PROPERTY LINE
- RIGHT-OF-WAY
- SAWCUT
- REMOVE EXISTING PIPE
- REMOVE EXISTING ASPHALT CONC. PAVEMENT
- REMOVE EXISTING CEMENT CONC. SIDEWALK
- CLEARING AND GRUBBING
- CUT/FILL LIMITS

MATCHLINE (STA 59+20, SEE SHEET 8 FOR CONTINUATION)



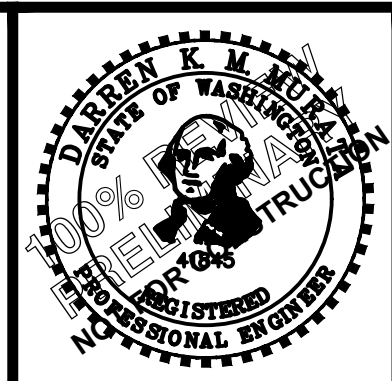
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DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE

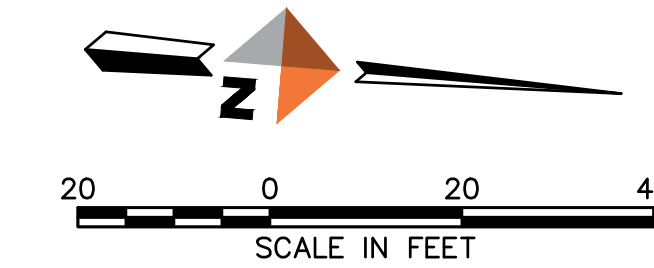


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PEDESTRIAN IMPROVEMENTS PROJECT
SITE PREPARATION-TESC PLAN
(SITE #5)**

SHEET
9
OF
44
SHEETS



GENERAL NOTES

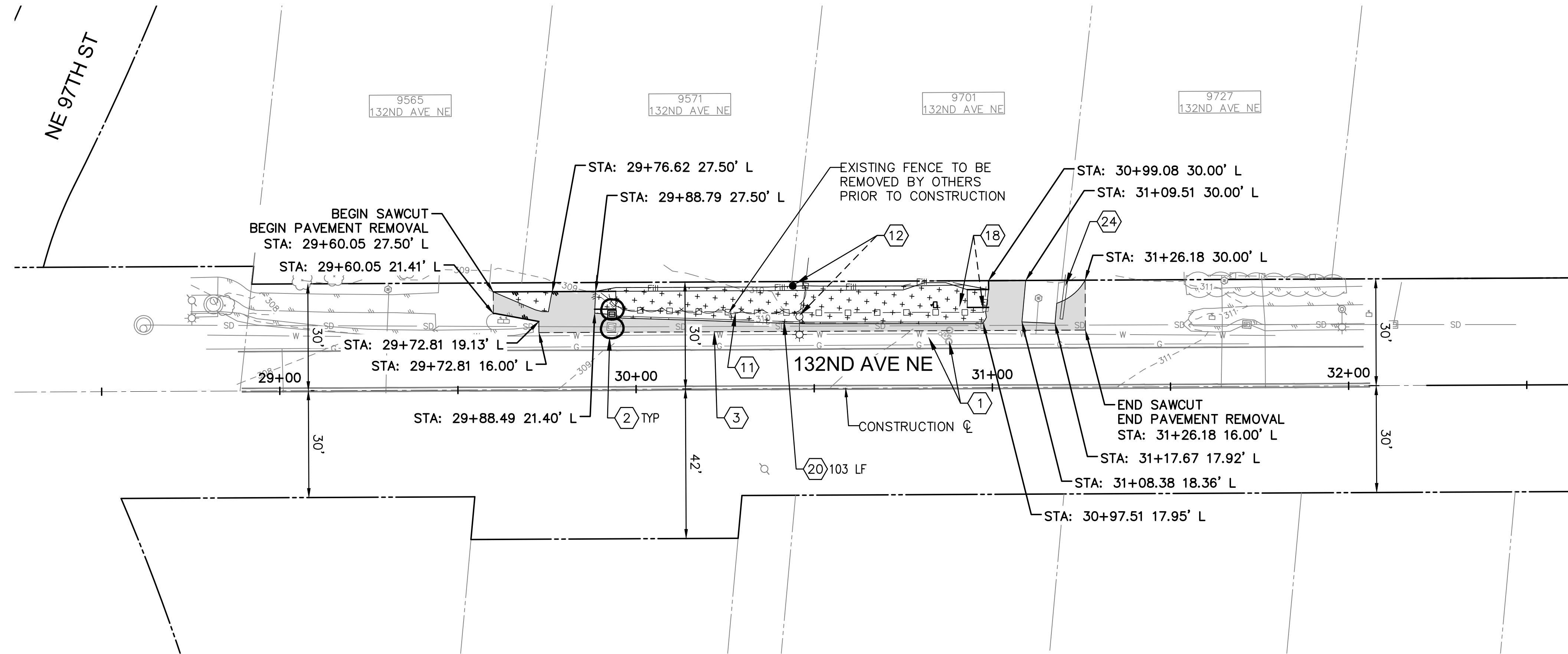
1. UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE.
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**# SITE PREPARATION/
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LEGEND

- STORM DRAIN INLET PROTECTION
- PROPERTY LINE
- RIGHT-OF-WAY
- SAWCUT
- REMOVE EXISTING PIPE
- REMOVE EXISTING ASPHALT CONC. PAVEMENT
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- CUT/FILL LIMITS



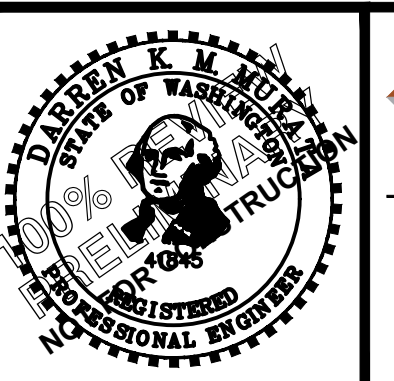
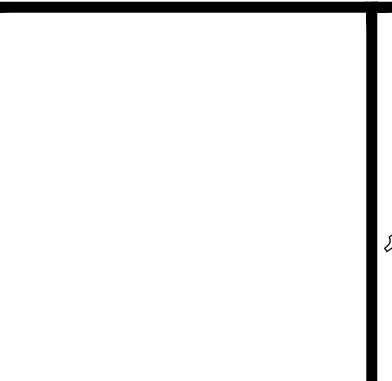
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DATE	NO.	REVISION	BY



K. EAGLE	05-2024
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K. EAGLE	05-2024
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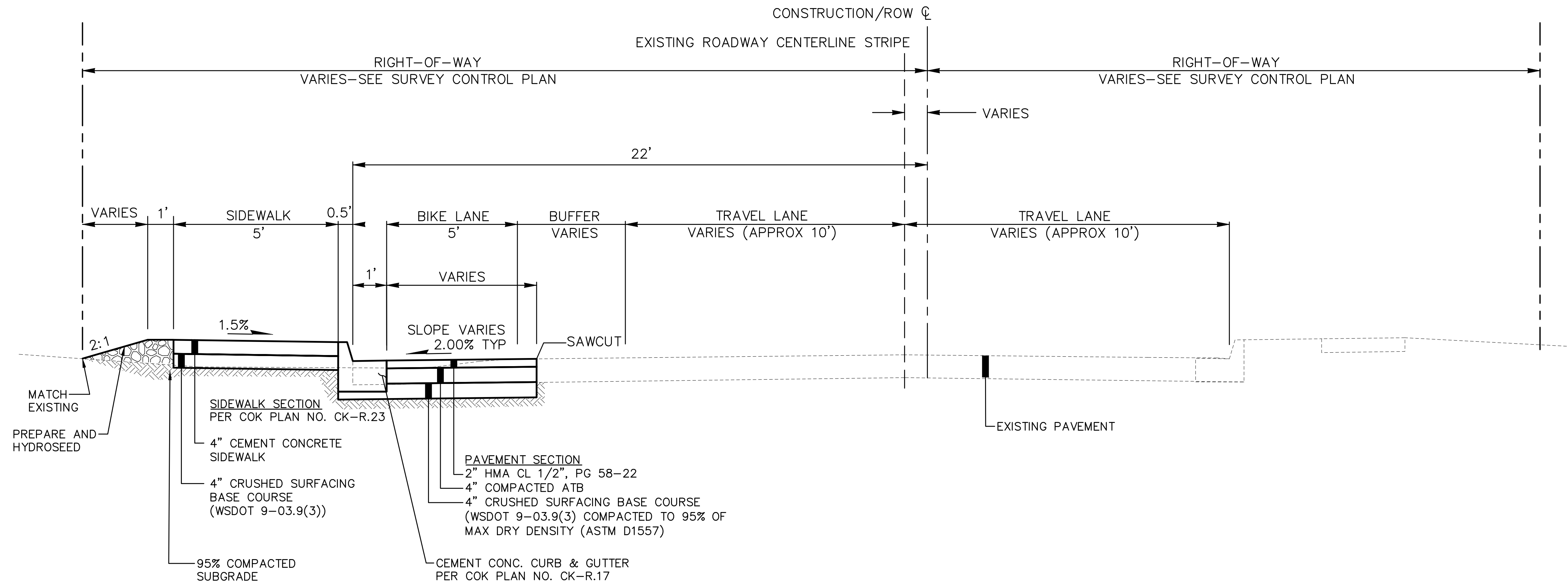
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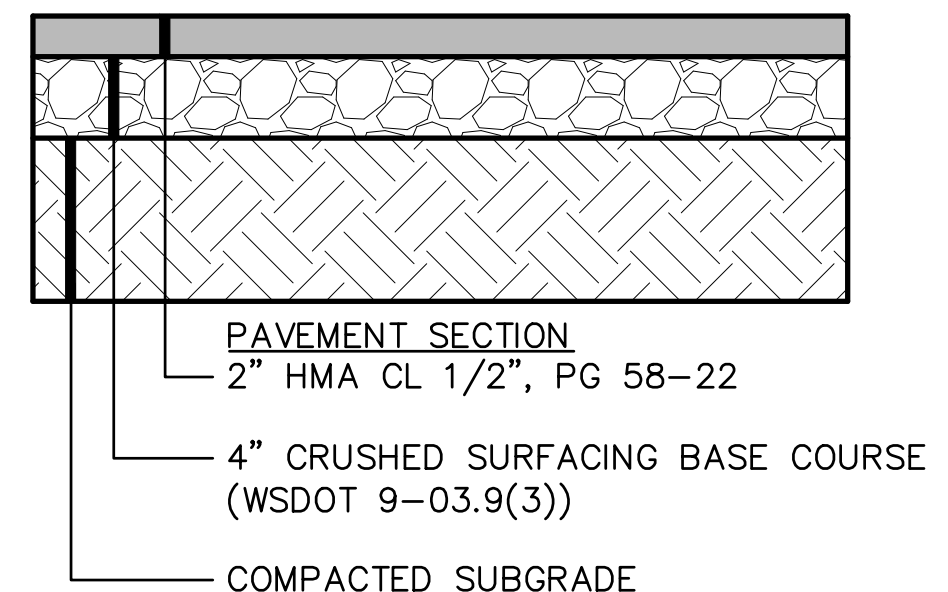
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PEDESTRIAN IMPROVEMENTS PROJECT
SITE PREPARATION-TESC PLAN
(SITE #6)**

SHEET
10
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44
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July 11, 2024 - 2:42 PM - JSHROPE - I:\DOWL\COM\M\PROJECTS\2215223-01\65CAD\CIVIL\ISA-CT-TS-15223-01.DWG - Layout Name: 11 TYPICAL SECTIONS AND DETAILS



TYPICAL SIDEWALK SECTION
NOT TO SCALE



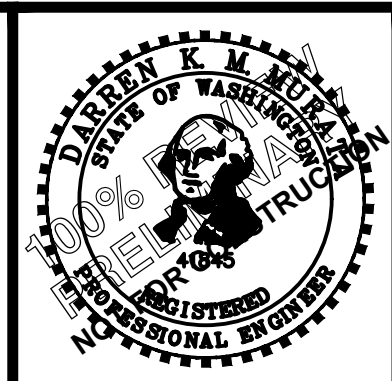
ASPHALT CONCRETE PAVEMENT SECTION FOR PEDESTRIAN WALKWAY
NOT TO SCALE

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DATE	NO.	REVISION	BY



K. EAGLE	05-2024
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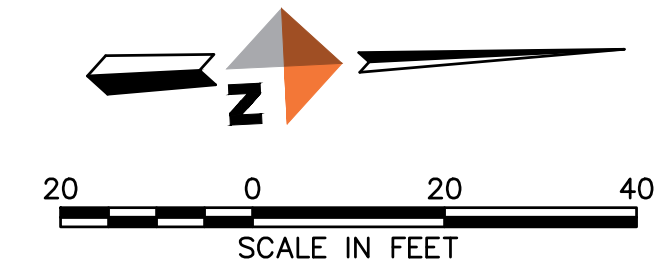
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**132ND AVENUE NE
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TYPICAL SECTIONS AND DETAILS

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11
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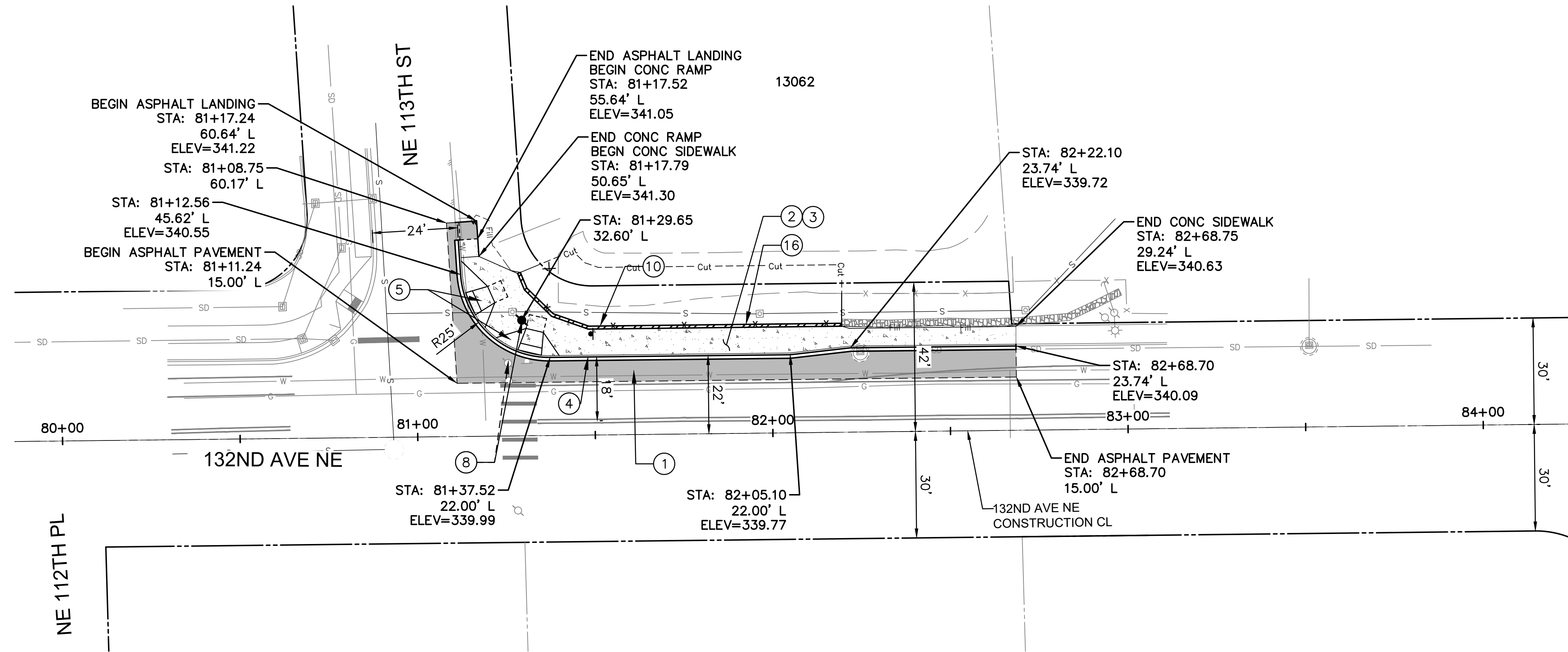


SIDEWALK CONSTRUCTION NOTES

1. CONSTRUCT ASPHALT ROADWAY PER TYPICAL SECTION SHEET 11.
2. CONSTRUCT SIDEWALK PER TYPICAL SECTION SHEET 11.
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.
6. NOT USED.
7. PROTECT EXISTING UTILITY POLE.
8. EXISTING UTILITY POLE TO BE RELOCATED BY OTHERS.
9. RELOCATE MAILBOX.
10. CONSTRUCT RETAINING WALL. SEE SHEET 27 FOR WALL PROFILE AND DETAILS.
11. CONSTRUCT CONCRETE DRIVEWAY.
12. EXISTING UTILITY FACILITY/VAULT TO BE RELOCATED BY OTHERS.
13. INSTALL RRFB ASSEMBLY.
14. REMOVE ALL EXISTING TREES WITHIN IMPROVEMENT LIMITS. EXISTING ELECTRICAL METER AND CABINET TO REMAIN.
15. REPLACE WITH NEW WATER METER BOX PER COK PLAN NO. CK-W.23.
16. INSTALL SAFETY RAILING PER SHEET 27.
17. INSTALL SPLIT RAIL FENCING PER DETAIL ON SHEET 38.
18. INSTALL CONCRETE PAD PER DETAIL ON SHEET 38.
19. INSTALL MAILBOX PER DETAIL ON SHEET 43.
20. INSTALL WIDENED SIDEWALK FOR BUS STOP (8' WIDE X 10' LONG)

LEGEND

- EXISTING STORM
- EXISTING WATER
- EXISTING GAS
- EXISTING COMMUNICATIONS
- EXISTING SANITARY SEWER
- EXISTING RIGHT-OF-WAY
- PROPOSED CEMENT CONC SIDEWALK
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CUT/FILL
- PROPOSED STORM PIPE
- PROPOSED STORM STRUCTURES
- PROPOSED RETAINING WALL



NOTE: THE RETAINING WALL MUST BE CONSTRUCTED PRIOR TO THE RELOCATION OF THE UTILITY POLE AT THE NORTHWEST CORNER OF 132ND AVE AND 113TH ST. THE CONTRACTOR SHALL COORDINATE WITH CITY STAFF AND PSE TO CONFIRM THE CONSTRUCTION SCHEDULE.

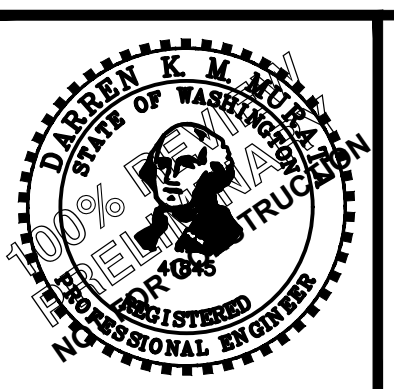
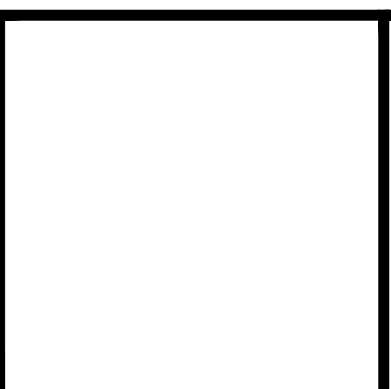
July 11, 2024 - 2:44 PM - KEAGLE - \DOWL.COM\PROJECTS\2215223-01\65CAD\CIVIL\SC-CT-PV-15223-01.DWG - Layout Name: 12 ROADWAY PAVING PLAN (SITE #1)

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DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE

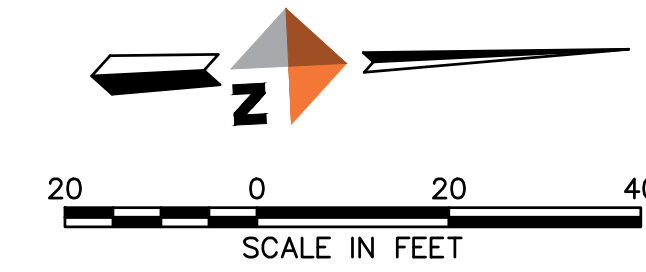


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**132ND AVENUE NE
 PEDESTRIAN IMPROVEMENTS PROJECT
 ROADWAY PAVING PLAN (SITE #1)**

SHEET	12
OF	44
SHEETS	

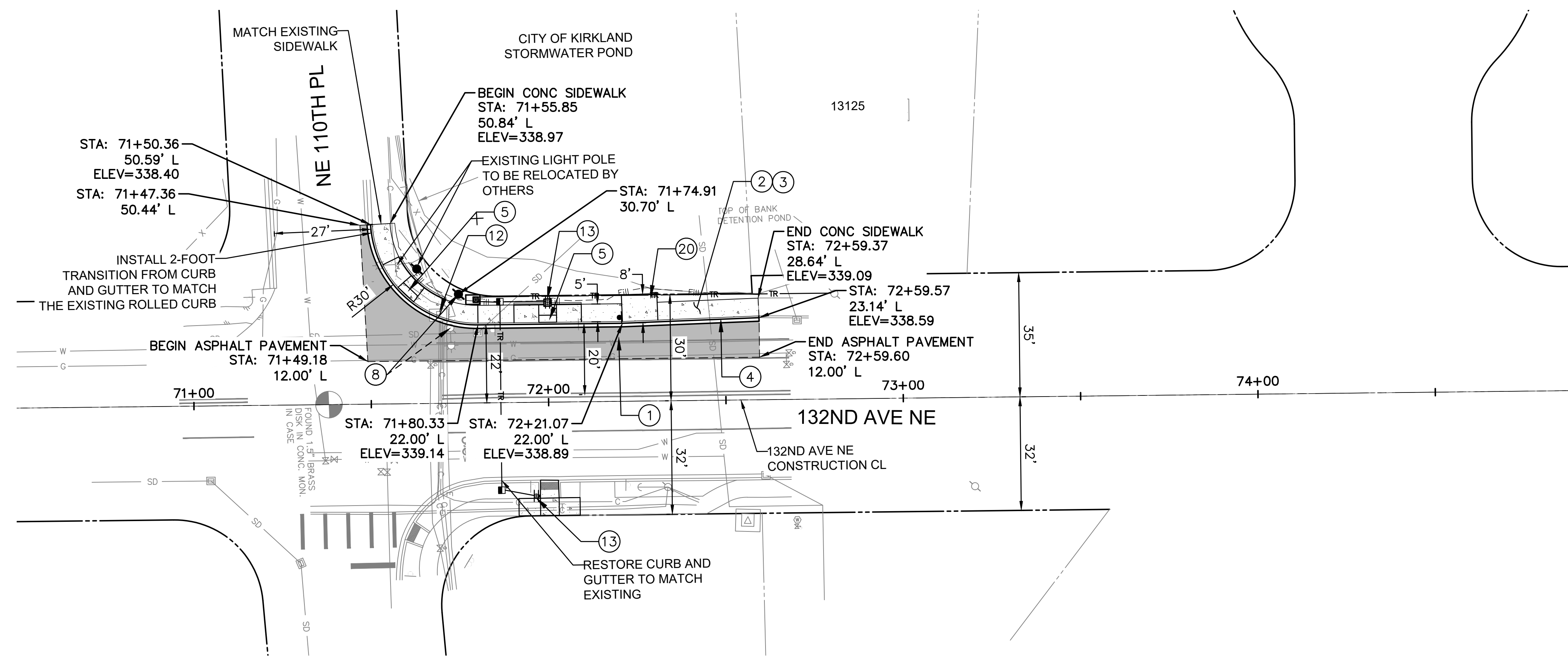


SIDEWALK CONSTRUCTION NOTES

1. CONSTRUCT ASPHALT ROADWAY PER TYPICAL SECTION SHEET 11.
2. CONSTRUCT SIDEWALK PER TYPICAL SECTION SHEET 11.
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.
6. NOT USED.
7. PROTECT EXISTING UTILITY POLE.
8. EXISTING UTILITY POLE TO BE RELOCATED BY OTHERS.
9. RELOCATE MAILBOX.
10. CONSTRUCT RETAINING WALL. SEE SHEET 27 FOR WALL PROFILE AND DETAILS.
11. CONSTRUCT CONCRETE DRIVEWAY.
12. EXISTING UTILITY FACILITY/VAULT TO BE RELOCATED BY OTHERS.
13. INSTALL RRFB ASSEMBLY.
14. REMOVE ALL EXISTING TREES WITHIN IMPROVEMENT LIMITS. EXISTING ELECTRICAL METER AND CABINET TO REMAIN.
15. REPLACE WITH NEW WATER METER BOX PER COK PLAN NO. CK-W.23.
16. INSTALL SAFETY RAILING PER SHEET 27.
17. INSTALL SPLIT RAIL FENCING PER DETAIL ON SHEET 38.
18. INSTALL CONCRETE PAD PER DETAIL ON SHEET 38.
19. INSTALL MAILBOX PER DETAIL ON SHEET 43.
20. INSTALL WIDENED SIDEWALK FOR BUS STOP (8' WIDE X 10' LONG)

LEGEND

- SD— EXISTING STORM
- W— EXISTING WATER
- G— EXISTING GAS
- TC— EXISTING COMMUNICATIONS
- SS— EXISTING SANITARY SEWER
- - - EXISTING RIGHT-OF-WAY
- [Pattern] PROPOSED CEMENT CONC SIDEWALK
- [Pattern] PROPOSED CURB & GUTTER
- [Pattern] PROPOSED ASPHALT PAVEMENT
- [Pattern] PROPOSED CUT/FILL
- [Pattern] PROPOSED STORM PIPE
- [Symbol] PROPOSED STORM STRUCTURES
- [Pattern] PROPOSED RETAINING WALL



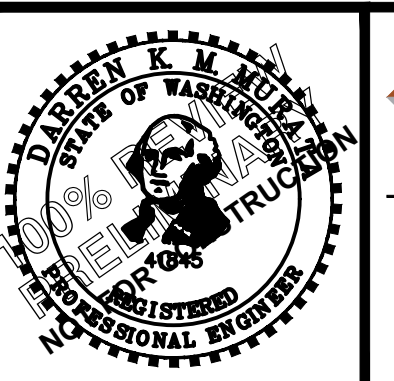
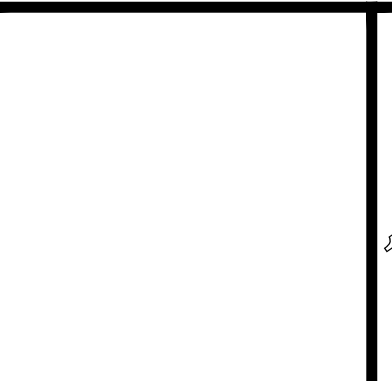
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K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
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D. MURATA	07-2024
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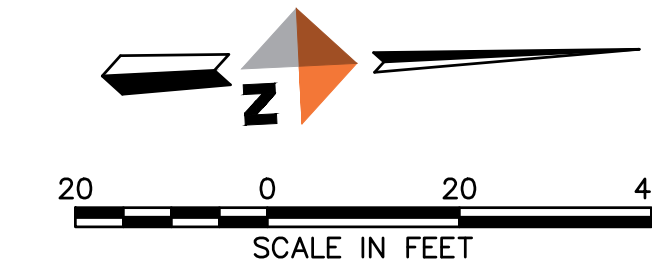


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 ROADWAY PAVING PLAN (SITE #2)**

SHEET
13
 OF
44
 SHEETS

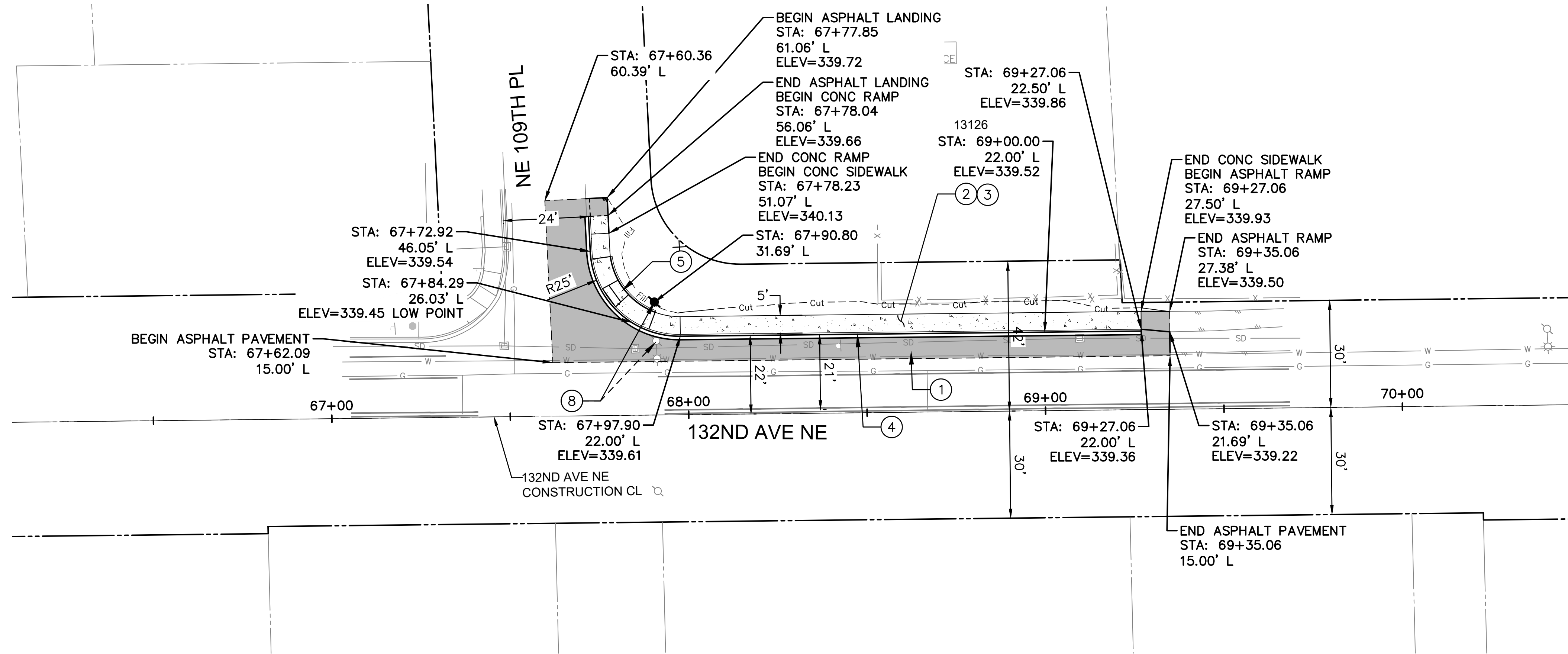


SIDEWALK CONSTRUCTION NOTES

1. CONSTRUCT ASPHALT ROADWAY PER TYPICAL SECTION SHEET 11.
2. CONSTRUCT SIDEWALK PER TYPICAL SECTION SHEET 11.
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.
6. NOT USED.
7. PROTECT EXISTING UTILITY POLE.
8. EXISTING UTILITY POLE TO BE RELOCATED BY OTHERS.
9. RELOCATE MAILBOX.
10. CONSTRUCT RETAINING WALL. SEE SHEET 27 FOR WALL PROFILE AND DETAILS.
11. CONSTRUCT CONCRETE DRIVEWAY.
12. EXISTING UTILITY FACILITY/VAULT TO BE RELOCATED BY OTHERS.
13. INSTALL RFRB ASSEMBLY.
14. REMOVE ALL EXISTING TREES WITHIN IMPROVEMENT LIMITS. EXISTING ELECTRICAL METER AND CABINET TO REMAIN.
15. REPLACE WITH NEW WATER METER BOX PER COK PLAN NO. CK-W.23.
16. INSTALL SAFETY RAILING PER SHEET 27.
17. INSTALL SPLIT RAIL FENCING PER DETAIL ON SHEET 38.
18. INSTALL CONCRETE PAD PER DETAIL ON SHEET 38.
19. INSTALL MAILBOX PER DETAIL ON SHEET 43.
20. INSTALL WIDENED SIDEWALK FOR BUS STOP (8' WIDE X 10' LONG)

LEGEND

- EXISTING STORM
- EXISTING WATER
- EXISTING GAS
- EXISTING COMMUNICATIONS
- EXISTING SANITARY SEWER
- EXISTING RIGHT-OF-WAY
- PROPOSED CEMENT CONC SIDEWALK
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CUT/FILL
- PROPOSED STORM PIPE
- PROPOSED STORM STRUCTURES
- PROPOSED RETAINING WALL



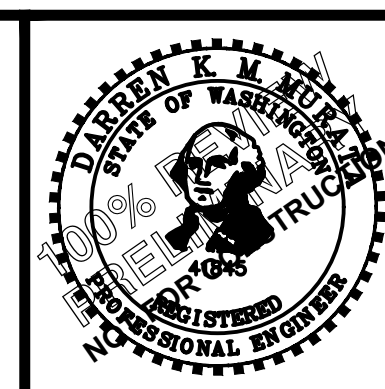
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K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
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D. MURATA	07-2024
CHECKED BY:	DATE



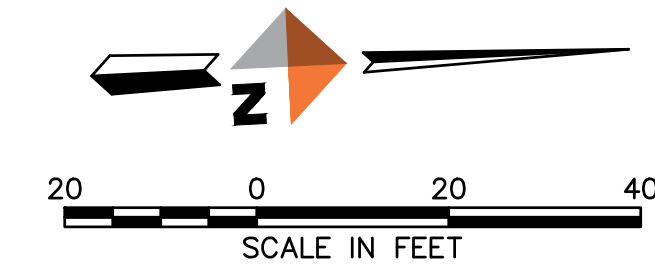
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SHEET
 14
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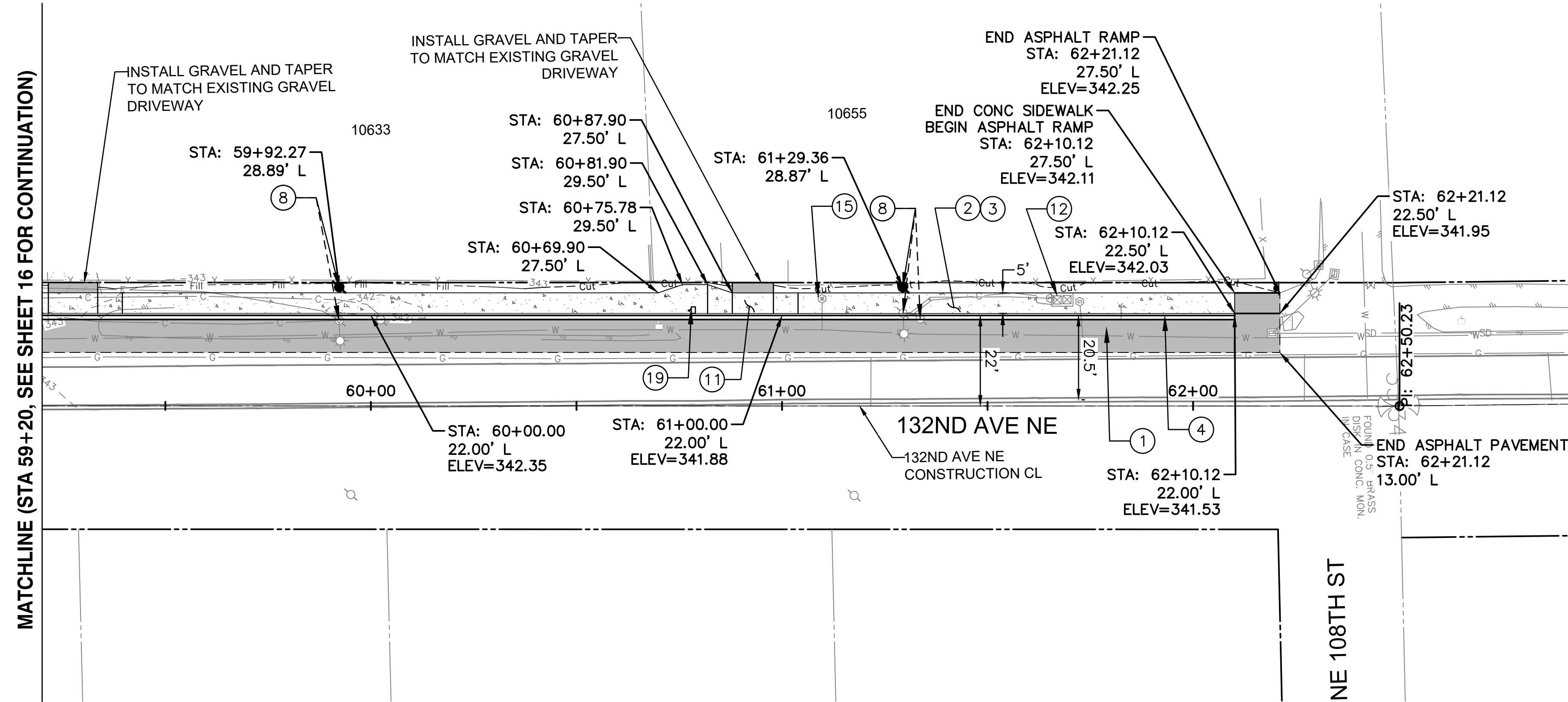


SIDEWALK CONSTRUCTION NOTES

1. CONSTRUCT ASPHALT ROADWAY PER TYPICAL SECTION SHEET 11.
2. CONSTRUCT SIDEWALK PER TYPICAL SECTION SHEET 11.
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.
6. NOT USED.
7. PROTECT EXISTING UTILITY POLE.
8. EXISTING UTILITY POLE TO BE RELOCATED BY OTHERS.
9. RELOCATE MAILBOX.
10. CONSTRUCT RETAINING WALL. SEE SHEET 27 FOR WALL PROFILE AND DETAILS.
11. CONSTRUCT CONCRETE DRIVEWAY.
12. EXISTING UTILITY FACILITY/VAULT TO BE RELOCATED BY OTHERS.
13. INSTALL RRFB ASSEMBLY.
14. REMOVE ALL EXISTING TREES WITHIN IMPROVEMENT LIMITS. EXISTING ELECTRICAL METER AND CABINET TO REMAIN.
15. REPLACE WITH NEW WATER METER BOX PER COK PLAN NO. CK-W.23.
16. INSTALL SAFETY RAILING PER SHEET 27.
17. INSTALL SPLIT RAIL FENCING PER DETAIL ON SHEET 38.
18. INSTALL CONCRETE PAD PER DETAIL ON SHEET 38.
19. INSTALL MAILBOX PER DETAIL ON SHEET 43.
20. INSTALL WIDENED SIDEWALK FOR BUS STOP (8' WIDE X 10' LONG)

LEGEND

- SD EXISTING STORM
- W EXISTING WATER
- G EXISTING GAS
- TC EXISTING COMMUNICATIONS
- SS EXISTING SANITARY SEWER
- EXISTING RIGHT-OF-WAY
- [Symbol] PROPOSED CEMENT CONC SIDEWALK
- [Symbol] PROPOSED CURB & GUTTER
- [Symbol] PROPOSED ASPHALT PAVEMENT
- [Symbol] PROPOSED CUT/FILL
- [Symbol] PROPOSED STORM PIPE
- [Symbol] PROPOSED STORM STRUCTURES
- [Symbol] PROPOSED RETAINING WALL



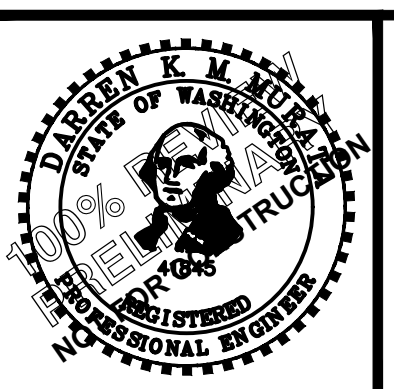
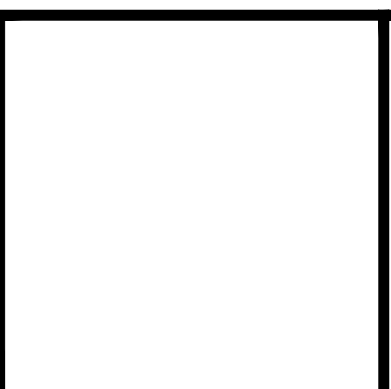
MATCHLINE (STA 59+20, SEE SHEET 16 FOR CONTINUATION)

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K. EAGLE	05-2024
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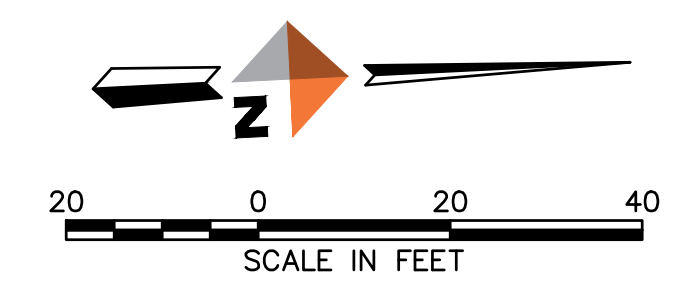
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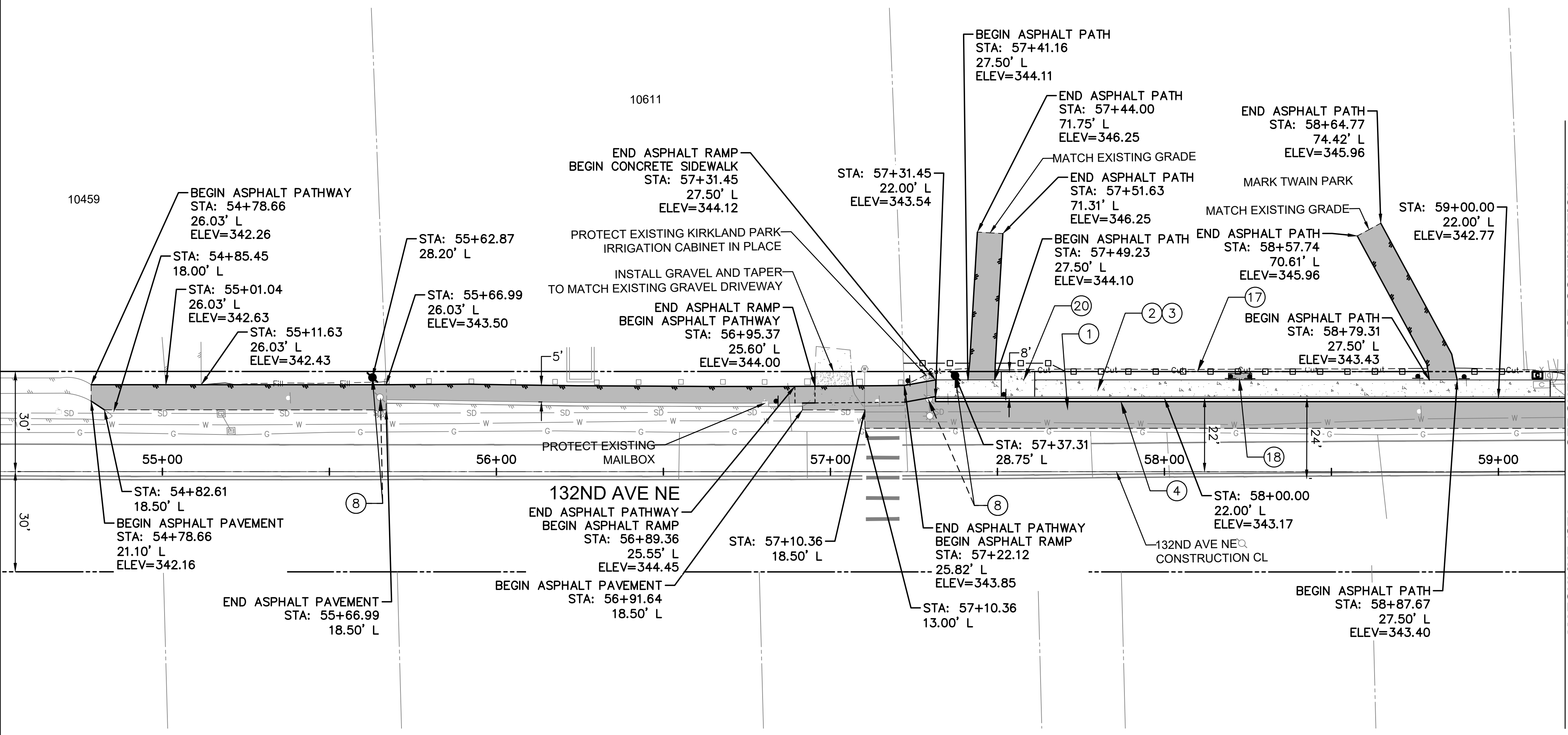
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 ROADWAY PAVING PLAN (SITE #4)**

SHEET	15
OF	44
SHEETS	

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- # **SIDEWALK CONSTRUCTION NOTES**
1. CONSTRUCT ASPHALT ROADWAY PER TYPICAL SECTION SHEET 11.
 2. CONSTRUCT SIDEWALK PER TYPICAL SECTION SHEET 11.
 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.
 6. NOT USED.
 7. PROTECT EXISTING UTILITY POLE.
 8. EXISTING UTILITY POLE TO BE RELOCATED BY OTHERS.
 9. RELOCATE MAILBOX.
 10. CONSTRUCT RETAINING WALL. SEE SHEET 27 FOR WALL PROFILE AND DETAILS.
 11. CONSTRUCT CONCRETE DRIVEWAY.
 12. EXISTING UTILITY FACILITY/VAULT TO BE RELOCATED BY OTHERS.
 13. INSTALL RRFB ASSEMBLY.
 14. REMOVE ALL EXISTING TREES WITHIN IMPROVEMENT LIMITS. EXISTING ELECTRICAL METER AND CABINET TO REMAIN.
 15. REPLACE WITH NEW WATER METER BOX PER COK PLAN NO. CK-W.23.
 16. INSTALL SAFETY RAILING PER SHEET 27.
 17. INSTALL SPLIT RAIL FENCING PER DETAIL ON SHEET 38.
 18. INSTALL CONCRETE PAD PER DETAIL ON SHEET 38.
 19. INSTALL MAILBOX PER DETAIL ON SHEET 43.
 20. INSTALL WIDENED SIDEWALK FOR BUS STOP (8' WIDE X 10' LONG)



MATCHLINE (STA 59+20, SEE SHEET 15 FOR CONTINUATION)

LEGEND

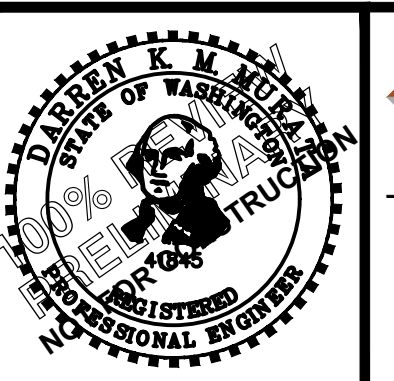
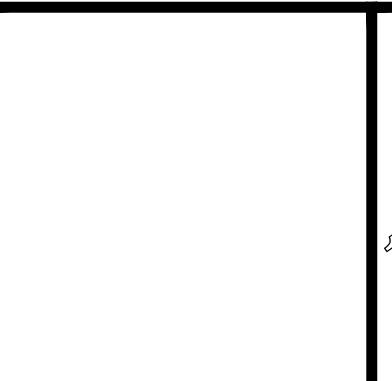
	EXISTING STORM
	EXISTING WATER
	EXISTING GAS
	EXISTING COMMUNICATIONS
	EXISTING SANITARY SEWER
	EXISTING RIGHT-OF-WAY
	PROPOSED CEMENT CONC SIDEWALK
	PROPOSED CURB & GUTTER
	PROPOSED ASPHALT PAVEMENT
	PROPOSED CUT/FILL
	PROPOSED STORM PIPE
	PROPOSED STORM STRUCTURES
	PROPOSED RETAINING WALL

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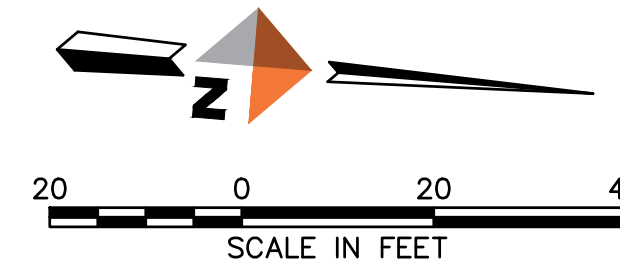


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 ROADWAY PAVING PLAN (SITE #5)**

SHEET
 16
 OF
 44
 SHEETS

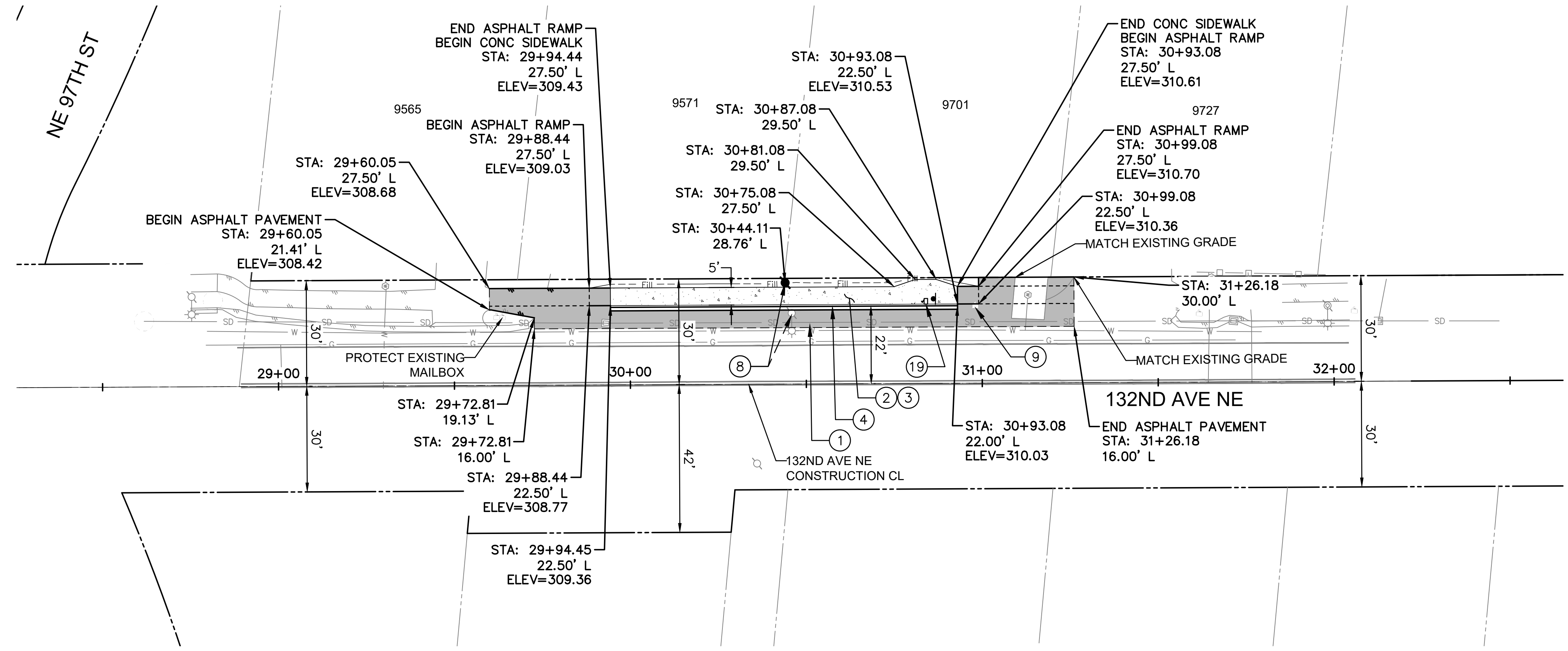


SIDEWALK CONSTRUCTION NOTES

1. CONSTRUCT ASPHALT ROADWAY PER TYPICAL SECTION SHEET 11.
2. CONSTRUCT SIDEWALK PER TYPICAL SECTION SHEET 11.
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.
6. NOT USED.
7. PROTECT EXISTING UTILITY POLE.
8. EXISTING UTILITY POLE TO BE RELOCATED BY OTHERS.
9. RELOCATE MAILBOX.
10. CONSTRUCT RETAINING WALL. SEE SHEET 27 FOR WALL PROFILE AND DETAILS.
11. CONSTRUCT CONCRETE DRIVEWAY.
12. EXISTING UTILITY FACILITY/VAULT TO BE RELOCATED BY OTHERS.
13. INSTALL RRFB ASSEMBLY.
14. REMOVE ALL EXISTING TREES WITHIN IMPROVEMENT LIMITS. EXISTING ELECTRICAL METER AND CABINET TO REMAIN.
15. REPLACE WITH NEW WATER METER BOX PER COK PLAN NO. CK-W.23.
16. INSTALL SAFETY RAILING PER SHEET 27.
17. INSTALL SPLIT RAIL FENCING PER DETAIL ON SHEET 38.
18. INSTALL CONCRETE PAD PER DETAIL ON SHEET 38.
19. INSTALL MAILBOX PER DETAIL ON SHEET 43.
20. INSTALL WIDENED SIDEWALK FOR BUS STOP (8' WIDE X 10' LONG)

LEGEND

- EXISTING STORM
- EXISTING WATER
- EXISTING GAS
- EXISTING COMMUNICATIONS
- EXISTING SANITARY SEWER
- EXISTING RIGHT-OF-WAY
- PROPOSED CEMENT CONC SIDEWALK
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CUT/FILL
- PROPOSED STORM PIPE
- PROPOSED STORM STRUCTURES
- PROPOSED RETAINING WALL



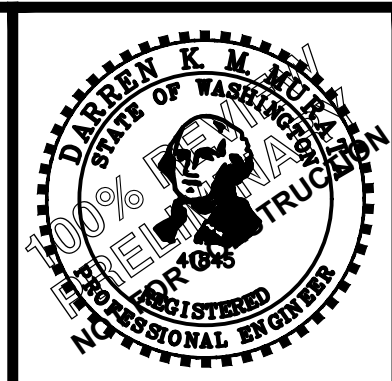
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K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
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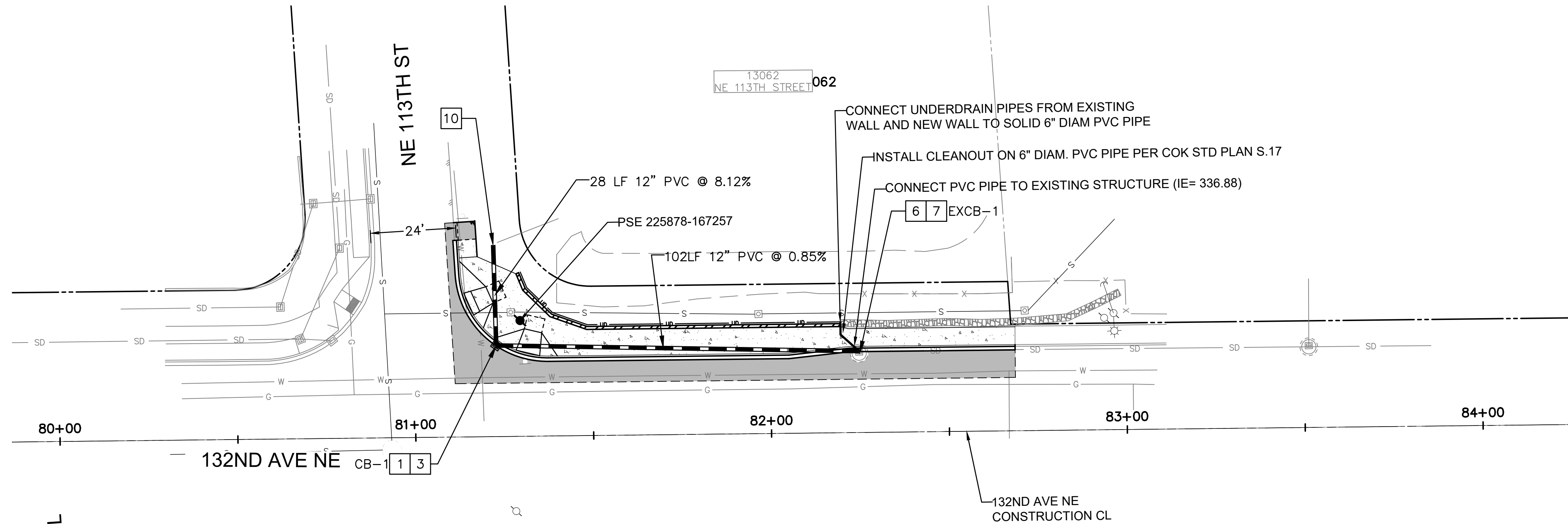
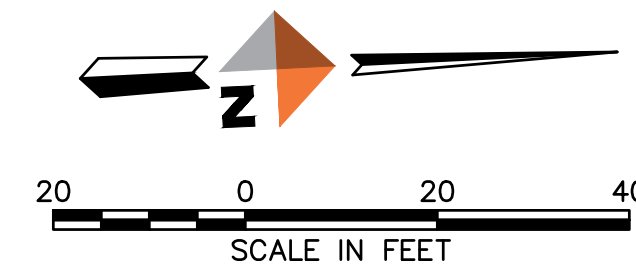
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SHEET
 17
 OF
 44
 SHEETS

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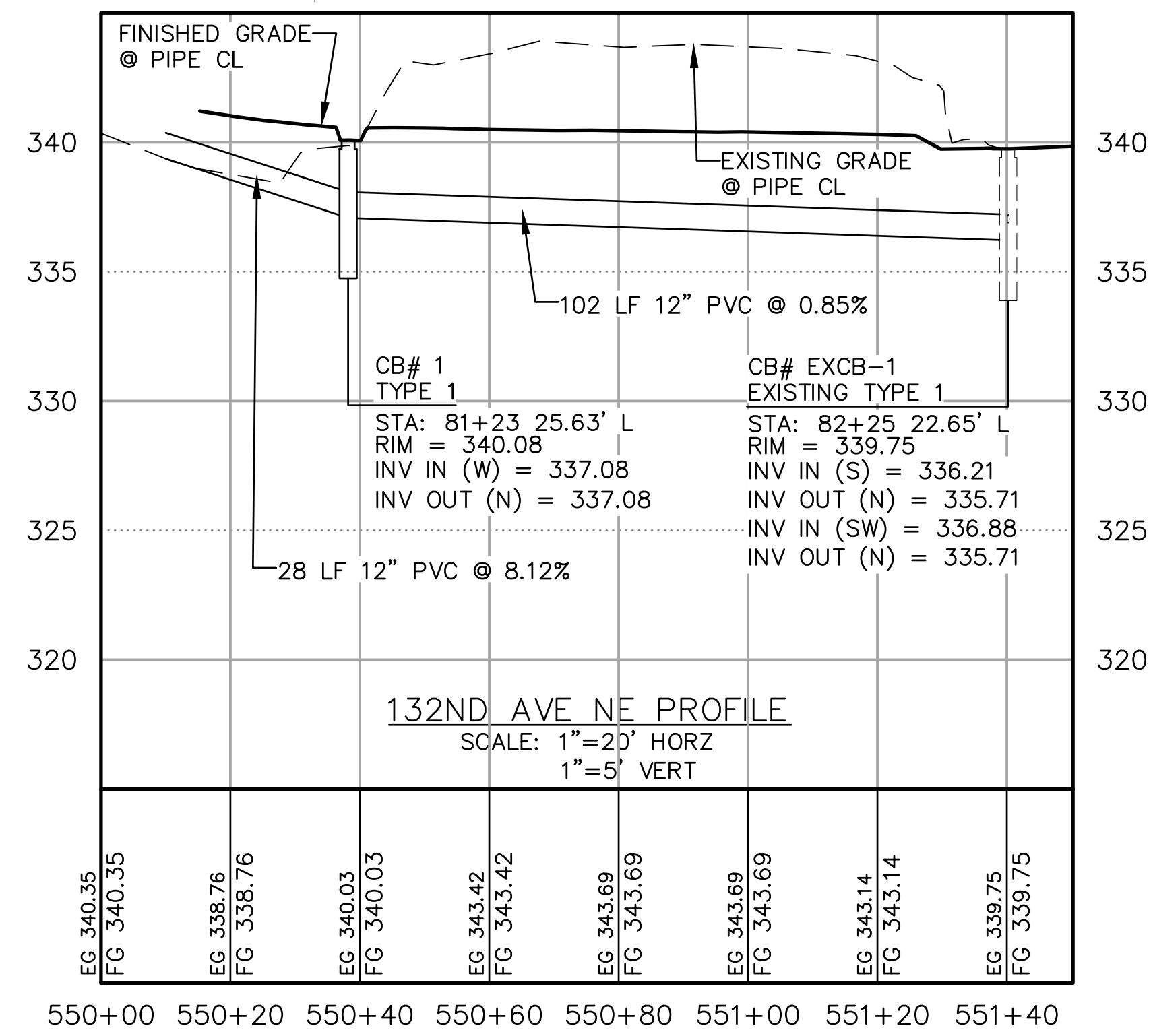


STORM DRAINAGE NOTES

1. INSTALL CATCH BASIN TYPE 1 PER COK PLAN NO. CK-D.07
2. INSTALL THROUGH-CURB INLET FRAME AND GRATE PER COK PLAN NO. CK-D.16
3. INSTALL VANED GRATE PER COK PLAN NO. CK-D.14
4. INSTALL SOLID LOCKING METAL COVER PER COK PLAN NO. CK-D.18
5. CONNECT TO EXISTING PIPE
6. CONNECT TO EXISTING STRUCTURE
7. ADJUST TO GRADE
8. INSTALL CATCH BASIN TYPE 2-48" PER COK PLAN NO. CK-D.09
9. REPLACE EXISTING FRAME AND GRATE WITH SOLID LOCKING METAL FRAME AND COVER PER DETAIL ON SHEET 41
10. INSTALL DEBRIS BARRIER ON PIPE END PER COK PLAN NO. CK-D.27

LEGEND

- EXISTING STORM
- EXISTING WATER
- EXISTING GAS
- EXISTING COMMUNICATIONS
- EXISTING SANITARY SEWER
- EXISTING RIGHT-OF-WAY
- PROPOSED CEMENT CONC SIDEWALK
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CUT/FILL
- PROPOSED STORM PIPE
- PROPOSED STORM STRUCTURES
- PROPOSED RETAINING WALL

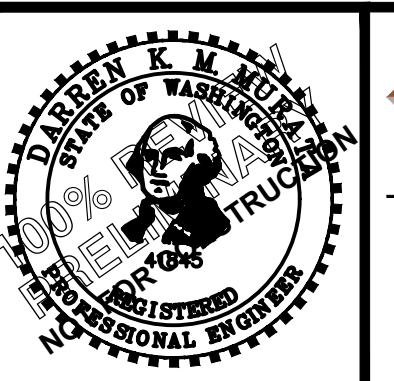
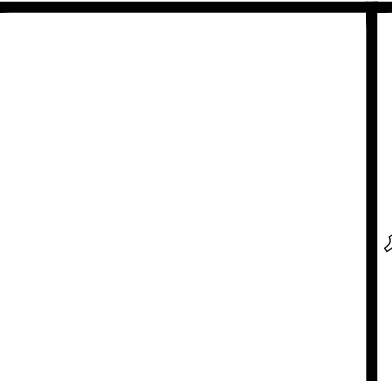


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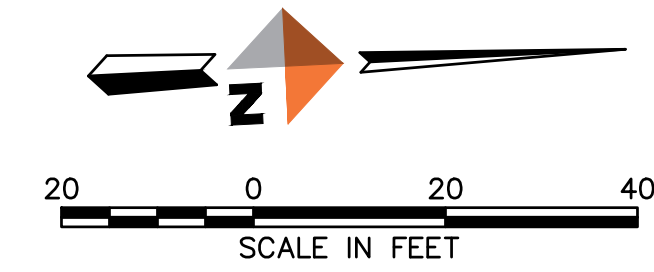
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**132ND AVENUE NE
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 DRAINAGE PLAN AND PROFILE
 (SITE #1)**

SHEET
 18
 OF
 44
 SHEETS

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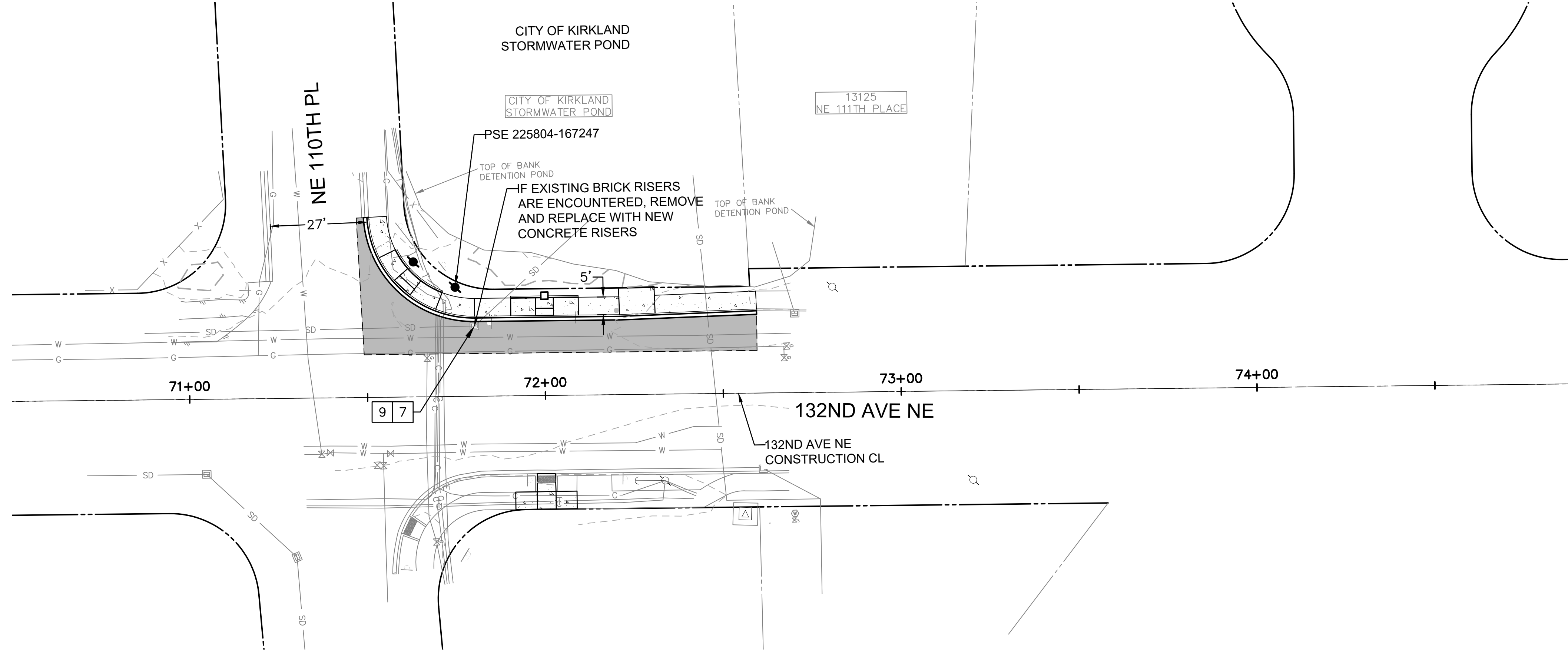


STORM DRAINAGE NOTES

1. INSTALL CATCH BASIN TYPE 1 PER COK PLAN NO. CK-D.07
2. INSTALL THROUGH-CURB INLET FRAME AND GRATE PER COK PLAN NO. CK-D.16
3. INSTALL VANED GRATE PER COK PLAN NO. CK-D.14
4. INSTALL SOLID LOCKING METAL COVER PER COK PLAN NO. CK-D.18
5. CONNECT TO EXISTING PIPE
6. CONNECT TO EXISTING STRUCTURE
7. ADJUST TO GRADE
8. INSTALL CATCH BASIN TYPE 2-48" PER COK PLAN NO. CK-D.09
9. REPLACE EXISTING FRAME AND GRATE WITH SOLID LOCKING METAL FRAME AND COVER PER DETAIL ON SHEET 41
10. INSTALL DEBRIS BARRIER ON PIPE END PER COK PLAN NO. CK-D.27

LEGEND

- SD— EXISTING STORM
- W— EXISTING WATER
- G— EXISTING GAS
- TC— EXISTING COMMUNICATIONS
- SS— EXISTING SANITARY SEWER
- - - - EXISTING RIGHT-OF-WAY
- [Symbol] PROPOSED CEMENT CONC SIDEWALK
- [Symbol] PROPOSED CURB & GUTTER
- [Symbol] PROPOSED ASPHALT PAVEMENT
- [Symbol] PROPOSED CUT/FILL
- [Symbol] PROPOSED STORM PIPE
- [Symbol] PROPOSED STORM STRUCTURES
- [Symbol] PROPOSED RETAINING WALL

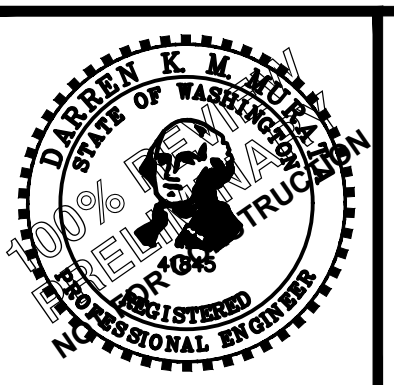
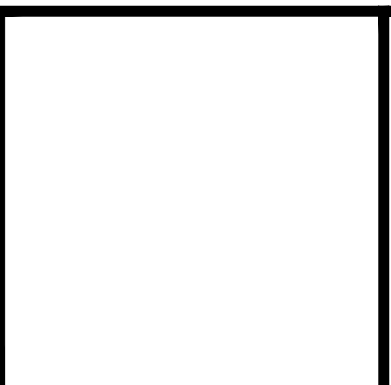


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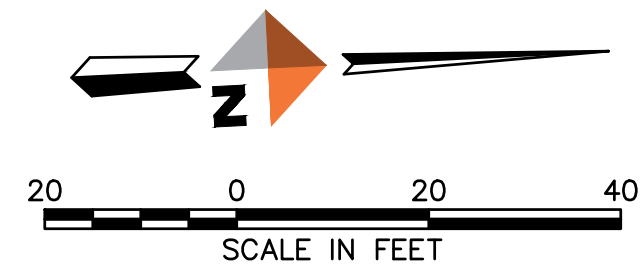
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 DRAINAGE PLAN AND PROFILE
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SHEET
 19
 OF
 44
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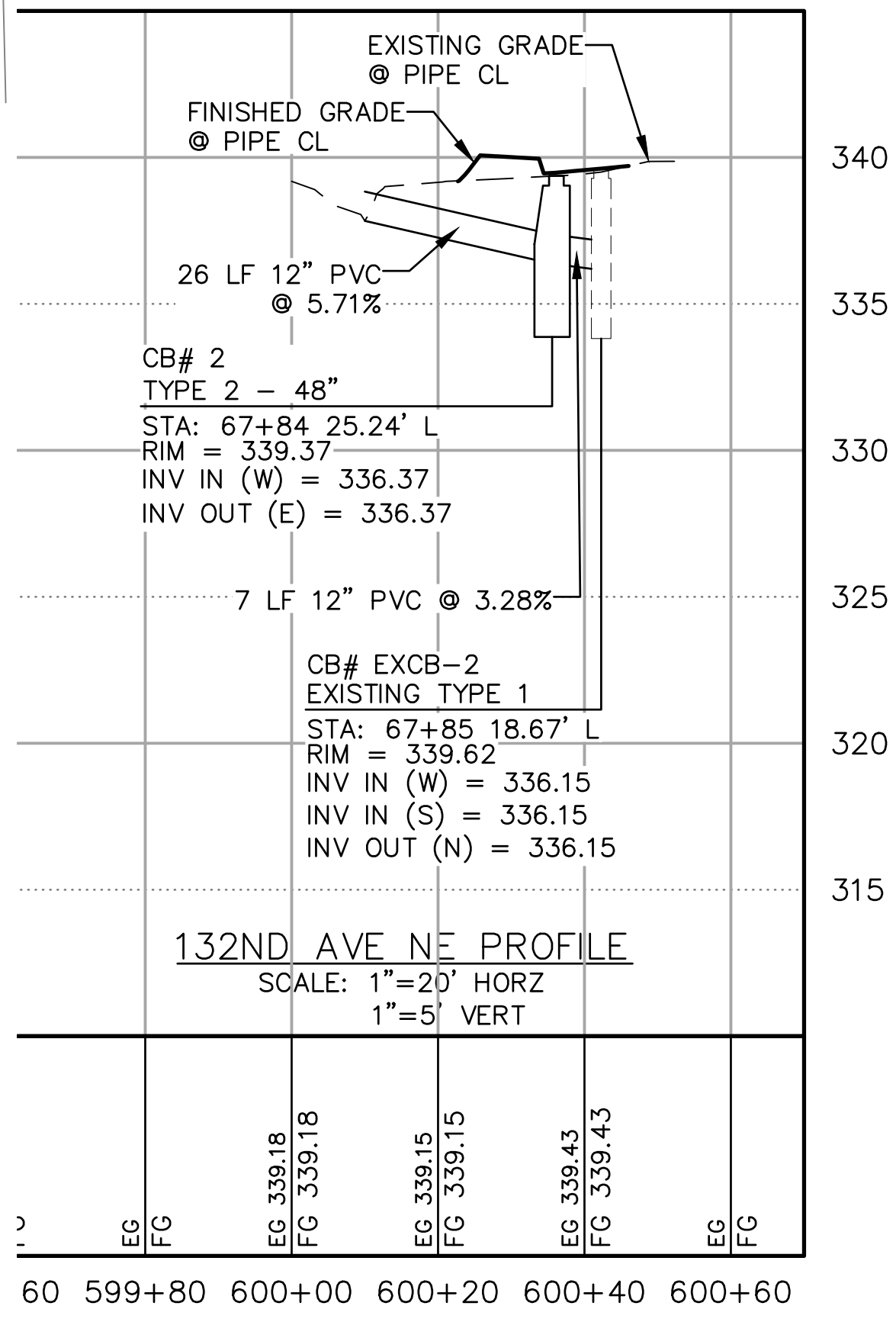
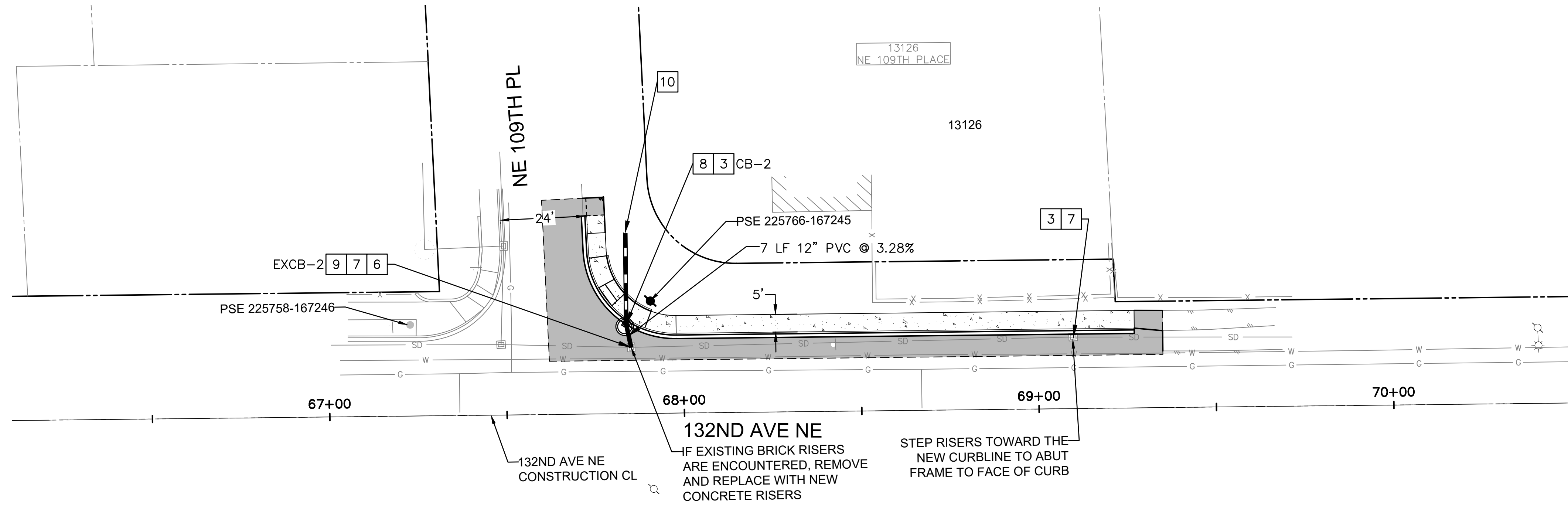


STORM DRAINAGE NOTES

1. INSTALL CATCH BASIN TYPE 1 PER COK PLAN NO. CK-D.07
2. INSTALL THROUGH-CURB INLET FRAME AND GRATE PER COK PLAN NO. CK-D.16
3. INSTALL VANED GRATE PER COK PLAN NO. CK-D.14
4. INSTALL SOLID LOCKING METAL COVER PER COK PLAN NO. CK-D.18
5. CONNECT TO EXISTING PIPE
6. CONNECT TO EXISTING STRUCTURE
7. ADJUST TO GRADE
8. INSTALL CATCH BASIN TYPE 2-48" PER COK PLAN NO. CK-D.09
9. REPLACE EXISTING FRAME AND GRATE WITH SOLID LOCKING METAL FRAME AND COVER PER DETAIL ON SHEET 41
10. INSTALL DEBRIS BARRIER ON PIPE END PER COK PLAN NO. CK-D.27

LEGEND

- EXISTING STORM
- EXISTING WATER
- EXISTING GAS
- EXISTING COMMUNICATIONS
- EXISTING SANITARY SEWER
- EXISTING RIGHT-OF-WAY
- PROPOSED CEMENT CONC SIDEWALK
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CUT/FILL
- PROPOSED STORM PIPE
- PROPOSED STORM STRUCTURES
- PROPOSED RETAINING WALL

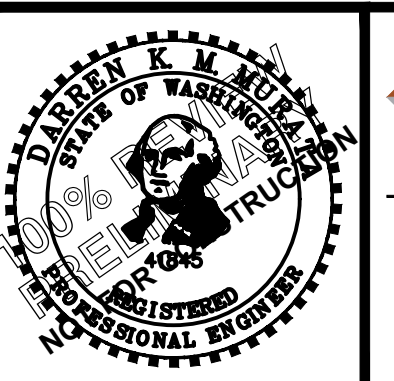
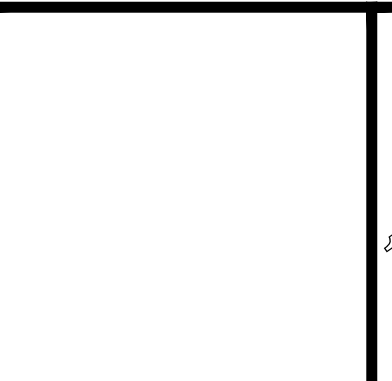


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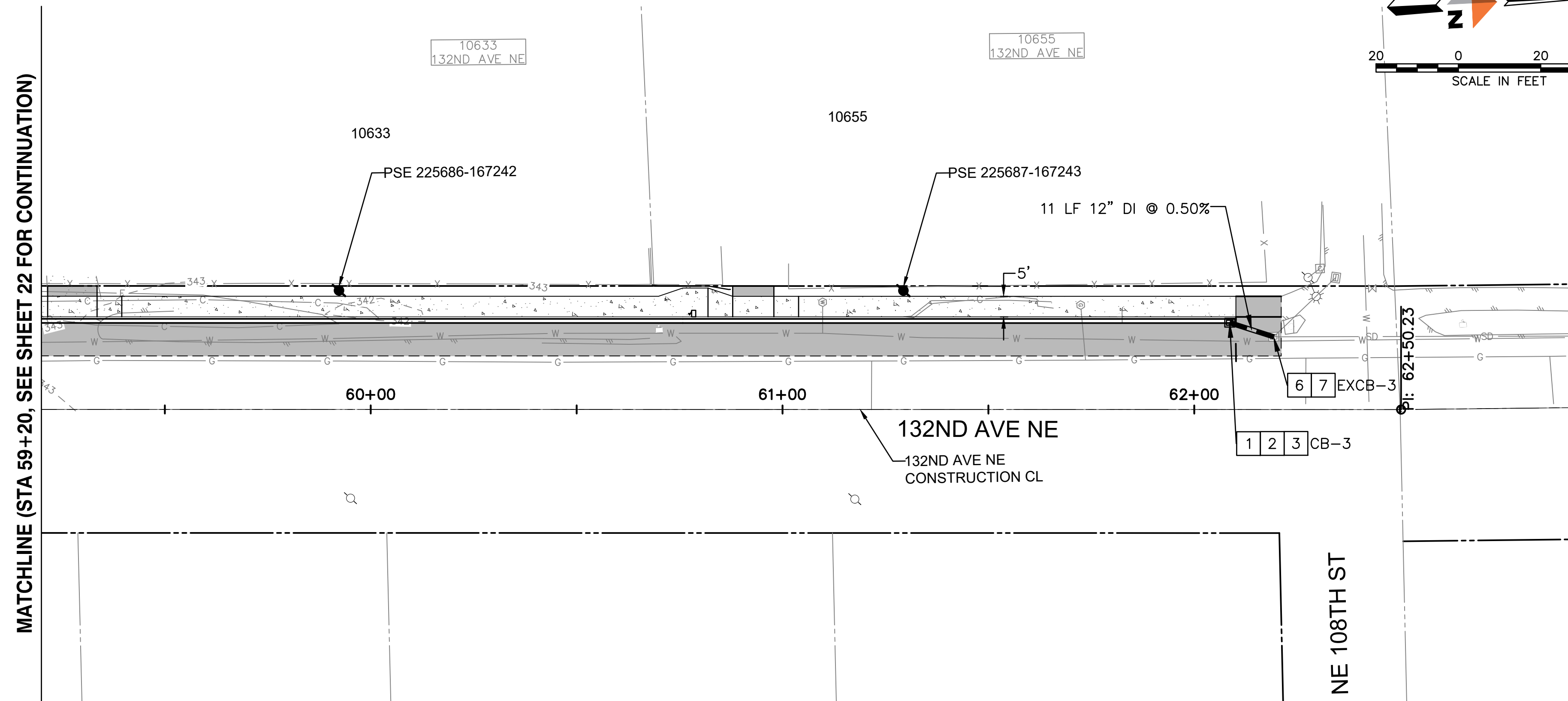
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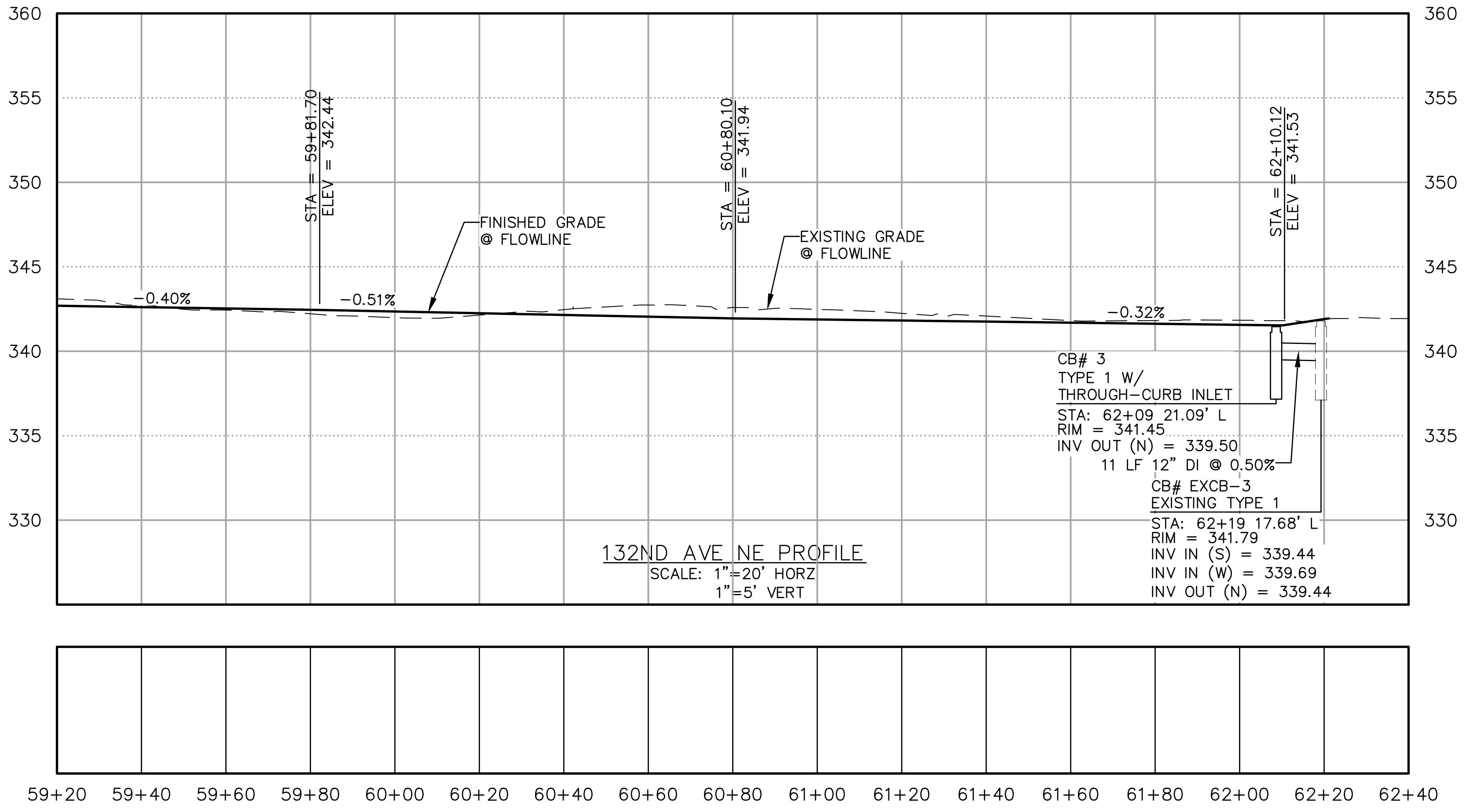


STORM DRAINAGE NOTES

1. INSTALL CATCH BASIN TYPE 1 PER COK PLAN NO. CK-D.07
2. INSTALL THROUGH-CURB INLET FRAME AND GRATE PER COK PLAN NO. CK-D.16
3. INSTALL VANED GRATE PER COK PLAN NO. CK-D.14
4. INSTALL SOLID LOCKING METAL COVER PER COK PLAN NO. CK-D.18
5. CONNECT TO EXISTING PIPE
6. CONNECT TO EXISTING STRUCTURE
7. ADJUST TO GRADE
8. INSTALL CATCH BASIN TYPE 2-48" PER COK PLAN NO. CK-D.09
9. REPLACE EXISTING FRAME AND GRATE WITH SOLID LOCKING METAL FRAME AND COVER PER DETAIL ON SHEET 41
10. INSTALL DEBRIS BARRIER ON PIPE END PER COK PLAN NO. CK-D.27

LEGEND

- SD EXISTING STORM
- W EXISTING WATER
- G EXISTING GAS
- TC EXISTING COMMUNICATIONS
- SS EXISTING SANITARY SEWER
- EXISTING RIGHT-OF-WAY
- PROPOSED CEMENT CONC SIDEWALK
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT PAVEMENT
- Cut Fill PROPOSED CUT/FILL
- PROPOSED STORM PIPE
- PROPOSED STORM STRUCTURES
- PROPOSED RETAINING WALL



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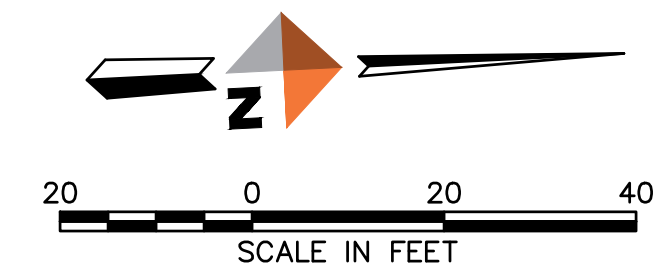
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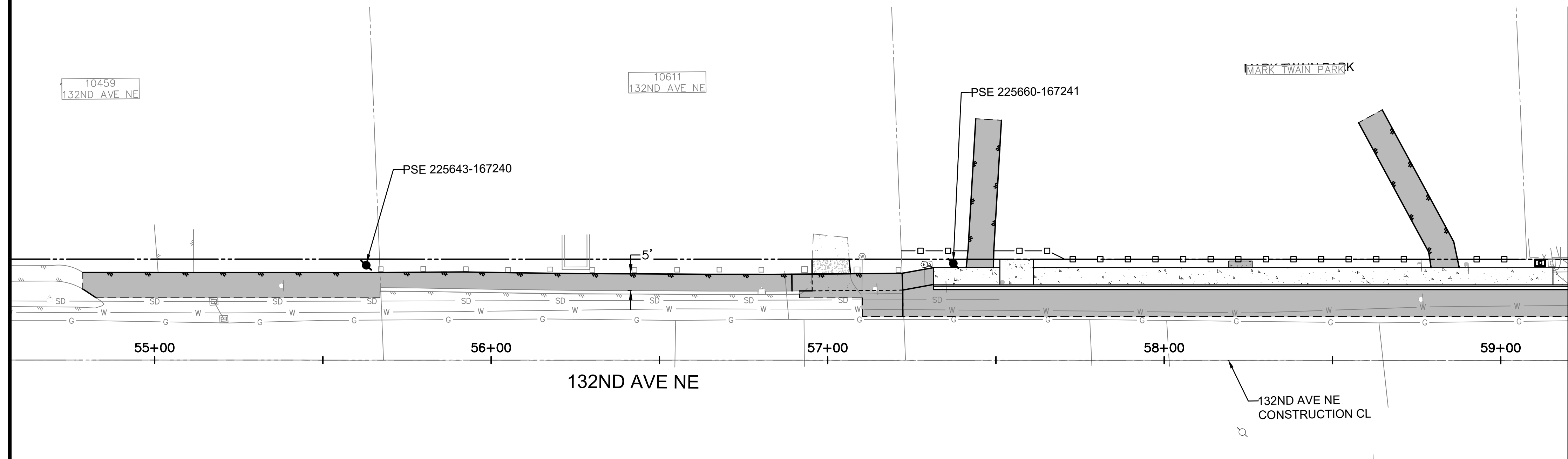
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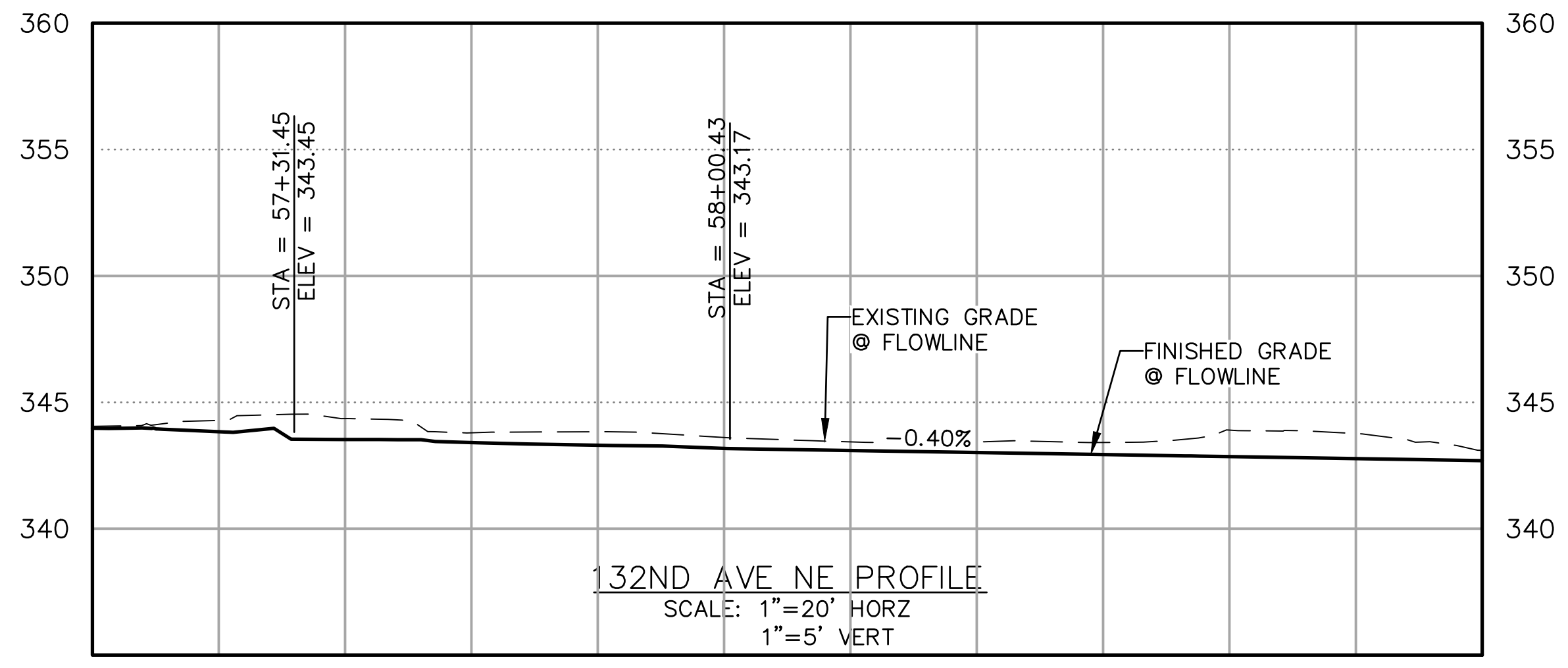
- # STORM DRAINAGE NOTES**
1. INSTALL CATCH BASIN TYPE 1 PER COK PLAN NO. CK-D.07
 2. INSTALL THROUGH-CURB INLET FRAME AND GRATE PER COK PLAN NO. CK-D.16
 3. INSTALL VANED GRATE PER COK PLAN NO. CK-D.14
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 10. INSTALL DEBRIS BARRIER ON PIPE END PER COK PLAN NO. CK-D.27



MATCHLINE (STA 59+20, SEE SHEET 21 FOR CONTINUATION)

LEGEND

	EXISTING STORM
	EXISTING WATER
	EXISTING GAS
	EXISTING COMMUNICATIONS
	EXISTING SANITARY SEWER
	EXISTING RIGHT-OF-WAY
	PROPOSED CEMENT CONC SIDEWALK
	PROPOSED CURB & GUTTER
	PROPOSED ASPHALT PAVEMENT
	PROPOSED CUT/FILL
	PROPOSED STORM PIPE
	PROPOSED STORM STRUCTURES
	PROPOSED RETAINING WALL

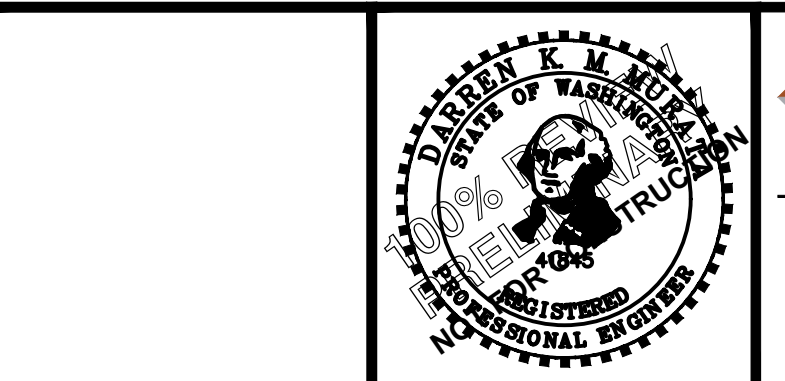


57+00	57+20	57+40	57+60	57+80	58+00	58+20	58+40	58+60	58+80	59+00	59+20
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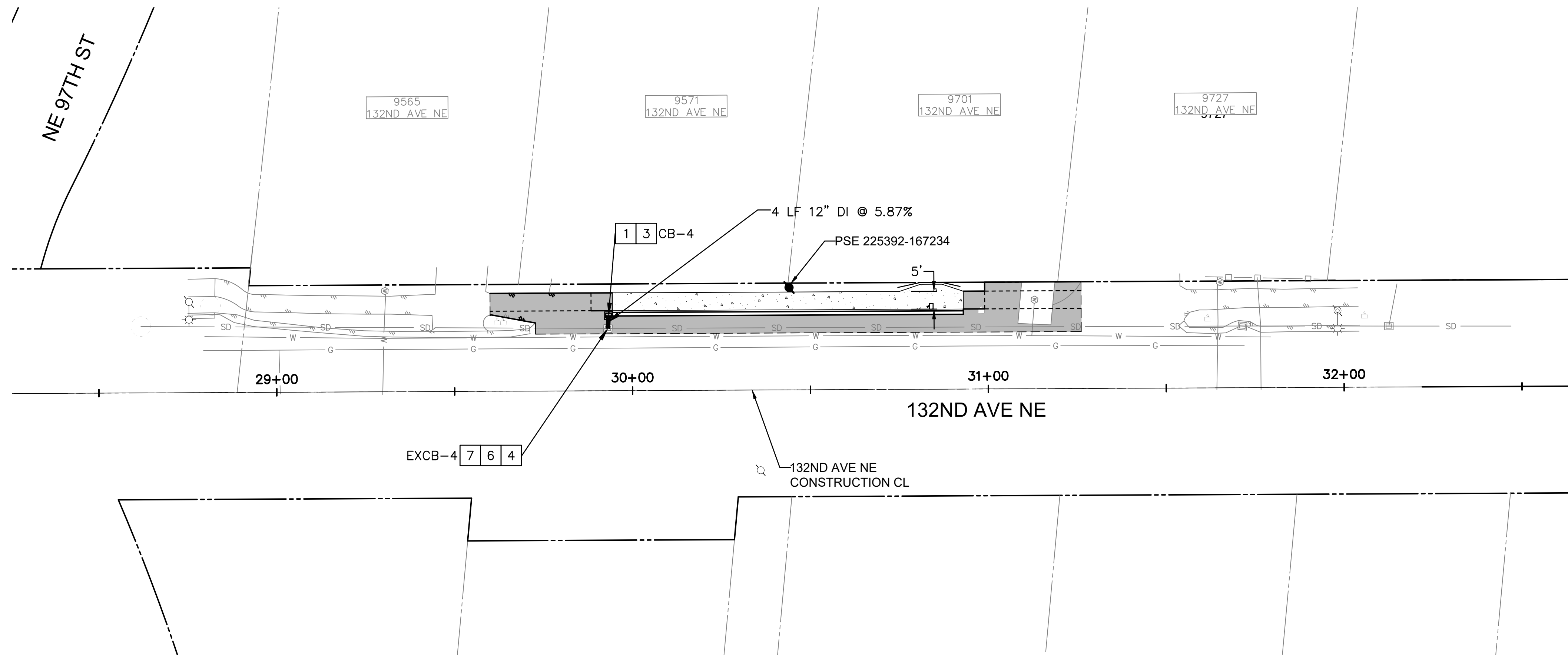
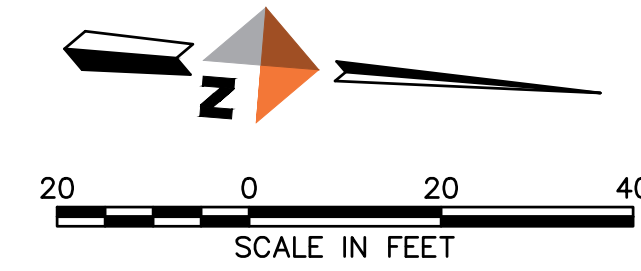


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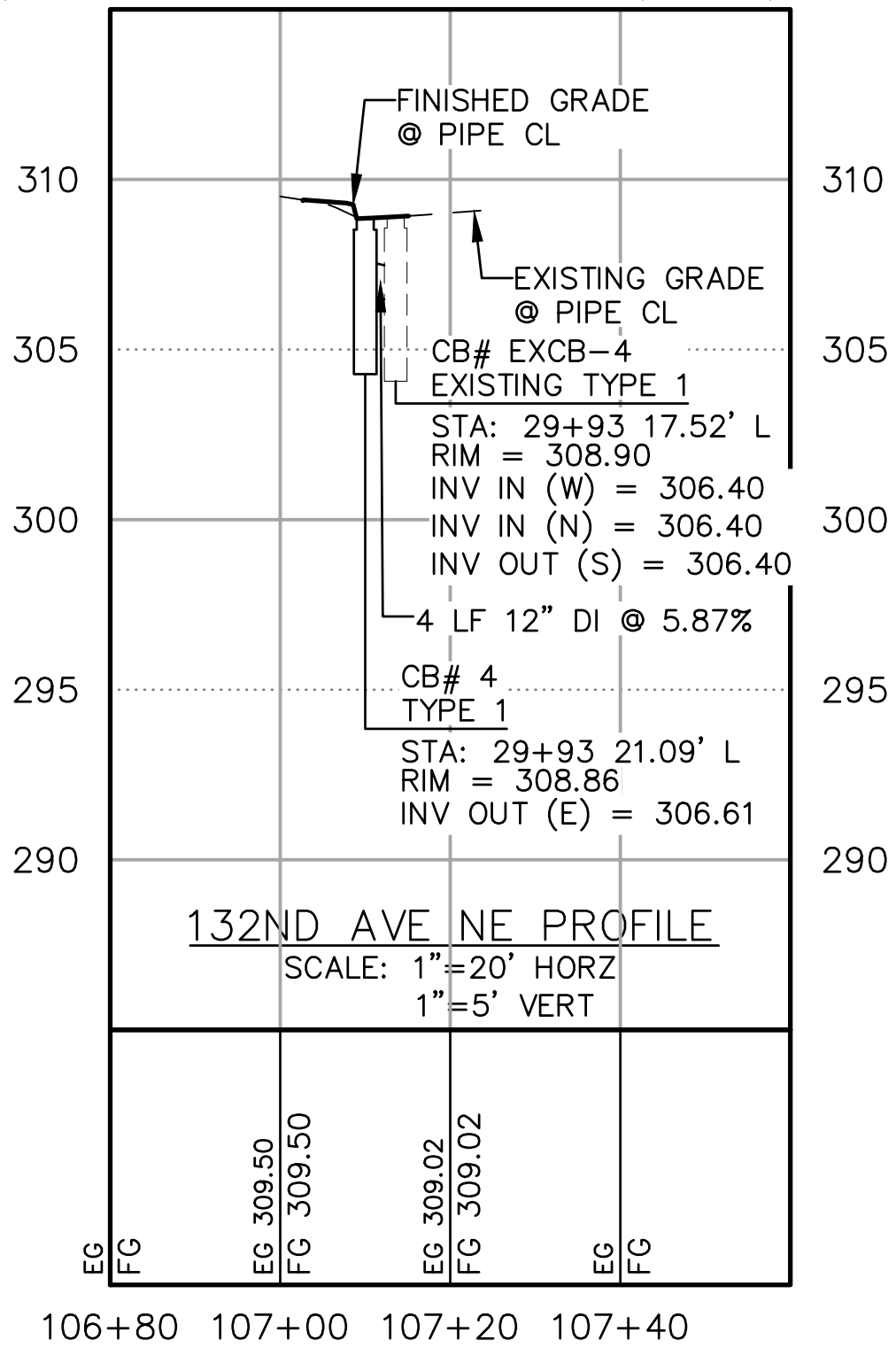


STORM DRAINAGE NOTES

1. INSTALL CATCH BASIN TYPE 1 PER COK PLAN NO. CK-D.07
2. INSTALL THROUGH-CURB INLET FRAME AND GRATE PER COK PLAN NO. CK-D.16
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5. CONNECT TO EXISTING PIPE
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9. REPLACE EXISTING FRAME AND GRATE WITH SOLID LOCKING METAL FRAME AND COVER PER DETAIL ON SHEET 41
10. INSTALL DEBRIS BARRIER ON PIPE END PER COK PLAN NO. CK-D.27

LEGEND

- EXISTING STORM
- EXISTING WATER
- EXISTING GAS
- EXISTING COMMUNICATIONS
- EXISTING SANITARY SEWER
- EXISTING RIGHT-OF-WAY
- PROPOSED CEMENT CONC SIDEWALK
- PROPOSED CURB & GUTTER
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CUT/FILL
- PROPOSED STORM PIPE
- PROPOSED STORM STRUCTURES
- PROPOSED RETAINING WALL

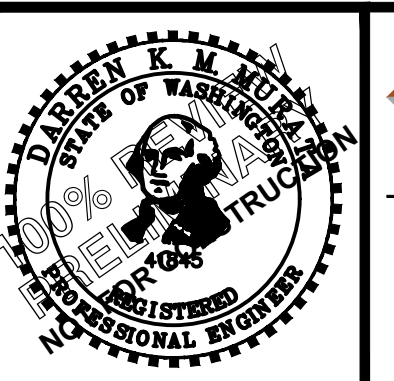
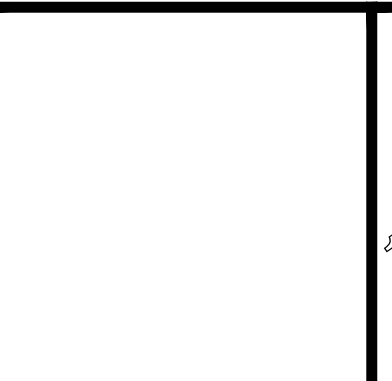


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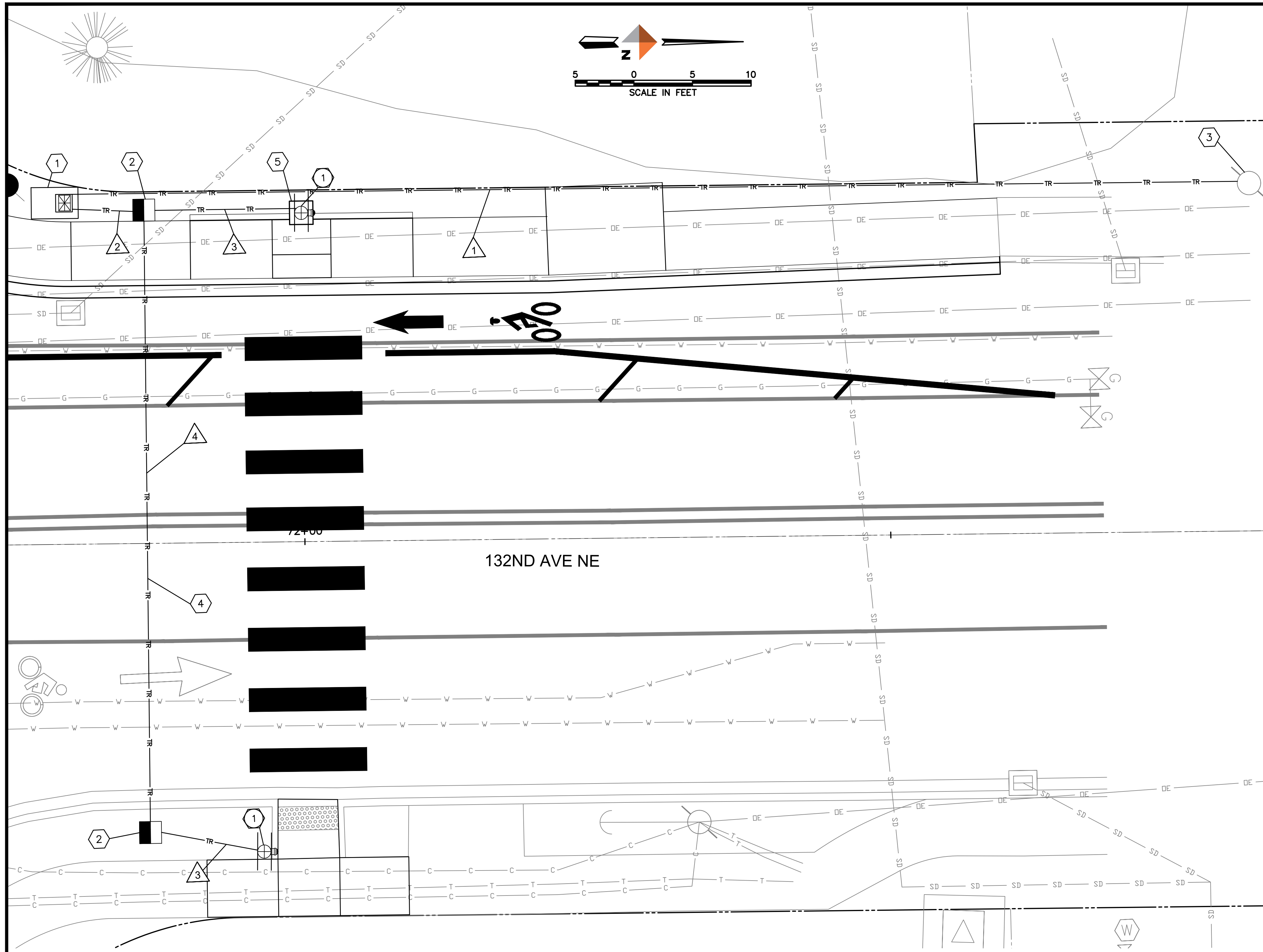
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GENERAL NOTES

1. 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.
2. ALL WIRING MUST BE CLEARLY LABELED.
3. 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.
4. 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

1. INSTALL ALUMINUM PIPE SIGNAL POLE ON FOUNDATION WITH ONE (1) ACCESSIBLE PPB STATION, (2) RRFB LIGHT BARS, CONTROL CABINET, AND ALL OTHER ASSOCIATED MOUNTING AND HARDWARE PER CONTRACT DETAILS AND SPECIFICATIONS. SEE SPECIFICATIONS FOR INSPECTION REQUIREMENTS.

CONSTRUCTION NOTES

1. INSTALL SERVICE CABINET AND FOUNDATION IN ACCORDANCE WITH CITY OF KIRKLAND PRE-APPROVED PLANS CK-TS.10 AND CK-TS.11.
2. INSTALL TYPE 2 JUNCTION BOX PER WSDOT STD. PLAN J-40.10-04.
3. 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.
4. INSTALL CONDUIT BY TRENCHING OR BORING.
5. INSTALL POLE FOUNDATION IN PER WSDOT STANDARD PLAN J-20.11-03.

WIRING SCHEDULE			
Symbol	CONDUIT SIZE	CONDUCTORS	COMMENTS
1	2"	3-#2	SERVICE
		1-#8	GROUND
		4-#8	PPB
2	2"	8-OPTI CABLE	RRFB
		1-#8	GROUND
	2"	PULL CORD	PULL CORD
		2-#8	PPB
3	2"	4-OPTI CABLE	RRFB
		1-#8	GROUND
	2"	PULL CORD	PULL CORD
		2-#8	PPB
4	3"	4-OPTI CABLE	RRFB
		1-#8	GROUND
	2"	PULL CORD	PULL CORD
		PULL CORD	PULL CORD

CONDUCTOR NOTES

1. CONDUIT SHALL BE SCHEDULE 80 PVC UNDER ROAD CROSSINGS. CONDUIT SCHEDULE 40 PVC IS ACCEPTABLE IN ALL OTHER LOCATIONS.
2. #2= SINGLE CONDUCTOR NO. 2 AWG, TYPE USE INSULATION, WSDOT SPEC 9-29.3(1) (APPROX AREA 0.05 SQ IN).
3. #8= SINGLE CONDUCTOR NO. 6 AWG, TYPE USE INSULATION, WSDOT SPEC 9-29.3(1) (APPROX AREA 0.01 SQ IN).
4. PULL CORD=1/8" DIA DETECTABLE NYLON PULL CORD WITH MINIMUM PULL STRENGTH OF 200 LBS.

LEGEND

- (X) SIGNAL STANDARD NOTE
- (X) CONSTRUCTION NOTE
- △ WIRING NOTE, SEE WIRING SCHEDULE
- LOCKING LID STANDARD DUTY JUNCTION BOX TYPE 2 (33"x22½")
- ☒ SERVICE CABINET
- ⊗ PEDESTRIAN POLE
- ⏏ PEDESTRIAN PUSHBUTTON
- TR- PROPOSED SIGNAL CONDUIT

SIGNAL STANDARD DETAIL CHART

POLE NO.	STREET	FIELD LOCATION			POLE TYPE	POLE HEIGHT (FT)	POLE ATTACHMENT POINT ORIENTATION (DEGREES CW FROM NORTH)								REMARKS
		STATION	OFFSET	LT./RT.			A1	A2	B1	B2	C1	C2	D	E	
1	132ND AVE	71+96.2	26.4	X	1	15	1	181	1	181	1	181	1	181	
2	132ND AVE	72+00.0	28.4	X	1	15	1	181	1	181	1	181	1	181	

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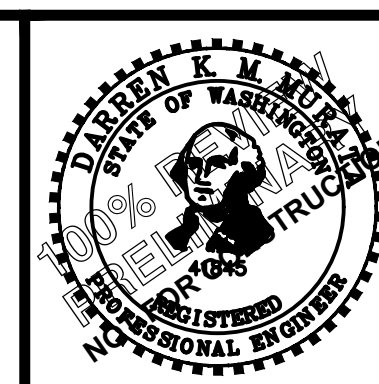
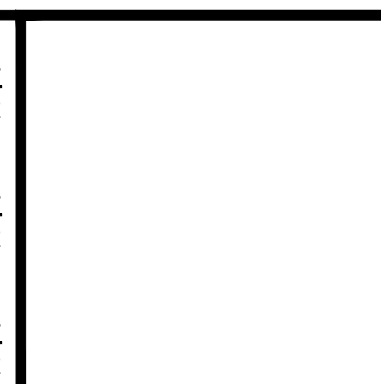
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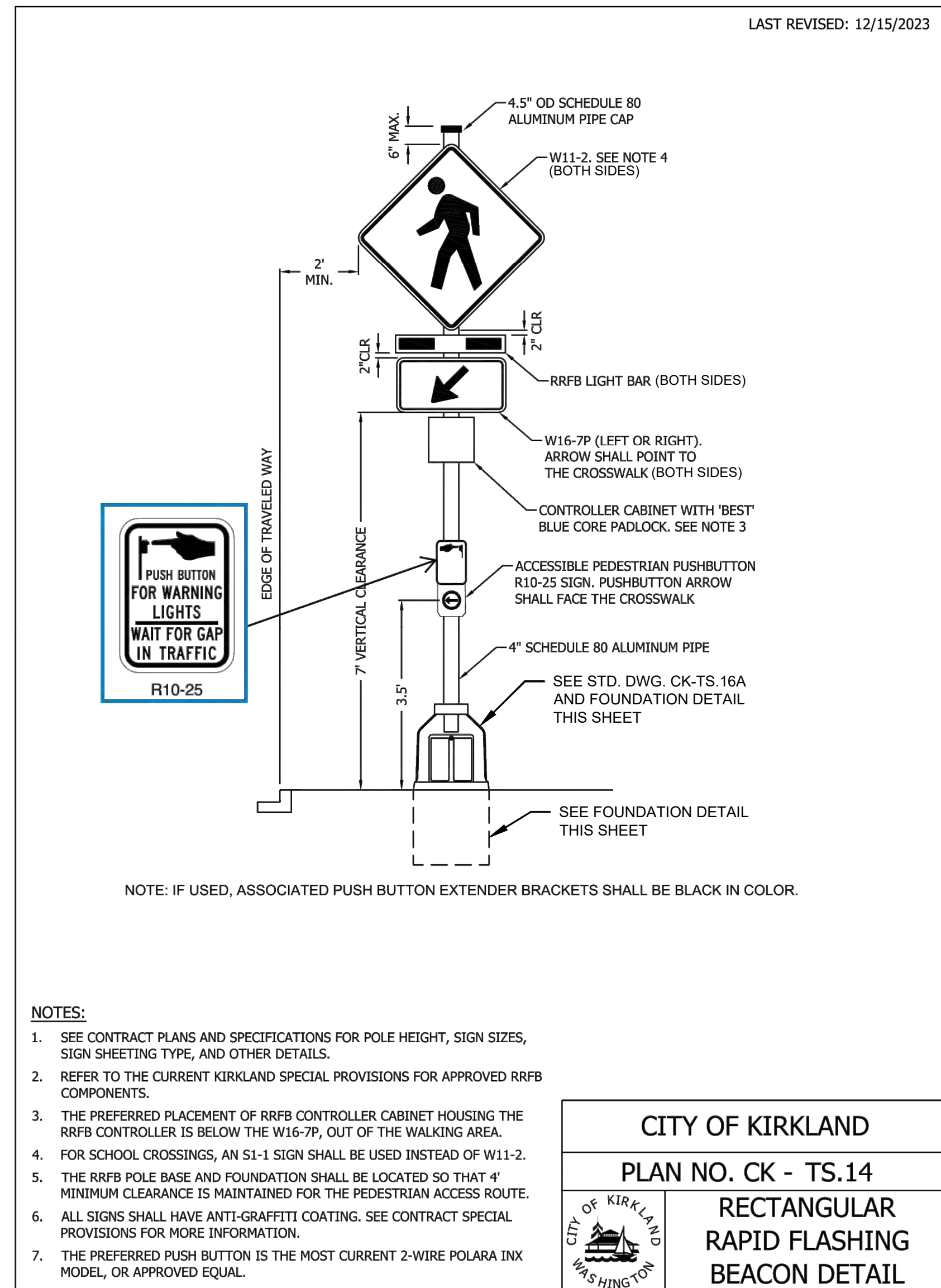
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RRFB PLAN

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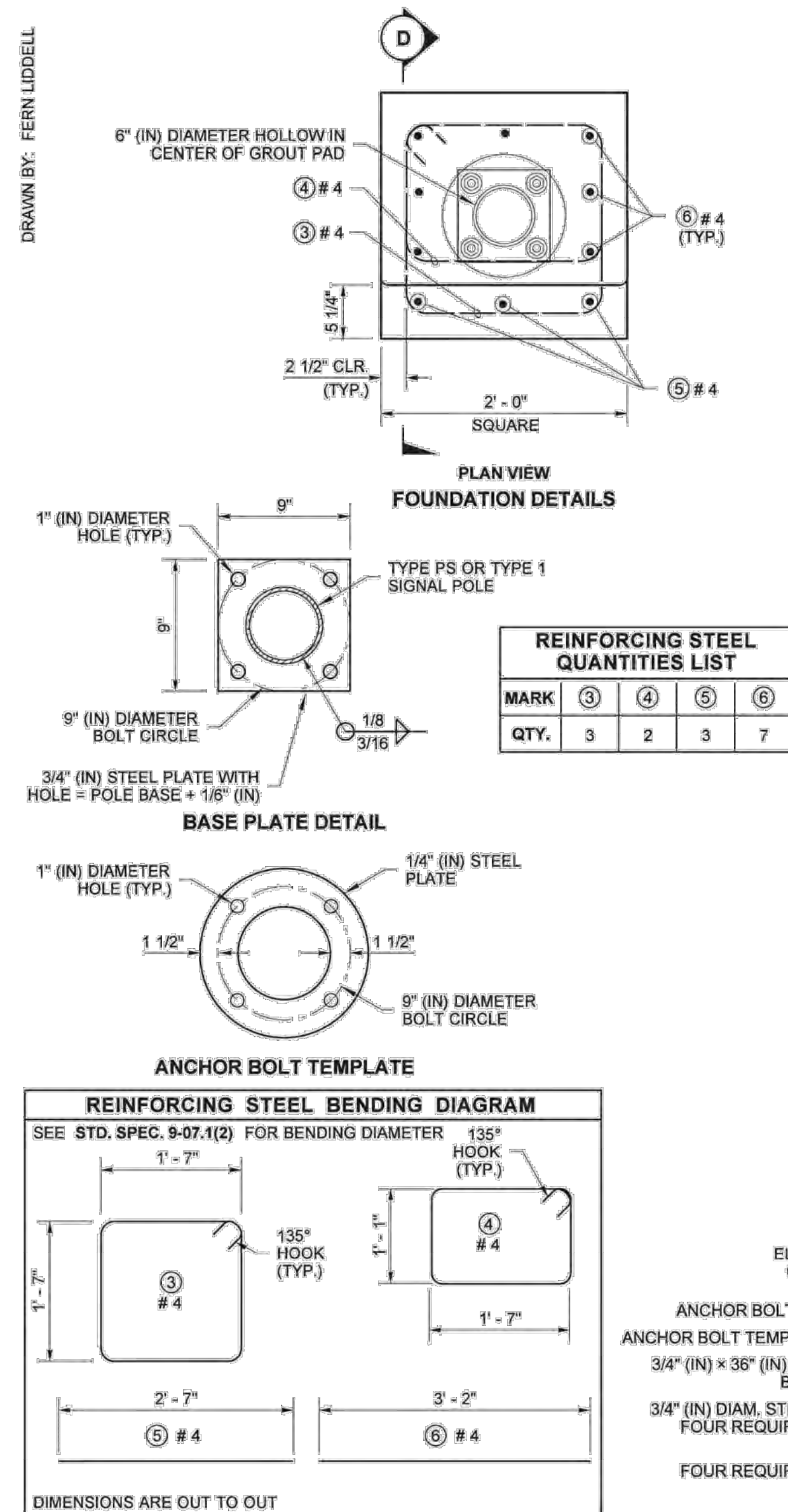


RRFB ASSEMBLY DETAIL
NTS

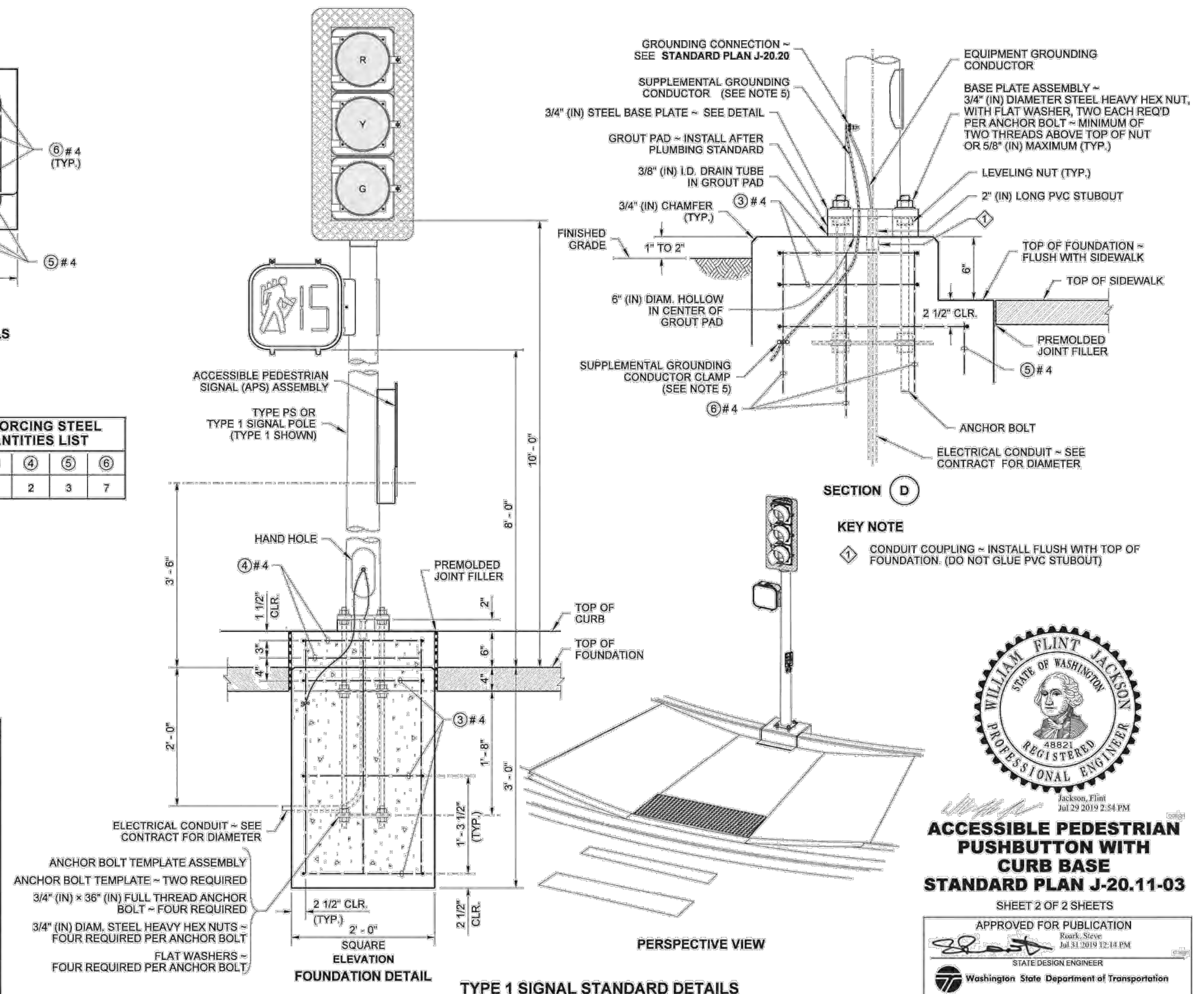
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PLAN NO. CK - TS.14

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RECTANGULAR
RAPID FLASHING
BEACON DETAIL



WSDOT RRFB FOUNDATION DETAIL
NTS



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**ACCESSIBLE PEDESTRIAN
PUSHBUTTON WITH
CURB BASE
STANDARD PLAN J-20.11-03**

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

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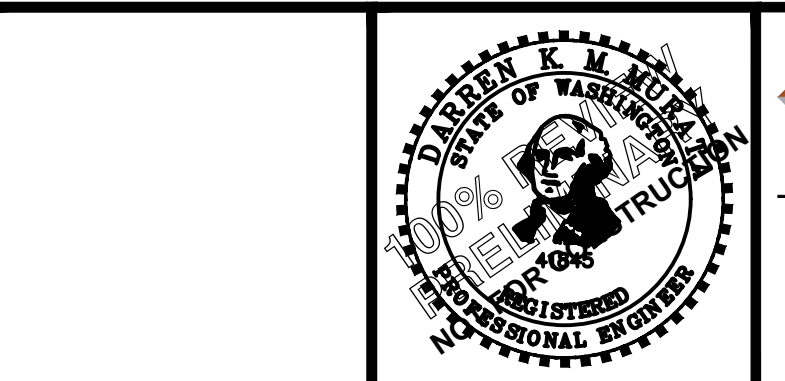
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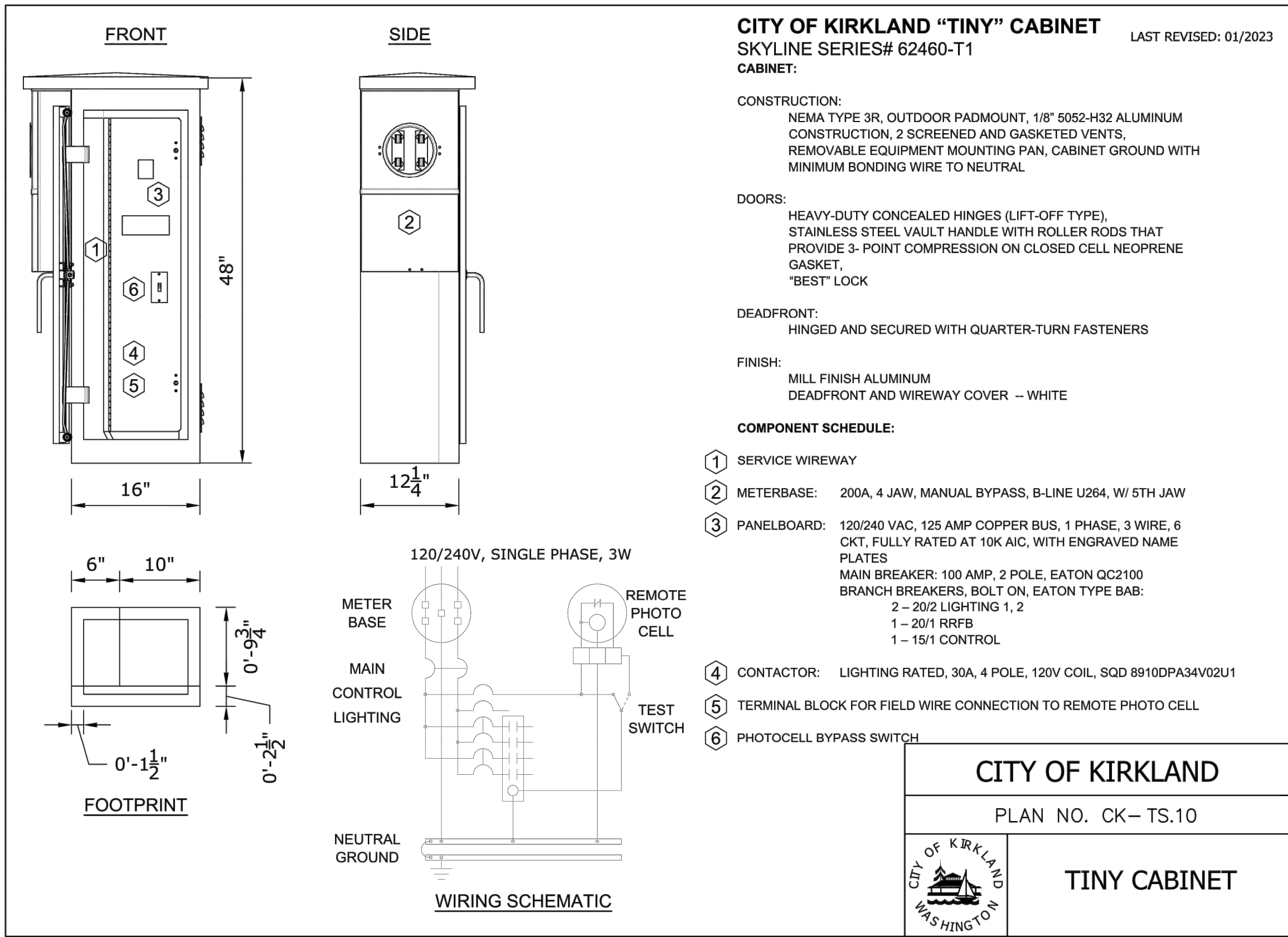
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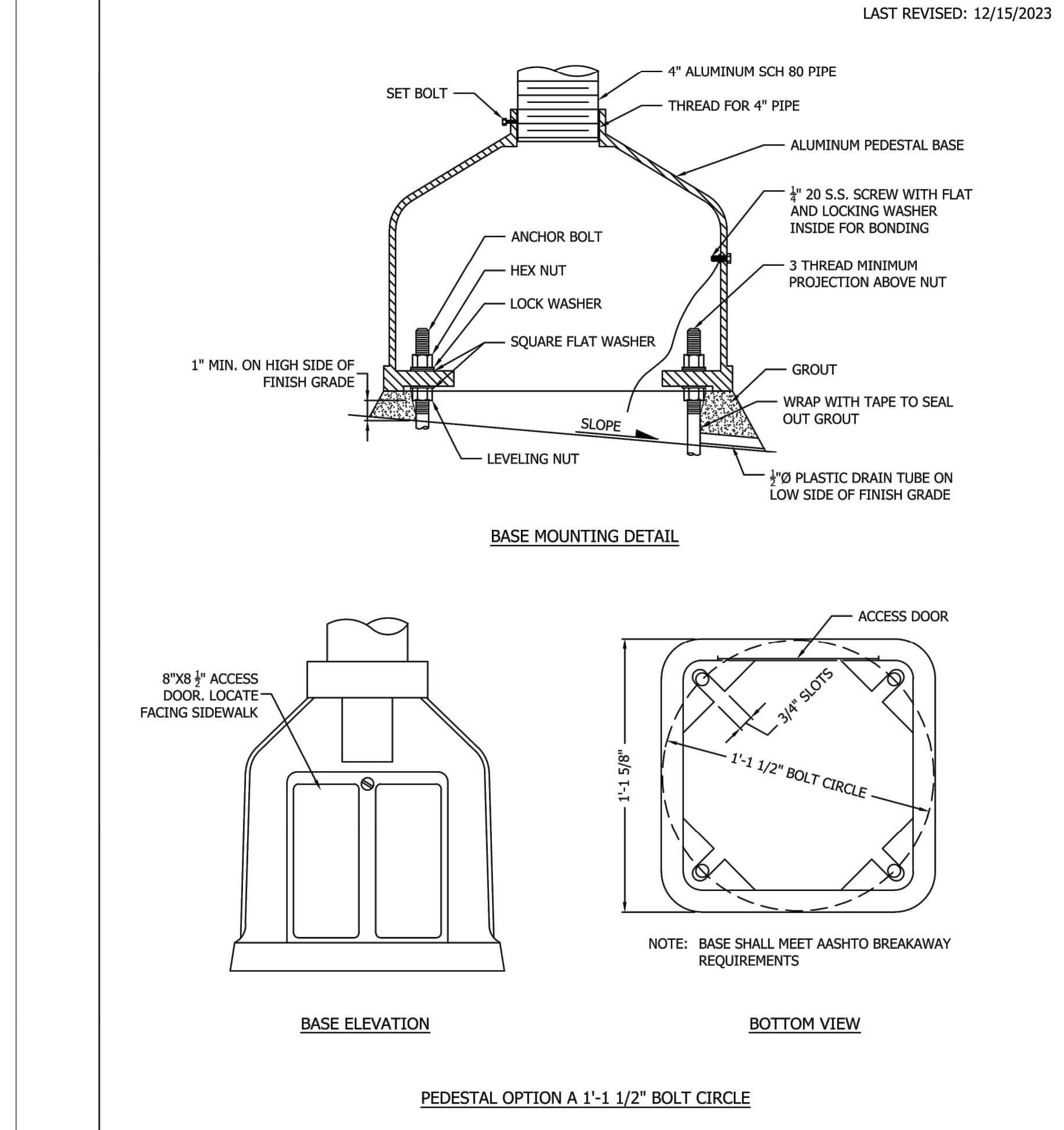
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(1 OF 2)

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OF
44
SHEETS

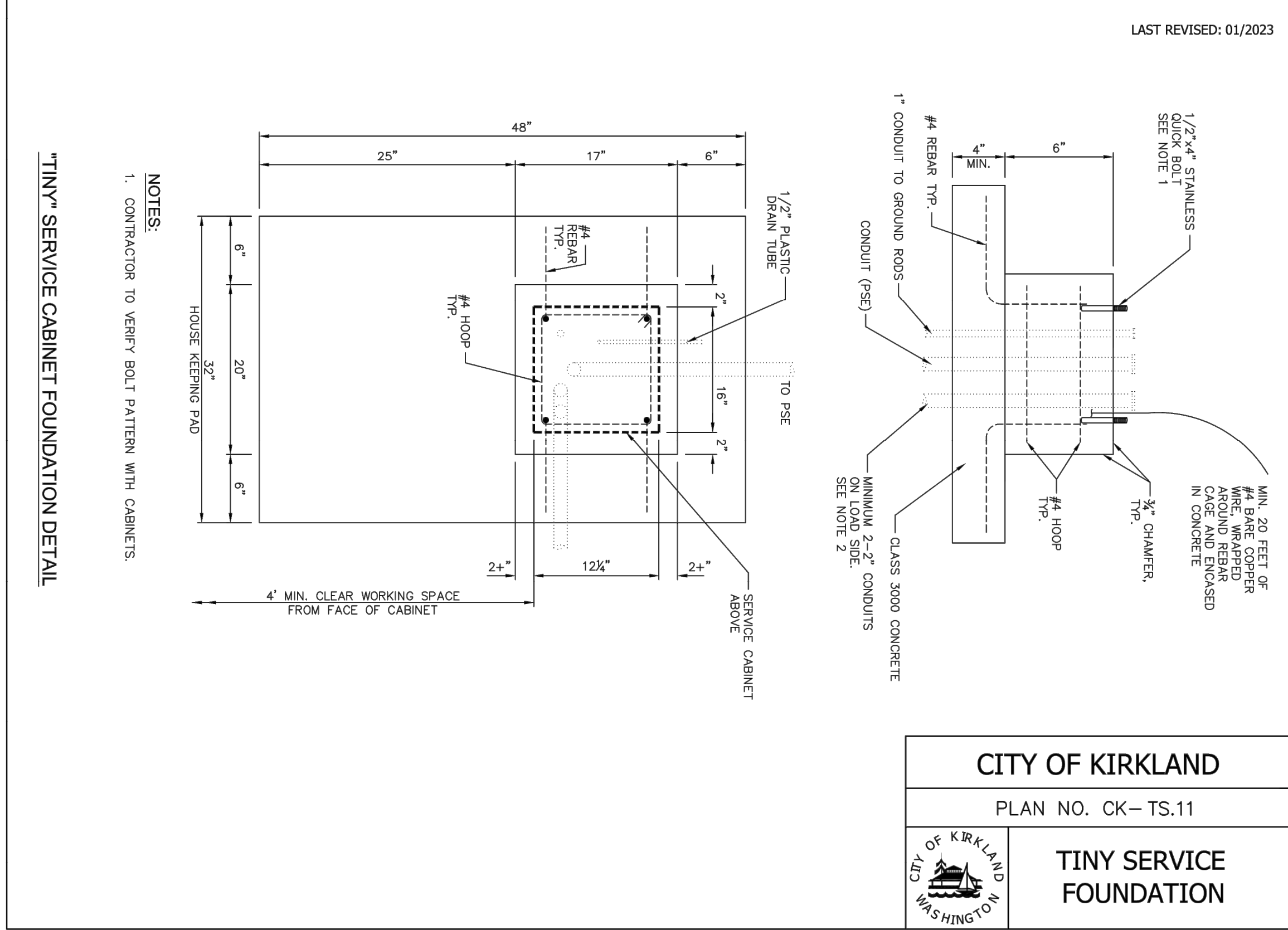
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CITY OF KIRKLAND SERVICE CABINET DETAIL
NTS
PLAN NO. CK - TS.10
TINY CABINET



PEDESTAL DETAIL
NTS
CITY OF KIRKLAND
PLAN NO. CK - TS.16A
4" ALUMINUM POLE BASES DETAIL OPTION A



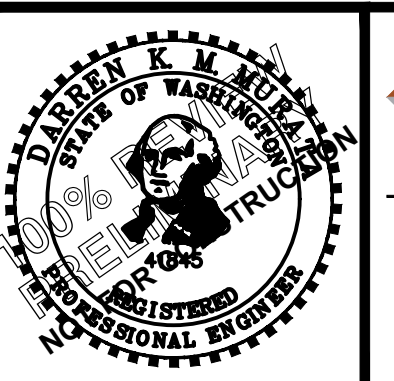
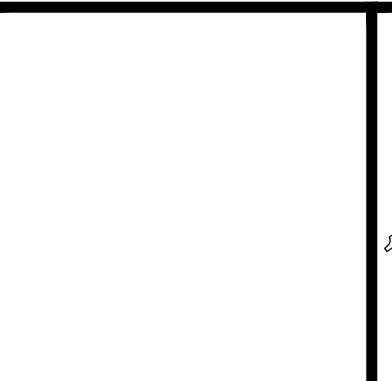
SERVICE CABINET FOUNDATION DETAIL
NTS
CITY OF KIRKLAND
PLAN NO. CK - TS.11
TINY SERVICE FOUNDATION

100% SUBMITTAL

DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE



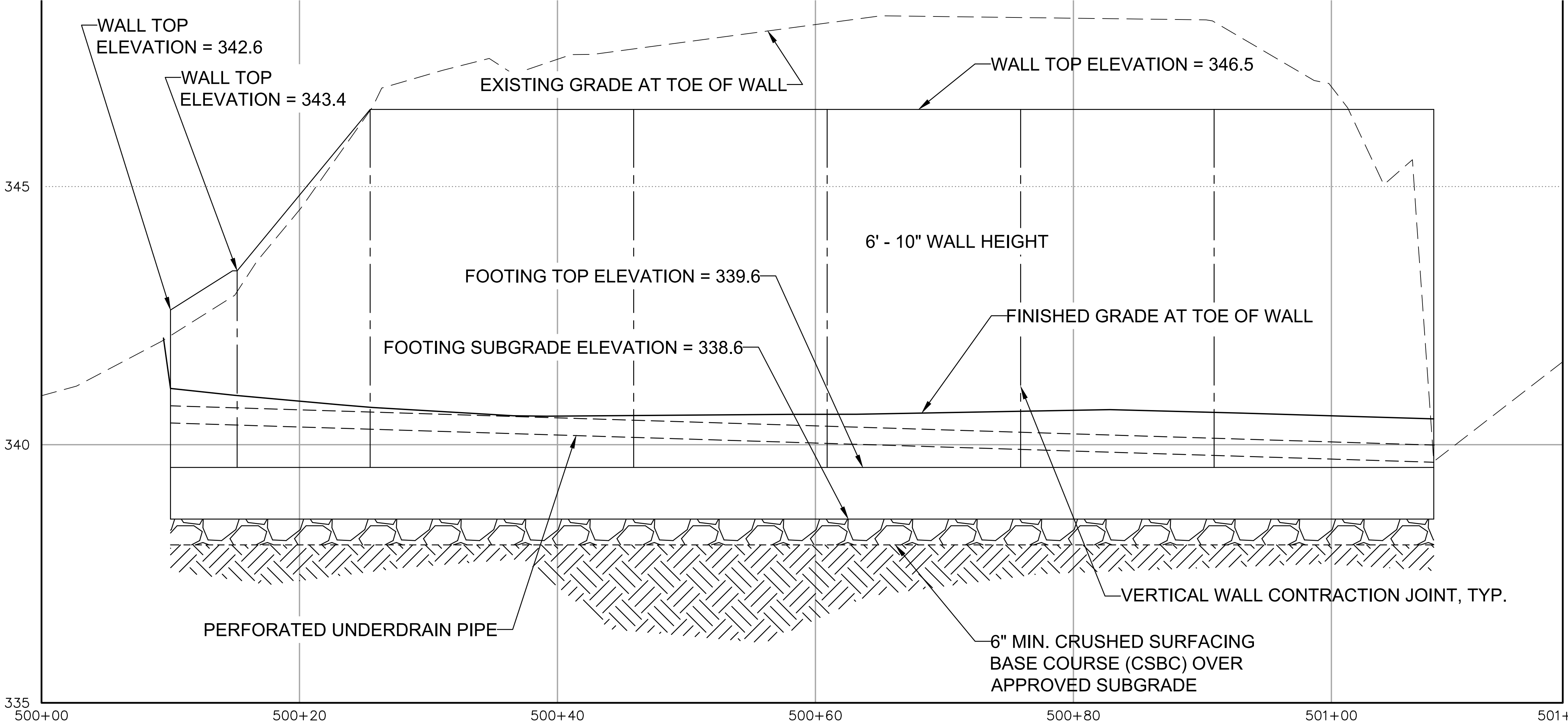
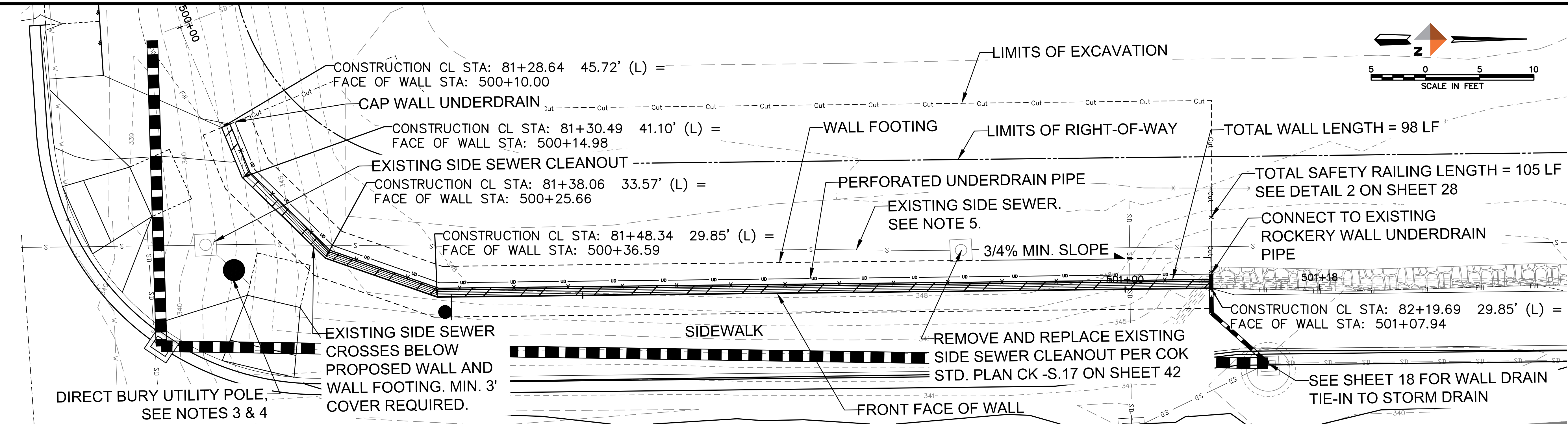
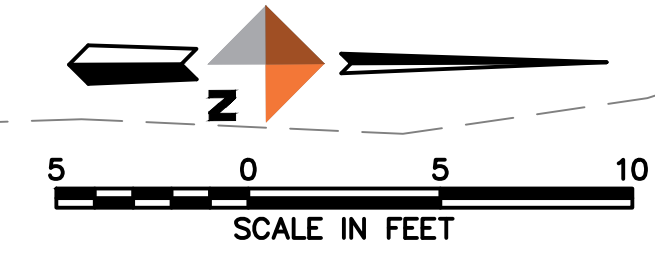
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**132ND AVENUE NE
PEDESTRIAN IMPROVEMENTS PROJECT**
**RRFB DETAILS
(2 OF 2)**

SHEET	26
OF	44
SHEETS	

July 11, 2024 - 2:49 PM - KEAGLE - \\DOWL.COM\PROJECTS\2215223-01\65CAD\CIVIL\SC-CT-RW-15223-01.DWG - Layout Name: 27 RETAINING WALL PLAN AND DETAILS



NOTES

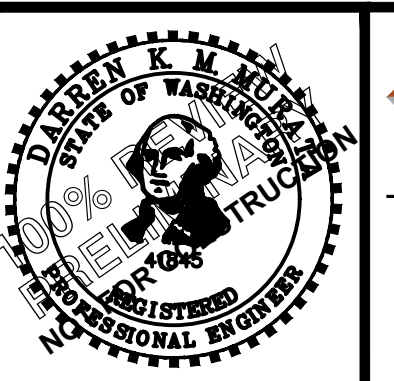
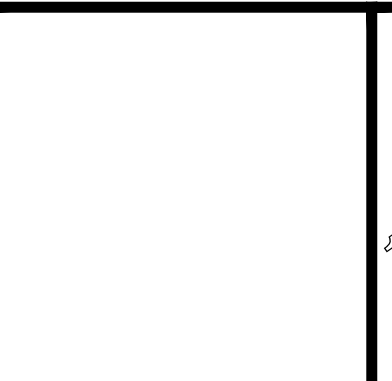
1. SEE SHEET 28 FOR RETAINING WALL DETAILS.
2. AT TRANSITION FROM EXISTING ROCK WALL TO NEW CONCRETE WALL, REMOVE AND REPLACE IN-KIND APPROXIMATELY 3 FEET OF EXISTING ROCK WALL.
3. IF REQUIRED, THE RETAINING WALL FOOTING TOE (FOOTING EXTENT ON FRONT FACE SIDE OF WALL) MAY BE OMITTED AT CONTACT WITH THE NEW UTILITY POLE. WRAP THE POLE WITH TWO LAYERS OF 1/2" POLY FOAM SHEETING OR SIMILAR MATERIAL TO AVOID DIRECT CONCRETE CONTACT WITH THE POLE.
4. THE RETAINING WALL MUST BE CONSTRUCTED PRIOR TO THE RELOCATION OF THE UTILITY POLE AT THE NORTHWEST CORNER OF 132ND AVE AND 113TH ST. THE CONTRACTOR SHALL COORDINATE WITH CITY STAFF AND PSE TO CONFIRM THE CONSTRUCTION SCHEDULE.
5. EXISTING 6" PVC SIDE SEWER IS BELIEVED TO BE AT APPROXIMATE PIPE TOP ELEVATION OF 333.50' AT THE NEW WALL CROSSING. CONTRACTOR SHALL TAKE CARE NOT TO DISTURB THE EXISTING SIDE SEWER PIPE.

100% SUBMITTAL

DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE



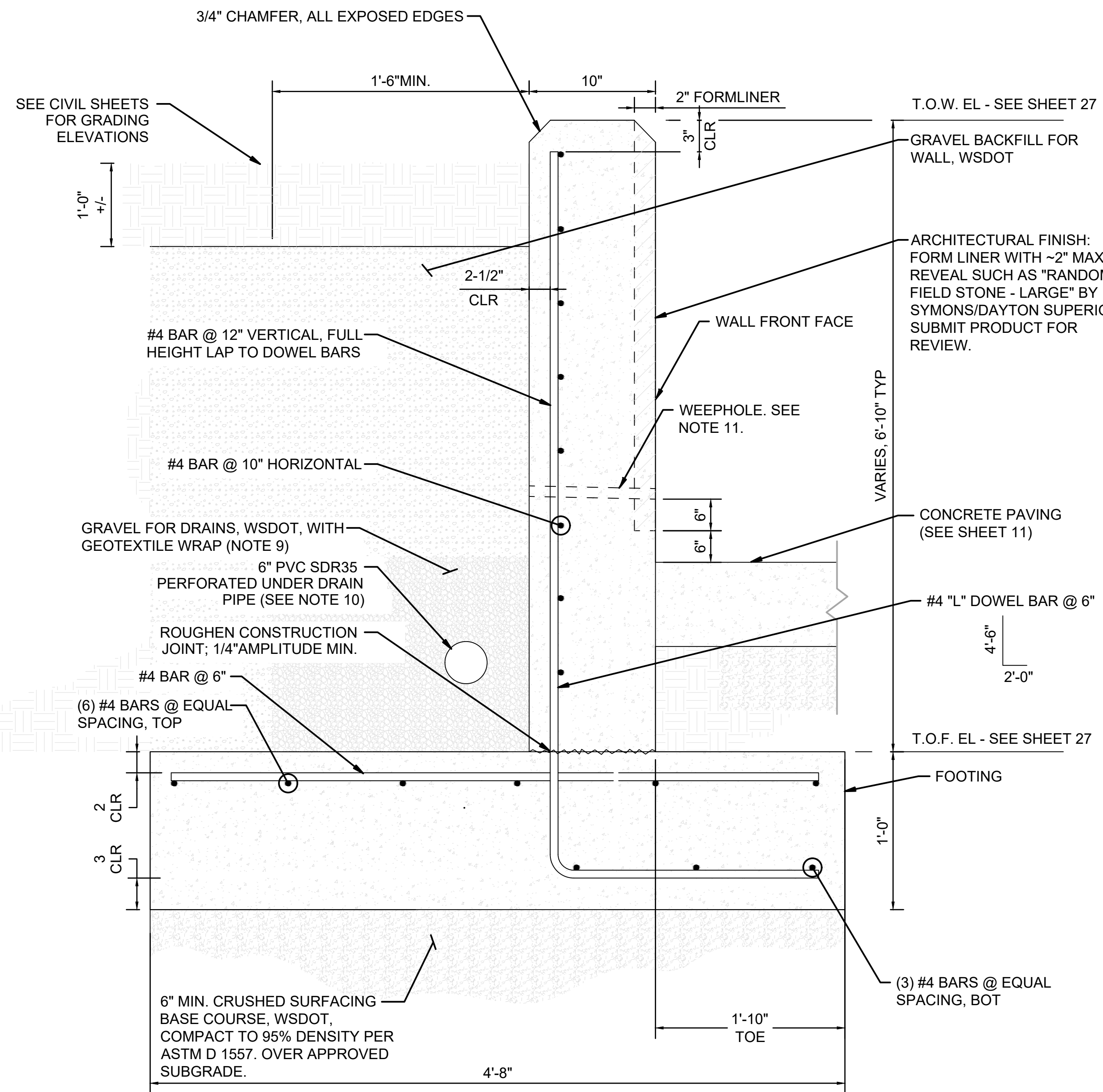
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**132ND AVENUE NE
 PEDESTRIAN IMPROVEMENTS PROJECT**
**RETAINING WALL PLAN
 AND DETAILS**

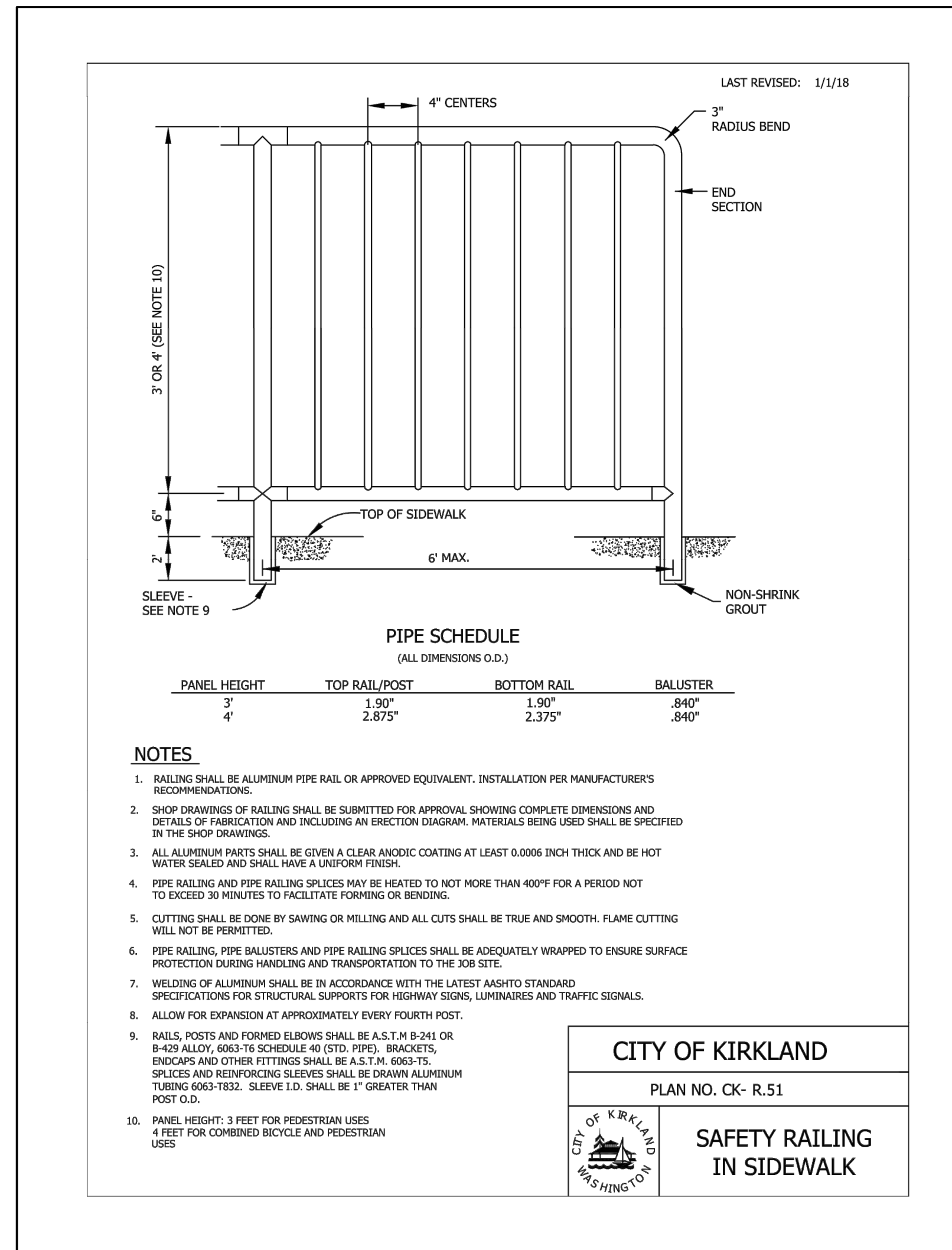
SHEET
 27
 OF
 44
 SHEETS

July 11, 2024 - 2:49 PM - KEAGLE - \\DOWL.COM\PROJECTS\2215223-01\65CAD\CIVIL\SC-CT-RW-DT-15223-01.DWG - Layout Name: 28 RETAINING WALL DETAILS



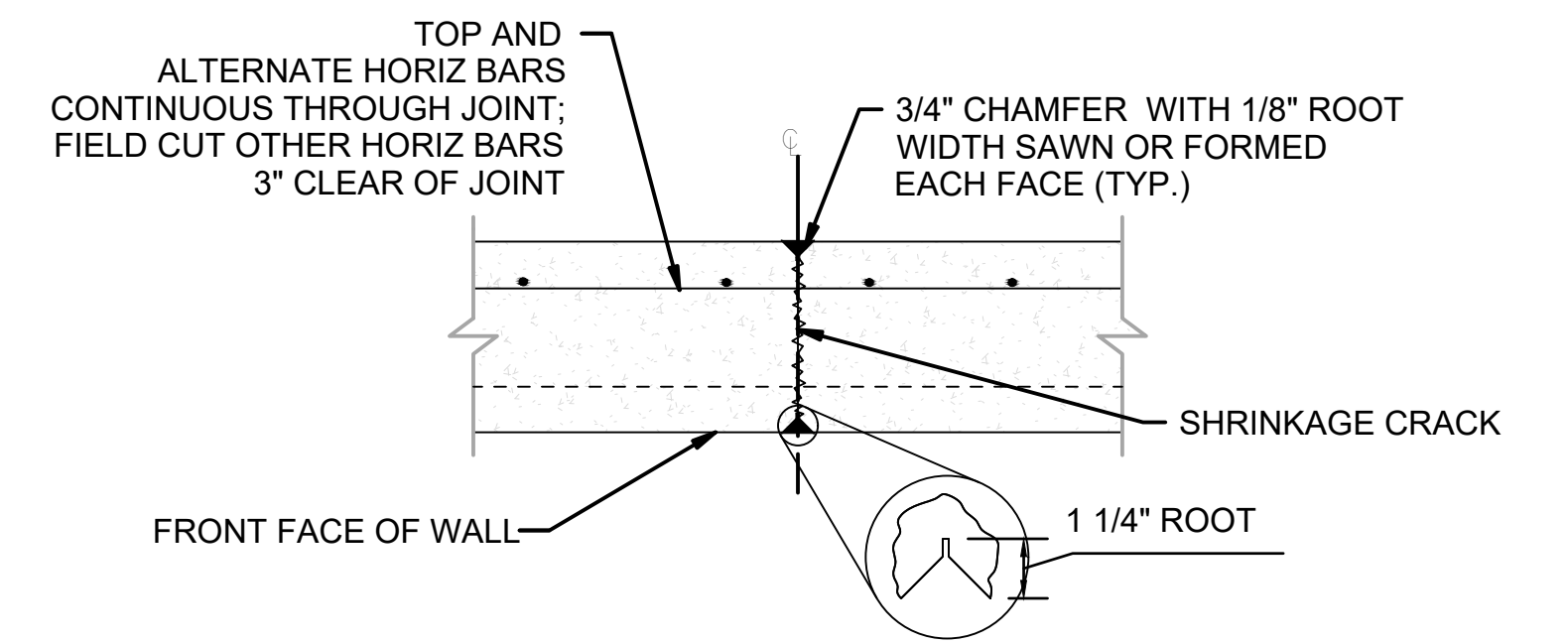
1 DETAIL
RETAINING WALL

NOT TO SCALE



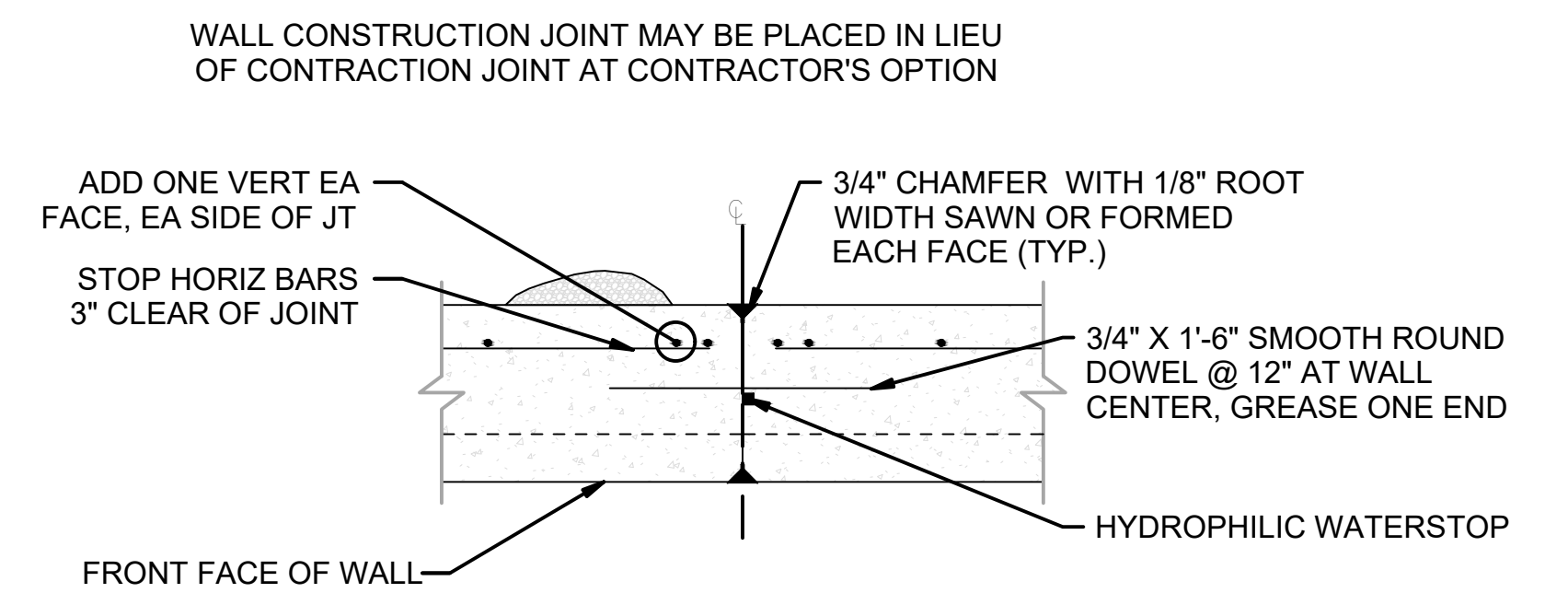
2 DETAIL
WALL TOP

NOT TO SCALE



3 DETAIL
CONCRETE WALL CONTRACTION JOINT
PLACE @ 15'+/- MAX SPACING

NOT TO SCALE



4 DETAIL
CONCRETE WALL CONSTRUCTION JOINT

NOT TO SCALE

RETAINING WALL NOTES:

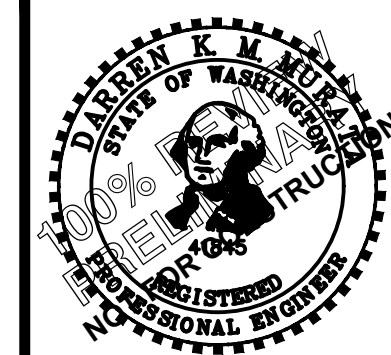
- CONCRETE DESIGN PER ACI 318-19.
- GEOTECHNICAL CRITERIA - SEE THE "GEOTECHNICAL ENGINEERING LETTER REPORT" ORIGINATED FOR THE PROJECT BY HWA GEOSCIENCES.
- WALL FOOTING SUBGRADE MUST BE APPROVED BY A GEOTECHNICAL REPRESENTATIVE.
- FOOTING SUB-BASE AND WALL DRAINAGE ARE REQUIRED AS INDICATED.
- CONCRETE, WSDOT CLASS 4000 STRUCTURAL CONCRETE - $f_c = 4,000$ PSI, 6.0% ENTRAINED AIR.
- REINFORCING STEEL, ASTM A615 GRADE 60, BARE (UN-COATED).
- LAP #4 REINFORCING BARS 1'-9" VERTICAL, OR 2'-3" HORIZONTAL, UNLESS INDICATED OTHERWISE.
- WALL FACE INCLUDES AN ARCHITECTURAL TREATMENT.
- CONSTRUCTOR'S OPTION TO INSTALL PREFABRICATED DRAINAGE MAT ASSEMBLY SUCH AS TREMDRAIN 2000NW IN LIEU OF CONVENTIONAL DRAINAGE GRAVEL BACKFILL.
- PERFORATED UNDER DRAIN PIPE BEHIND RETAINING WALL HAS CAPPED HIGH POINT AND SLOPES TO DAYLIGHT OUTLET - SEE WALL PLAN SHEET 27.
- 3" PVC WEEPHOLE AT 10'-0" MAXIMUM SPACING. COORDINATE LOCATION WITH VERTICAL WALL JOINT LOCATIONS.

100% SUBMITTAL

DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
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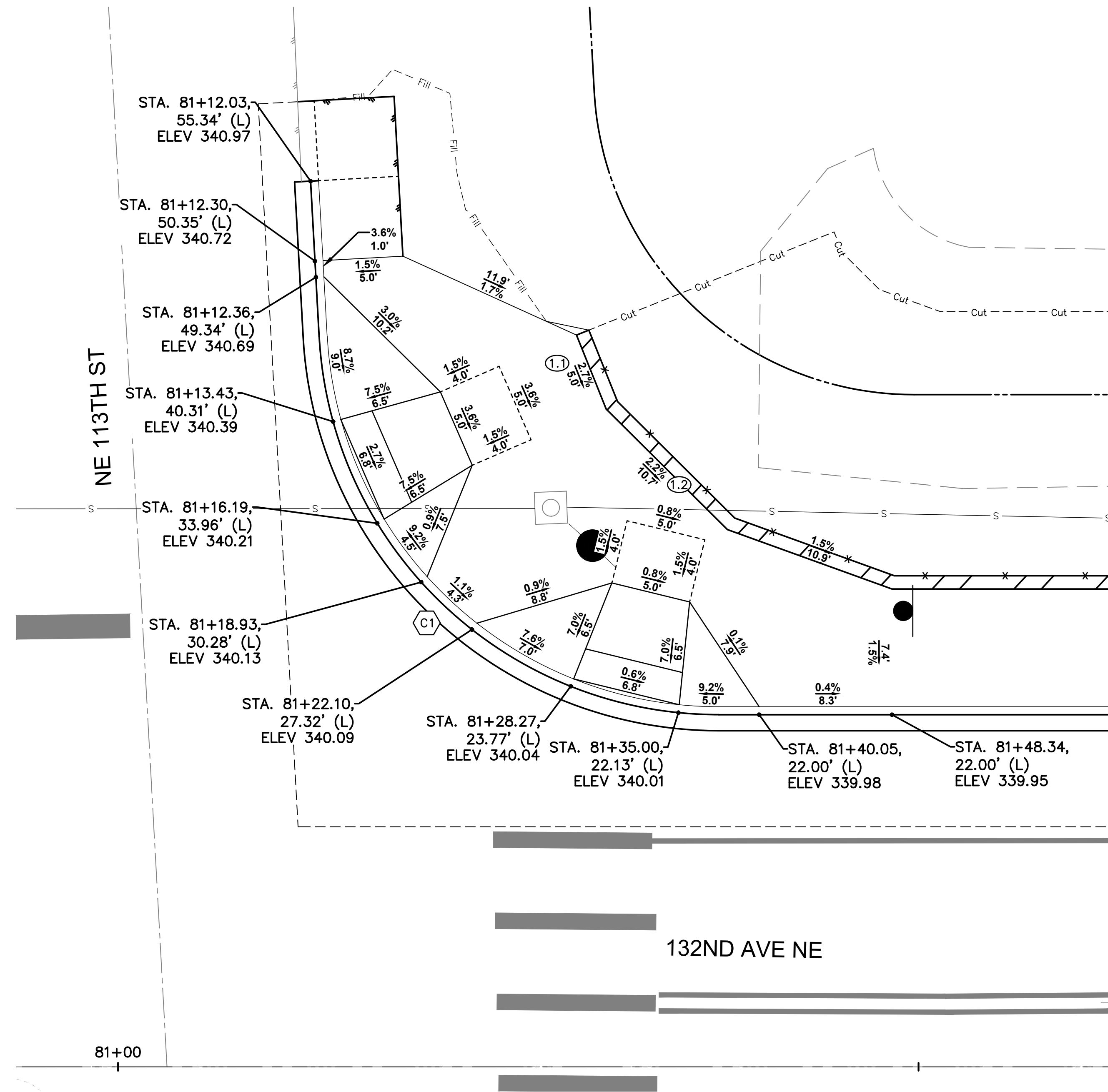
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132ND AVENUE NE
PEDESTRIAN IMPROVEMENTS PROJECT

RETAINING WALL
DETAILS

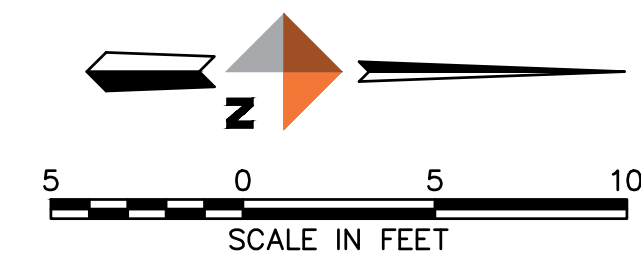
SHEET
28
OF
44
SHEETS

July 11, 2024 - 2:51 PM - KEAGLE - \\DOWL.COM\PROJECTS\2215223-01\65CAD\CIVIL\SC-CT-CR-15223-01.DWG - Layout Name: 29 ADA CURB RAMP PLAN



CURB RETURN TABLE

CURB RETURN NO.	POINT	STATION / OFFSET	ELEV.	CURVE GEOMETRY
C1	PC STA	STA 81+12.56, 45.62' LT	340.55	Δ=86°50'41" R=25.00 T=23.66 L=37.89
	1/4	STA 81+14.84, 36.49' LT	340.26	
	1/2	STA 81+20.34, 28.84' LT	340.10	
	3/4	STA 81+28.27, 23.77' LT	340.04	
	PT STA	STA 81+37.52, 22.00' LT	339.99	



CURB RAMP SCHEDULE

RAMP	WSDOT STD PLAN	MEF CODE
1.1	F-40.15-04	N/A
1.2	F-40.15-04	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

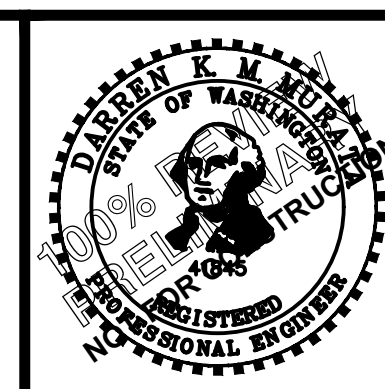
1. SEE SITE PREPARATION AND ROADWAY PLAN/PROFILE SHEETS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.

100% SUBMITTAL

DATE	NO.	REVISION	BY



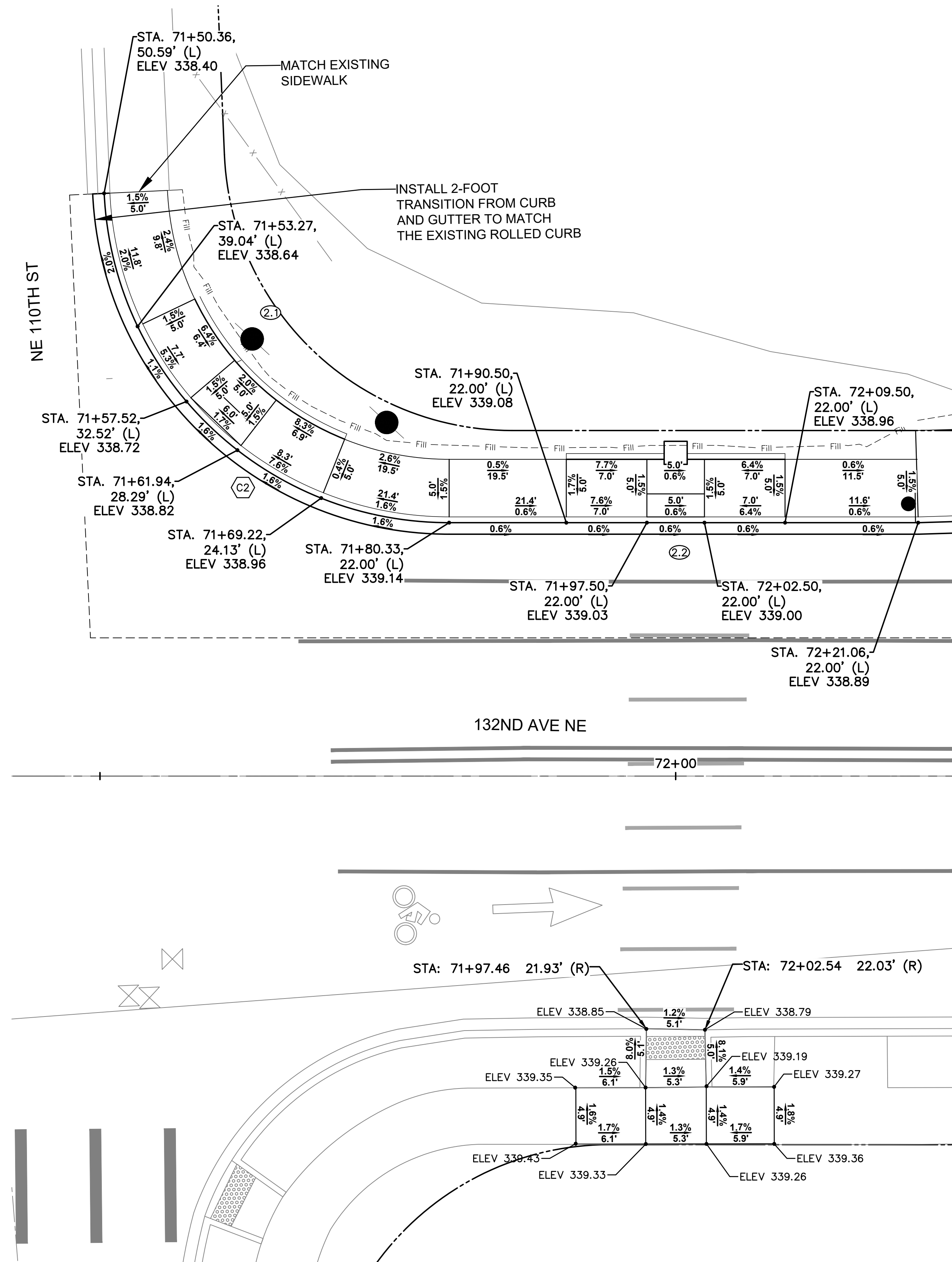
K. EAGLE 05-2024
DESIGNED BY: DATE
K. EAGLE 05-2024
DRAWN BY: DATE
D. MURATA 07-2024
CHECKED BY: DATE



132ND AVENUE NE
PEDESTRIAN IMPROVEMENTS PROJECT
ADA CURB RAMP PLAN

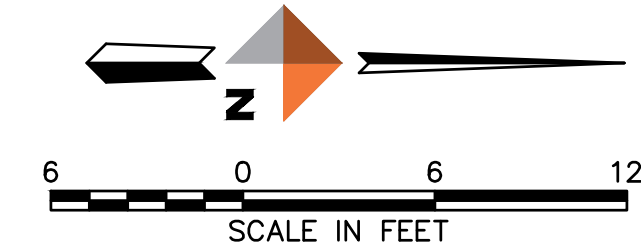
SHEET
29
OF
44
SHEETS

July 11, 2024 - 2:51 PM - KEAGLE - \\DOWL.COM\PROJECTS\2215223-01\65CAD\CIVIL\SC-CT-CR-15223-01.DWG - Layout Name: 30 ADA CURB RAMP PLAN



CURB RETURN TABLE

CURB RETURN NO.	POINT	STATION / OFFSET	ELEV.	CURVE GEOMETRY
C2	PC STA	STA 71+50.36, 50.59' LT	338.40	Δ=87°17'51" R=30.00 T=28.62 L=45.71
	1/4	STA 71+53.03, 39.55' LT	338.63	
	1/2	STA 71+59.62, 30.29' LT	338.77	
	3/4	STA 71+69.16, 24.15' LT	338.96	
	PT STA	STA 71+80.33, 22.00' LT	339.14	



CURB RAMP SCHEDULE

RAMP	WSDOT STD PLAN	MEF CODE
2.1	F-40.12-03	N/A
2.2	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

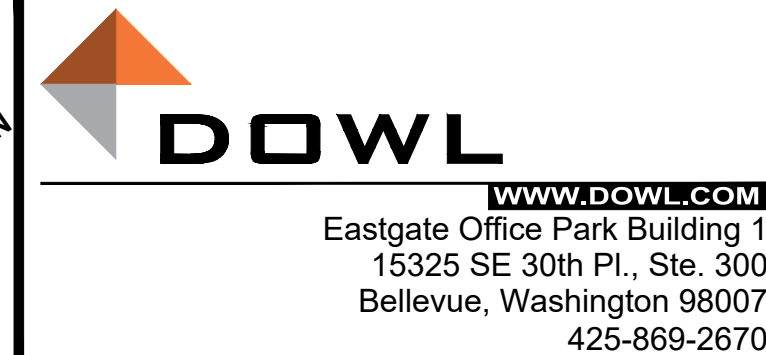
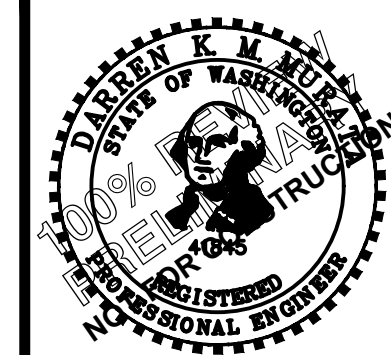
1. SEE SITE PREPARATION AND ROADWAY PLAN/PROFILE SHEETS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.

100% SUBMITTAL

DATE	NO.	REVISION	BY



K. EAGLE 05-2024
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K. EAGLE 05-2024
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CHECKED BY: DATE

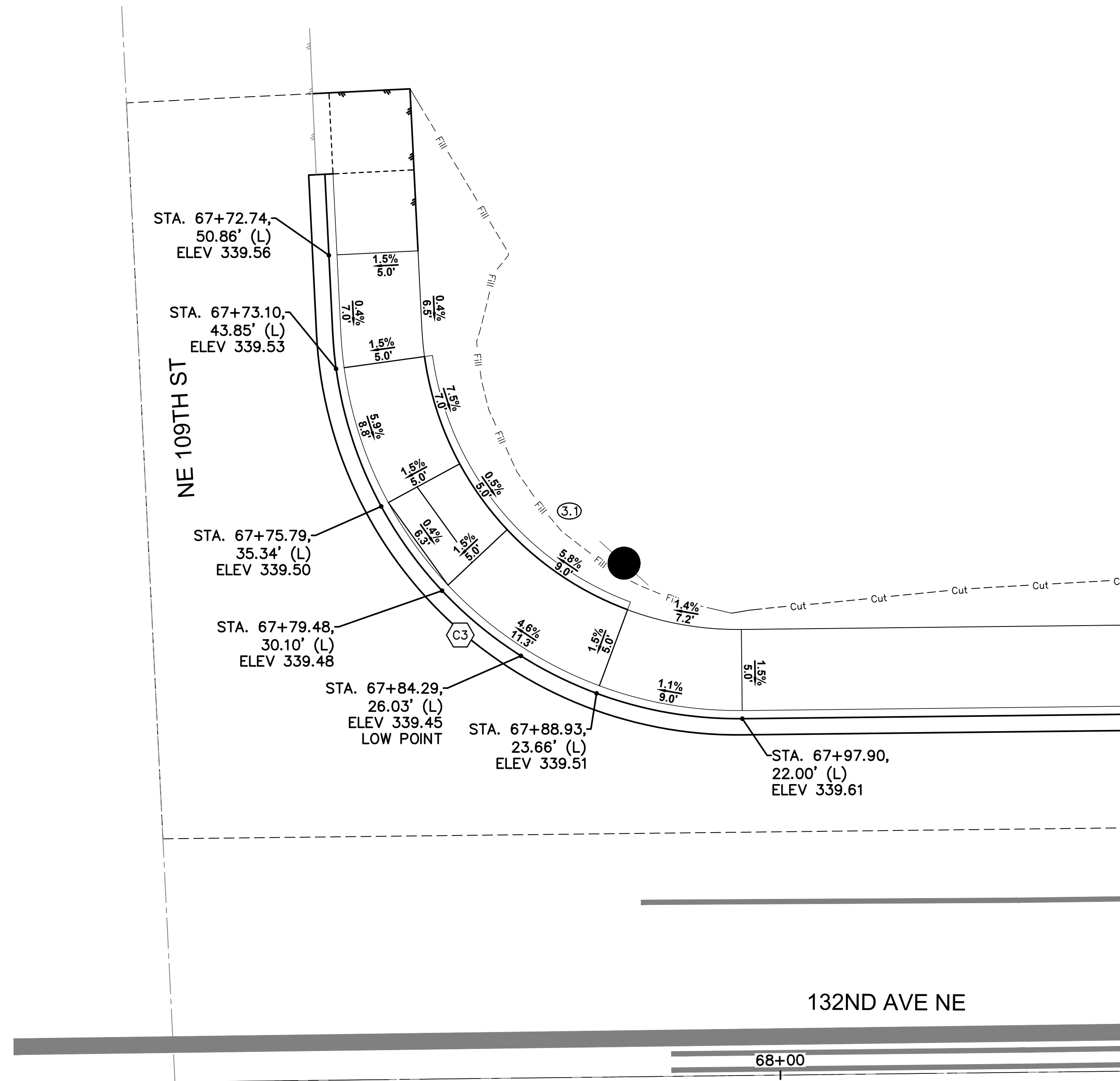


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132ND AVENUE NE
PEDESTRIAN IMPROVEMENTS PROJECT
ADA CURB RAMP PLAN

SHEET
30
OF
44
SHEETS

July 11, 2024 - 2:51 PM - KEAGLE - \\DOWL.COM\PROJECTS\2215223-01\65CAD\CIVIL\SC-CT-CR-15223-01.DWG - Layout Name: 31 ADA CURB RAMP PLAN

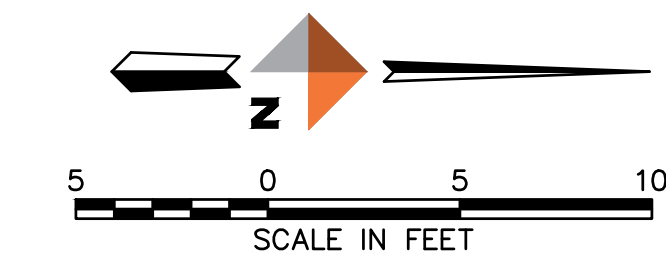


CURB RETURN TABLE

CURB RETURN NO.	POINT	STATION / OFFSET	ELEV.	CURVE GEOMETRY
C3	PC STA	STA 67+72.92, 46.05' LT	339.54	Δ=87°49'01" R=25.00 T=24.07 L=38.32
	1/4	STA 67+75.09, 36.78' LT	339.50	
	1/2	STA 67+80.56, 28.99' LT	339.47	
	3/4	STA 67+88.55, 23.81' LT	339.50	
	PT STA	STA 67+97.90, 22.00' LT	339.61	

CURB RAMP SCHEDULE

RAMP	WSDOT STD PLAN	MEF CODE
3.1	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

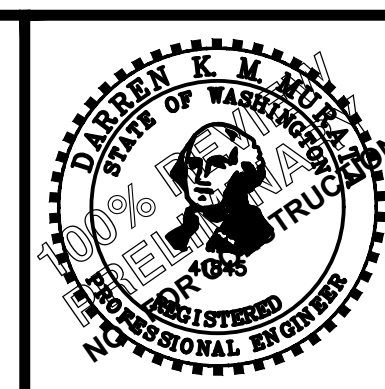
1. SEE SITE PREPARATION AND ROADWAY PLAN/PROFILE SHEETS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.

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DATE	NO.	REVISION	BY



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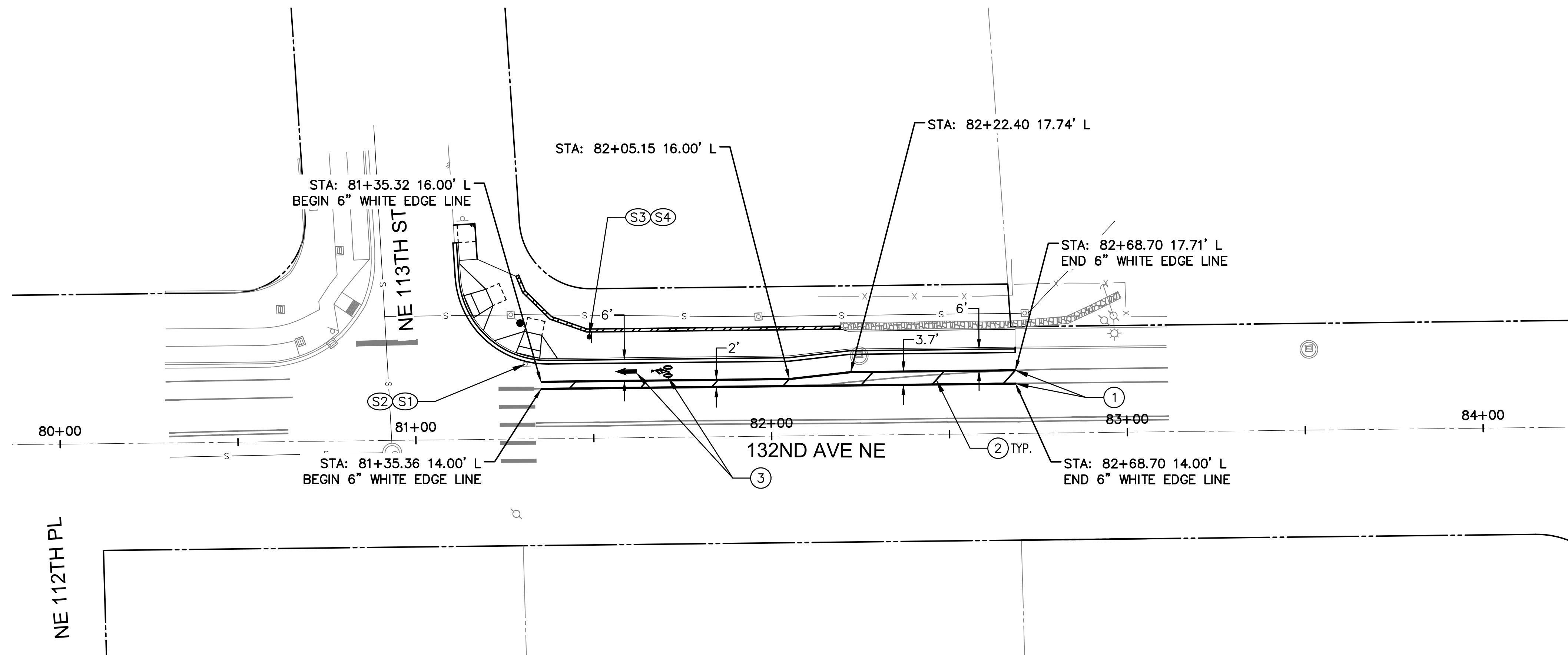
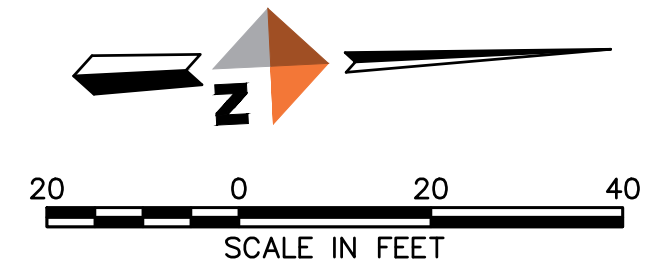
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**132ND AVENUE NE
 PEDESTRIAN IMPROVEMENTS PROJECT**

ADA CURB RAMP PLAN

SHEET
31
 OF
44
 SHEETS

July 11, 2024 - 2:52 PM - KEAGLE - \\DOWL.COM\UPROJECTS\2215223-01\65CAD\CIVIL\SC-CT-SG-15223-01.DWG - Layout Name: 32 CHANNELIZATION AND SIGNING PLAN (SITE #1)



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.

LEGEND

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

PAVEMENT MARKING NOTES

- ① PAINT 6" WHITE SOLID EDGE LINE
- ② PAINT 4" WHITE HATCH LINE
- ③ INSTALL THERMOPLASTIC BICYCLE LANE MARKINGS PER CITY OF KIRKLAND STD. DETAIL NO. R.34

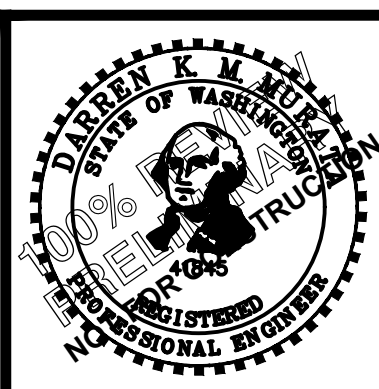
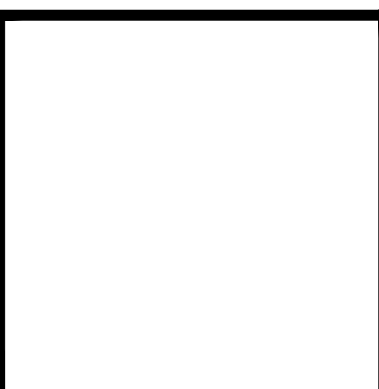
SIGN SCHEDULE									
#	STATION	OFFSET	NEW/EXIST	SIGN CODE	SHEETING CODE	SIGN SIZE	POST SIZE/TYPE/NO.	DESCRIPTION	REMARKS
S1	STA 81+30.96	21.00' L	EXIST	R1-6			SEE STD. PLAN NO. CK-R.43	IN-STREET PED CROSSING	REMOVE SIGN
S2	STA 81+30.96	21.00' L	EXIST	W16-7P			SEE STD. PLAN NO. CK-R.43	DIAGONAL DOWNWARD POINTING ARROW	REMOVE SIGN
S3	STA 81+49.04	28.48' L	NEW	R1-6			SEE STD. PLAN NO. CK-R.43	IN-STREET PED CROSSING	INSTALL NEW SIGN
S4	STA 81+49.04	28.48' L	NEW	W16-7P			SEE STD. PLAN NO. CK-R.43	DIAGONAL DOWNWARD POINTING ARROW	INSTALL NEW SIGN

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DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE



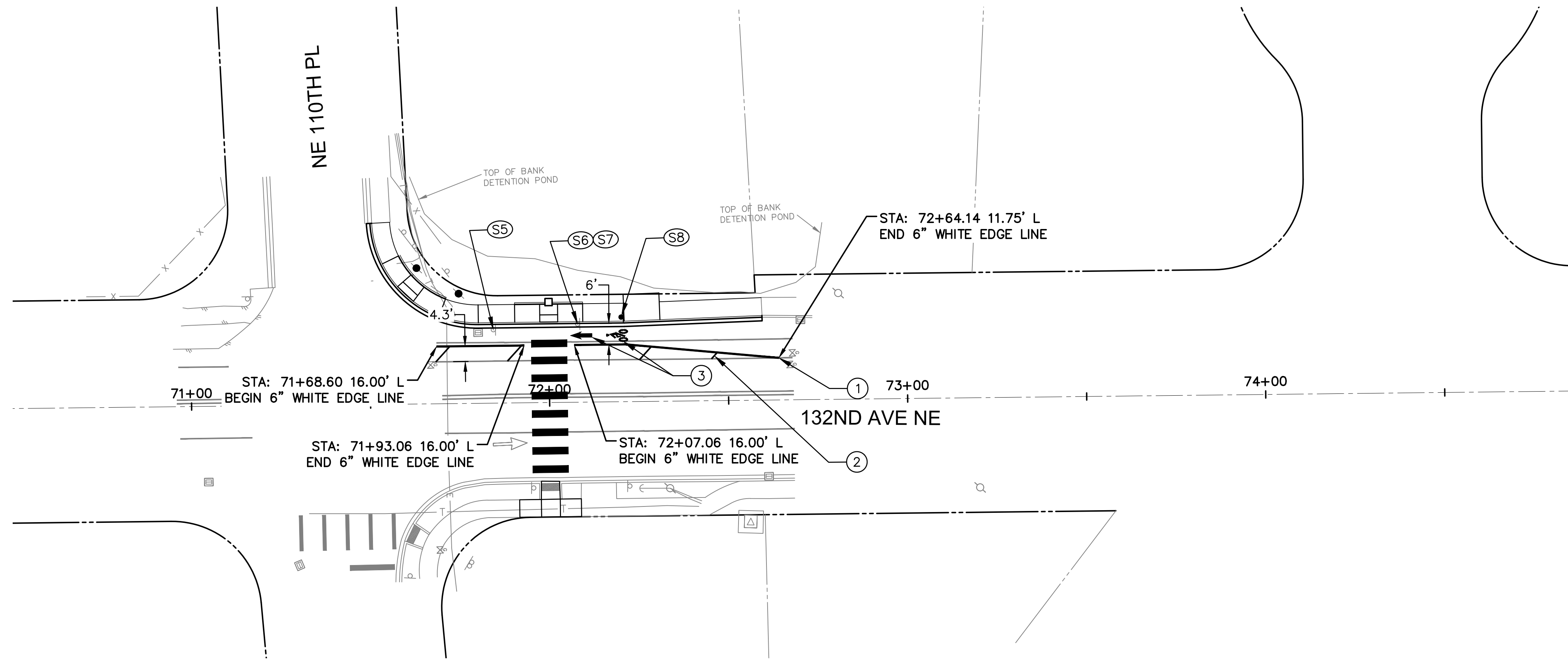
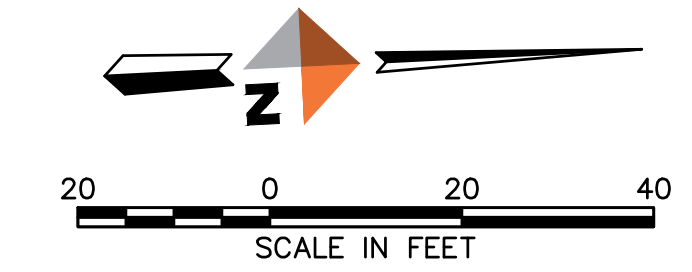
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**132ND AVENUE NE
 PEDESTRIAN IMPROVEMENTS PROJECT
 CHANNELIZATION AND SIGNING
 PLAN (SITE #1)**

SHEET
32
 OF
44
 SHEETS

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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.

LEGEND

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

PAVEMENT MARKING NOTES

- 1 PAINT 6" WHITE SOLID EDGE LINE
- 2 PAINT 4" WHITE HATCH LINE
- 3 INSTALL THERMOPLASTIC BICYCLE LANE MARKINGS PER CITY OF KIRKLAND STD. DETAIL NO. R.34

SIGN SCHEDULE									
#	STATION	OFFSET	NEW/EXIST	SIGN CODE	SHEETING CODE	SIGN SIZE	POST SIZE/TYPE/NO.	DESCRIPTION	REMARKS
S5	STA 71+84.50	20.52' L	EXIST				SEE STD. PLAN NO. CK-R.43	BUS ROUTE INFORMATION	REMOVE SIGN
S6	STA 72+08.04	21.85' L	EXIST	R1-6			SEE STD. PLAN NO. CK-R.43	IN-STREET PED CROSSING	REMOVE SIGN
S7	STA 72+08.04	21.85' L	EXIST	W16-7P			SEE STD. PLAN NO. CK-R.43	DIAGONAL DOWNWARD POINTING ARROW	REMOVE SIGN
S8	STA 71+85.25	23.58' L	NEW				SEE STD. PLAN NO. CK-R.43	BUS ROUTE INFORMATION	INSTALL NEW SIGN
S9	STA 72+04.18	23.37' L	NEW	R1-6			SEE STD. PLAN NO. CK-R.43	IN-STREET PED CROSSING	INSTALL NEW SIGN
S10	STA 72+04.18	23.37' L	NEW	W16-7P			SEE STD. PLAN NO. CK-R.43	DIAGONAL DOWNWARD POINTING ARROW	INSTALL NEW SIGN

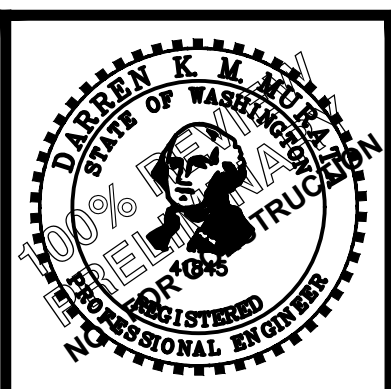
NOTE: SEE RRFB PLAN SHEETS FOR NEW CROSSWALK SIGNING

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DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE



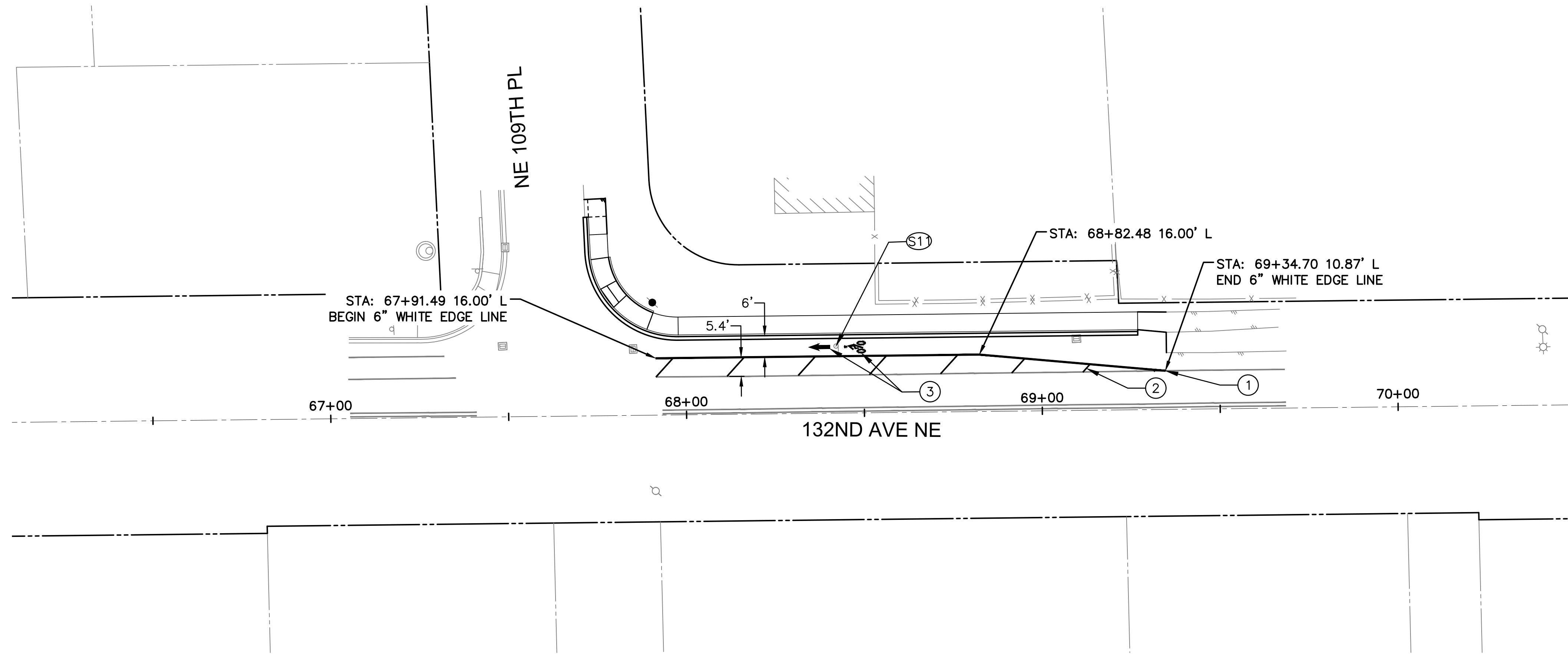
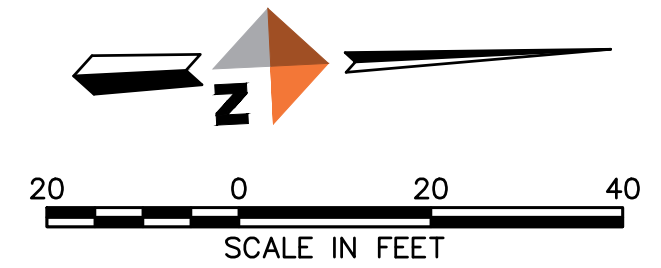
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**132ND AVENUE NE
 PEDESTRIAN IMPROVEMENTS PROJECT
 CHANNELIZATION AND SIGNING
 PLAN (SITE #2)**

SHEET
33
 OF
44
 SHEETS

July 11, 2024 - 2:52 PM - KEAGLE - \\DOWL.COM\PROJECTS\2215223-01\65CAD\CIVIL\SC-CT-SG-15223-01.DWG - Layout Name: 34 CHANNELIZATION AND SIGNING PLAN (SITE #3)



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.

LEGEND

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

PAVEMENT MARKING NOTES

- ① PAINT 6" WHITE SOLID EDGE LINE
- ② PAINT 4" WHITE HATCH LINE
- ③ INSTALL THERMOPLASTIC BICYCLE LANE MARKINGS PER CITY OF KIRKLAND STD. DETAIL NO. R.34

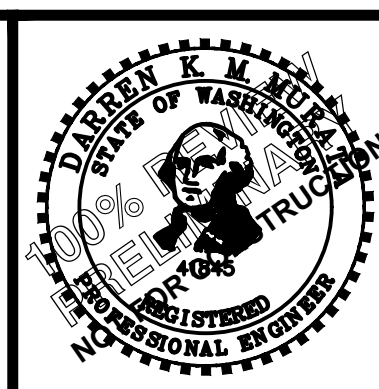
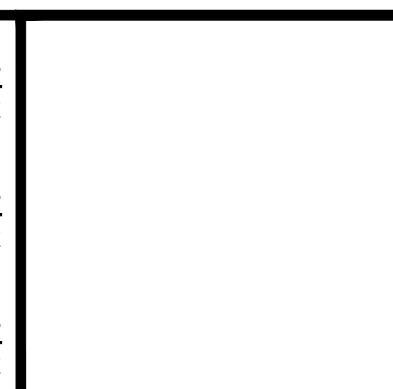
SIGN SCHEDULE									
#	STATION	OFFSET	NEW/EXIST	SIGN CODE	SHEETING CODE	SIGN SIZE	POST SIZE/TYPE/NO.	DESCRIPTION	REMARKS
S11	STA 68+42.20	18.84' L	EXIST	R7-1			SEE STD. PLAN NO. CK-R.43	NO PARKING ANY TIME	REMOVE SIGN

100% SUBMITTAL

DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE



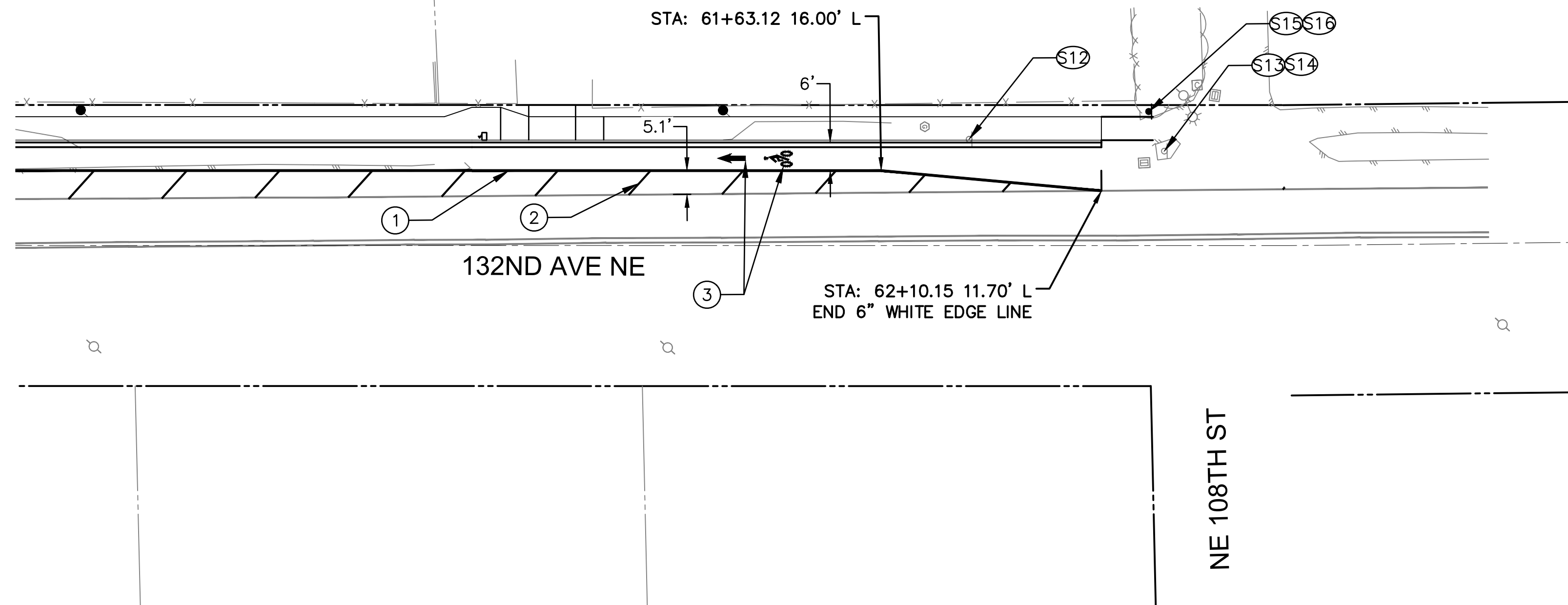
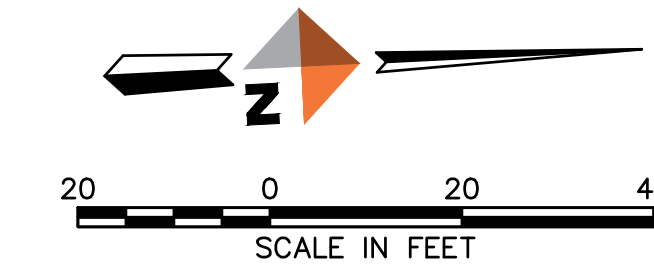
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**132ND AVENUE NE
 PEDESTRIAN IMPROVEMENTS PROJECT
 CHANNELIZATION AND
 SIGNING PLAN (SITE #3)**

SHEET
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 OF
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 SHEETS

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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.

LEGEND

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

PAVEMENT MARKING NOTES

- ① PAINT 6" WHITE SOLID EDGE LINE
- ② PAINT 4" WHITE HATCH LINE
- ③ INSTALL THERMOPLASTIC BICYCLE LANE MARKINGS PER CITY OF KIRKLAND STD. DETAIL NO. R.34

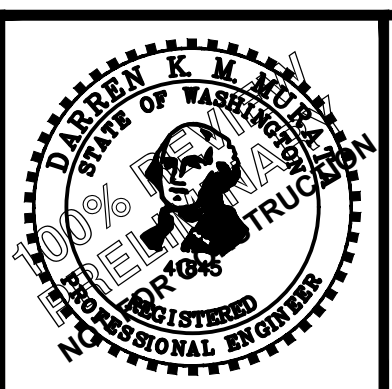
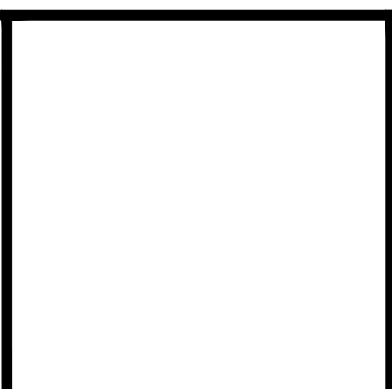
SIGN SCHEDULE									
#	STATION	OFFSET	NEW/EXIST	SIGN CODE	SHEETING CODE	SIGN SIZE	POST SIZE/TYPE/NO.	DESCRIPTION	REMARKS
S12	STA 61+81.88	22.69' L	EXIST				SEE STD. PLAN NO. CK-R.43	NEIGHBORHOOD WATCH	REMOVE SIGN
S13	STA 62+23.55	20.17' L	EXIST	W14-1a			SEE STD. PLAN NO. CK-R.43	DEAD END	REMOVE SIGN
S14	STA 62+23.55	20.17' L	EXIST				SEE STD. PLAN NO. CK-R.43	PRIVATE DRIVE	REMOVE SIGN
S15	STA 62+20.23	28.61' L	NEW	W14-1a			SEE STD. PLAN NO. CK-R.43	DEAD END	INSTALL NEW SIGN
S16	STA 62+20.23	28.61' L	NEW				SEE STD. PLAN NO. CK-R.43	PRIVATE DRIVE	INSTALL NEW SIGN

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DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE



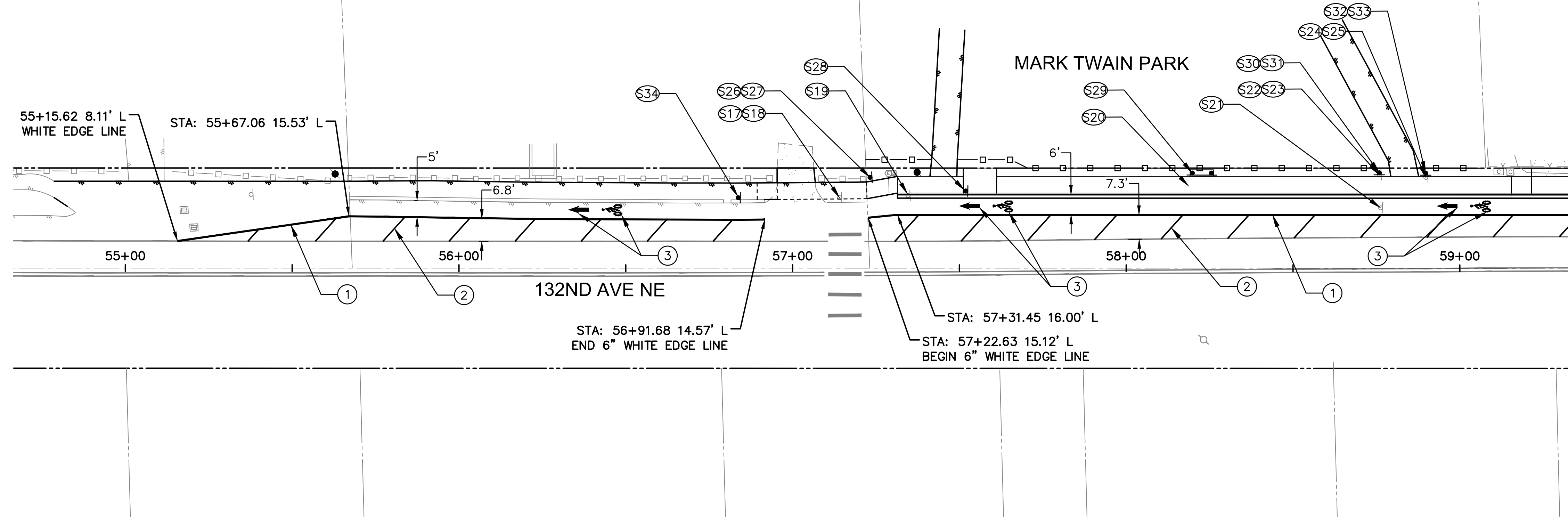
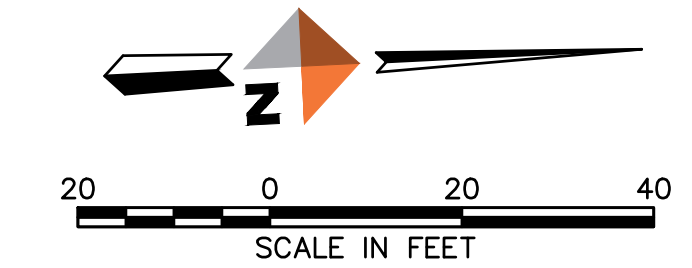
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**132ND AVENUE NE
 PEDESTRIAN IMPROVEMENTS PROJECT
 CHANNELIZATION AND SIGNING
 PLAN (SITE #4)**

SHEET
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 OF
44
 SHEETS

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SIGNING NOTES

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

LEGEND

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

PAVEMENT MARKING NOTES

- PAINT 6" WHITE SOLID EDGE LINE
- PAINT 4" WHITE HATCH LINE
- INSTALL THERMOPLASTIC BICYCLE LANE MARKINGS PER CITY OF KIRKLAND STD. DETAIL NO. R.34

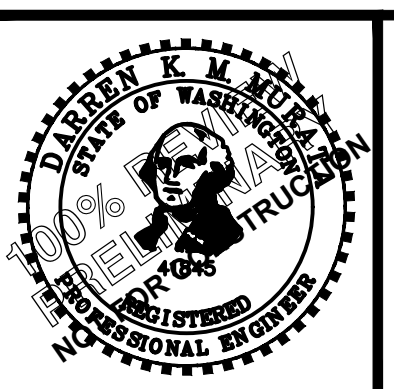
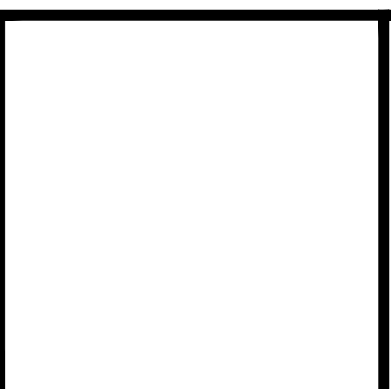
SIGN SCHEDULE									
#	STATION	OFFSET	NEW/EXIST	SIGN CODE	SHEETING CODE	SIGN SIZE	POST SIZE/TYPE/NO.	DESCRIPTION	REMARKS
S17	STA 57+14.08	21.11' L	EXIST	R1-6			SEE STD. PLAN NO. CK-R.43	IN-STREET PED CROSSING	REMOVE SIGN
S18	STA 57+14.08	21.11' L	EXIST	W16-7P			SEE STD. PLAN NO. CK-R.43	DIAGONAL DOWNWARD POINTING ARROW	REMOVE SIGN
S19	STA 57+34.62	21.75' L	EXIST				SEE STD. PLAN NO. CK-R.43	BUS ROUTE INFORMATION	REMOVE SIGN
S20	STA 58+23.75	24.61' L	EXIST				SEE STD. PLAN NO. CK-R.43	PARK NAME LABEL	REMOVE SIGN
S21	STA 58+76.26	18.09' L	EXIST	R7-1			SEE STD. PLAN NO. CK-R.43	NO PARKING ANY TIME	REMOVE SIGN
S22	STA 58+75.83	27.99' L	EXIST				SEE STD. PLAN NO. CK-R.43	PARK CLOSED DUSK TO DAWN	REMOVE SIGN
S23	STA 58+75.83	27.99' L	EXIST				SEE STD. PLAN NO. CK-R.43	PRACTICING OR PLAYING GOLF IS PROHIBITED	REMOVE SIGN
S24	STA 58+89.80	27.22' L	EXIST				SEE STD. PLAN NO. CK-R.43	NO PARKING ON WALKWAY	REMOVE SIGN
S25	STA 58+89.80	27.22' L	EXIST				SEE STD. PLAN NO. CK-R.43	DOGS MUST BE ON LEASH	REMOVE SIGN
S26	STA 57+23.19	27.23' L	NEW	R1-6			SEE STD. PLAN NO. CK-R.43	IN-STREET PED CROSSING	INSTALL NEW SIGN
S27	STA 57+23.19	27.23' L	NEW	W16-7P			SEE STD. PLAN NO. CK-R.43	DIAGONAL DOWNWARD POINTING ARROW	INSTALL NEW SIGN
S28	STA 57+38.58	23.19' L	NEW				SEE STD. PLAN NO. CK-R.43	BUS ROUTE INFORMATION	INSTALL NEW SIGN
S29	STA 58+22.66	27.90' L	NEW				SEE STD. PLAN NO. CK-R.43	PARK NAME LABEL	INSTALL NEW SIGN
S30	STA 58+75.86	28.58' L	NEW				SEE STD. PLAN NO. CK-R.43	PARK CLOSED DUSK TO DAWN	INSTALL NEW SIGN
S31	STA 58+75.86	28.58' L	NEW				SEE STD. PLAN NO. CK-R.43	PRACTICING OR PLAYING GOLF IS PROHIBITED	INSTALL NEW SIGN
S32	STA 58+89.74	28.47' L	NEW				SEE STD. PLAN NO. CK-R.43	NO PARKING ON WALKWAY	INSTALL NEW SIGN
S33	STA 58+89.74	28.47' L	NEW				SEE STD. PLAN NO. CK-R.43	DOGS MUST BE ON LEASH	INSTALL NEW SIGN
S34	STA 56+83.72	21.11' L	NEW	R7-1			SEE STD. PLAN NO. CK-R.43	NO PARKING ANY TIME	INSTALL NEW SIGN

100% SUBMITTAL

DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE



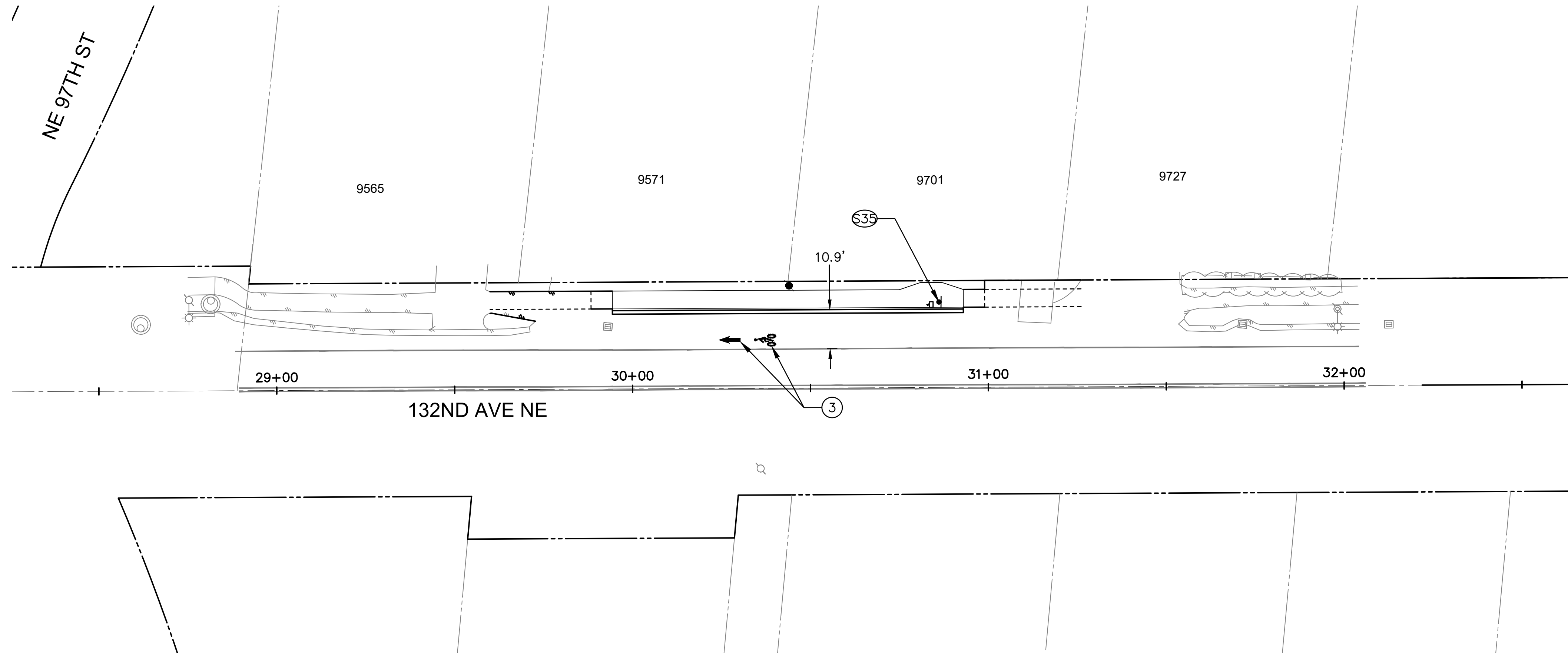
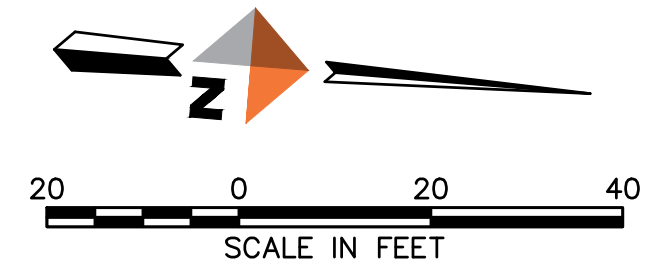
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**132ND AVENUE NE
 PEDESTRIAN IMPROVEMENTS PROJECT
 CHANNELIZATION AND SIGNING
 PLAN (SITE #5)**

SHEET
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 OF
44
 SHEETS

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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.

LEGEND

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

PAVEMENT MARKING NOTES

- ① PAINT 6" WHITE SOLID EDGE LINE
- ② PAINT 4" WHITE HATCH LINE
- ③ INSTALL THERMOPLASTIC BICYCLE LANE MARKINGS PER CITY OF KIRKLAND STD. DETAIL NO. R.34

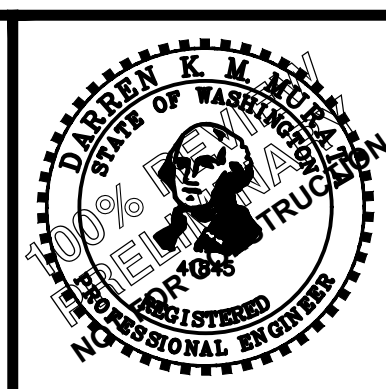
SIGN SCHEDULE									
#	STATION	OFFSET	NEW/EXIST	SIGN CODE	SHEETING CODE	SIGN SIZE	POST SIZE/TYPE/NO.	DESCRIPTION	REMARKS
S35	STA 30+86.21	24.00' L	NEW	R7-1			SEE STD. PLAN NO. CK-R.43	NO PARKING ANY TIME	INSTALL NEW SIGN

100% SUBMITTAL

DATE	NO.	REVISION	BY



K. EAGLE	05-2024
DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE



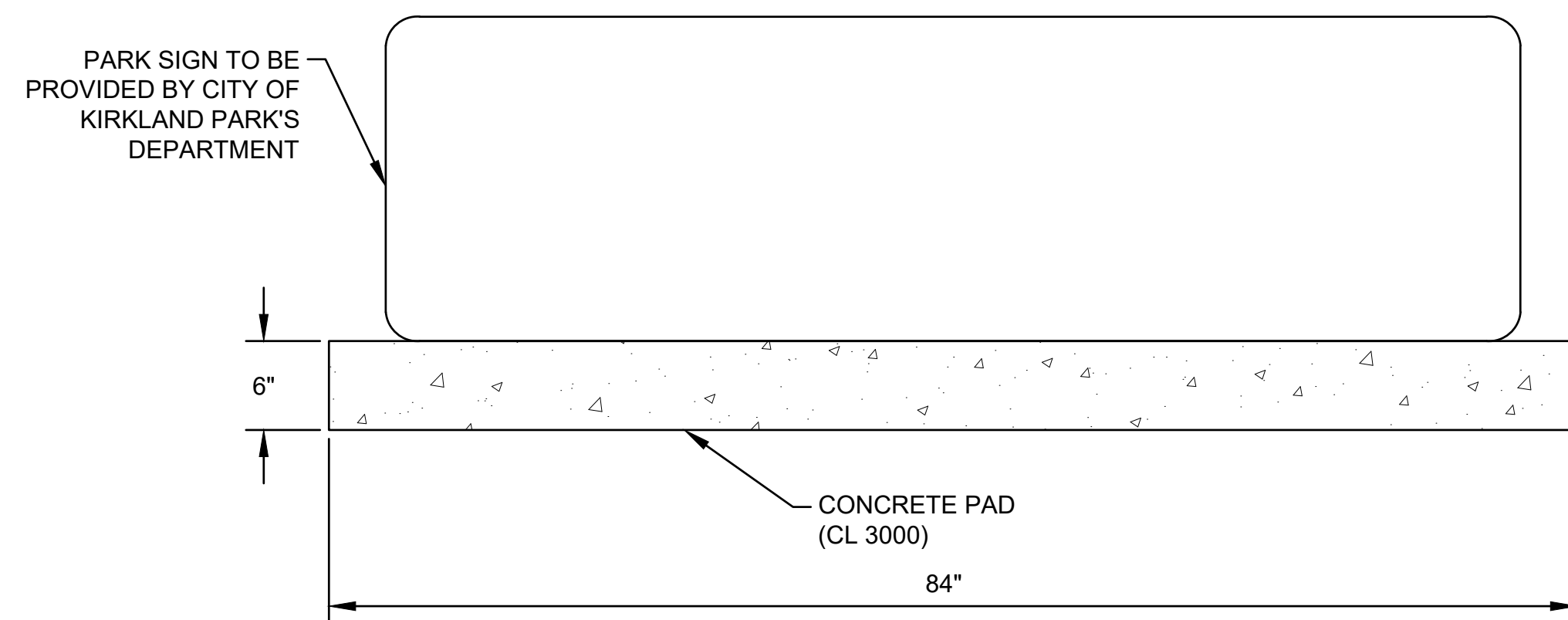
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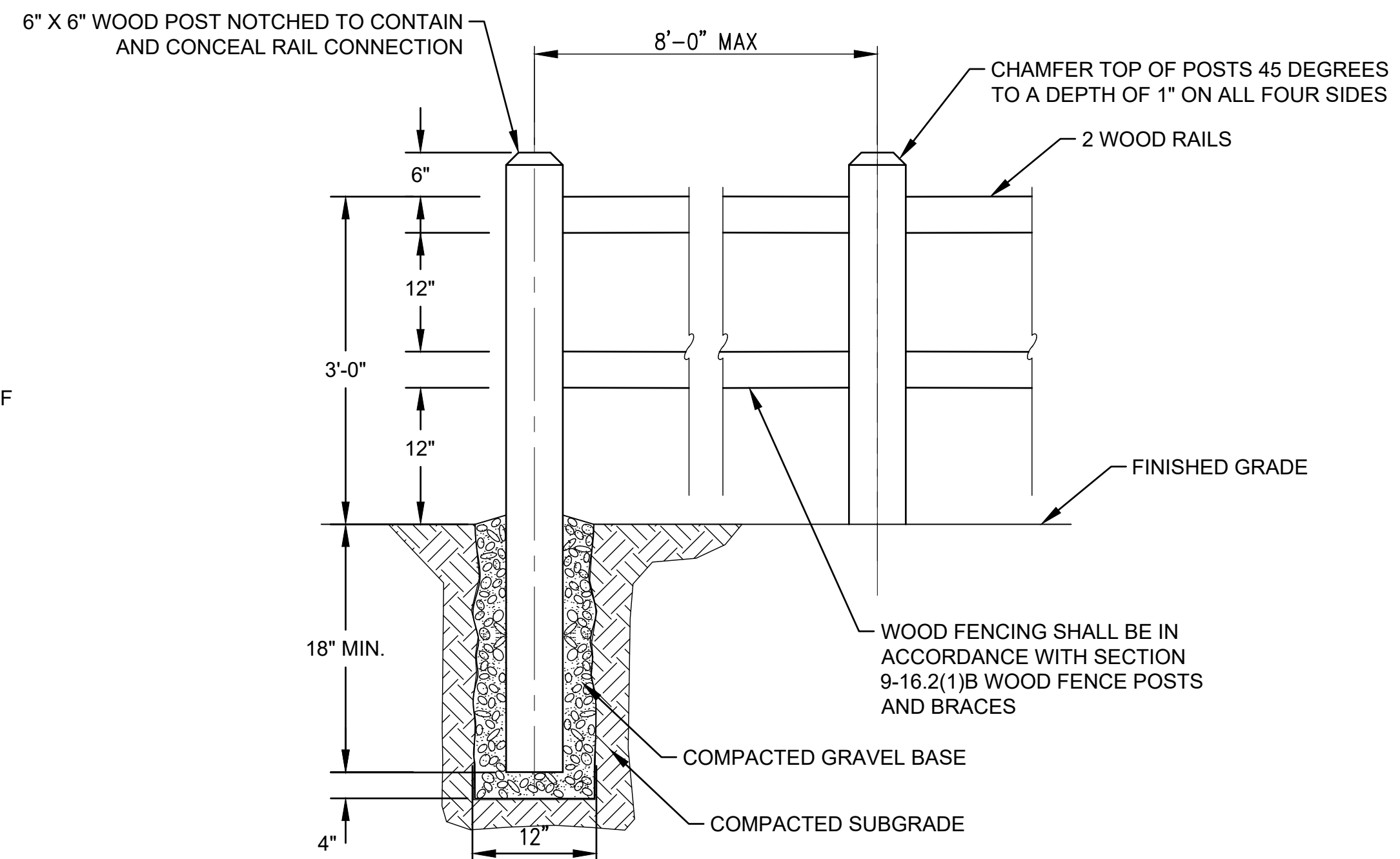
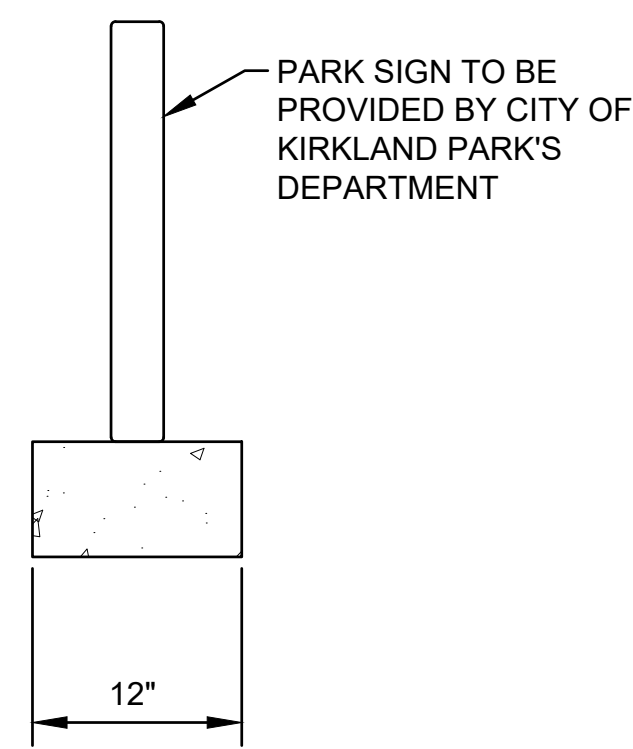
**132ND AVENUE NE
 PEDESTRIAN IMPROVEMENTS PROJECT
 CHANNELIZATION AND SIGNING
 PLAN (SITE #6)**

SHEET
37
 OF
44
 SHEETS

July 11, 2024 - 2:52 PM - KEAGLE - \\DOWL.COM\PROJECTS\2215223-01\65CAD\CIVIL\SC-CT-SP-15223-01.DWG - Layout Name: 38 ROADWAY DETAILS



PARK SIGN CONCRETE PAD SECTION
NOT TO SCALE



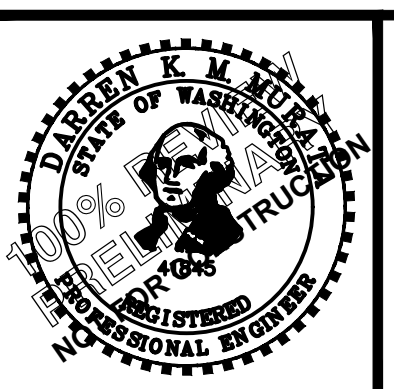
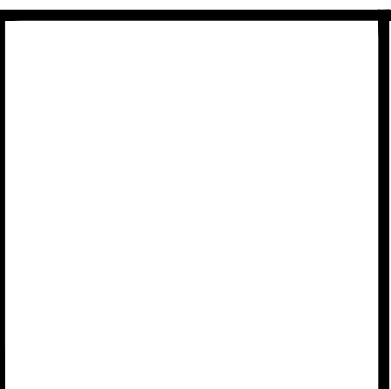
SPLIT RAIL FENCING DETAIL
NOT TO SCALE

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DATE	NO.	REVISION	BY



K. EAGLE	05-2024
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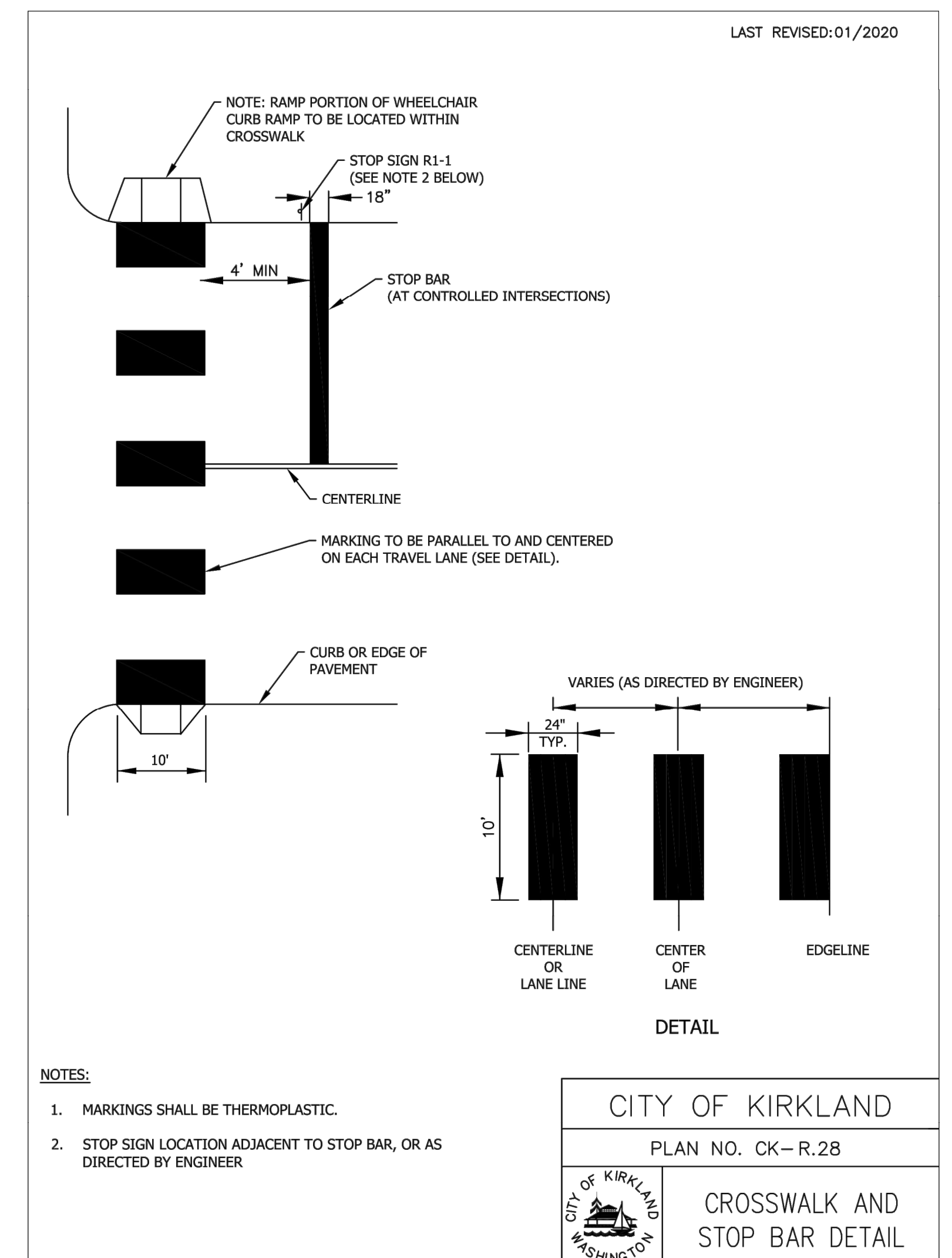
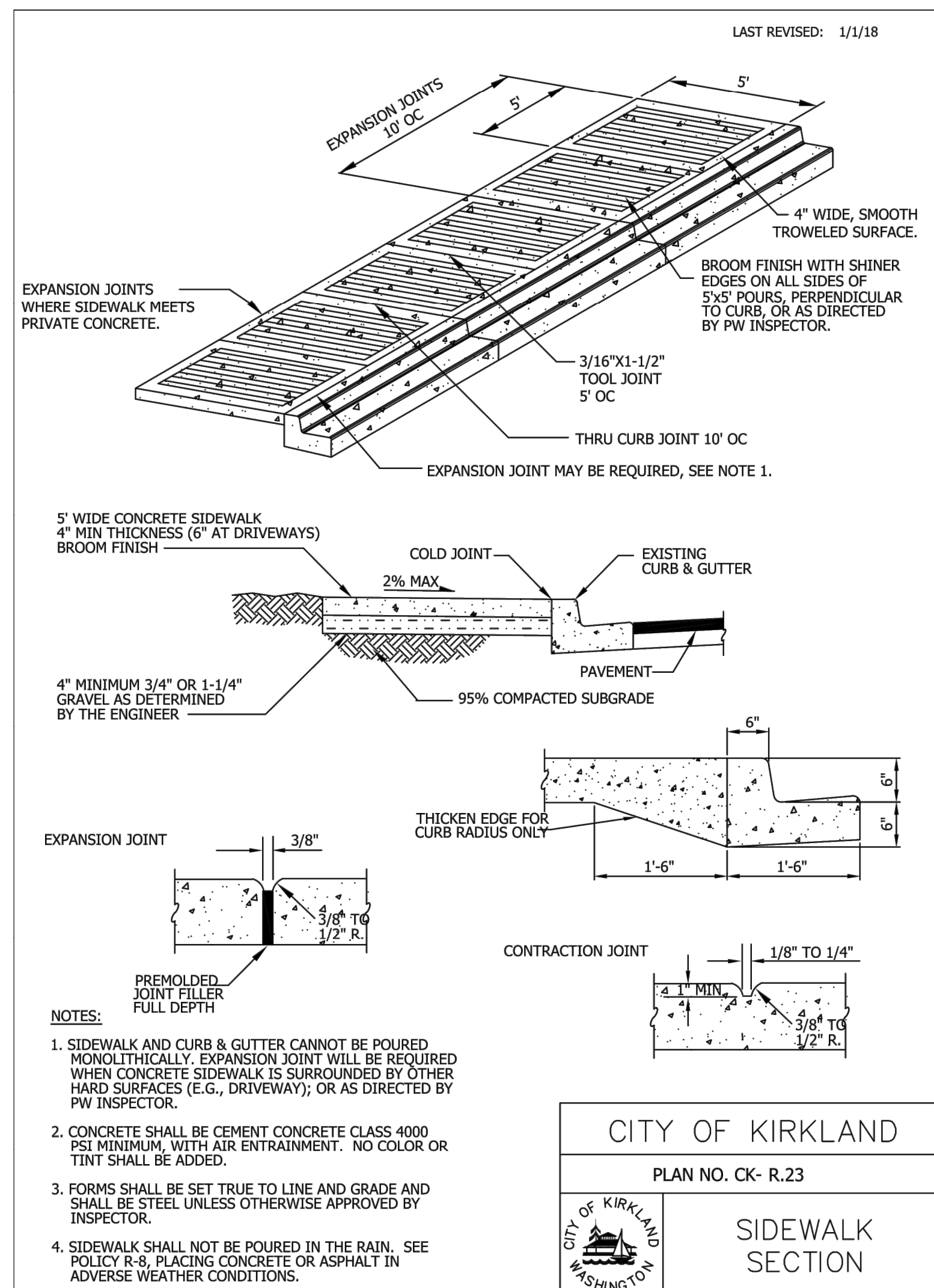
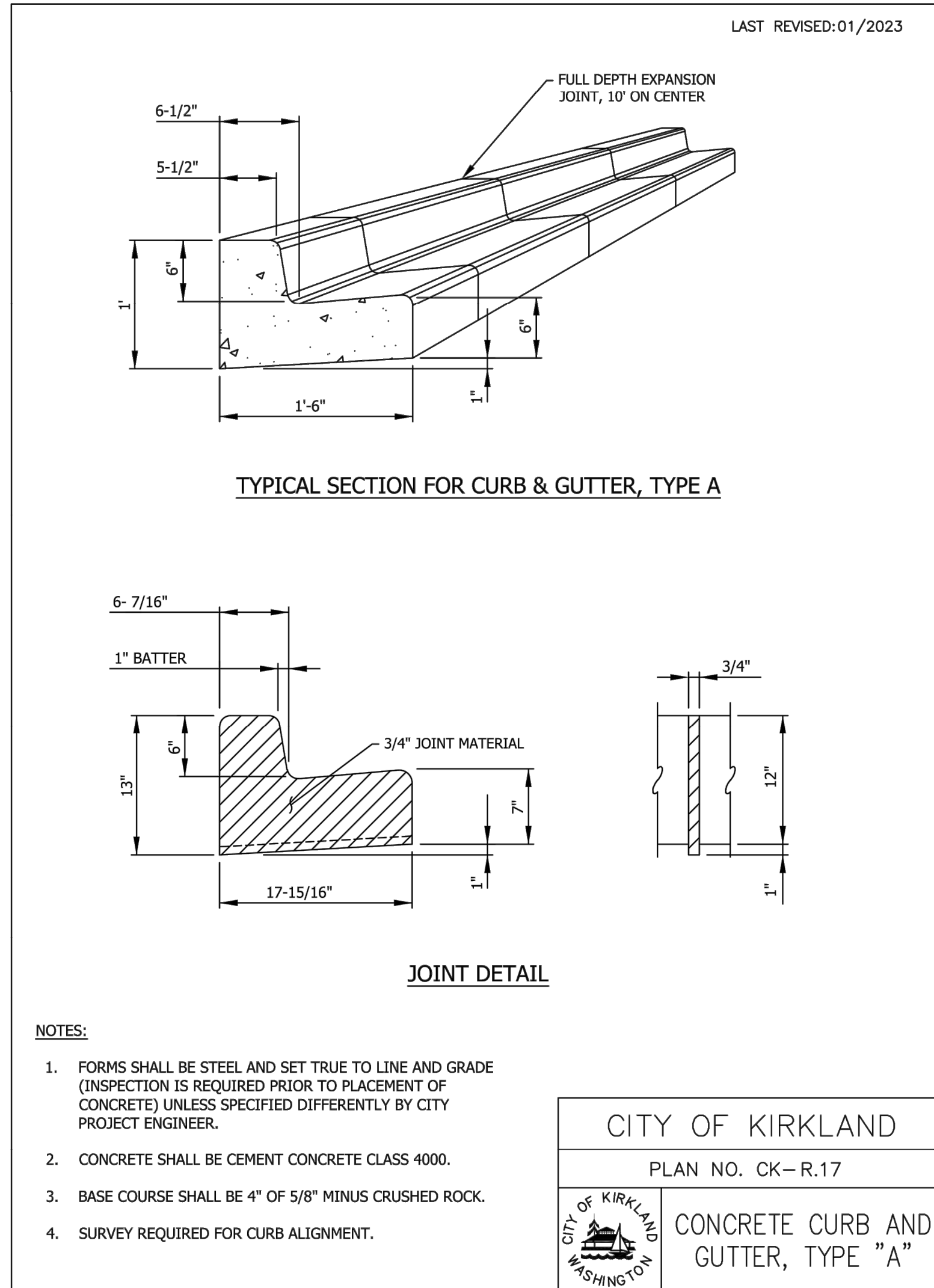
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**132ND AVENUE NE
PEDESTRIAN IMPROVEMENTS PROJECT**

ROADWAY DETAILS

SHEET
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OF
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SHEETS

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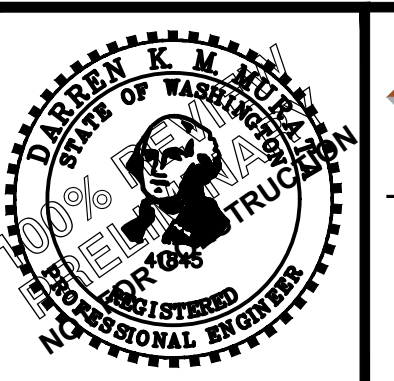
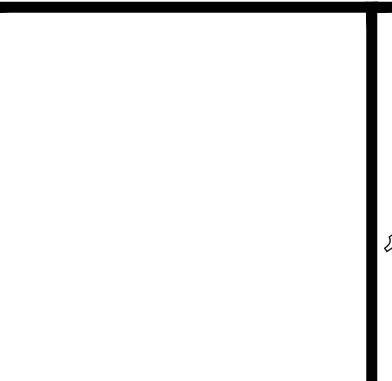


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DATE	NO.	REVISION	BY



K. EAGLE	05-2024
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K. EAGLE	05-2024
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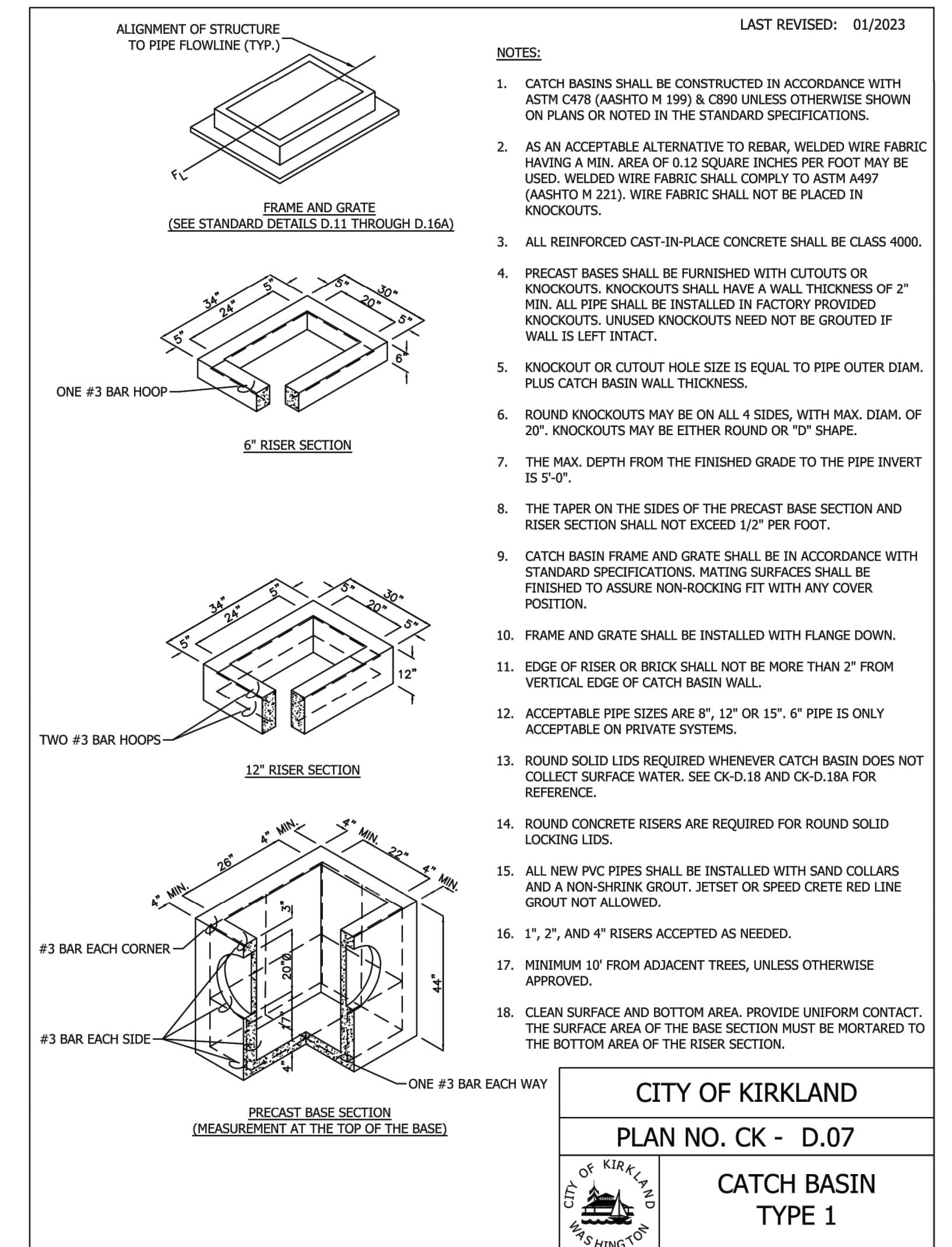
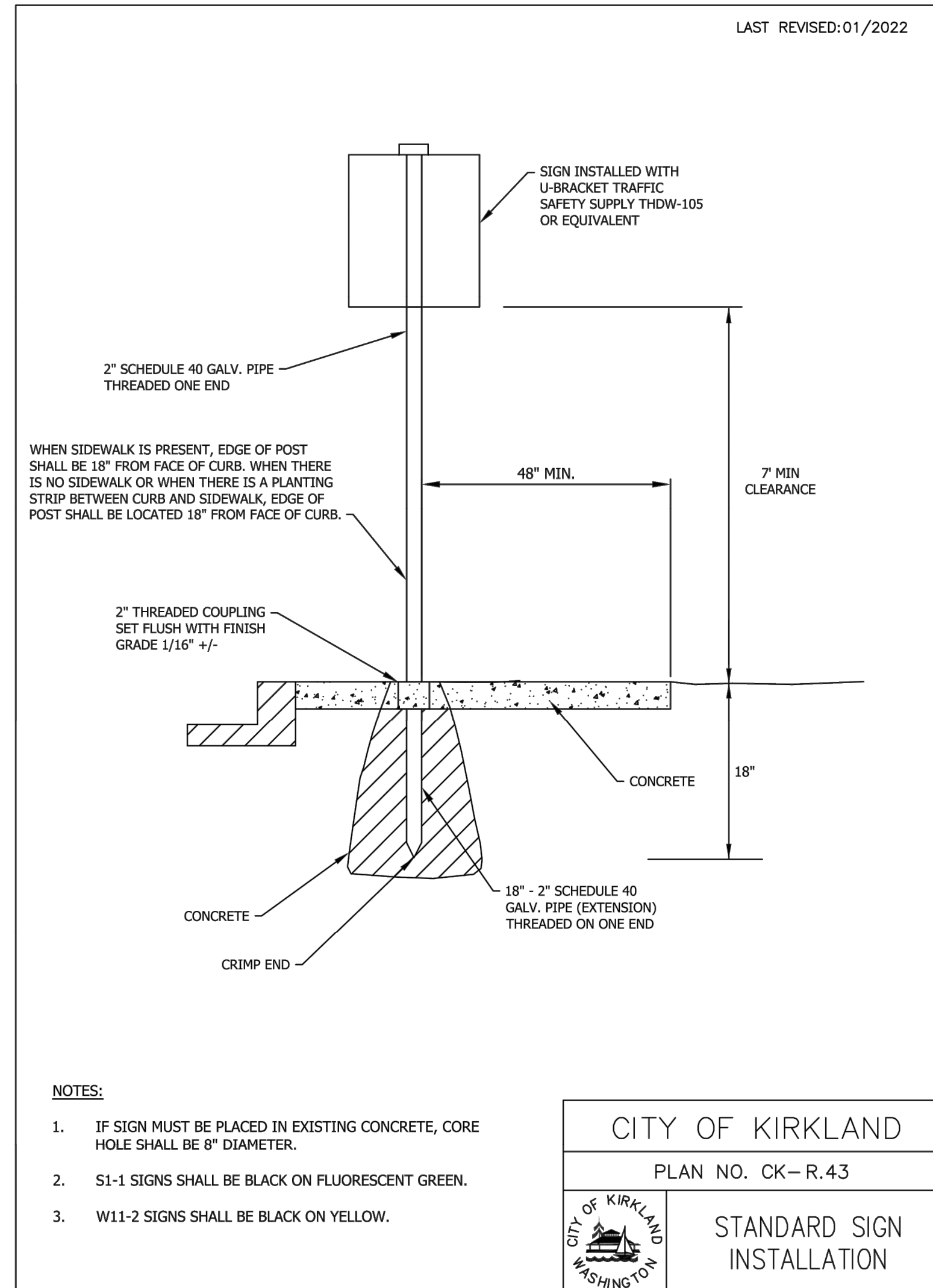
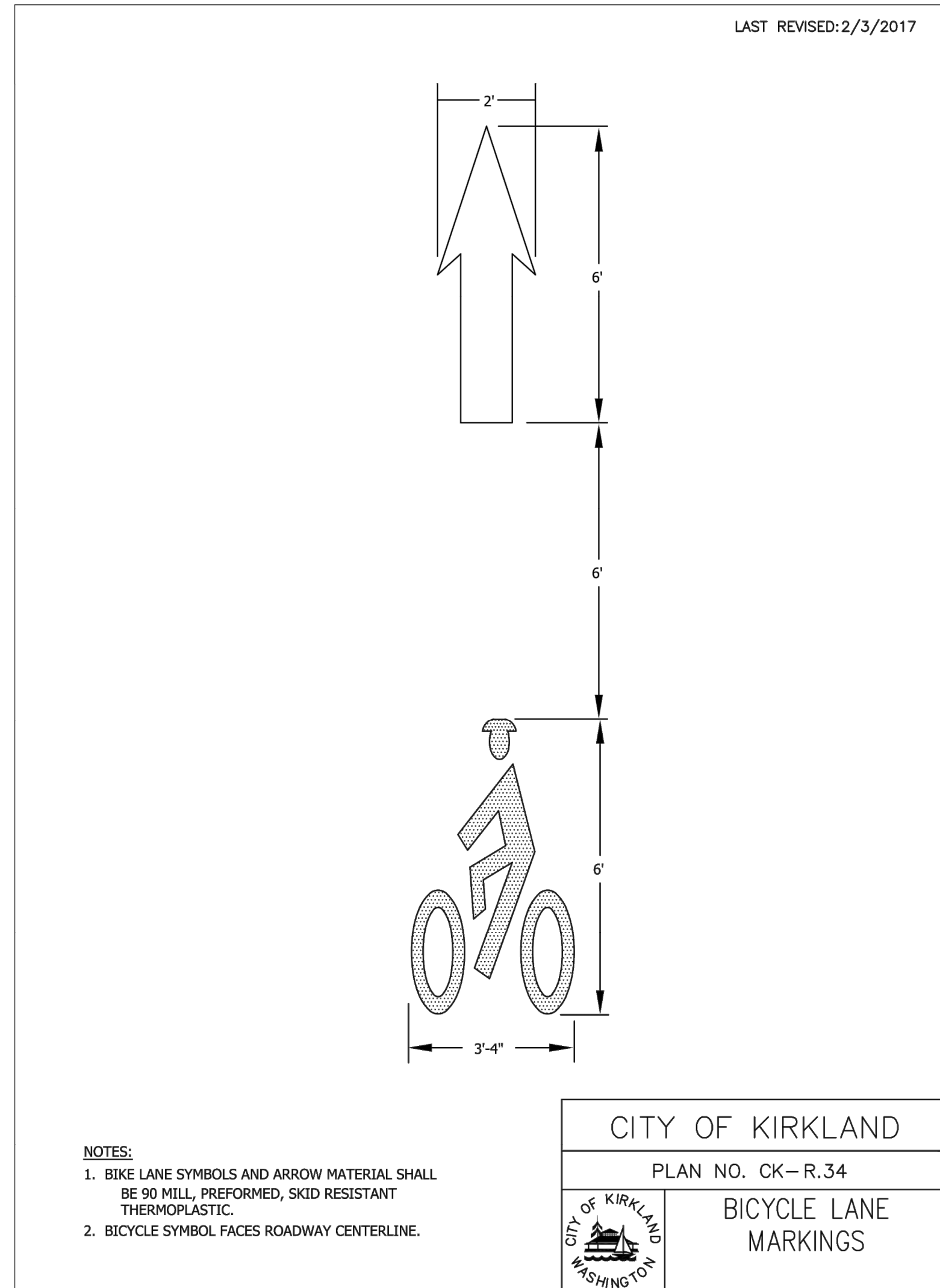
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**132ND AVENUE NE
PEDESTRIAN IMPROVEMENTS PROJECT**

**KIRKLAND PRE-APPROVED
PLANS - ROADWAY**

SHEET
39
OF
44
SHEETS

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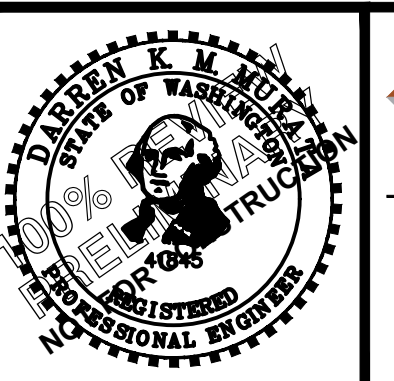
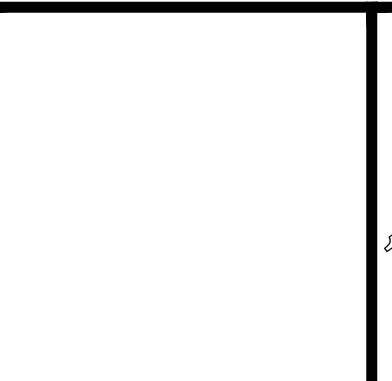


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DATE	NO.	REVISION	BY



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DESIGNED BY:	DATE
K. EAGLE	05-2024
DRAWN BY:	DATE
D. MURATA	07-2024
CHECKED BY:	DATE



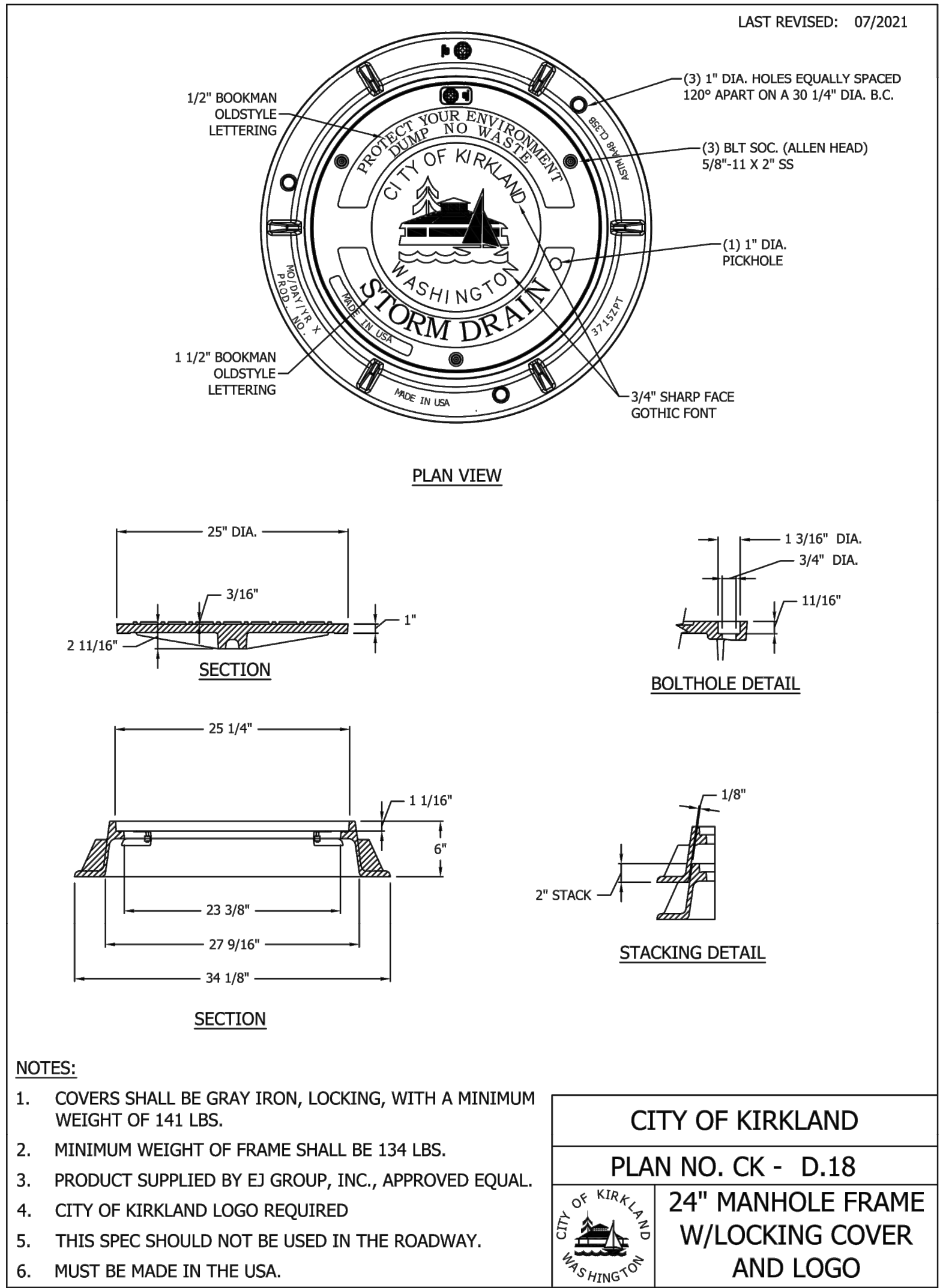
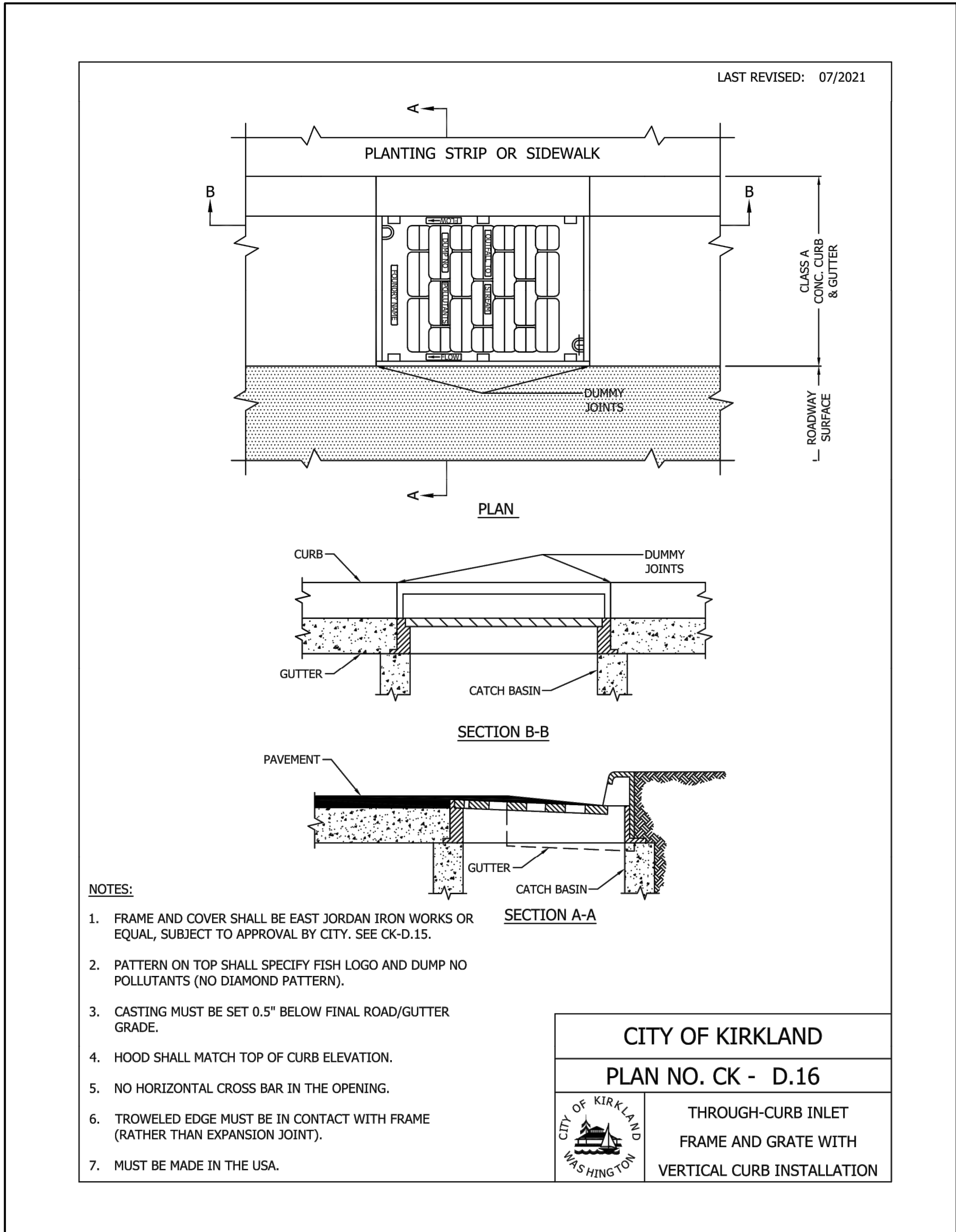
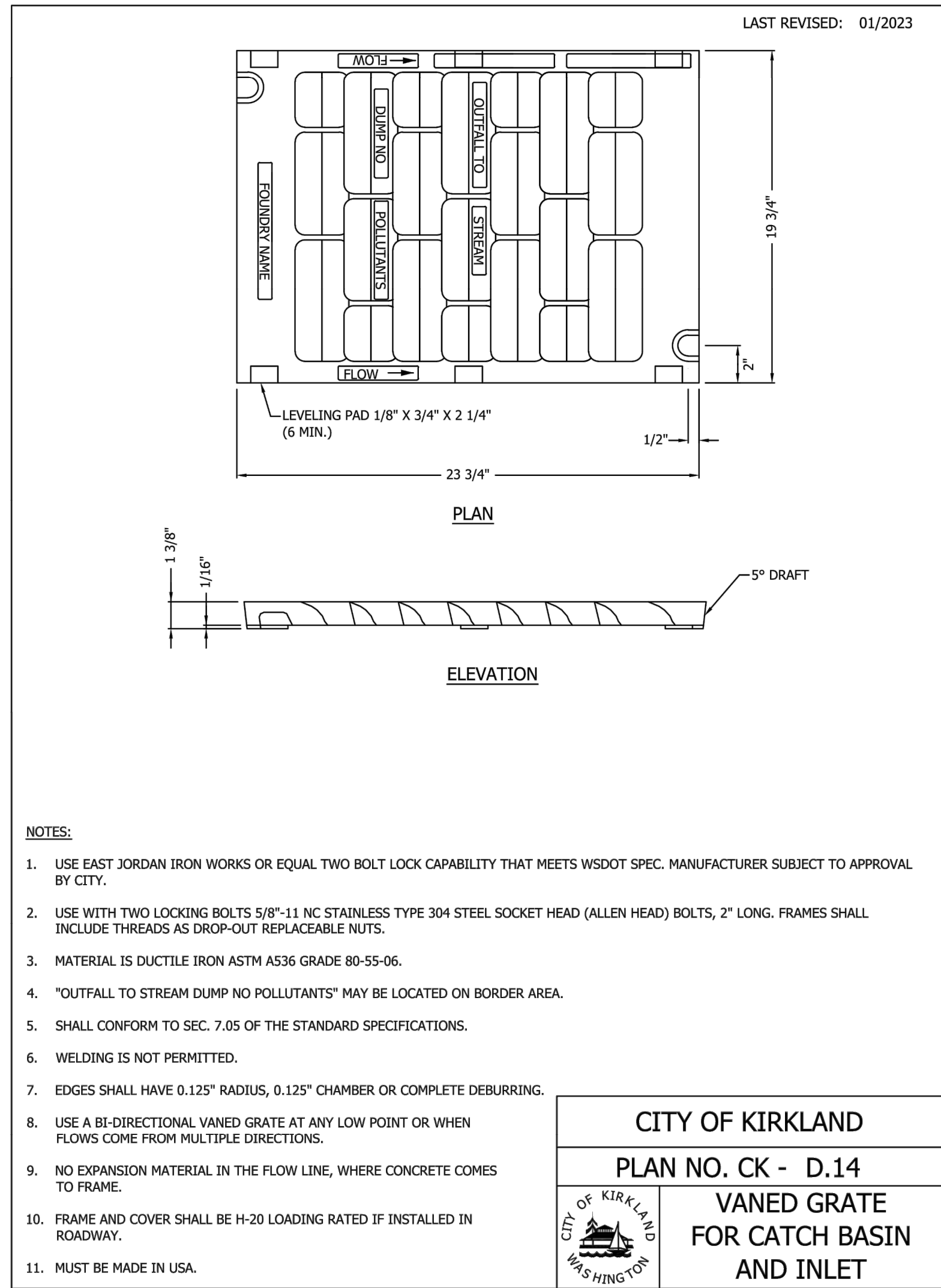
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**132ND AVENUE NE
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**KIRKLAND PRE-APPROVED
PLANS - ROADWAY**

SHEET
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OF
44
SHEETS

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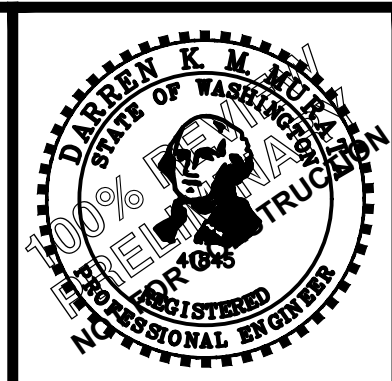


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DATE	NO.	REVISION	BY



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K. EAGLE	05-2024
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D. MURATA	07-2024
CHECKED BY:	DATE



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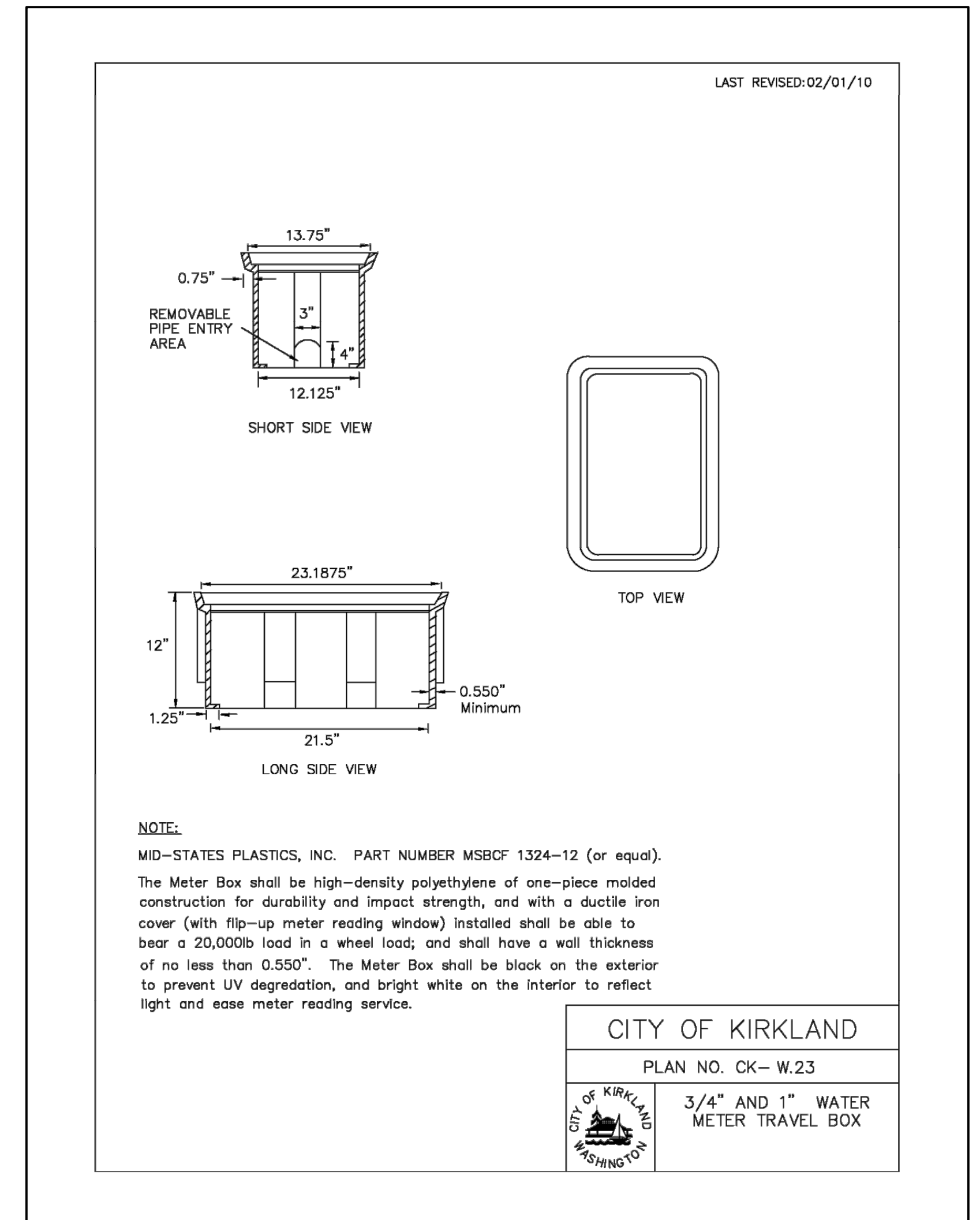
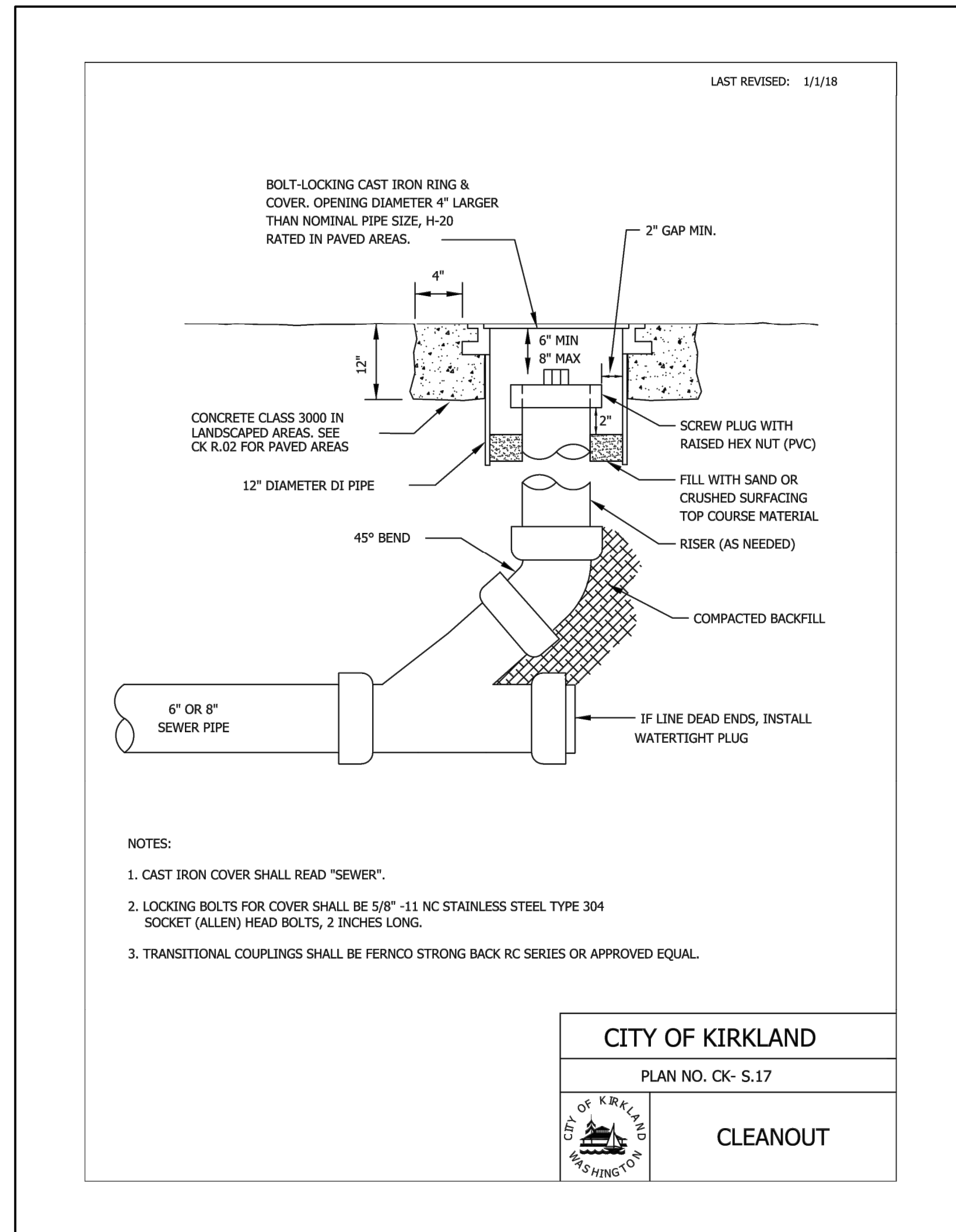
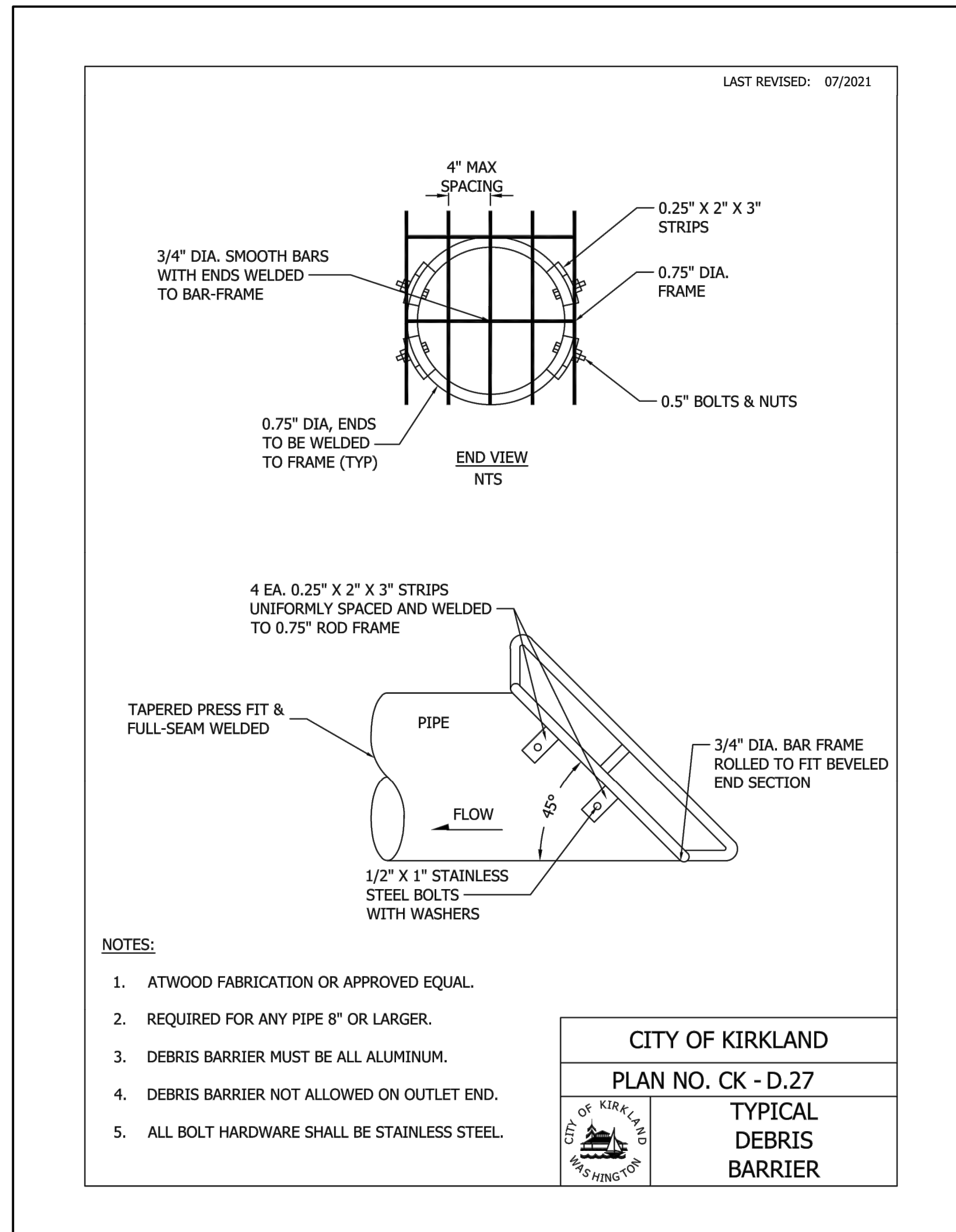
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132ND AVENUE NE
 PEDESTRIAN IMPROVEMENTS PROJECT

KIRKLAND PRE-APPROVED
 PLANS - ROADWAY

SHEET
 41
 OF
 44
 SHEETS

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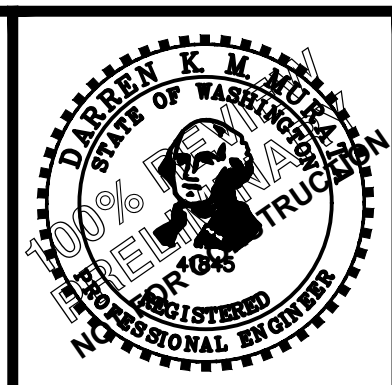
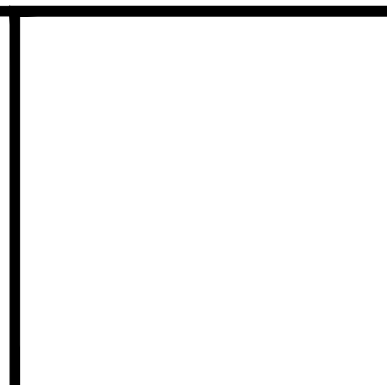


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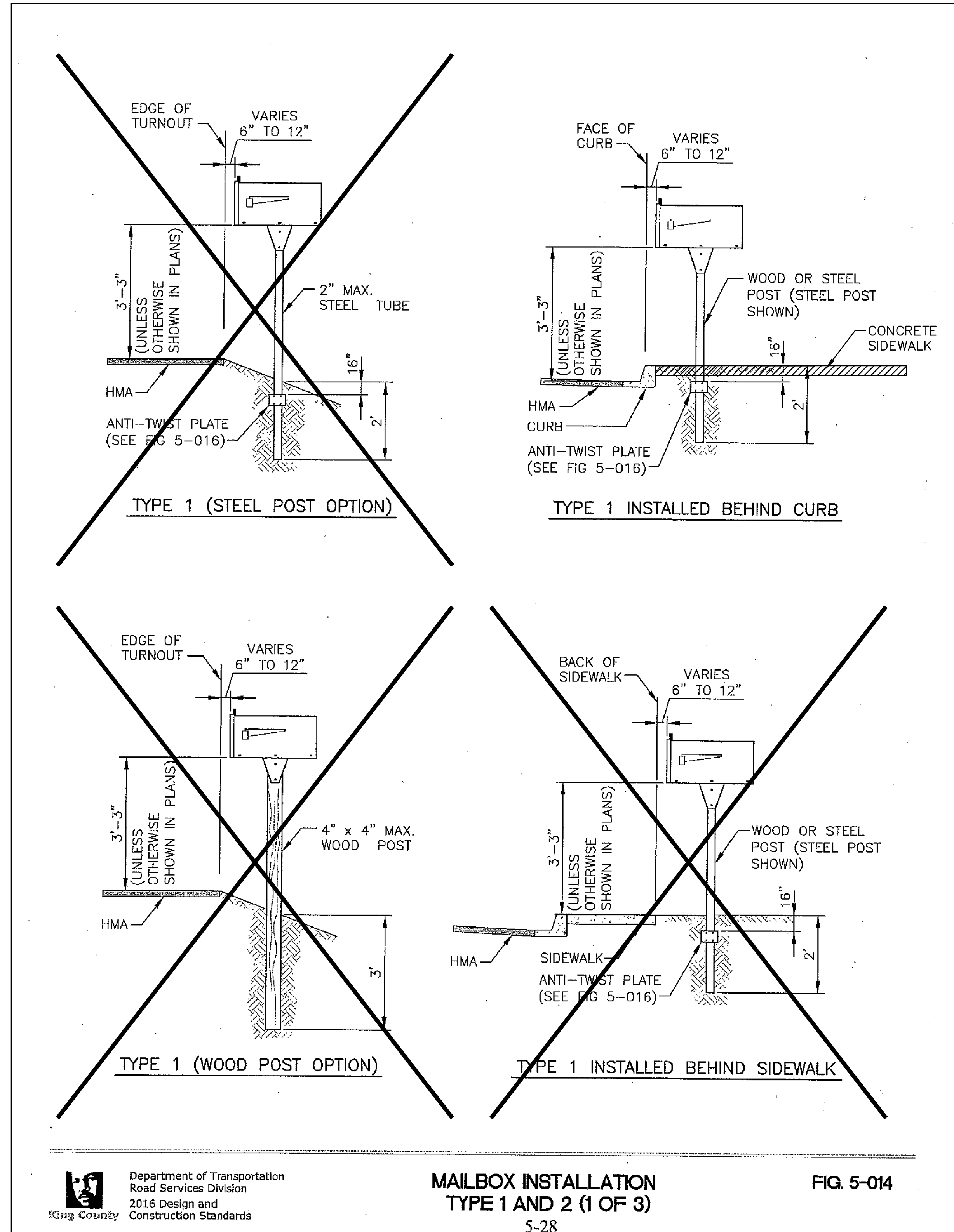
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**132ND AVENUE NE
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**KIRKLAND PRE-APPROVED
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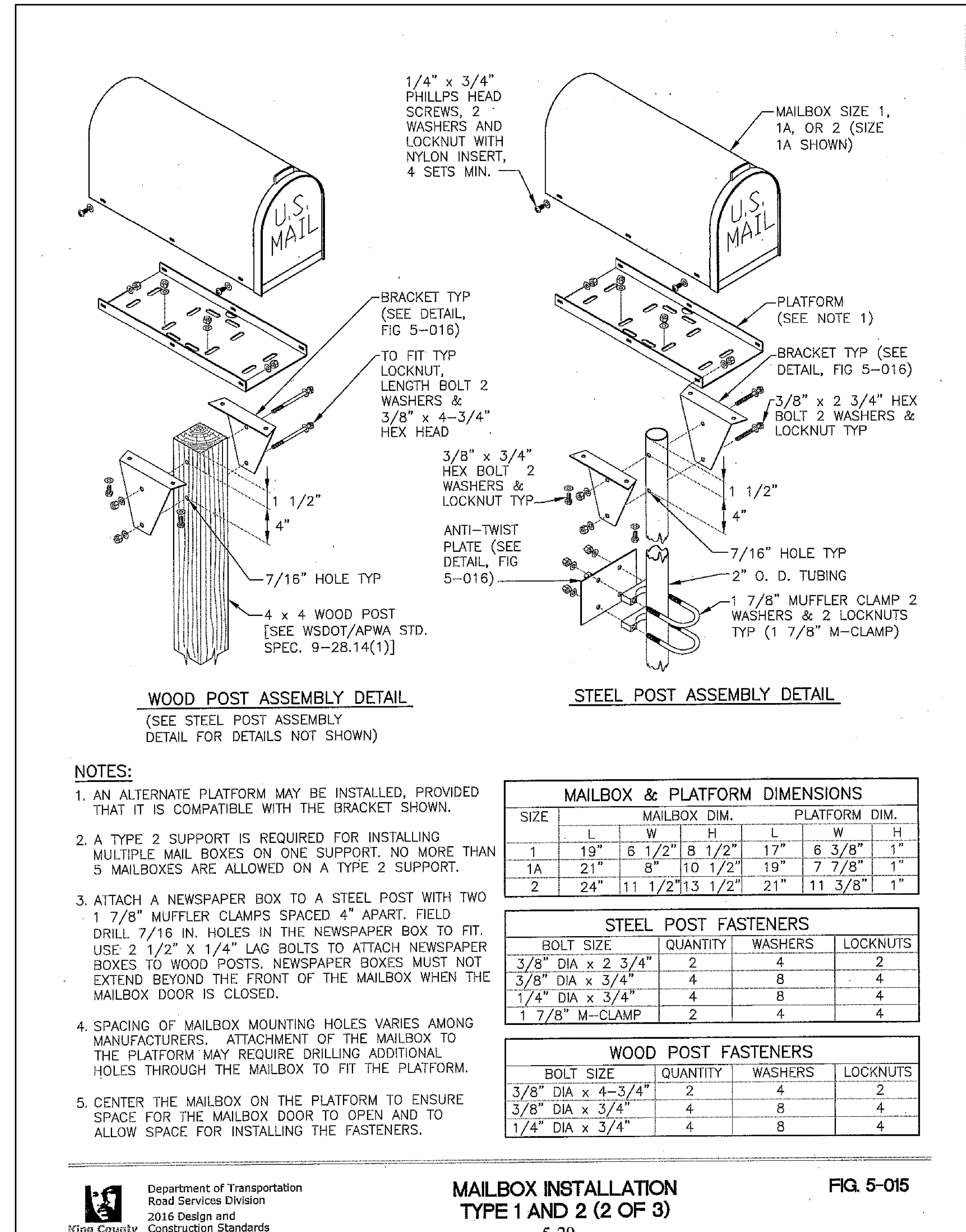


Department of Transportation
Road Services Division
2016 Design and
Construction Standards
King County

MAILBOX INSTALLATION
TYPE 1 AND 2 (1 OF 3)

FIG. 5-014

5-28



Department of Transportation
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2016 Design and
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King County

MAILBOX INSTALLATION
TYPE 1 AND 2 (2 OF 3)

FIG. 5-015

MAILBOX & PLATFORM DIMENSIONS

SIZE	MAILBOX DIM.			PLATFORM DIM.		
	L	W	H	L	W	H
1	19"	6 1/2"	8 1/2"	17"	6 3/8"	1"
1A	21"	8"	10 1/2"	19"	7 7/8"	1"
2	24"	11 1/2"	13 1/2"	21"	11 3/8"	1"

STEEL POST FASTENERS

BOLT SIZE	QUANTITY	WASHERS	LOCKNUTS
3/8" DIA x 2 3/4"	2	4	2
3/8" DIA x 3/4"	4	8	4
1/4" DIA x 3/4"	4	8	4
1 7/8" M-CLAMP	2	4	4

WOOD POST FASTENERS

BOLT SIZE	QUANTITY	WASHERS	LOCKNUTS
3/8" DIA x 4-3/4"	2	4	2
3/8" DIA x 3/4"	4	8	4
1/4" DIA x 3/4"	4	8	4

NOTES:

1. AN ALTERNATE PLATFORM MAY BE INSTALLED, PROVIDED THAT IT IS COMPATIBLE WITH THE BRACKET SHOWN.
2. A TYPE 2 SUPPORT IS REQUIRED FOR INSTALLING MULTIPLE MAIL BOXES ON ONE SUPPORT. NO MORE THAN 5 MAILBOXES ARE ALLOWED ON A TYPE 2 SUPPORT.
3. ATTACH A NEWSPAPER BOX TO A STEEL POST WITH TWO 1 7/8" MUFFLER CLAMPS SPACED 4" APART. FIELD DRILL 7/16 IN. HOLES IN THE NEWSPAPER BOX TO FIT. USE 2 1/2" X 1/4" LAG BOLTS TO ATTACH NEWSPAPER BOXES TO WOOD POSTS. NEWSPAPER BOXES MUST NOT EXTEND BEYOND THE FRONT OF THE MAILBOX WHEN THE MAILBOX DOOR IS CLOSED.
4. SPACING OF MAILBOX MOUNTING HOLES VARIES AMONG MANUFACTURERS. ATTACHMENT OF THE MAILBOX TO THE PLATFORM MAY REQUIRE DRILLING ADDITIONAL HOLES THROUGH THE MAILBOX TO FIT THE PLATFORM.
5. CENTER THE MAILBOX ON THE PLATFORM TO ENSURE SPACE FOR THE MAILBOX DOOR TO OPEN AND TO ALLOW SPACE FOR INSTALLING THE FASTENERS.

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D. MURATA 07-2024
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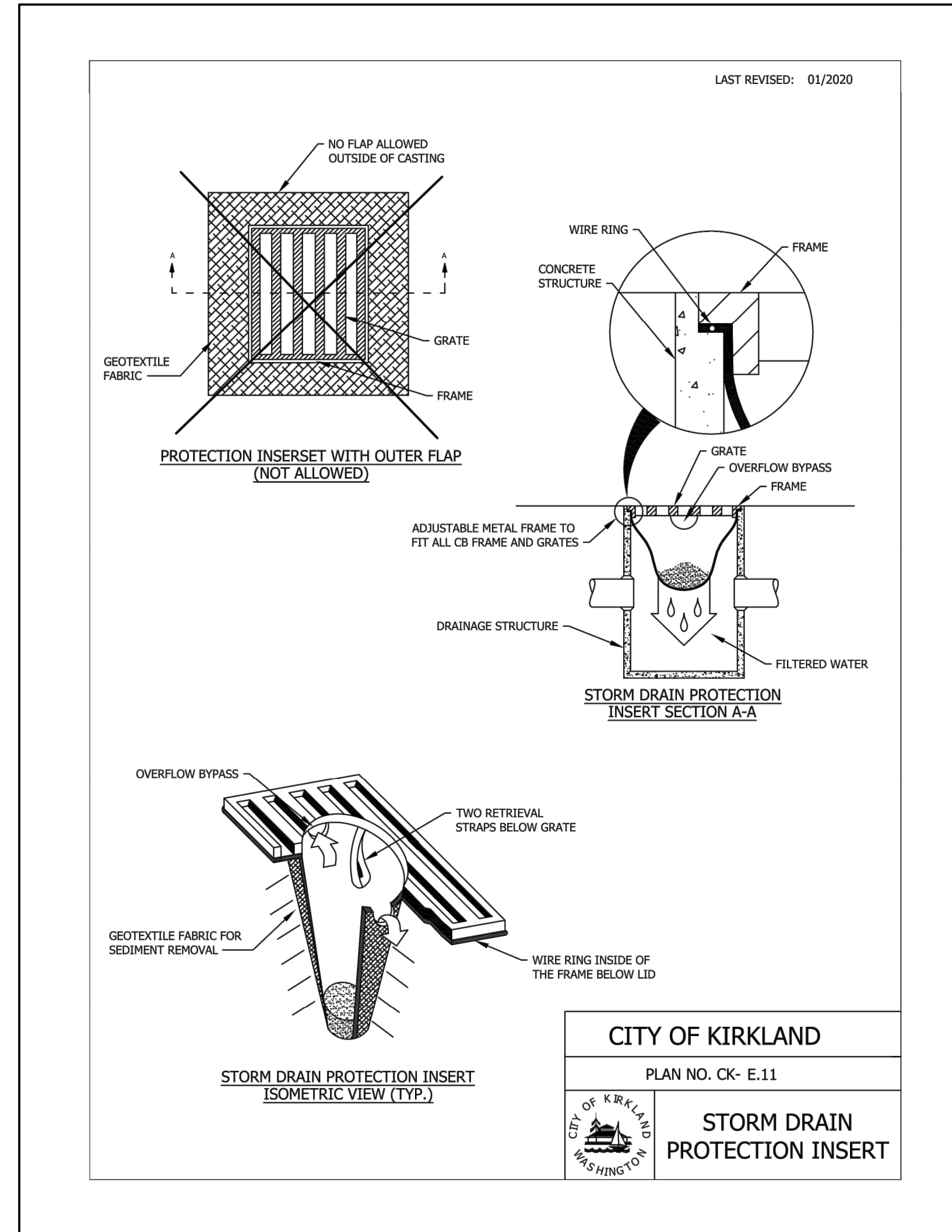
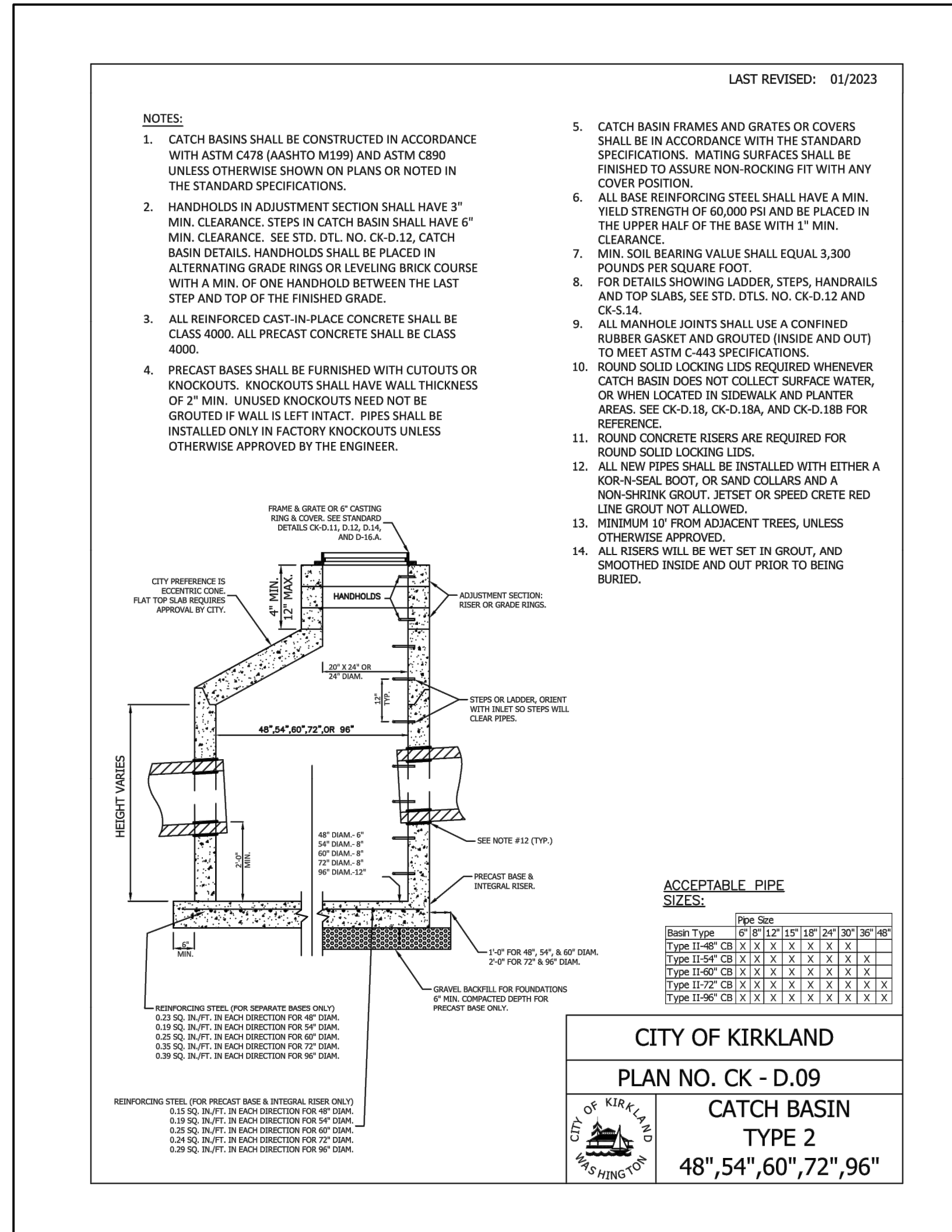
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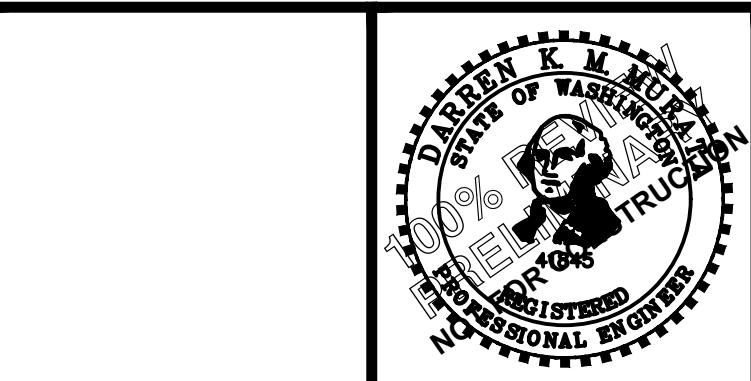


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