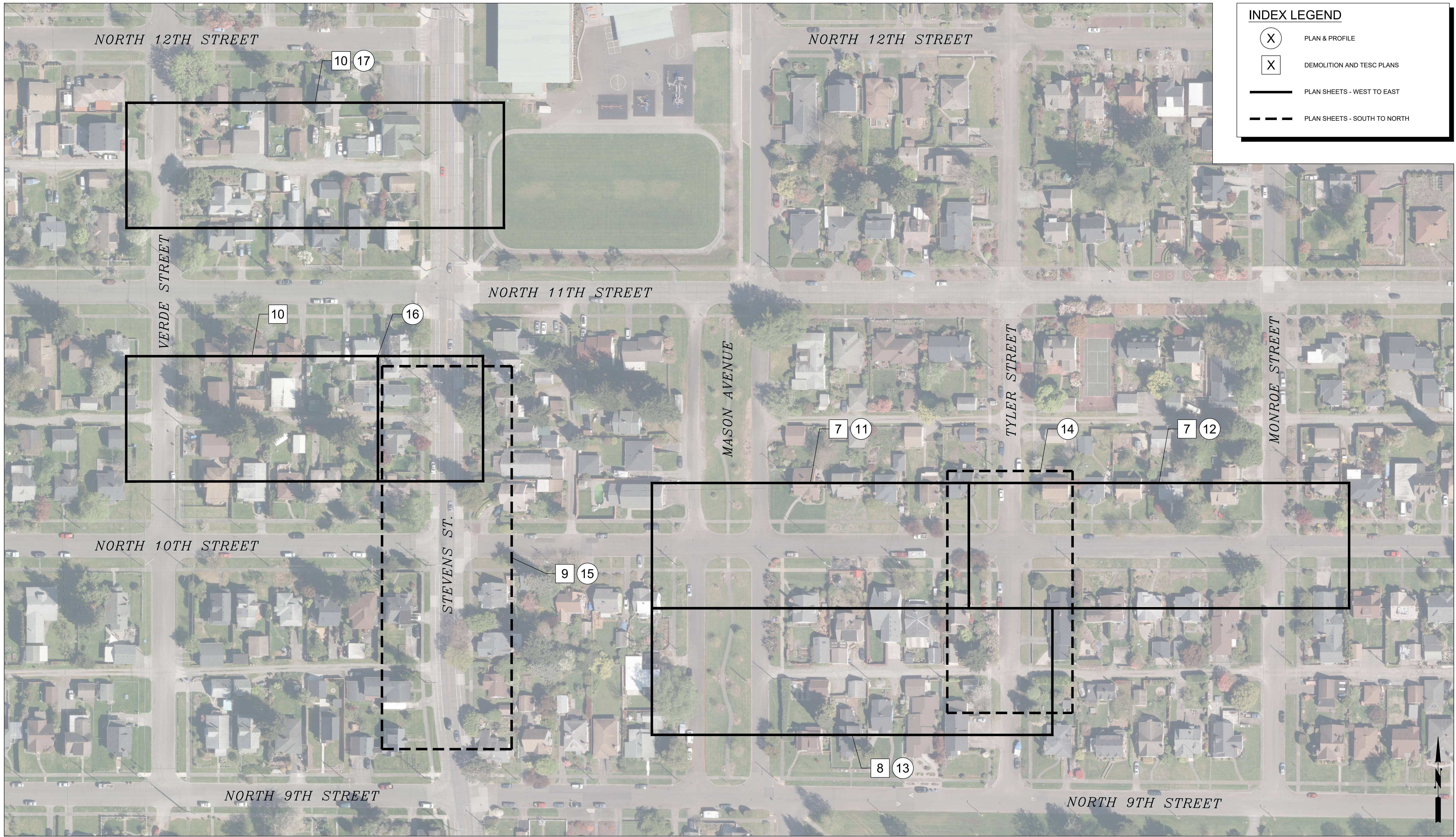


DATE: 11/12/2024 10:41 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS GENERAL LAYOUT: 2 LEGEND & ABBREVIATIONS

REFERENCE LINETYPES			WATER		POWER		TRAFFIC SIGNAL INTERCONNECT AND LIGHTING		ABBREVIATIONS		GENERAL SEWER NOTES	
EXISTING	DESCRIPTION		SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION		
	PROPERTY LINE			SPRINKLER HEAD		POWER POLE		DIAMOND DETECTOR 6X8	&	AND	LF	LINEAR FEET
	EASEMENT LINE			SPRINKLER CONTROL BOX		POWER VAULT (UNDERGROUND)		SQUARE DETECTOR 6X6	@	AT	LHT	LIGHTING
	RIGHT OF WAY			FIRE HYDRANT		POWER VAULT (ABOVE GROUND)		CIRCLE DETECTOR 6"	CL	CENTERLINE	LP	LIGHT POLE
	CENTER LINE			GATE VALVE		POLE ANCHOR		VIDEO CAMERA	PL	PROPERTY LINE	L	LEFT
	TEMPORARY CONSTRUCTION PERMIT LINE			CROSS				PEDESTRIAN SIGNAL HEAD	%	PERCENT		
				TEE				TRAFFIC SIGNAL POLE	#	NUMBER	MAG	SURVEY MAG NAIL
				REDUCER				VEHICLE SIGNAL HEAD	Ø	DIAMETER	MAX	MAXIMUM
				WATER METER				VEHICLE SIGNAL HEAD W/ARROW INDICATOR	Ø	DIAMETER	MB	MAILBOX
								OVERHEAD SIGN ASSEMBLY	Ø	DIAMETER	MED	MEDIUM
								TRAFFIC CONTROL SIGN	Ø	DIAMETER	MEMB	MEMBRANE
								SIGN	Ø	DIAMETER	MET	METAL
								SIGNAL CONTROLLER CABINET	Ø	DIAMETER	MFR	MANUFACTURER
								JUNCTION BOX	Ø	DIAMETER	MH	MANHOLE
								JUNCTION BOX (LARGE)	Ø	DIAMETER	MIC	MONUMENT IN CASE
								UTILITY POLE	Ø	DIAMETER	MIN	MINIMUM
								UTILITY POLE W/LIGHT	Ø	DIAMETER	MISC	MISCELLANEOUS
								STREET LIGHT ON FOUNDATION	Ø	DIAMETER	MON	MONUMENT
								ORNAMENTAL POST TOP	Ø	DIAMETER		
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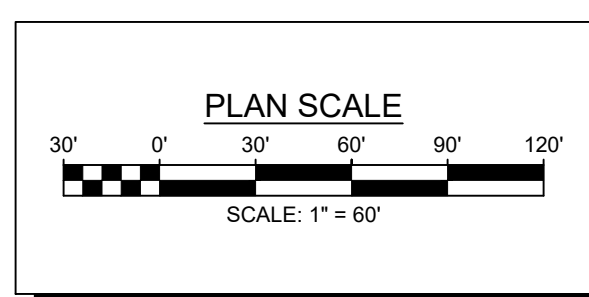
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INDEX LEGEND

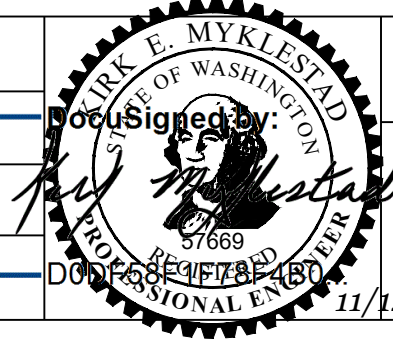
- X PLAN & PROFILE
- X DEMOLITION AND TESC PLANS
- PLAN SHEETS - WEST TO EAST
- PLAN SHEETS - SOUTH TO NORTH

BID SET



NO	REVISION	DATE	APPD

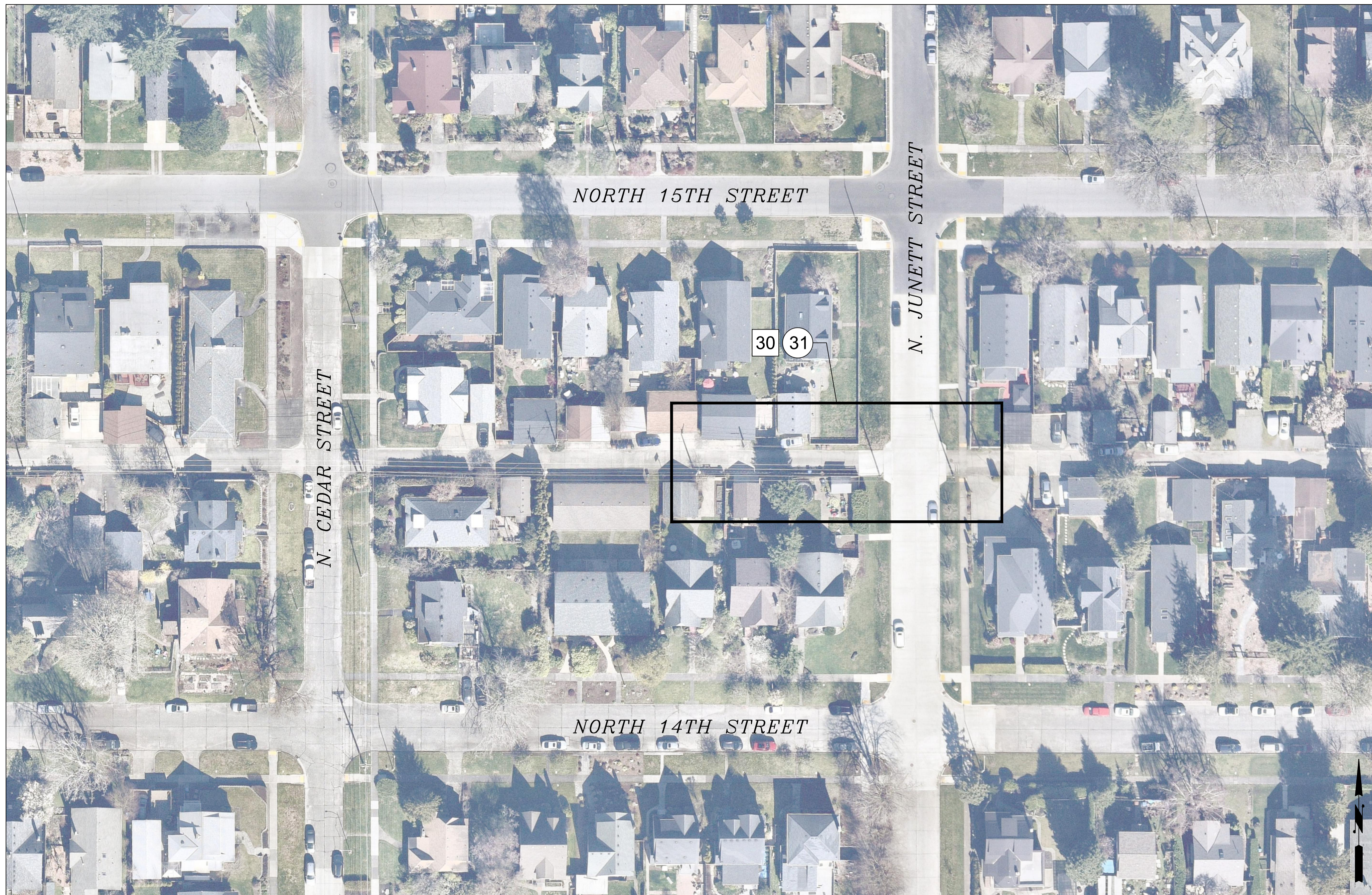
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BY	DESIGNED	CHECKED
	KM	EV
DATE	DRAWN	FIELD BOOK
	JP	
DRAWING NAME		
ENV-04025-03 PS General.dwg		




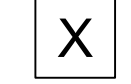

CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
 WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
 Vicinity of 10th and Stevens
 Overall Site Plan and Sheet Layout

SPEC. NO.	ES24-0157F
WBS NO.	
SHEET NO.	ENV-04025-03
SHEET	3 OF 33

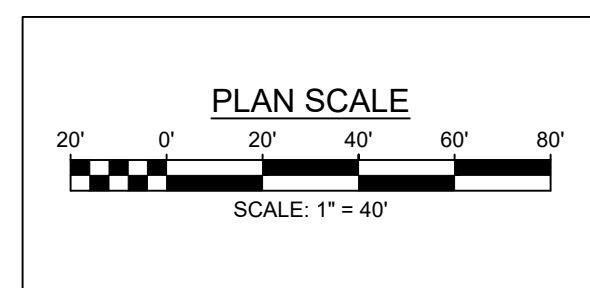
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INDEX LEGEND

-  PLAN & PROFILE
-  DEMOLITION AND TESC PLANS
-  PLAN SHEETS - WEST TO EAST

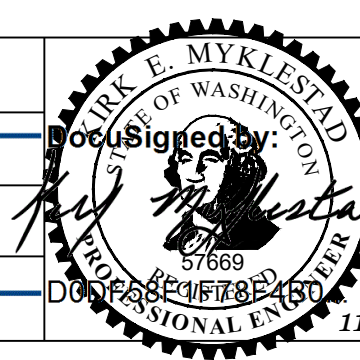
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NO	REVISION	DATE	APPD

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BY	DESIGNED	CHECKED
	KM	EW
DATE	DRAWN	FIELD BOOK
	JP	

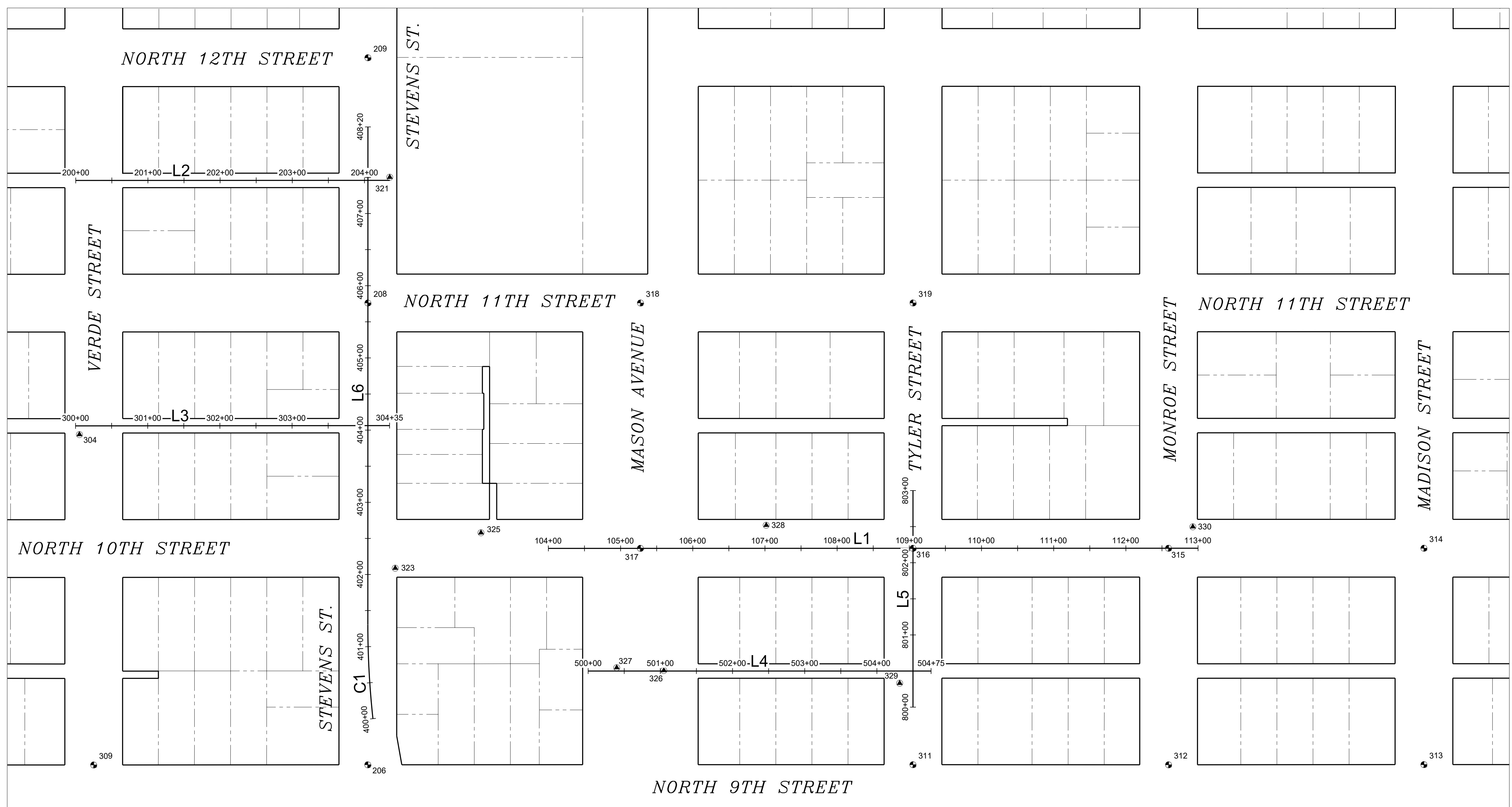
DRAWING NAME	DATE
ENV-04025-03 PS General.dwg	11/12/2024



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
 WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
 Alley from North Cedar Street to North Junett Street
 Overall Site Plan and Sheet Layout

SPEC. NO.	ES24-0157F
WBS NO.	
SHEET NO.	ENV-04025-03
SHEET	4 OF 33

DATE: 11/12/2024 10:43 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS SURVEY CONTROL LAYOUT: 6 SURVEY CONTROL PLAN



SURVEY CONTROL				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
206	708214.29	1144786.06	367.49	SBM N9 STE
208	708853.82	1144800.92	370.66	SBM N11 ST
209	709193.43	1144808.75	378.08	SBM N12 ST
304	708680.83	1144397.14	377.12	HTK
309	708222.72	1144406.43	375.19	MIC N9 VER
311	708196.97	1145541.00	365.56	SBM N9 TYL
312	708188.70	1145895.04	355.95	SBM N9 MON
313	708180.81	1146248.68	352.50	SBM N9 MAD
314	708480.46	1146255.57	351.28	SBM N10 MA
315	708488.59	1145901.82	353.70	SBM N10 MO
316	708496.64	1145547.95	368.42	SBM N10 TY
317	708505.34	1145170.46	369.94	SBM N10 MA
318	708845.03	1145178.34	371.37	SBM N11 MA
319	708836.43	1145555.79	366.52	SBM N11 TY
321	709027.29	1144835.10	375.30	XC
323	708485.72	1144830.26	369.22	HTK
325	708532.00	1144950.18	369.96	HTK
326	708335.45	1145198.95	367.67	MAG
327	708340.84	1145133.81	367.95	MAG
328	708533.33	1145345.41	369.52	MAG
329	708310.27	1145525.20	367.43	HTK
330	708517.59	1145936.14	353.71	MAG

SURVEY CONTROL	
CONTROL FILE	
KN10VERDE.csv	
KN10VERDE1.csv	
KN10 VERDE 2 CONTROL.csv	

ALIGNMENT LINE TABLE				
LINE NO.	LENGTH	DIRECTION	START POINT	END POINT
L1	900.00'	S88°41'39"E	N: 708508.11 E: 1145042.90	N: 708487.60 E: 1145942.66

ALIGNMENT LINE TABLE				
LINE NO.	LENGTH	DIRECTION	START POINT	END POINT
L4	475.00'	S88°40'47"E	N: 708337.06 E: 1145094.12	N: 708326.11 E: 1145568.99

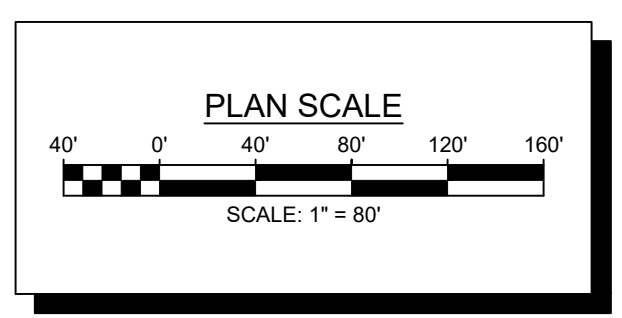
ALIGNMENT DATA					
NUMBER	LENGTH	RADIUS	DIRECTION	START POINT	END POINT
C1	130.67	1200.00	N1°47'21"W	(N: 708277.90, E: 1144794.59)	(N: 708408.44, E: 1144790.52)
L6	689.33		N1°19'49.4"E	(N: 708408.44, E: 1144790.52)	(N: 709097.58, E: 1144806.52)

ALIGNMENT LINE TABLE				
LINE NO.	LENGTH	DIRECTION	START POINT	END POINT
L2	435.00'	S88°42'02"E	N: 709032.81 E: 1144400.09	N: 709022.94 E: 1144834.98

ALIGNMENT LINE TABLE				
LINE NO.	LENGTH	DIRECTION	START POINT	END POINT
L5	300.00'	N1°19'35"E	N: 708276.70 E: 1145542.84	N: 708576.62 E: 1145549.79

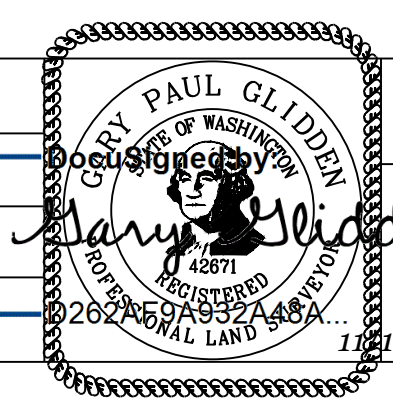
ALIGNMENT LINE TABLE				
LINE NO.	LENGTH	DIRECTION	START POINT	END POINT
L3	435.00'	S88°43'11"E	N: 708692.95 E: 1144392.04	N: 708683.23 E: 1144826.93

BID SET



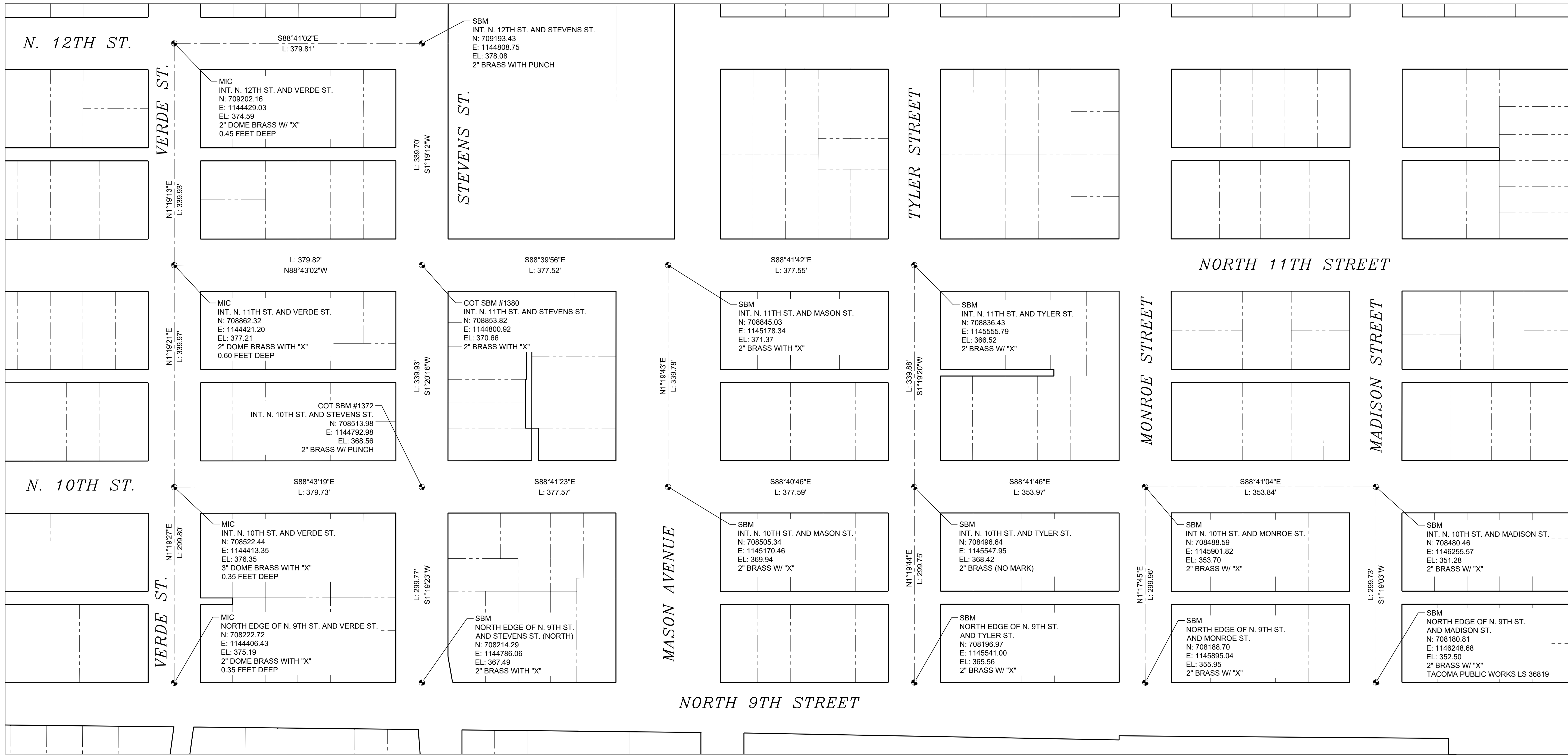
NO.	REVISION	DATE	APPD.

FINAL CONSTRUCTION CHECKED	DATE: 11/12/2024	SCALE: 1" = 80'
BY:	DESIGNED: KM	CHECKED: EV
DATE:	DRAWN: JP	FIELD BOOK:
DRAWING NAME: ENV-04025-03 PS Survey Control.dwg		



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
 WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
 Survey Control Plan

SPEC. NO.	ES24-0157F
WBS NO.	ENV-04025-03
SHEET NO.	5 of 33



DATE: 11/12/2024 10:43 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N. 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS SURVEY CONTROL MONS LAYOUT: 6 SURVEY CONTROL MONUMENT PLAN

TOWNSHIP 21 N RANGE 2 E SECTION 36
SOUTHWEST QUARTER AND SOUTHEAST QUARTER
CITY OF TACOMA QUARTER SECTIONS 39 (SE) AND 40 (SW)
NAD 83/91 SOUTH ZONE AS DEFINED BY CITY OF TACOMA
PIERCE COUNTY CITY OF TACOMA
PUBLISHED AND OBSERVED CITY COORDINATES USED FOR BASELINE CONTROL

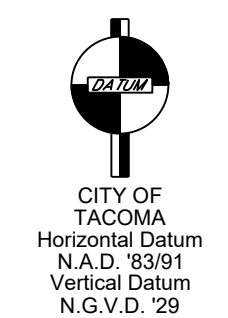
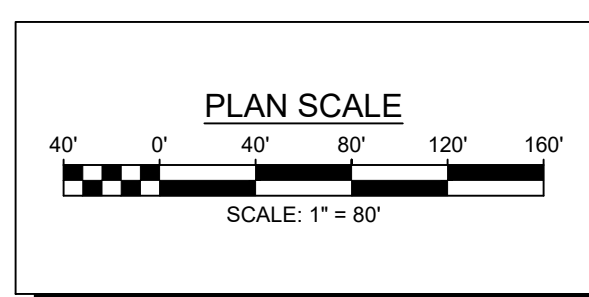
COT SBM #1372 N 10 ST. AND STEVENS ST.
N: 708513.914 E: 1144792.935 (PUBLISHED)
N: 708513.98 E: 1144792.98 (OBSERVED AND HELD)

COT SBM #1380 N 11TH ST. AND STEVENS ST.
N: 708853.775 E: 1144800.858 (PUBLISHED)
N: 708853.82 E: 1144800.92 (OBSERVED AND HELD)

BEARING AND DISTANCE BETWEEN #1372 AND #1380:
N 01°20'08" E 339.95 FT (PUBLISHED)
N 01°20'16" E 339.93 FT (OBSERVED AND HELD)

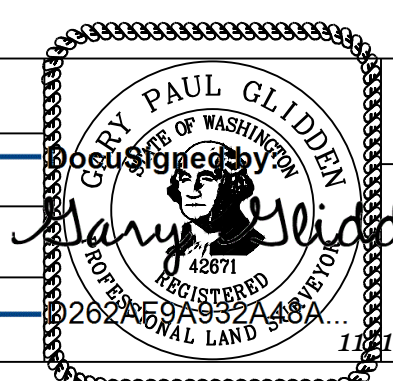
NOTE:
CONSTRUCTION CENTERLINE
ALIGNMENT MAY NOT BE THE
SAME AS MONUMENT ALIGNMENT

BID SET



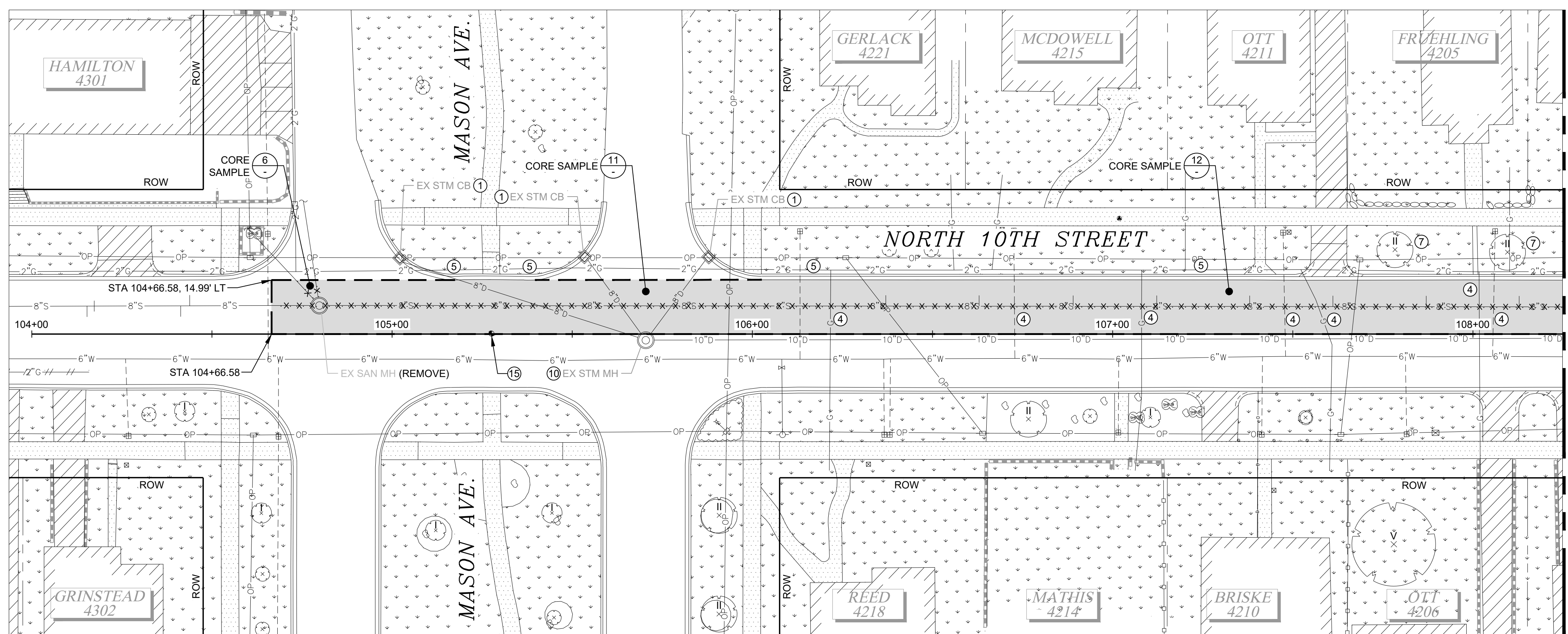
NO	REVISION	DATE	APPD

FINAL CONSTRUCTION CHECKED	DATE	SCALE
DESIGNED	11/12/2024	1" = 80'
CHECKED	KM	EV
DRAWN	JP	FIELD BOOK



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
Survey Control Monument Plan

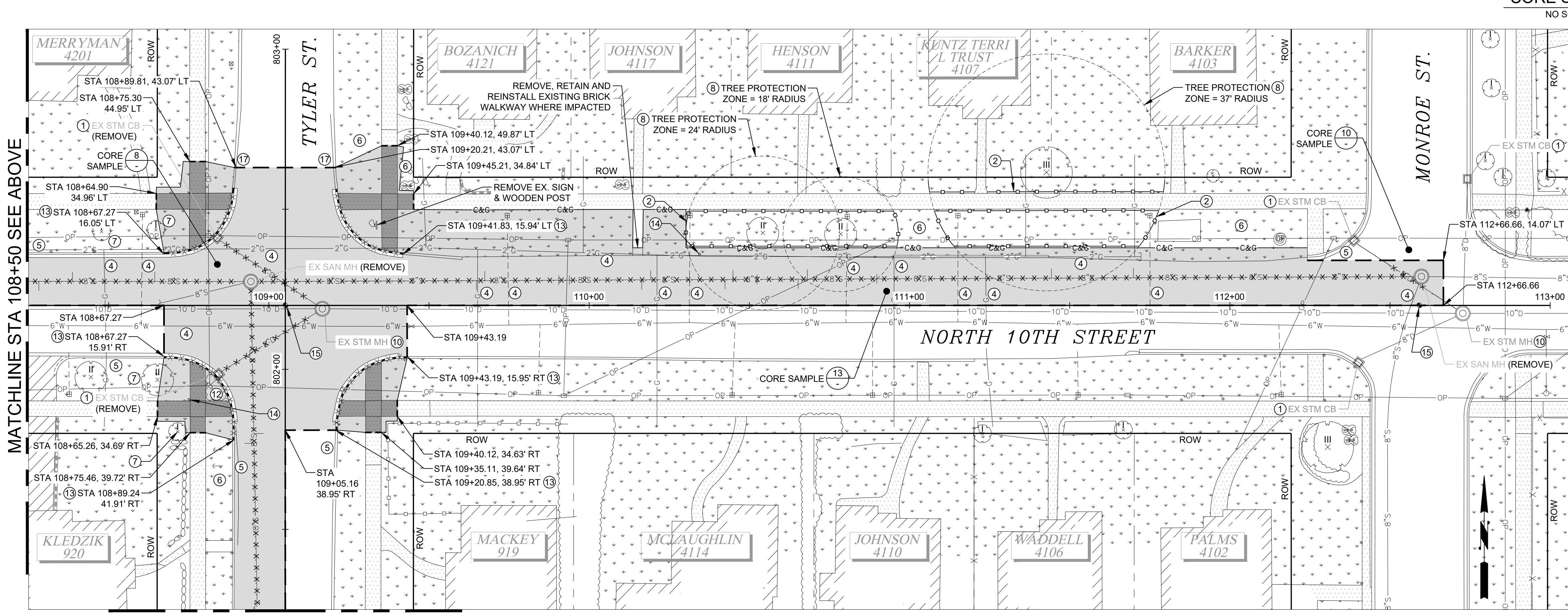
SPEC. NO.	ES24-0157F
WBS NO.	ENV-04025-03
SHEET NO.	6 of 33



MATCHLINE STA 108+50 SEE BELOW

- 0.5" CHIP SEAL
4.5" ASPH
N. MASON AVE.
CORE SAMPLE 6
NO SCALE
- 0.5" CHIP SEAL
2.5" ASPH
N. TYLER ST.
CORE SAMPLE 8
NO SCALE
- 0.25" CHIP SEAL
3" ASPH
N. MONROE ST.
CORE SAMPLE 10
NO SCALE
- 0.25" CHIP SEAL
4" ASPH
N. 10TH ST.
CORE SAMPLE 11
NO SCALE
- 0.25" CHIP SEAL
3.25" ASPH
N. 10TH ST.
CORE SAMPLE 12
NO SCALE
- 0.25" CHIP SEAL
2.25" ASPH
N. 10TH ST.
CORE SAMPLE 13
NO SCALE

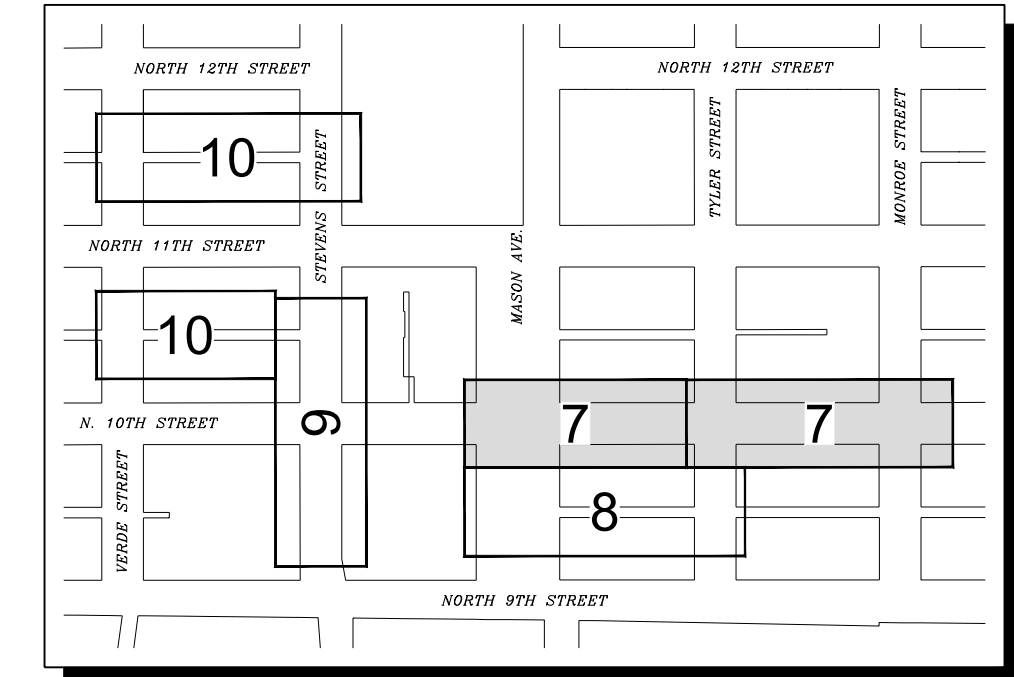
- DEMOLITION & TESC NOTES:**
- 1 INSTALL INLET PROTECTION PER WSDOT STD. PLAN I-40.20-00.
 - 2 6-FOOT CHAIN LINK FENCE WITH ABOVE GROUND FOOTING PER SPECIAL PROVISION 2-01.3(3).
 - 3 PROTECT EXISTING ROCKERY/LANDSCAPE BORDER.
 - 4 PROTECT EXISTING UTILITY.
 - 5 PROTECT EXISTING CURB OR CURB AND GUTTER.
 - 6 PROTECT EXISTING SHRUB/VEGETATION.
 - 7 PROTECT EXISTING TREE PER COT STD. PLAN LS-10 AND LS-11.
 - 8 PROTECT TREE IN ACCORDANCE WITH SPECIAL PROVISION 2-01.3(3). USE ALTERNATIVE EXCAVATION METHODS WITHIN TREE PROTECTION ZONE AS DIRECTED BY THE CERTIFIED PROJECT ARBORIST IN THE FIELD.
 - 9 PROTECT EXISTING SIGNAGE DURING CONSTRUCTION. REMOVE, RETAIN, AND REINSTALL IF NECESSARY.
 - 10 PROTECT EXISTING STRUCTURE TO REMAIN.
 - 11 REMOVE EXISTING TREE.
 - 12 REMOVE EXISTING SHRUB.
 - 13 REMOVE EXISTING CURB OR CURB AND GUTTER.
 - 14 IRRIGATION IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED PER SPECIAL PROVISION 2-02 AND REINSTALLED IN KIND PER 8-03.
 - 15 EXISTING SURVEY CONTROL. SEE PLAN AND PROFILE SERIES FOR REPLACEMENT.
 - 16 SAWCUT GUTTER LINE ALONG CONCRETE ROADWAY. SEE DETAIL 7/20
 - 17 EXISTING ASPHALT EDGE TO REMAIN
 - 18 SAWCUT TRENCH LIMITS AND PROVIDE TEMPORARY PAVEMENT PATCH ALONG N. TYLER STREET BEFORE FINAL PAVEMENT RESTORATION. SEE DETAIL 3/27
 - 19 CONTRACTOR TO TRIM SHRUBS TO THE MINIMUM EXTENT NECESSARY TO FACILITATE WORK. CONTRACTOR TO PROVIDE TWO WEEK ADVANCE NOTICE FOR CITY ARBORIST TO INSPECT AND DIRECT TRIMMINGS.



MATCHLINE STA 108+50 SEE ABOVE

MATCHLINE STA 801+25, SEE SHEET 8

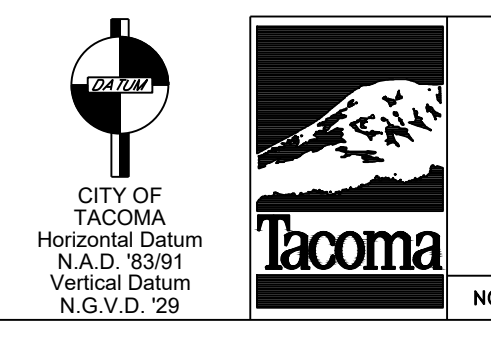
- GENERAL NOTES:**
1. CONTRACTOR SHALL PROTECT ALL EXISTING INFRASTRUCTURE NOT IDENTIFIED FOR REMOVAL. EXISTING UTILITIES SHOWN ARE APPROXIMATE LOCATIONS FROM BEST AVAILABLE INFORMATION AND MAY BE INCOMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES. CALL TWO BUSINESS DAYS BEFORE YOU DIG (1-800-424-5555) OR VISIT ONLINE WWW.CALLBEFOREYOUTDIG.ORG.
 2. THE ASPHALT/CONCRETE REMOVAL LIMITS SHOWN MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING FIELD MARKINGS WITH THE ENGINEER PRIOR TO COMMENCING DEMOLITION ACTIVITIES.
 3. SIDEWALK REMOVAL AND REPLACEMENT EXTENT SHALL BE TO NEAREST JOINT.
 4. CONTRACTOR SHALL PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SEDIMENTS FROM LEAVING THE PROJECT SITE.
 5. PROVIDE AND MAINTAIN INLET PROTECTION TO CATCH BASINS UNTIL THE END OF CONSTRUCTION ACTIVITIES. REMOVE WHEN CONSTRUCTION IS COMPLETE.
 6. OVERHEAD AND UNDERGROUND POWER AND UTILITY WIRES EXIST THROUGHOUT THE PROJECT LIMITS. CONTRACTOR SHALL USE APPROPRIATE CONSTRUCTION METHODS TO AVOID IMPACTING THESE UTILITIES.
 7. CONSTRUCTION MAY REQUIRE EXCAVATION WITHIN 10 FT OF UTILITY POLES. WHERE ANTICIPATED, CONTRACTOR SHALL CONTACT TACOMA POWER AT 253-502-8991 AT LEAST TWO WEEKS IN ADVANCE TO COORDINATE AN ONSITE VISIT WITH A TPU FIELD COORDINATOR. SEE SPECIAL PROVISION 1-07.17 FOR ADDITIONAL INFO AND REQUIREMENTS.
 8. DEMOLITION AND OTHER CONSTRUCTION ACTIVITIES SHALL BE PHASED AS NECESSARY TO MAINTAIN LOCAL ACCESS FOR RESIDENTS AT ALL TIMES.
 9. CONTRACTOR TO SALVAGE AND REINSTALL HISTORIC MAKER'S MARKS WHERE ENCOUNTERED WITHIN SIDEWALK PER COT STD. PLAN SU-40.



BID SET

PLAN SCALE
10' 0' 10' 20' 30' 40'
SCALE: 1" = 20'

PROFILE SCALE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'



FINAL CONSTRUCTION CHECKED	DATE	SCALE
DESIGNED	11/12/2024	1" = 20'
BY	KM	CHECKED
DATE	JP	EV
DRAWING NAME	ENV-04025-03 PS Demo West-East.dwg	FIELD BOOK

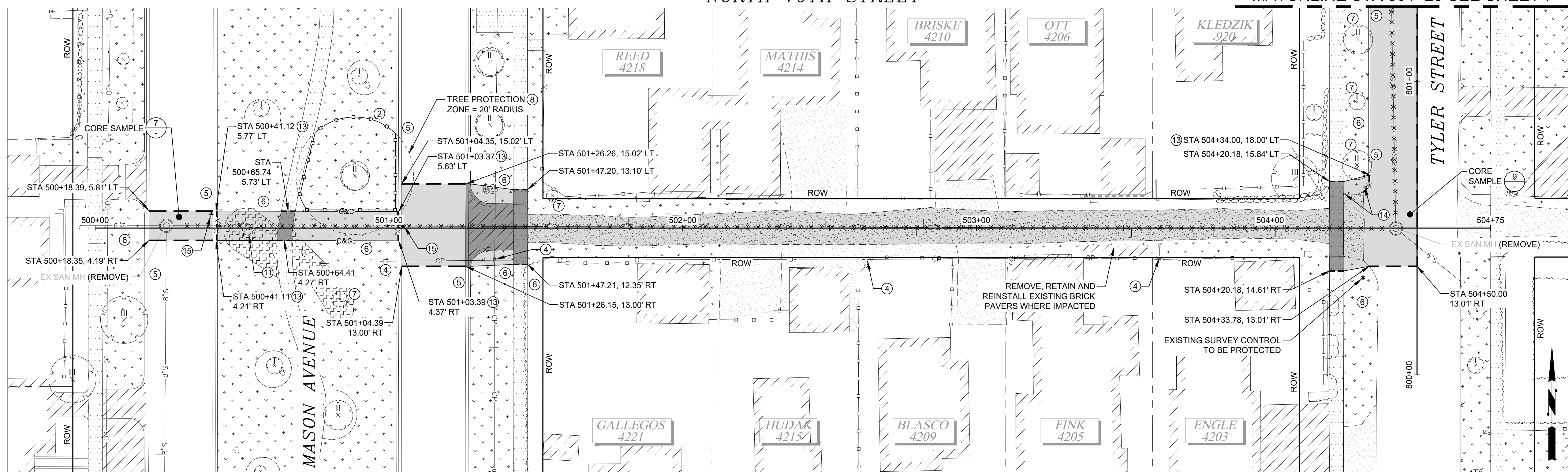
CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT

WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
North 10th Street between Mason Ave. & Monroe St.
Demolition Plan and TESC

SPEC. NO. ES24-0157F
WBS NO. ENV-04025-03
SHEET NO. 7 OF 33

NORTH 10TH STREET

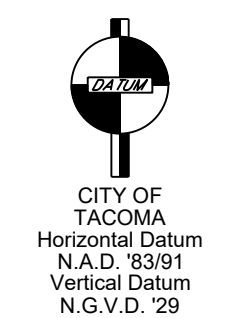
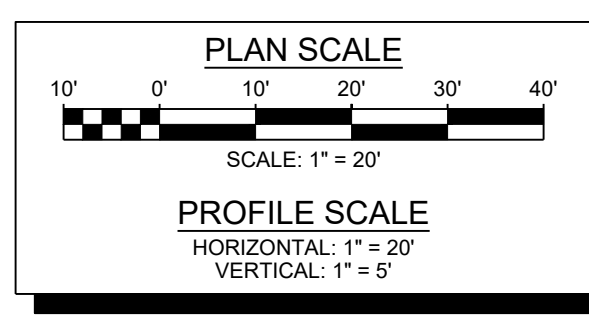
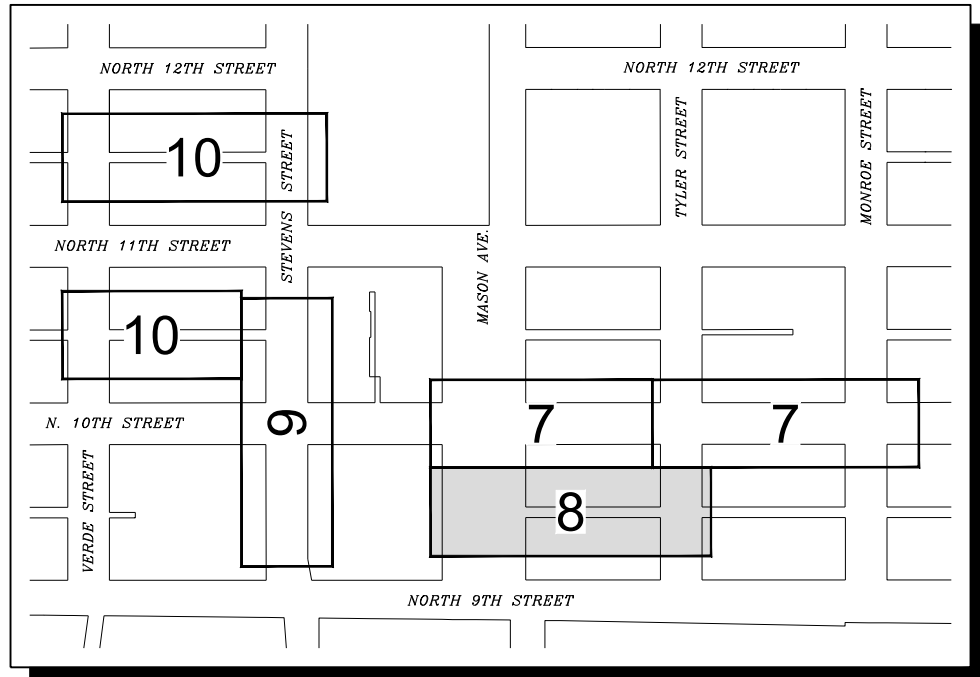
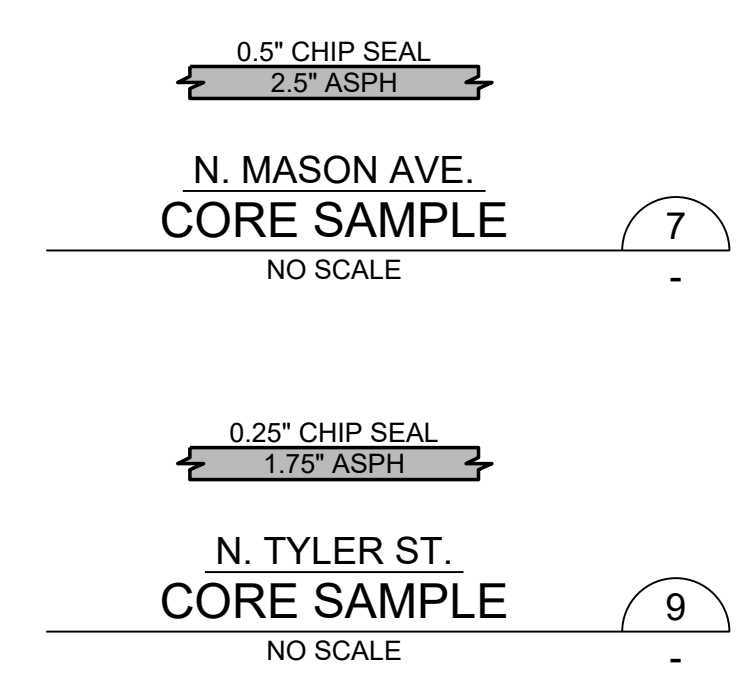
MATCHLINE STA 801+25 SEE SHEET 7



NORTH 9TH STREET

- DEMOLITION & TESC NOTES:**
1. INSTALL INLET PROTECTION PER WSDOT STD. PLAN I-40.20-00.
 2. 6-FOOT CHAIN LINK FENCE WITH ABOVE GROUND FOOTING PER SPECIAL PROVISION 2-01.3(3).
 3. PROTECT EXISTING ROCKERY/LANDSCAPE BORDER.
 4. PROTECT EXISTING UTILITY.
 5. PROTECT EXISTING CURB OR CURB AND GUTTER.
 6. PROTECT EXISTING SHRUB/VEGETATION.
 7. PROTECT EXISTING TREE PER COT STD. PLAN LS-10 AND LS-11.
 8. PROTECT TREE IN ACCORDANCE WITH SPECIAL PROVISION 2-01.3(3). USE ALTERNATIVE EXCAVATION METHODS WITHIN TREE PROTECTION ZONE AS DIRECTED BY THE CERTIFIED PROJECT ARBORIST IN THE FIELD.
 9. PROTECT EXISTING SIGNAGE DURING CONSTRUCTION. REMOVE, RETAIN, AND REINSTALL IF NECESSARY.
 10. PROTECT EXISTING STRUCTURE TO REMAIN.
 11. REMOVE EXISTING TREE.
 12. REMOVE EXISTING SHRUB.
 13. REMOVE EXISTING CURB OR CURB AND GUTTER.
 14. IRRIGATION IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED PER SPECIAL PROVISION 2-02 AND REINSTALLED IN KIND PER 8-03.
 15. EXISTING SURVEY CONTROL. SEE PLAN AND PROFILE SERIES FOR REPLACEMENT.
 16. SAWCUT GUTTER LINE ALONG CONCRETE ROADWAY. SEE DETAIL (7/20).
 17. EXISTING ASPHALT EDGE TO REMAIN.
 18. SAWCUT TRENCH LIMITS AND PROVIDE TEMPORARY PAVEMENT PATCH ALONG N. STEVENS STREET BEFORE FINAL PAVEMENT RESTORATION. SEE DETAIL (3/27).
 19. CONTRACTOR TO TRIM SHRUBS TO THE MINIMUM EXTENT NECESSARY TO FACILITATE WORK. CONTRACTOR TO PROVIDE TWO WEEK ADVANCE NOTICE FOR CITY ARBORIST TO INSPECT AND DIRECT TRIMMINGS.

- GENERAL NOTES:**
1. CONTRACTOR SHALL PROTECT ALL EXISTING INFRASTRUCTURE NOT IDENTIFIED FOR REMOVAL.
 2. EXISTING UTILITIES SHOWN ARE APPROXIMATE LOCATIONS FROM BEST AVAILABLE INFORMATION AND MAY BE INCOMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES. CALL TWO BUSINESS DAYS BEFORE YOU DIG (1-800-424-5555) OR VISIT ONLINE WWW.CALLBEFOREYUODIG.ORG.
 3. THE ASPHALT/CONCRETE REMOVAL LIMITS SHOWN MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING FIELD MARKINGS WITH THE ENGINEER PRIOR TO COMMENCING DEMOLITION ACTIVITIES.
 4. SIDEWALK REMOVAL AND REPLACEMENT EXTENT SHALL BE TO NEAREST JOINT.
 5. CONTRACTOR SHALL PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SEDIMENTS FROM LEAVING THE PROJECT SITE.
 6. PROVIDE AND MAINTAIN INLET PROTECTION TO CATCH BASINS UNTIL THE END OF CONSTRUCTION ACTIVITIES. REMOVE WHEN CONSTRUCTION IS COMPLETE.
 7. OVERHEAD AND UNDERGROUND POWER AND UTILITY WIRES EXIST THROUGHOUT THE PROJECT LIMITS. CONTRACTOR SHALL USE APPROPRIATE CONSTRUCTION METHODS TO AVOID IMPACTING THESE UTILITIES.
 8. CONSTRUCTION MAY REQUIRE EXCAVATION WITHIN 10 FT OF UTILITY POLES. WHERE ANTICIPATED, CONTRACTOR SHALL CONTACT TACOMA POWER AT 253-502-8991 AT LEAST TWO WEEKS IN ADVANCE TO COORDINATE AN ONSITE VISIT WITH A TPU FIELD COORDINATOR. SEE SPECIAL PROVISION 1-07.17 FOR ADDITIONAL INFO AND REQUIREMENTS.
 9. DEMOLITION AND OTHER CONSTRUCTION ACTIVITIES SHALL BE PHASED AS NECESSARY TO MAINTAIN LOCAL ACCESS FOR RESIDENTS AT ALL TIMES.
 10. CONTRACTOR TO SALVAGE AND REINSTALL HISTORIC MAKER'S MARKS WHERE ENCOUNTERED WITHIN SIDEWALK PER COT STD. PLAN SU-40.



NO	REVISION	DATE	APPD

FINAL CONSTRUCTION CHECKED	DATE	SCALE
	11/12/2024	1" = 20'
DESIGNED	CHECKED	
KM	EV	
DRAWN	FIELD BOOK	
JP		

DRAWING NAME: ENV-04025-03 PS Demo West-East.dwg

DATE: 11/12/2024

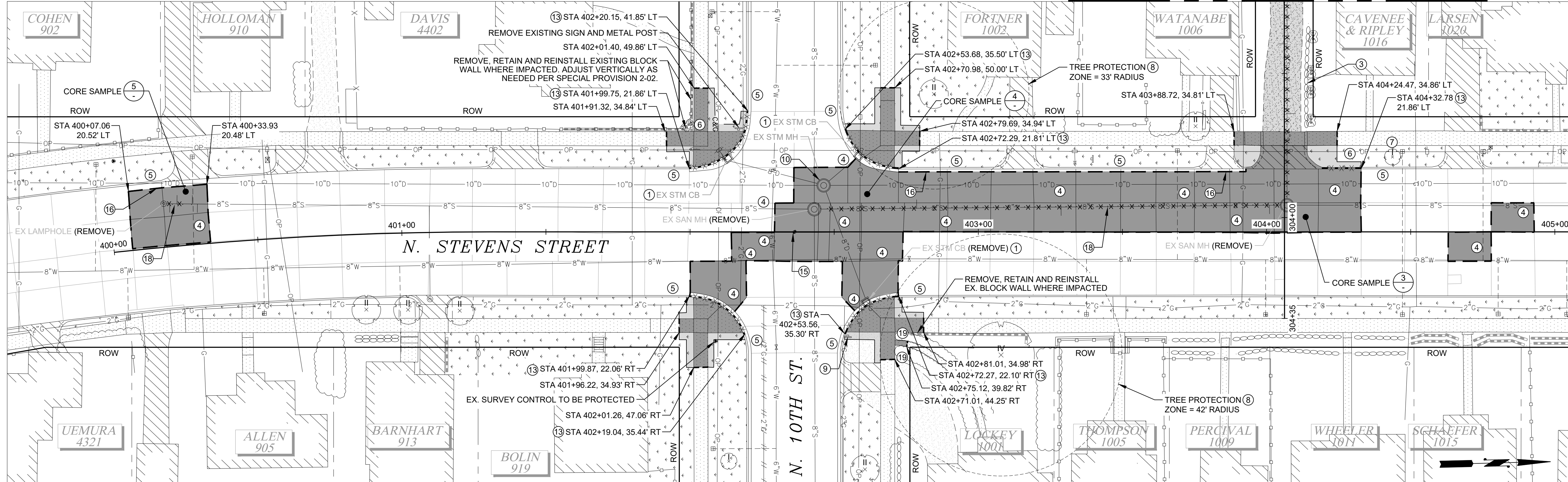
CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT

**WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
Alley from Mason Ave. & Tyler St. between N. 10th St. and N. 9th St.
Demolition Plan and TESC**

SPEC. NO. ES24-0157F
WBS NO. ENV-04025-03
SHEET NO. 8 OF 33

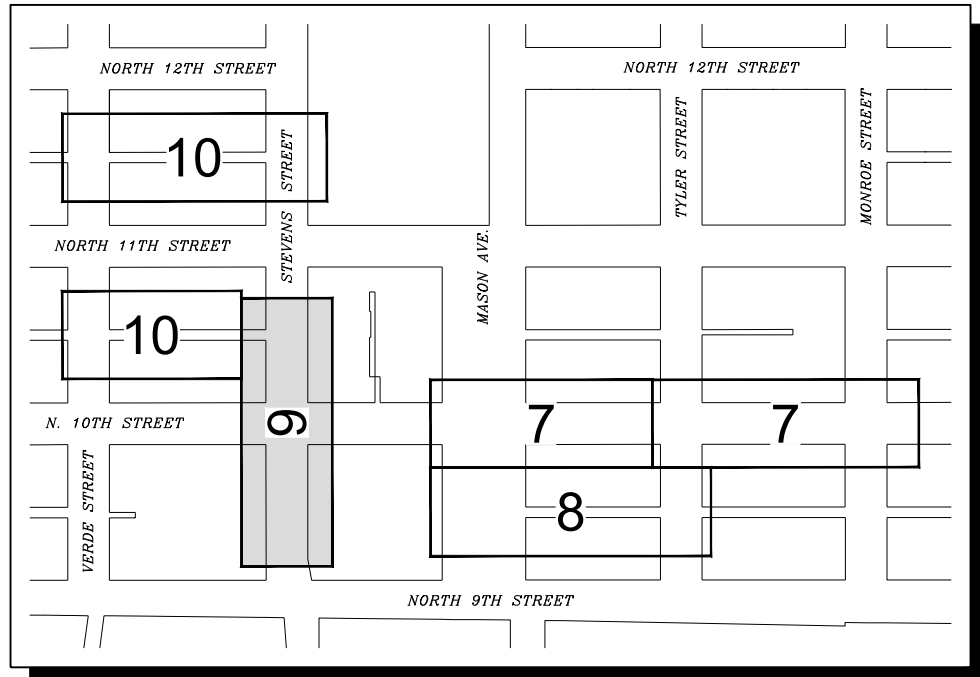
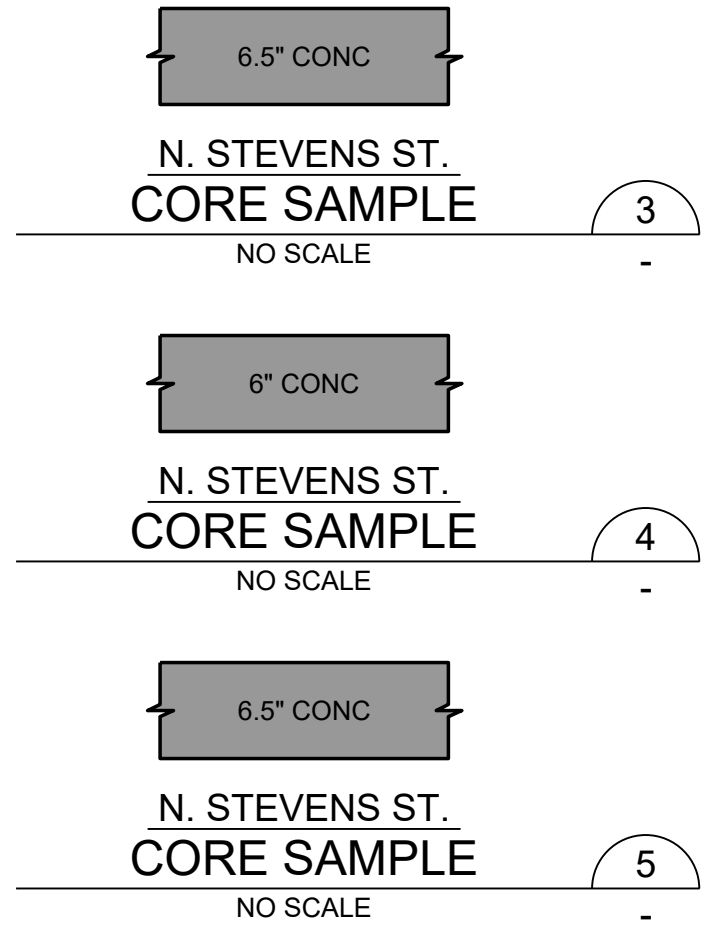
DATE: 11/12/2024 10:44 AM PATH: W:\PROJECTS\ENV\04025-03 PS DEMO WEST-EAST LAYOUT: 8 ALLEY FROM MASON AVE. & TYLER ST. FILE: ENV-04025-03 PS DEMO WEST-EAST

MATCHLINE STA 303+25 SEE SHEET 10



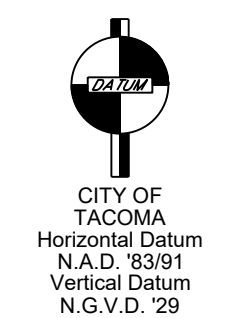
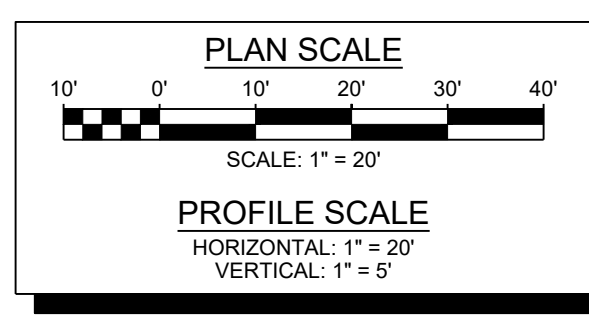
- DEMOLITION & TESC NOTES:**
- INSTALL INLET PROTECTION PER WSDOT STD. PLAN I-40.20-00.
 - 6-FOOT CHAIN LINK FENCE WITH ABOVE GROUND FOOTING PER SPECIAL PROVISION 2-01.3(3).
 - PROTECT EXISTING ROCKERY/LANDSCAPE BORDER.
 - PROTECT EXISTING UTILITY.
 - PROTECT EXISTING CURB OR CURB AND GUTTER.
 - PROTECT EXISTING SHRUB/VEGETATION.
 - PROTECT EXISTING TREE PER COT STD. PLAN LS-10 AND LS-11.
 - PROTECT TREE IN ACCORDANCE WITH SPECIAL PROVISION 2-01.3(3). USE ALTERNATIVE EXCAVATION METHODS WITHIN TREE PROTECTION ZONE AS DIRECTED BY THE CERTIFIED PROJECT ARBORIST IN THE FIELD.
 - PROTECT EXISTING SIGNAGE DURING CONSTRUCTION. REMOVE, RETAIN, AND REINSTALL IF NECESSARY.
 - PROTECT EXISTING STRUCTURE TO REMAIN.
 - REMOVE EXISTING TREE.
 - REMOVE EXISTING SHRUB.
 - REMOVE EXISTING CURB OR CURB AND GUTTER.
 - IRRIGATION IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED PER SPECIAL PROVISION 2-02 AND REINSTALLED IN KIND PER 8-03.
 - EXISTING SURVEY CONTROL. SEE PLAN AND PROFILE SERIES FOR REPLACEMENT.
 - SAWCUT GUTTER LINE ALONG CONCRETE ROADWAY. SEE DETAIL (7/20).
 - EXISTING ASPHALT EDGE TO REMAIN.
 - SAWCUT TRENCH LIMITS AND PROVIDE TEMPORARY PAVEMENT PATCH ALONG N. STEVENS STREET BEFORE FINAL PAVEMENT RESTORATION. SEE DETAIL (3/27).
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 - SIDEWALK REMOVAL AND REPLACEMENT EXTENT SHALL BE TO NEAREST JOINT.
 - CONTRACTOR SHALL PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SEDIMENTS FROM LEAVING THE PROJECT SITE.
 - PROVIDE AND MAINTAIN INLET PROTECTION TO CATCH BASINS UNTIL THE END OF CONSTRUCTION ACTIVITIES. REMOVE WHEN CONSTRUCTION IS COMPLETE.
 - OVERHEAD AND UNDERGROUND POWER AND UTILITY WIRES EXIST THROUGHOUT THE PROJECT LIMITS. CONTRACTOR SHALL USE APPROPRIATE CONSTRUCTION METHODS TO AVOID IMPACTING THESE UTILITIES.
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 - DEMOLITION AND OTHER CONSTRUCTION ACTIVITIES SHALL BE PHASED AS NECESSARY TO MAINTAIN LOCAL ACCESS FOR RESIDENTS AT ALL TIMES.
 - CONTRACTOR TO SALVAGE AND REINSTALL HISTORIC MAKER'S MARKS WHERE ENCOUNTERED WITHIN SIDEWALK PER COT STD. PLAN SU-40.



DATE: 11/12/2024 10:45 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N. 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS DEMO SOUTH-NORTH LAYOUT: 9 NORTH STEVENS STREET

BID SET



NO	REVISION	DATE	APPD

FINAL CONSTRUCTION CHECKED	DATE	SCALE
DESIGNED	11/12/2024	1" = 20'
CHECKED	KM	EV
DRAWN	JP	FIELD BOOK

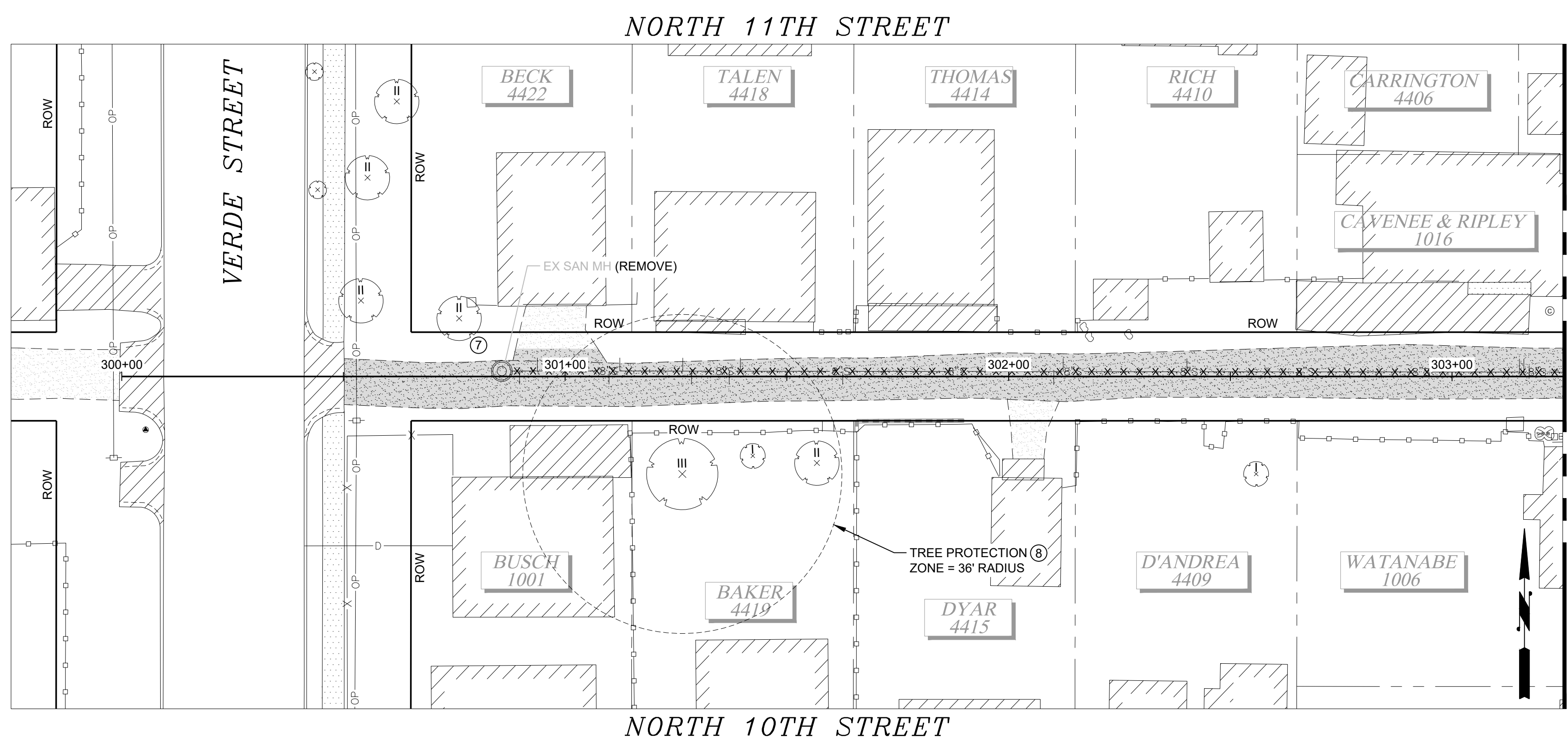
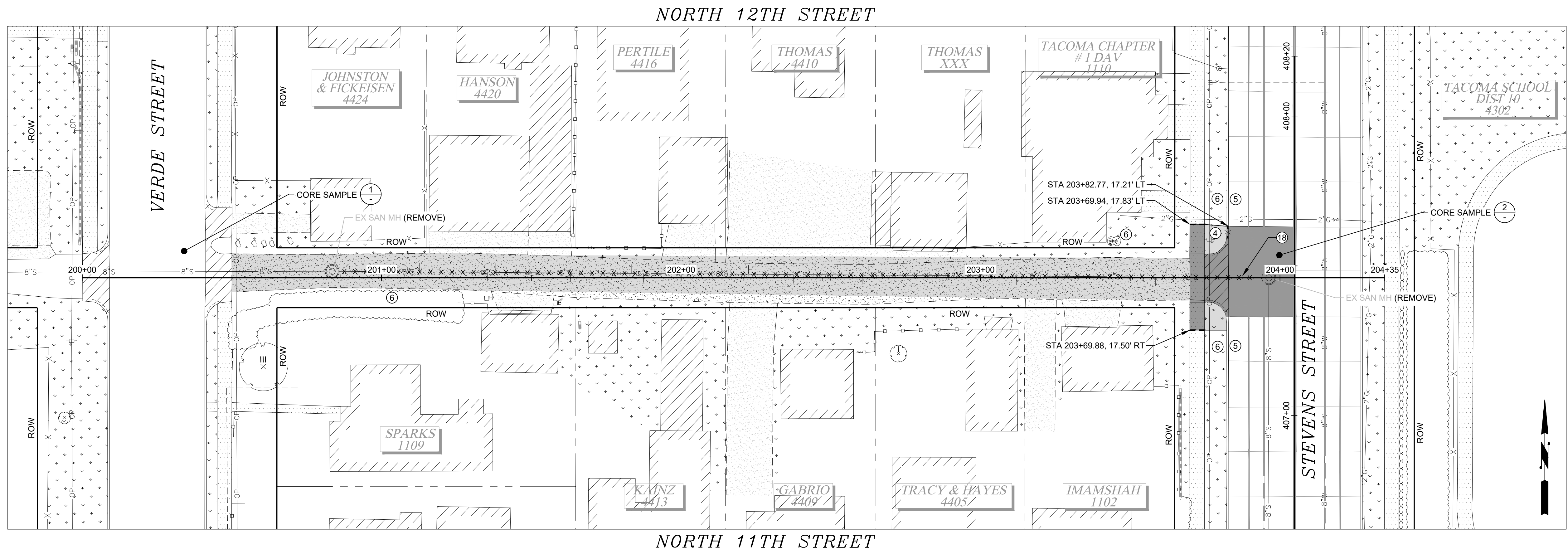
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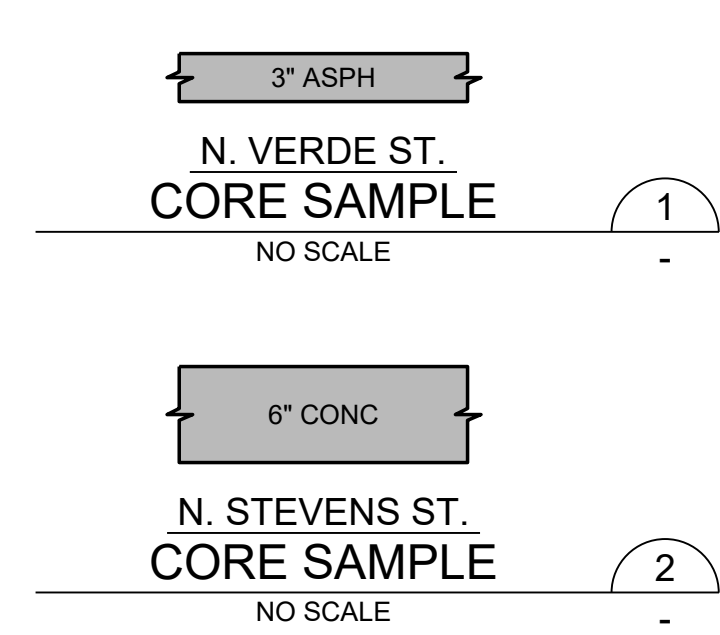
CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
North Stevens Street between N. 9th St. & N. 11th St.
Demolition Plan and TESC

SPEC. NO.	ES24-0157F
WBS NO.	ENV-04025-03
SHEET NO.	9
OF	33

DATE: 11/12/2024 10:46 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS DEMO WEST-EAST LAYOUT: 10 ALLEYS FROM VERDE ST. & STEVENS ST.

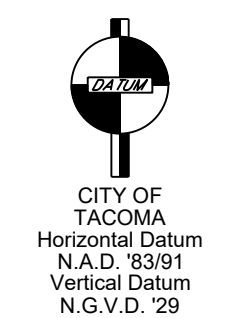
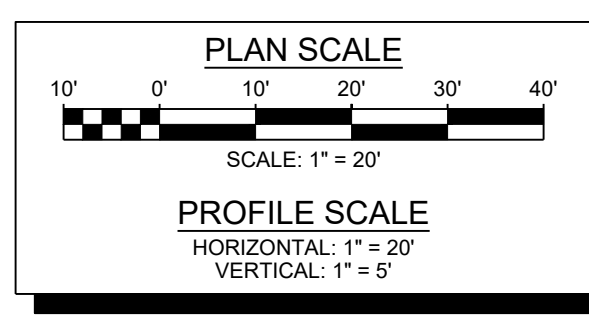
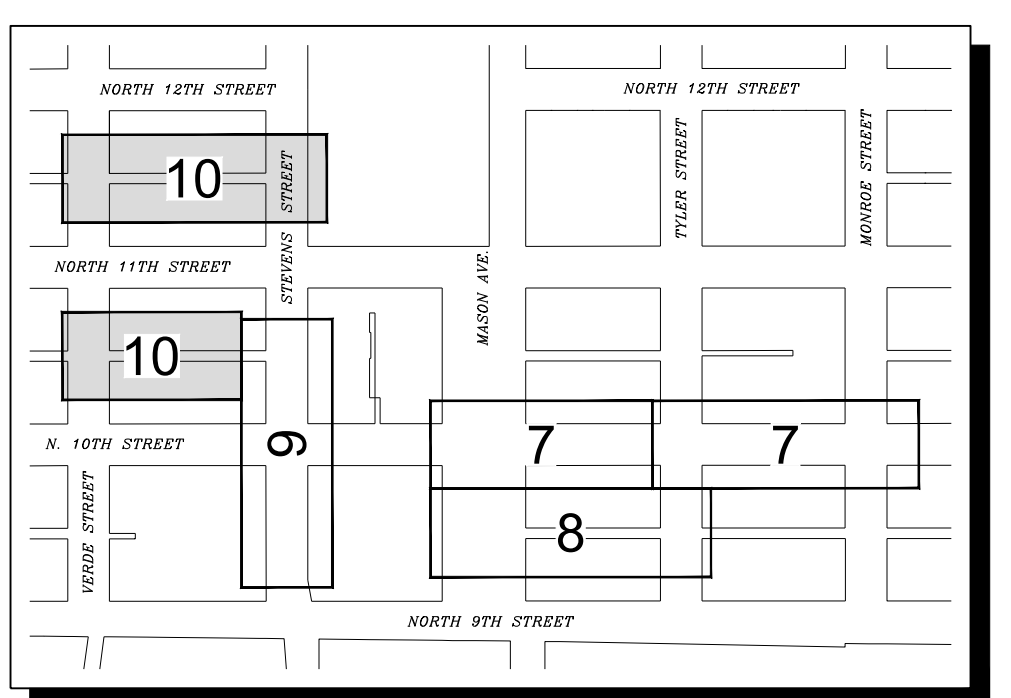


MATCHLINE STA 303+25 SEE SHEET 9



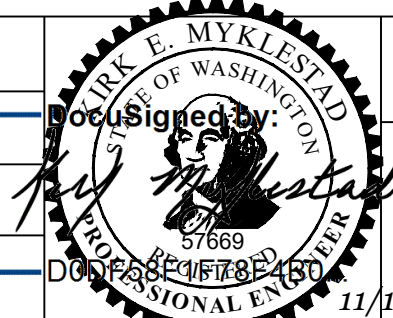
- DEMOLITION & TESC NOTES:**
- 1 INSTALL INLET PROTECTION PER WSDOT STD. PLAN I-40.20-00.
 - 2 6-FOOT CHAIN LINK FENCE WITH ABOVE GROUND FOOTING PER SPECIAL PROVISION 2-01.3(3).
 - 3 PROTECT EXISTING ROCKERY/LANDSCAPE BORDER.
 - 4 PROTECT EXISTING UTILITY.
 - 5 PROTECT EXISTING CURB OR CURB AND GUTTER.
 - 6 PROTECT EXISTING SHRUB/VEGETATION.
 - 7 PROTECT EXISTING TREE PER COT STD. PLAN LS-10 AND LS-11.
 - 8 PROTECT TREE IN ACCORDANCE WITH SPECIAL PROVISION 2-01.3(3) USE ALTERNATIVE EXCAVATION METHODS WITHIN TREE PROTECTION ZONE AS DIRECTED BY THE CERTIFIED PROJECT ARBORIST IN THE FIELD.
 - 9 PROTECT EXISTING SIGNAGE DURING CONSTRUCTION. REMOVE, RETAIN, AND REINSTALL IF NECESSARY.
 - 10 PROTECT EXISTING STRUCTURE TO REMAIN.
 - 11 REMOVE EXISTING TREE.
 - 12 REMOVE EXISTING SHRUB.
 - 13 REMOVE EXISTING CURB OR CURB AND GUTTER.
 - 14 IRRIGATION IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED PER SPECIAL PROVISION 2-02 AND REINSTALLED IN KIND PER 8-03.
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 - 17 EXISTING ASPHALT EDGE TO REMAIN
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NO	REVISION	DATE	APPD

FINAL CONSTRUCTION CHECKED	DATE 11/12/2024	SCALE 1" = 20'
DESIGNED KM	CHECKED EV	FIELD BOOK
DATE	DRAWN JP	
DRAWING NAME ENV-04025-03 PS Demo West-East.dwg		

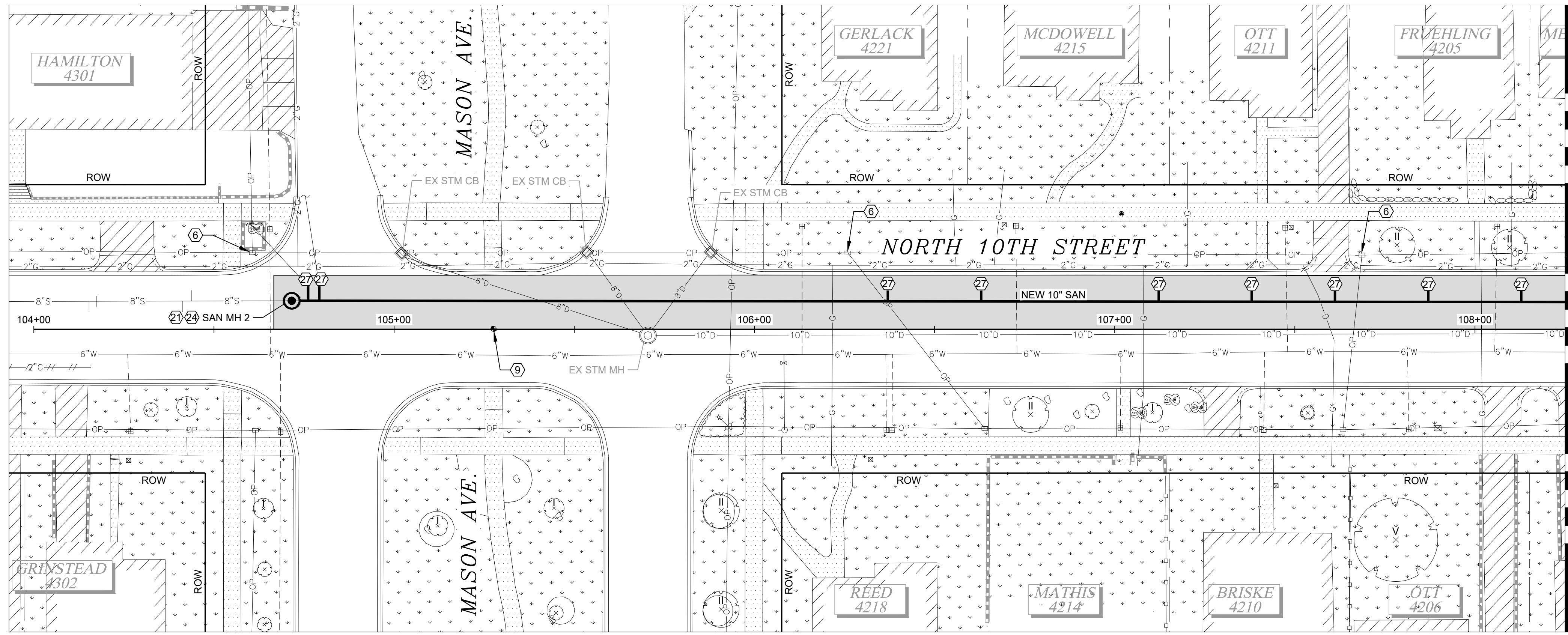


CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT

WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
Alleys from Verde St. & Stevens St.
Demolition Plan and TESC

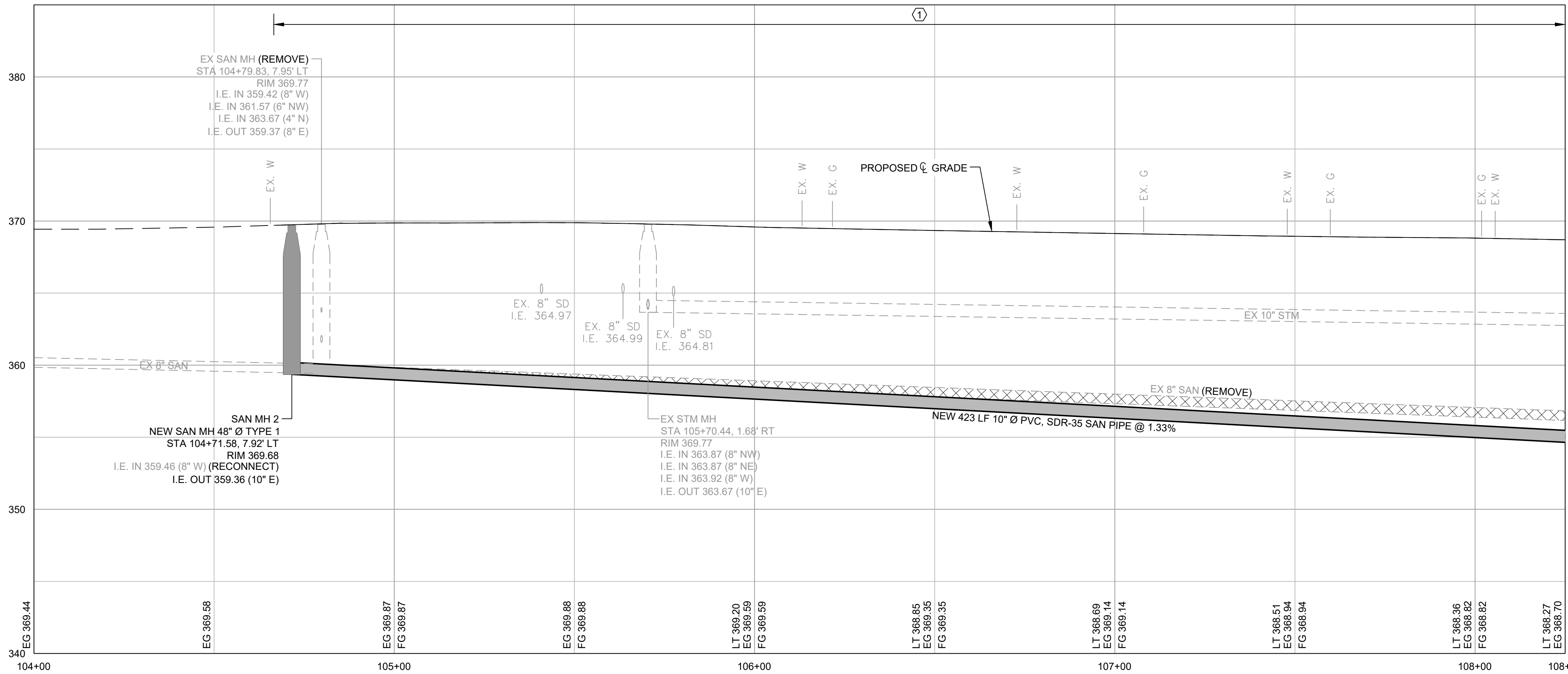
SPEC. NO.	ES24-0157F
WBS NO.	
SHEET NO.	ENV-04025-03
SHEET 10 OF 33	

BID SET



MATCHLINE STA 108+25 SEE SHEET 12

- CONSTRUCTION NOTES:**
- ① ASPHALT PAVEMENT RESTORATION, SEE SHEET 26.
 - ② CONCRETE PAVEMENT RESTORATION, SEE SHEET 26.
 - ③ ASPHALT ROADWAY REPLACEMENT, SEE DETAIL (1/26)
 - ④ SHAPE TO GRADE AND PLACE 3" CSBC. ALLEY WIDTH VARIES, SEE PLANS.
 - ⑤ ALLEY/TRAIL ASPHALT PAVING PER DETAIL (2/26)
 - ⑥ CONTRACTOR TO COORDINATE WITH TACOMA POWER AT LEAST 2 WEEKS IN ADVANCE OF EXCAVATION TO INSPECT AND HOLD POLE IF NECESSARY. SEE SPECIAL PROVISION 1-07.17.
 - ⑦ CONTRACTOR TO POTHOLE TO CONFIRM LOCATION AND DEPTH PER COT STD. PLAN SU-27 PRIOR TO CONSTRUCTION START.
 - ⑧ RELOCATE IRRIGATION IF IN CONFLICT WITH CONSTRUCTION PER SPECIAL PROVISION 8-03.
 - ⑨ REPLACE POURED MONUMENT PER COT STD. PLAN SU-01.
 - ⑩ IMPORT TOPSOIL TYPE A AND HYDROSEED LAWN PER COT STD PLAN GSI-01D AND SPECIAL PROVISION 8-02. WIRELESS JAPANESE ZELKOVA (ZELKOVA SERRATA 'WIRELESS'). MIN. 2" CALIPER, B&B.
 - ⑪ CEMENT CONCRETE CURB AND GUTTER PAN, SEE DETAIL (1/27)
 - ⑫ HMA WEDGE CURB STANDARD WIDTH PER COT STD PLAN SU-03A.
 - ⑬ CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER COT STD. PLAN SU-03.
 - ⑭ CURB TRANSITION BETWEEN CONCRETE TRAFFIC CURB AND GUTTER AND ASPHALT WEDGE CURB, SEE DETAIL (2/27)
 - ⑮ MATCH INTO ALIGNMENT OF EXISTING ASPHALT WEDGE CURB.
 - ⑯ CONSTRUCT CONCRETE ALLEY ENTRANCE TYPE 3 PER COT STD. PLAN SU-7C. 3 DAY HI-EARLY MIX PER 8-06.3.
 - ⑰ CONSTRUCT NEW SIDEWALK PER COT STD. PLAN SU-04.
 - ⑱ INSTALL CATCH BASIN TYPE 1 PER WSDOT STD. PLAN B-5.20-03 WITH COMBINATION INLET PER WSDOT STD. B-25.20-02.
 - ⑲ MANHOLE TYPE 1 TO BE INSTALLED PER COT STD. PLAN SU-17 WITH FRAME AND COVER PER COT STD. PLANS SU-21, SU-22, SU-25.
 - ⑳ MANHOLE TYPE 3 TO BE INSTALLED PER COT STD. PLAN SU-19 WITH FRAME AND COVER PER COT STD. PLANS SU-21, SU-22, SU-25.
 - ㉑ CONNECT TO EXISTING WITH ROMAC COUPLER PER SPECIAL PROVISION 7-08.3(2)F.
 - ㉒ RECONNECT EXISTING PIPE TO NEW STRUCTURE PER SPECIAL PROVISION 7-05.
 - ㉓ CONNECT NEW SEWER PIPE TO EX. STRUCTURE PER SPECIAL PROVISION 7-05.
 - ㉔ ADJUST EXISTING MANHOLE AND INSTALL NEW FRAME AND COVER PER SPECIAL PROVISION 7-05.
 - ㉕ CONNECT SIDE SEWER TO NEW MAIN AT THE ACTUAL LOCATION FOUND IN THE FIELD. REPLACE THE SIDE SEWER TO THE EXTENT DESCRIBED IN THE GENERAL SEWER NOTES ON SHEET 2.
 - ㉖ INSTALL A CLEANOUT PER COT STD. PLAN SU-24.
 - ㉗ REDIRECT SIDE SEWER TO CONNECT TO MAINLINE PER COT STD. DETAIL SU-23.
 - ㉘ REPLACE SURVEY CONTROL (MAG) IN COORDINATION WITH CITY INSPECTION AND SURVEY STAFF.
 - ㉙ ADJUST EXISTING CATCH BASIN, FURNISH AND INSTALL NEW FRAME AND GRATE PER SPECIAL PROVISION 7-05.
 - ㉚ INSTALL CATCH BASIN TYPE 1 PER WSDOT STD B-5.20-03 WITH VANED GRATE PER WSDOT STD B-30.30-03.



- GENERAL NOTES:**
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 2. STORM STRUCTURE RIM ELEVATIONS AND STATION/OFFSETS ARE TO CENTER OF STRUCTURE. PIPE INVERT ELEVATIONS ARE SPECIFIED TO THE PROJECTED CENTER OF STRUCTURES. MATCH FINISHED GRADES AND GUTTER ELEVATIONS UNLESS OTHERWISE NOTED.
 3. PROVIDE AND MAINTAIN INLET PROTECTION TO STORM STRUCTURES UNTIL END OF CONSTRUCTION ACTIVITIES. REMOVE WHEN CONSTRUCTION IS COMPLETE.

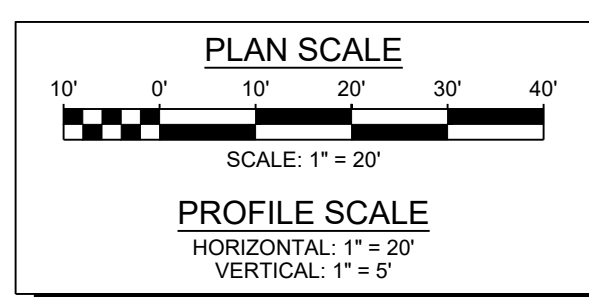
SIDE SEWER TABLE

APPROX. STA	DIRECTION	APPROX. STA	DIRECTION
104+15	RT	106+63	LT
104+17	CEN.	106+89	LT
104+41	RT	107+12	LT
104+44	LT	107+38	LT
104+80	MH	107+87	LT
104+80	MH	108+13	LT
106+34	LT		

NOTE: STATIONING OF EX. SIDE SEWER IS ESTIMATED BASED ON VIDEO INSPECTION OF MAIN. LOCATION OF EX. SIDE SEWER AT POINT OF RECONNECTION IS UNKNOWN.

DATE: 11/12/2024 10:47 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET - N 10TH AND STEVENS\PRODUCTION SET - N 10TH AND STEVENS\PRODUCTION SET - N 10TH AND STEVENS\PS P&P WEST-EAST - LAYOUT-11 NORTH 10TH STREET

BID SET



NO	REVISION	DATE	APPD

FINAL CONSTRUCTION CHECKED	DATE	SCALE
	11/12/2024	1" = 20'
DESIGNED	CHECKED	BY
KM	EV	
DRAWN	FIELD BOOK	DATE
JP		

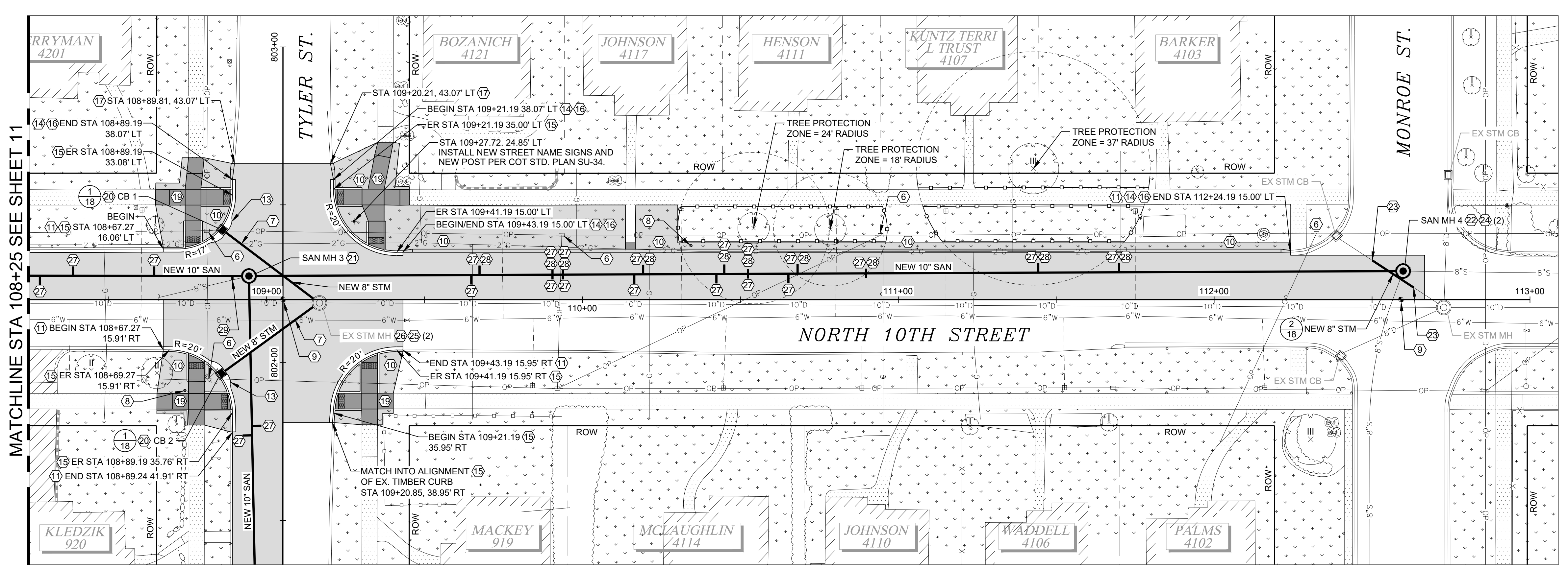


CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT

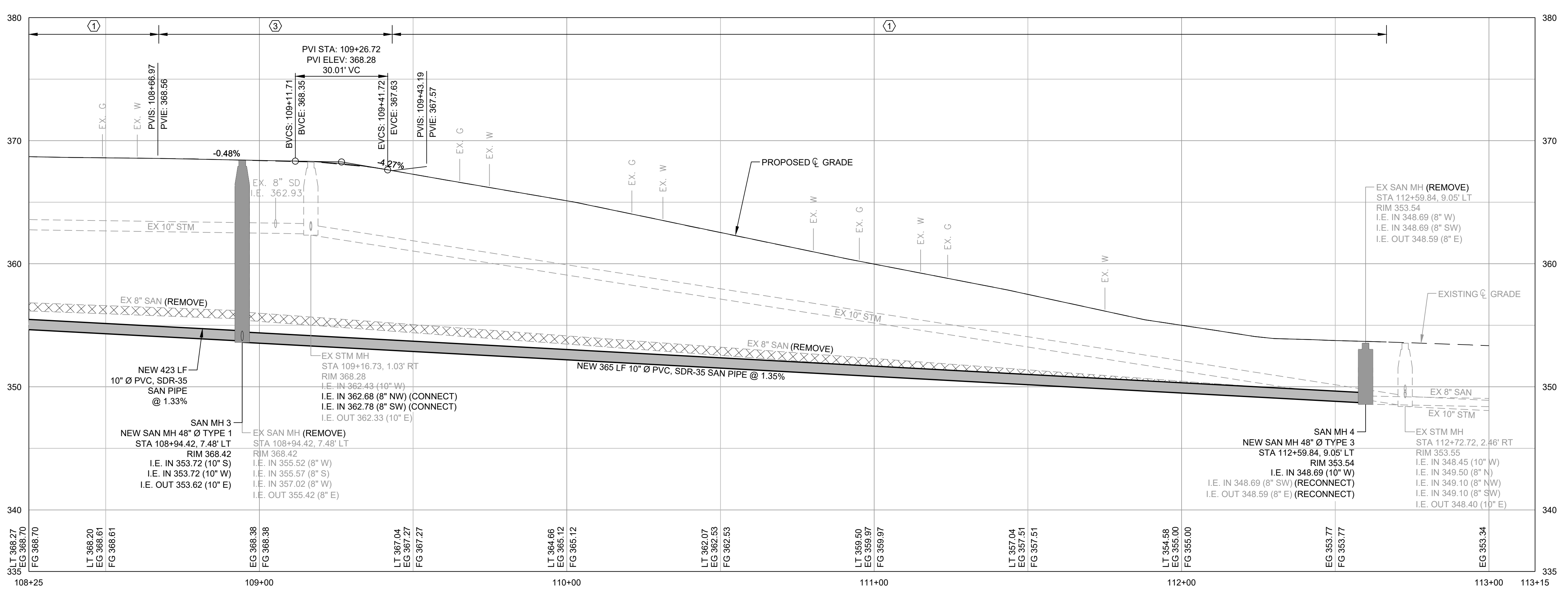
WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
North 10th Street between Mason Ave. & Tyler St.
Plan & Profile

SPEC. NO.	ES24-0157F
WBS NO.	ENV-04025-03
SHEET NO.	11 of 33

DATE: 11/12/2024 10:47 AM PATH: W:\PROJECTS\ENR\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET - N 10TH AND STEVENS\PRODUCTION SET - N 10TH AND STEVENS\PS P&P WEST-EAST - LAYOUT-12 NORTH 10TH STREET



SEE SHEET 14



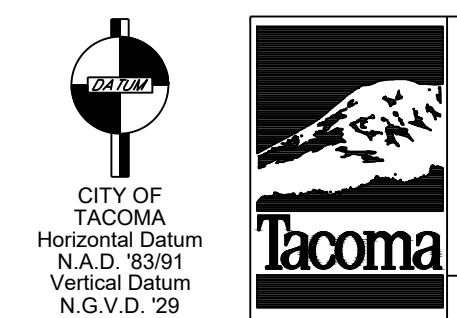
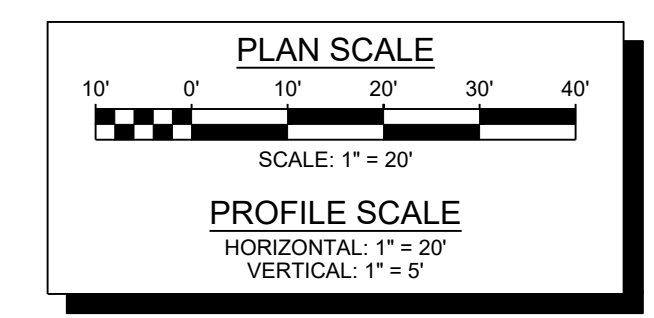
- CONSTRUCTION NOTES:**
- 1 ASPHALT PAVEMENT RESTORATION, SEE SHEET 26.
 - 2 CONCRETE PAVEMENT RESTORATION, SEE SHEET 26.
 - 3 ASPHALT ROADWAY REPLACEMENT, SEE DETAIL 1/26
 - 4 SHAPE TO GRADE AND PLACE 3" CSBC. ALLEY WIDTH VARIES, SEE PLANS.
 - 5 ALLEY/TRAIL ASPHALT PAVING PER DETAIL 2/26
 - 6 CONTRACTOR TO COORDINATE WITH TACOMA POWER AT LEAST 2 WEEKS IN ADVANCE OF EXCAVATION TO INSPECT AND HOLD POLE IF NECESSARY. SEE SPECIAL PROVISION 1-07.17.
 - 7 CONTRACTOR TO POTHOLE TO CONFIRM LOCATION AND DEPTH PER COT STD. PLAN SU-27 PRIOR TO CONSTRUCTION START.
 - 8 RELOCATE IRRIGATION IF IN CONFLICT WITH CONSTRUCTION PER SPECIAL PROVISION 8-03.
 - 9 REPLACE POURED MONUMENT PER COT STD. PLAN SU-01.
 - 10 IMPORT TOPSOIL TYPE A AND HYDROSEED LAWN PER COT STD PLAN GSI-01D AND SPECIAL PROVISION 8-02.3(10)B.
 - 11 MATCH INTO EXISTING CURB OR CURB AND GUTTER.
 - 12 INSTALL STREET TREE PER COT STD. PLAN LS-01, LS-02 AND SPECIAL PROVISION 8-02. WIRELESS JAPANESE ZELKOVA (ZELKOVA SERRATA 'WIRELESS'). MIN. 2" CALIPER, B&B.
 - 13 CEMENT CONCRETE CURB AND GUTTER PAN, SEE DETAIL 1/27
 - 14 HMA WEDGE CURB STANDARD WIDTH PER COT STD PLAN SU-03A.
 - 15 CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER COT STD. PLAN SU-03.
 - 16 CURB TRANSITION BETWEEN CONCRETE TRAFFIC CURB AND GUTTER AND ASPHALT WEDGE CURB, SEE DETAIL 2/27
 - 17 MATCH INTO ALIGNMENT OF EXISTING ASPHALT WEDGE CURB.
 - 18 CONSTRUCT CONCRETE ALLEY ENTRANCE TYPE 3 PER COT STD. PLAN SU-7C. 3 DAY HI-EARLY MIX PER 8-06.3.
 - 19 CONSTRUCT NEW SIDEWALK PER COT STD. PLAN SU-04.
 - 20 INSTALL CATCH BASIN TYPE 1 PER WSDOT STD. PLAN B-5.20-03 WITH COMBINATION INLET PER WSDOT STD. B-25.20-02.
 - 21 MANHOLE TYPE 1 TO BE INSTALLED PER COT STD. PLAN SU-17 WITH FRAME AND COVER PER COT STD. PLANS SU-21, SU-22, SU-25.
 - 22 MANHOLE TYPE 3 TO BE INSTALLED PER COT STD. PLAN SU-19 WITH FRAME AND COVER PER COT STD. PLANS SU-21, SU-22, SU-25.
 - 23 CONNECT TO EXISTING WITH ROMAC COUPLER PER SPECIAL PROVISION 7-08.3(2)F.
 - 24 RECONNECT EXISTING PIPE TO NEW STRUCTURE PER SPECIAL PROVISION 7-05.
 - 25 CONNECT NEW SEWER PIPE TO EX. STRUCTURE PER SPECIAL PROVISION 7-05.
 - 26 ADJUST EXISTING MANHOLE AND INSTALL NEW FRAME AND COVER PER SPECIAL PROVISION 7-05.
 - 27 CONNECT SIDE SEWER TO NEW MAIN AT THE ACTUAL LOCATION FOUND IN THE FIELD. REPLACE THE SIDE SEWER TO THE EXTENT DESCRIBED IN THE GENERAL SEWER NOTES ON SHEET 2.
 - 28 INSTALL A CLEANOUT PER COT STD. PLAN SU-24.
 - 29 REDIRECT SIDE SEWER TO CONNECT TO MAINLINE PER COT STD. DETAIL SU-23.
 - 30 REPLACE SURVEY CONTROL (MAG) IN COORDINATION WITH CITY INSPECTION AND SURVEY STAFF.
 - 31 ADJUST EXISTING CATCH BASIN, FURNISH AND INSTALL NEW FRAME AND GRATE PER SPECIAL PROVISION 7-05.
 - 32 INSTALL CATCH BASIN TYPE 1 PER WSDOT STD B-5.20-03 WITH VANED GRATE PER WSDOT STD B-30.30-03.

- GENERAL NOTES:**
1. EXISTING UTILITIES SHOWN ARE APPROXIMATE LOCATIONS FROM BEST AVAILABLE INFORMATION AND MAY BE INCOMPLETE. UTILITY CROSSING ELEVATIONS ARE ONLY SHOWN IN PROFILE IF POTHOLE OR CONSTRUCTION DRAWINGS ARE AVAILABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES. CALL TWO BUSINESS DAYS BEFORE YOU DIG (1-800-424-5555) OR VISIT ONLINE WWW.CALLBEFOREYOU.DIG.ORG
 2. STORM STRUCTURE RIM ELEVATIONS AND STATION/OFFSETS ARE TO CENTER OF STRUCTURE. PIPE INVERT ELEVATIONS ARE SPECIFIED TO THE PROJECTED CENTER OF STRUCTURES. MATCH FINISHED GRADES AND GUTTER ELEVATIONS UNLESS OTHERWISE NOTED.
 3. PROVIDE AND MAINTAIN INLET PROTECTION TO STORM STRUCTURES UNTIL END OF CONSTRUCTION ACTIVITIES. REMOVE WHEN CONSTRUCTION IS COMPLETE.

SIDE SEWER TABLE			
APPROX. STA	DIRECTION	APPROX. STA	DIRECTION
108+28	RT	110+42	RT
108+39	LT	110+45	LT
108+65	LT	110+52	C
108+89	RT	110+65	RT
109+65	RT	110+68	LT
109+67	LT	110+90	C
109+91	C	111+44	LT
109+94	C	111+70	LT
110+16	RT	801+77	LT
110+19	LT	801+80	RT

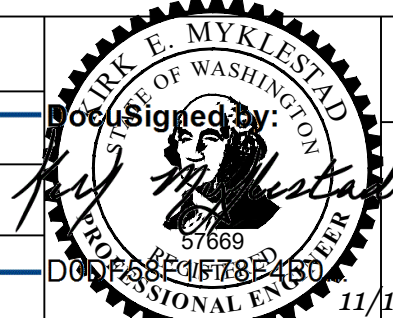
NOTE: STATIONING OF EX. SIDE SEWER IS ESTIMATED BASED ON VIDEO INSPECTION OF MAIN. LOCATION OF EX. SIDE SEWER AT POINT OF RECONNECTION IS UNKNOWN.

BID SET



NO	REVISION	DATE	APPD

FINAL CONSTRUCTION CHECKED	DATE: 11/12/2024	SCALE: 1" = 20'
DESIGNED: KM	CHECKED: EV	FIELD BOOK
DATE	DRAWN: JP	
DRAWING NAME: ENV-04025-03 PS P&P West-East.dwg	DATE: 11/12/2024	



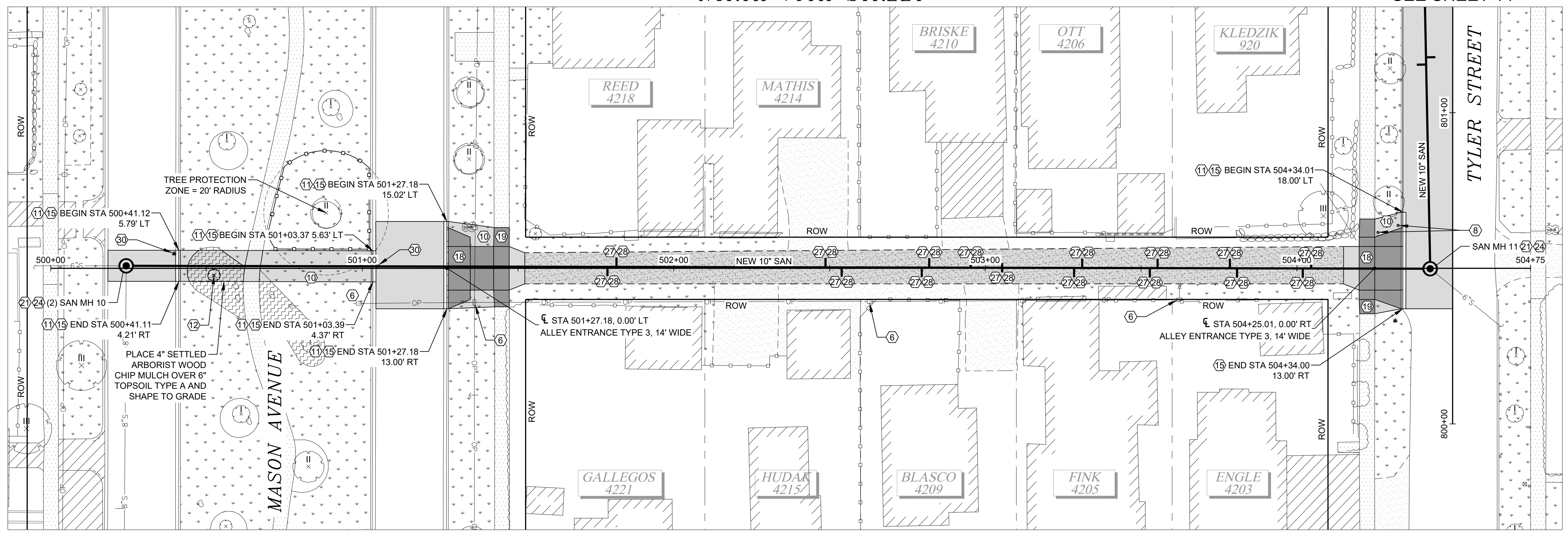
CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT

WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
Plan & Profile

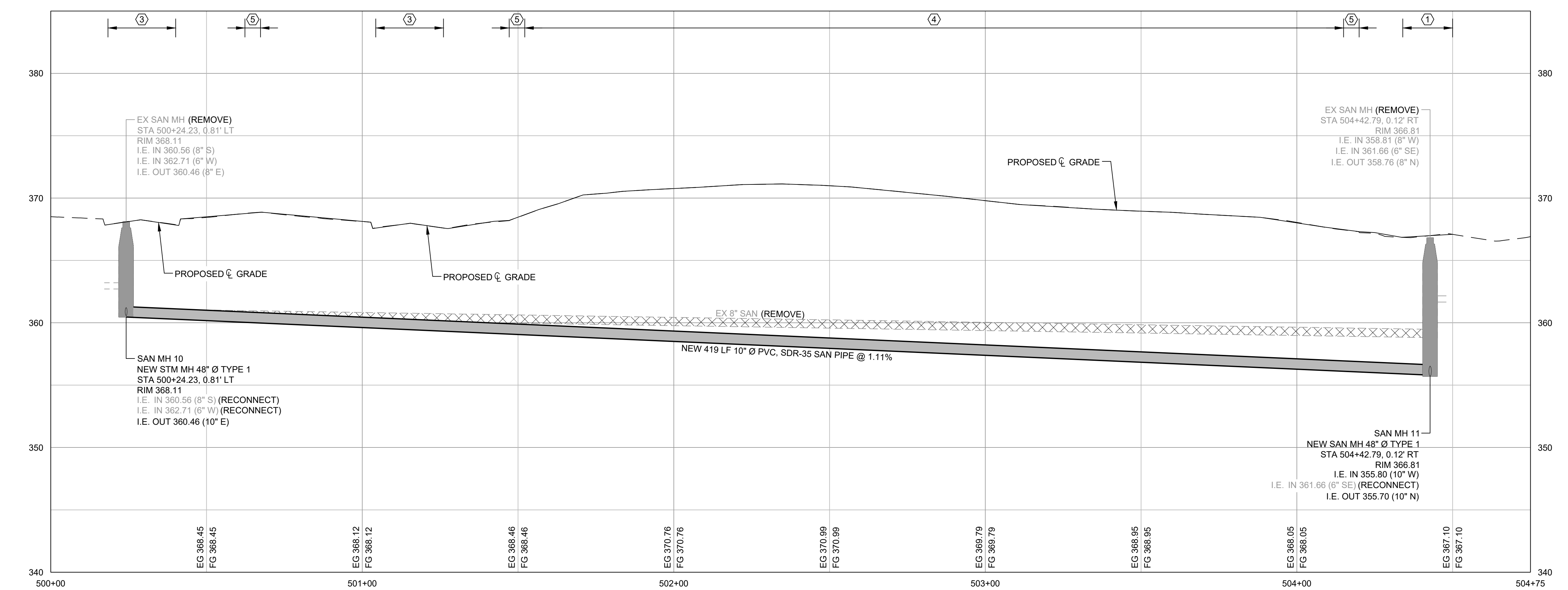
SPEC. NO. ES24-0157F
WBS NO. ENV-04025-03
SHEET NO. 12 OF 33

NORTH 10TH STREET

SEE SHEET 14



NORTH 9TH STREET



- CONSTRUCTION NOTES:**
- 1 ASPHALT PAVEMENT RESTORATION, SEE SHEET 26.
 - 2 CONCRETE PAVEMENT RESTORATION, SEE SHEET 26.
 - 3 ASPHALT ROADWAY REPLACEMENT, SEE DETAIL (1/26)
 - 4 SHAPE TO GRADE AND PLACE 3" CSBC. ALLEY WIDTH VARIES, SEE PLANS.
 - 5 ALLEY/TRAIL ASPHALT PAVING PER DETAIL (2/26)
 - 6 CONTRACTOR TO COORDINATE WITH TACOMA POWER AT LEAST 2 WEEKS IN ADVANCE OF EXCAVATION TO INSPECT AND HOLD POLE IF NECESSARY. SEE SPECIAL PROVISION 1-07.17.
 - 7 CONTRACTOR TO POTHOLE TO CONFIRM LOCATION AND DEPTH PER COT STD. PLAN SU-27 PRIOR TO CONSTRUCTION START.
 - 8 RELOCATE IRRIGATION IF IN CONFLICT WITH CONSTRUCTION PER SPECIAL PROVISION 8-03.
 - 9 REPLACE POURED MONUMENT PER COT STD. PLAN SU-01.
 - 10 IMPORT TOPSOIL TYPE A AND HYDROSEED LAWN PER COT STD PLAN GSI-01D AND SPECIAL PROVISION 8-02.3(10)B.
 - 11 MATCH INTO EXISTING CURB OR CURB AND GUTTER.
 - 12 INSTALL STREET TREE PER COT STD. PLAN LS-01, LS-02 AND SPECIAL PROVISION 8-02. WIRELESS JAPANESE ZELKOVA (ZELKOVA SERRATA 'WIRELESS'), MIN. 2" CALIPER, B&B.
 - 13 CEMENT CONCRETE CURB AND GUTTER PAN, SEE DETAIL (1/27)
 - 14 HMA WEDGE CURB STANDARD WIDTH PER COT STD PLAN SU-03A.
 - 15 CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER COT STD. PLAN SU-03.
 - 16 CURB TRANSITION BETWEEN CONCRETE TRAFFIC CURB AND GUTTER AND ASPHALT WEDGE CURB, SEE DETAIL (2/27)
 - 17 MATCH INTO ALIGNMENT OF EXISTING ASPHALT WEDGE CURB.
 - 18 CONSTRUCT CONCRETE ALLEY ENTRANCE TYPE 3 PER COT STD. PLAN SU-7C. 3 DAY HI-EARLY MIX PER 8-06.3.
 - 19 CONSTRUCT NEW SIDEWALK PER COT STD. PLAN SU-04.
 - 20 INSTALL CATCH BASIN TYPE 1 PER WSDOT STD. PLAN B-5.20-03 WITH COMBINATION INLET PER WSDOT STD. B-25.20-02.
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 - 27 CONNECT SIDE SEWER TO NEW MAIN AT THE ACTUAL LOCATION FOUND IN THE FIELD. REPLACE THE SIDE SEWER TO THE EXTENT DESCRIBED IN THE GENERAL SEWER NOTES ON SHEET 2.
 - 28 INSTALL A CLEANOUT PER COT STD. PLAN SU-24.
 - 29 REDIRECT SIDE SEWER TO CONNECT TO MAINLINE PER COT STD. DETAIL SU-23.
 - 30 REPLACE SURVEY CONTROL (MAG) IN COORDINATION WITH CITY INSPECTION AND SURVEY STAFF.
 - 31 ADJUST EXISTING CATCH BASIN, FURNISH AND INSTALL NEW FRAME AND GRATE PER SPECIAL PROVISION 7-05.
 - 32 INSTALL CATCH BASIN TYPE 1 PER WSDOT STD B-5.20-03 WITH VANED GRATE PER WSDOT STD B-30.30-03.

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 3. PROVIDE AND MAINTAIN INLET PROTECTION TO STORM STRUCTURES UNTIL END OF CONSTRUCTION ACTIVITIES. REMOVE WHEN CONSTRUCTION IS COMPLETE.

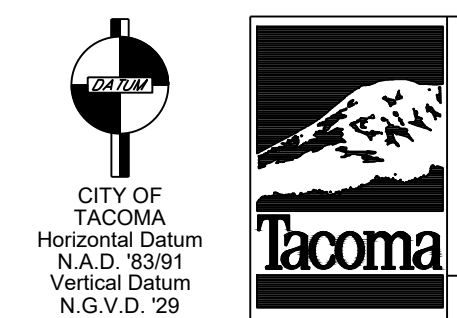
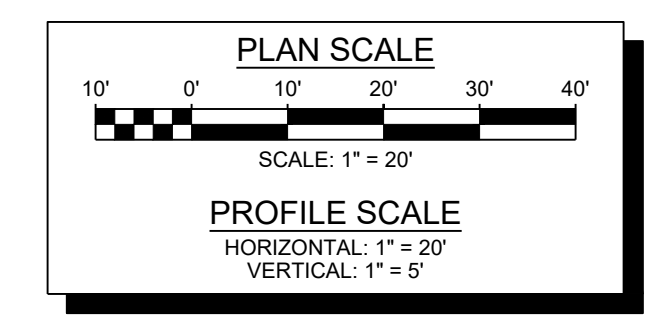
SIDE SEWER TABLE

APPROX. STA	DIRECTION	APPROX. STA	DIRECTION
501+79	RT	503+28	RT
501+82	LT	503+31	LT
502+49	LT	503+33	RT
502+54	RT	503+55	LT
502+80	RT	503+78	LT
502+82	LT	503+81	RT
502+95	LT	504+02	RT
503+05	C	504+05	LT

NOTE: STATIONING OF EX. SIDE SEWER IS ESTIMATED BASED ON VIDEO INSPECTION OF MAIN. LOCATION OF EX. SIDE SEWER AT POINT OF RECONNECTION IS UNKNOWN.

DATE: 11/12/2024 10:48 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET - N 10TH AND STEVENS\PRODUCTION SET - N 10TH AND STEVENS\PS P&P WEST-EAST LAYOUT: 13 ALLEY FROM MASON AVE. & TYLER ST.

BID SET



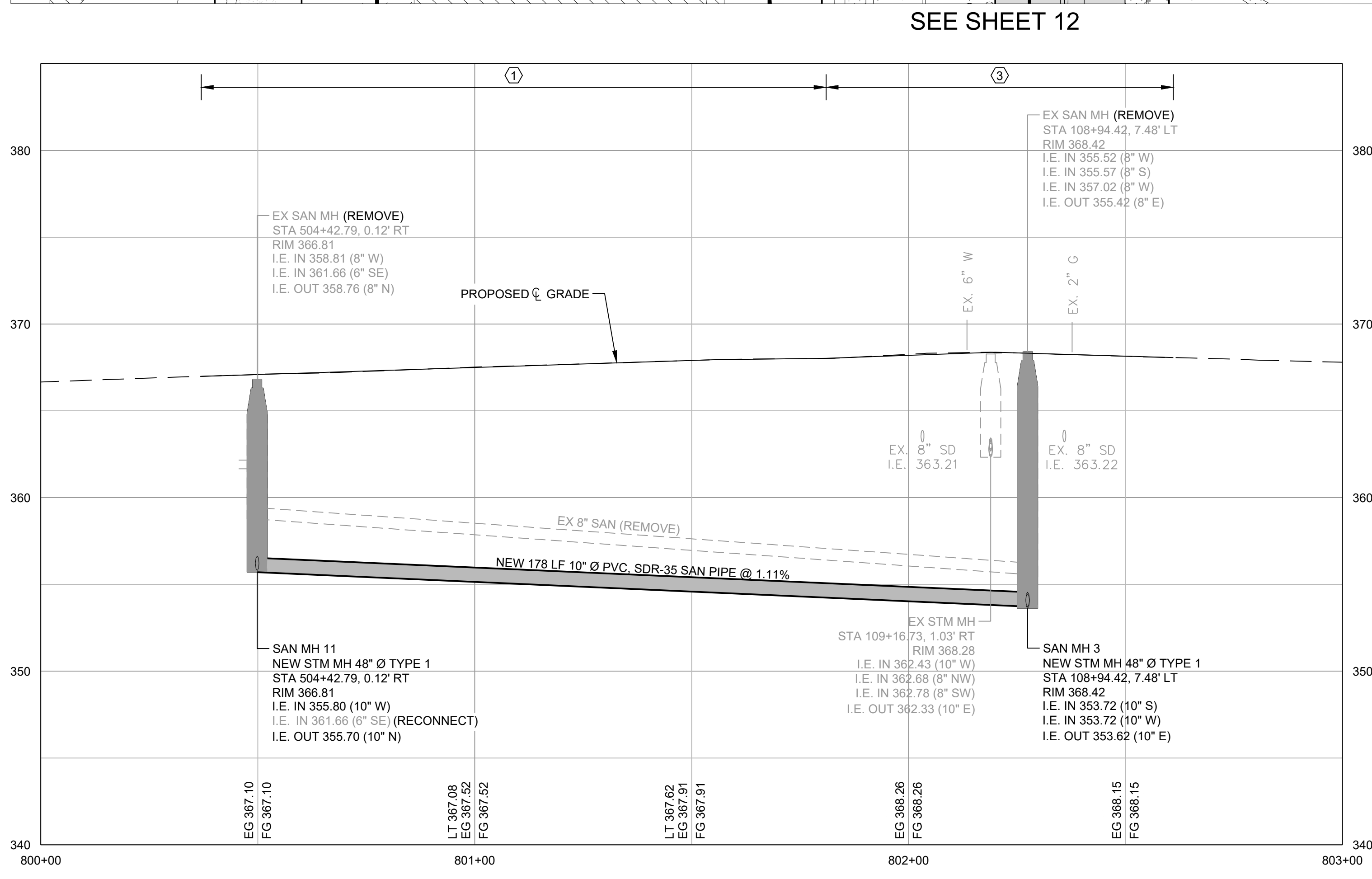
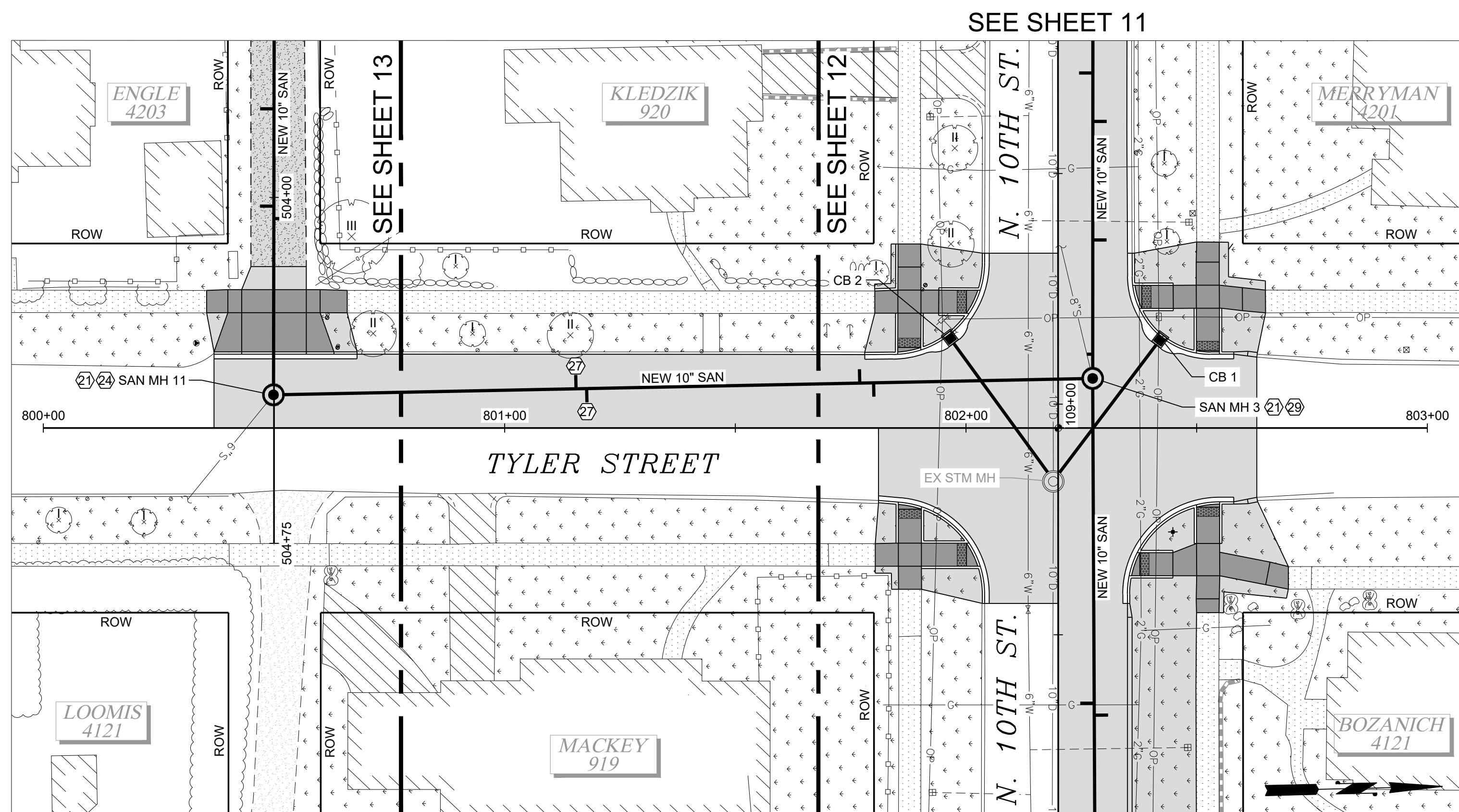
NO	REVISION	DATE	APPD

CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT

WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
Alley from Mason Ave. & Tyler St. between N. 10th St. and N. 9th St.
Plan & Profile

SPEC. NO. ES24-0157F
WBS NO. ENV-04025-03
SHEET NO. 13 OF 33

DATE: 11/12/2024 10:49 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS P&P SOUTH-NORTH LAYOUT: 14 NORTH TYLER STREET



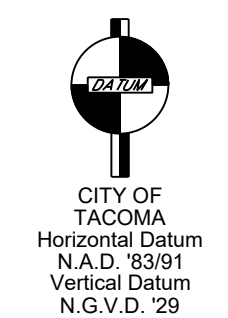
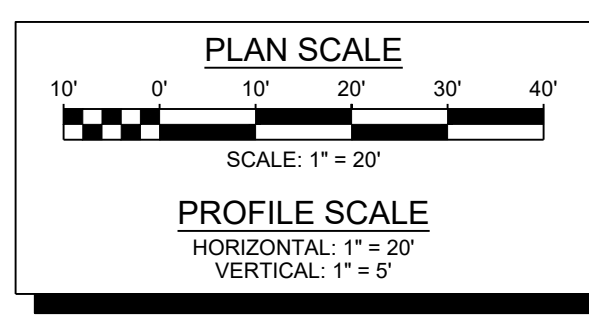
- CONSTRUCTION NOTES:**
- ① ASPHALT PAVEMENT RESTORATION, SEE SHEET 26.
 - ② CONCRETE PAVEMENT RESTORATION, SEE SHEET 26.
 - ③ ASPHALT ROADWAY REPLACEMENT, SEE DETAIL 1/26
 - ④ SHAPE TO GRADE AND PLACE 3" CSBC. ALLEY WIDTH VARIES, SEE PLANS.
 - ⑤ ALLEY/TRAIL ASPHALT PAVING PER DETAIL 2/26
 - ⑥ CONTRACTOR TO COORDINATE WITH TACOMA POWER AT LEAST 2 WEEKS IN ADVANCE OF EXCAVATION TO INSPECT AND HOLD POLE IF NECESSARY. SEE SPECIAL PROVISION 1-07.17.
 - ⑦ CONTRACTOR TO POTHOLE TO CONFIRM LOCATION AND DEPTH PER COT STD. PLAN SU-27 PRIOR TO CONSTRUCTION START.
 - ⑧ RELOCATE IRRIGATION IF IN CONFLICT WITH CONSTRUCTION PER SPECIAL PROVISION 8-03.
 - ⑨ REPLACE POURED MONUMENT PER COT STD. PLAN SU-01.
 - ⑩ IMPORT TOPSOIL TYPE A AND HYDROSEED LAWN PER COT STD PLAN GSI-01D AND SPECIAL PROVISION 8-02. WIRELESS JAPANESE ZELKOVA (ZELKOVA SERRATA 'WIRELESS'). MIN. 2" CALIPER, B&B.
 - ⑪ MATCH INTO EXISTING CURB OR CURB AND GUTTER.
 - ⑫ INSTALL STREET TREE PER COT STD. PLAN LS-01, LS-02 AND SPECIAL PROVISION 8-02. WIRELESS JAPANESE ZELKOVA (ZELKOVA SERRATA 'WIRELESS'). MIN. 2" CALIPER, B&B.
 - ⑬ CEMENT CONCRETE CURB AND GUTTER PAN, SEE DETAIL 1/27
 - ⑭ HMA WEDGE CURB STANDARD WIDTH PER COT STD PLAN SU-03A.
 - ⑮ CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER COT STD. PLAN SU-03.
 - ⑯ CURB TRANSITION BETWEEN CONCRETE TRAFFIC CURB AND GUTTER AND ASPHALT WEDGE CURB, SEE DETAIL 2/27
 - ⑰ MATCH INTO ALIGNMENT OF EXISTING ASPHALT WEDGE CURB.
 - ⑱ CONSTRUCT CONCRETE ALLEY ENTRANCE TYPE 3 PER COT STD. PLAN SU-7C. 3 DAY HI-EARLY MIX PER 8-06.3.
 - ⑲ CONSTRUCT NEW SIDEWALK PER COT STD. PLAN SU-04.
 - ⑳ INSTALL CATCH BASIN TYPE 1 PER WSDOT STD. PLAN B-5-20-03 WITH COMBINATION INLET PER WSDOT STD. B-25.20-02.
 - ㉑ MANHOLE TYPE 1 TO BE INSTALLED PER COT STD. PLAN SU-17 WITH FRAME AND COVER PER COT STD. PLANS SU-21, SU-22, SU-25.
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 - ㉕ CONNECT NEW SEWER PIPE TO EX. STRUCTURE PER SPECIAL PROVISION 7-05.
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- GENERAL NOTES:**
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 3. PROVIDE AND MAINTAIN INLET PROTECTION TO STORM STRUCTURES UNTIL END OF CONSTRUCTION ACTIVITIES. REMOVE WHEN CONSTRUCTION IS COMPLETE.

SIDE SEWER TABLE	
APPROX. STA	DIRECTION
801+15	LT
801+18	RT

NOTE: STATIONING OF EX. SIDE SEWER IS ESTIMATED BASED ON VIDEO INSPECTION OF MAIN. LOCATION OF EX. SIDE SEWER AT POINT OF RECONNECTION IS UNKNOWN.

BID SET



NO	REVISION	DATE	APPD

FINAL CONSTRUCTION CHECKED	DATE 11/12/2024	SCALE 1" = 20'
BY	DESIGNED KM	CHECKED EV
DATE	DRAWN JP	FIELD BOOK
DRAWING NAME ENV-04025-03 PS P&P South-North.dwg		

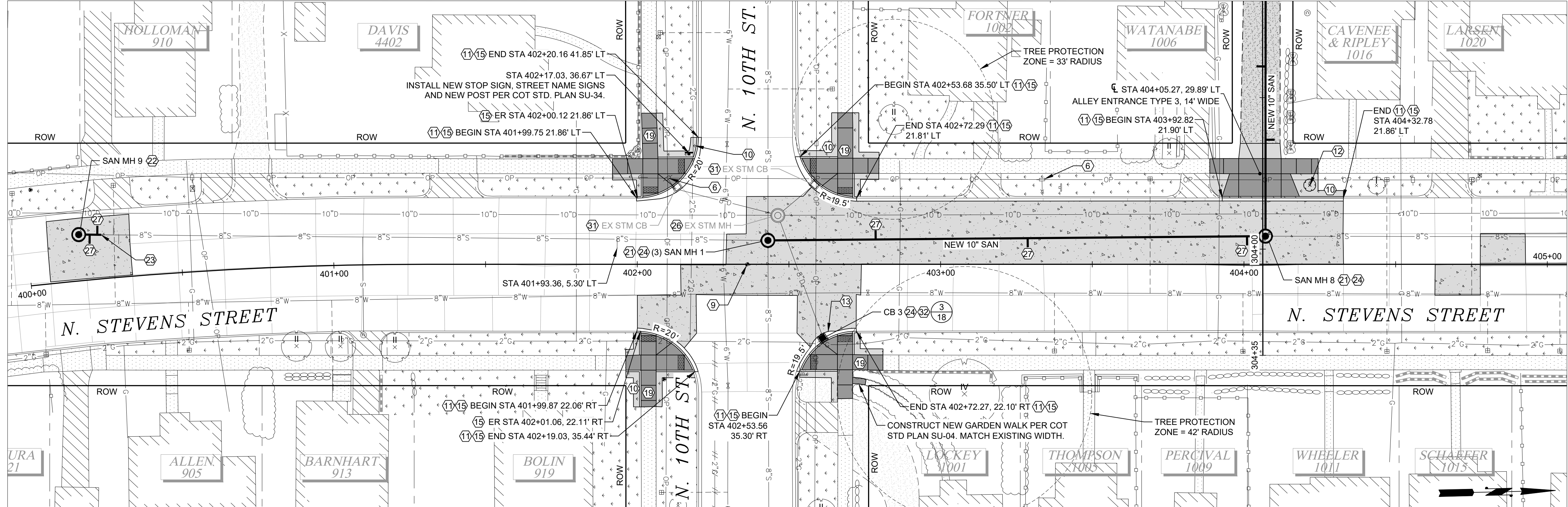


CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT

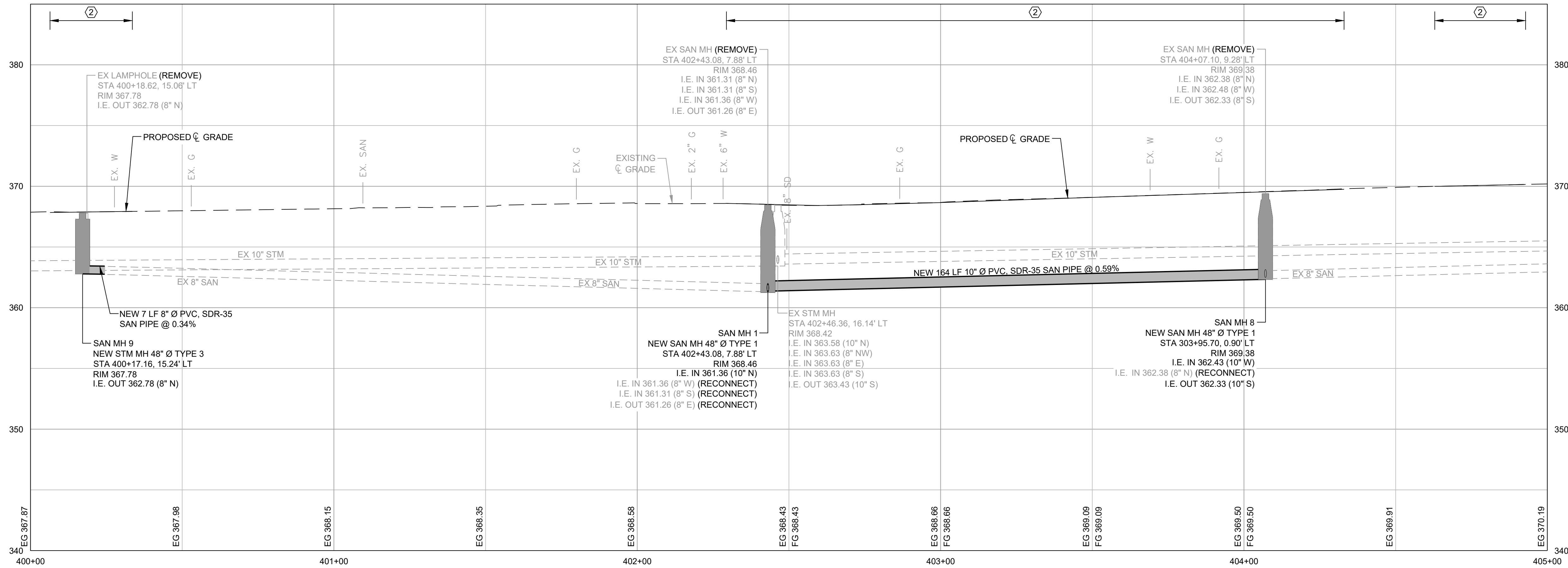
WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
North Tyler Street between N. Mason St. & N. Monroe St.
Plan & Profile

SPEC. NO. ES24-0157F
WBS NO. ENV-04025-03
SHEET NO. 14 OF 33

SEE SHEET 16



- CONSTRUCTION NOTES:**
- ASPHALT PAVEMENT RESTORATION, SEE SHEET 26.
 - CONCRETE PAVEMENT RESTORATION, SEE SHEET 26.
 - ASPHALT ROADWAY REPLACEMENT, SEE DETAIL (1/26)
 - SHAPE TO GRADE AND PLACE 3" CSBC. ALLEY WIDTH VARIES, SEE PLANS.
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 - REPLACE POURED MONUMENT PER COT STD. PLAN SU-01.
 - IMPORT TOPSOIL TYPE A AND HYDROSEED LAWN PER COT STD PLAN GSI-01D AND SPECIAL PROVISION 8-02.3(10)B.
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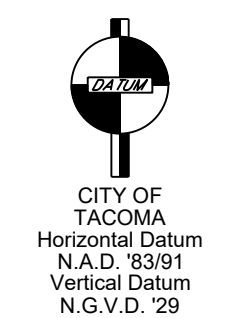
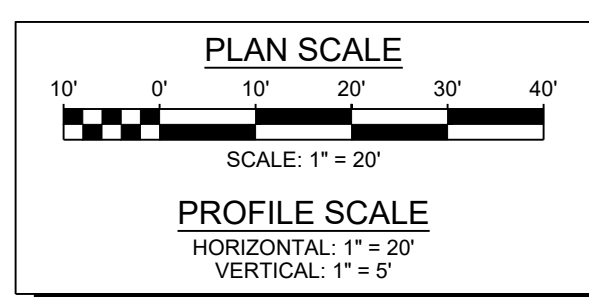
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SIDE SEWER TABLE	
APPROX. STA	DIRECTION
400+20	RT
400+23	LT
400+29	LT
400+30	RT
401+09	RT
401+93	RT
402+79	LT
403+29	RT
404+01	RT

NOTE: STATIONING OF EX. SIDE SEWER IS ESTIMATED BASED ON VIDEO INSPECTION OF MAIN. LOCATION OF EX. SIDE SEWER AT POINT OF RECONNECTION IS UNKNOWN.

DATE: 11/12/2024 10:49 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N. 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS P&P SOUTH-NORTH LAYOUT: 16 NORTH STEVENS STREET

BID SET



NO	REVISION	DATE	APPD

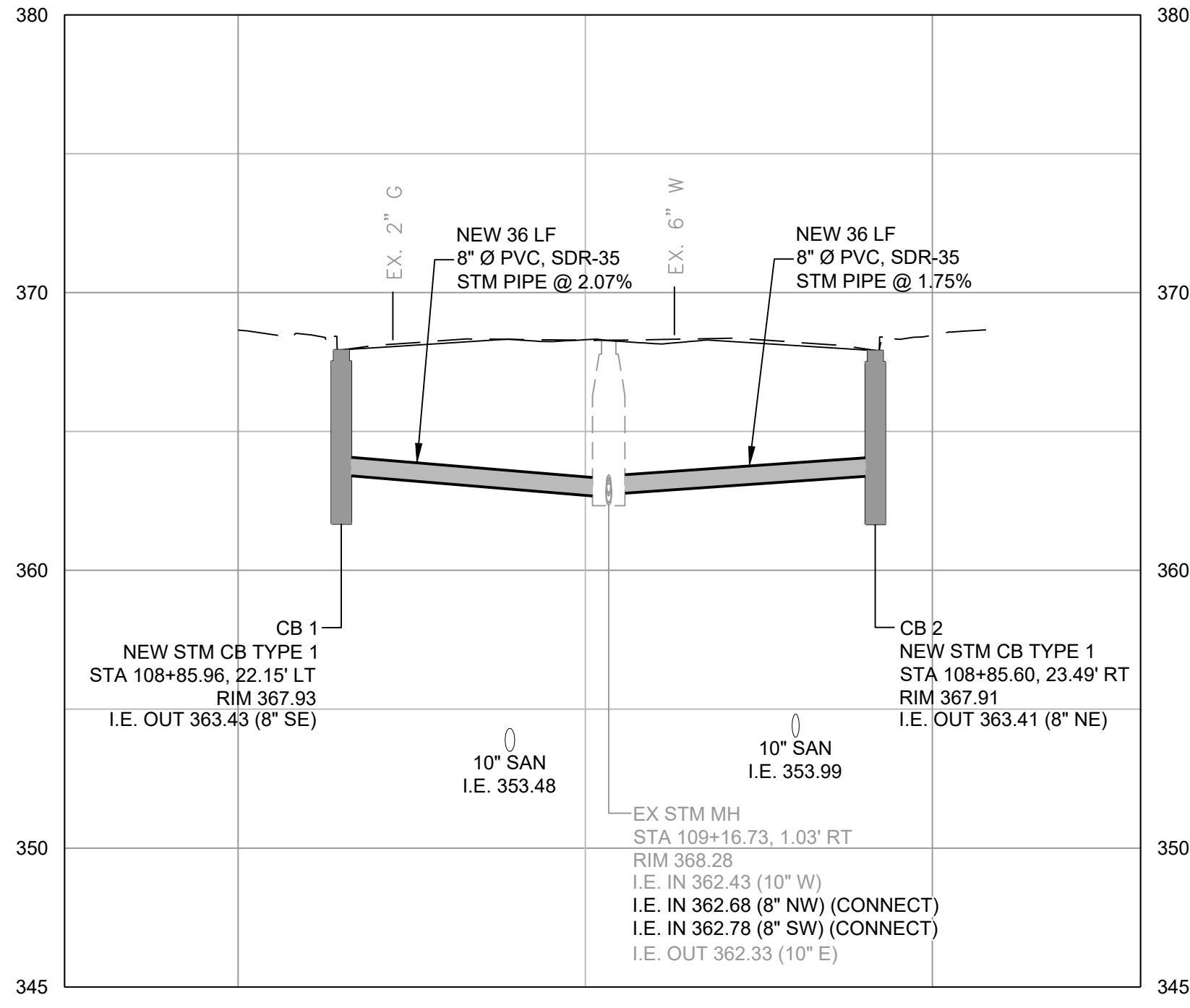
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DESIGNED	CHECKED	
KM	EV	
DRAWN	FIELD BOOK	
JP		
DRAWING NAME		
ENV-04025-03 PS P&P South-North.dwg		



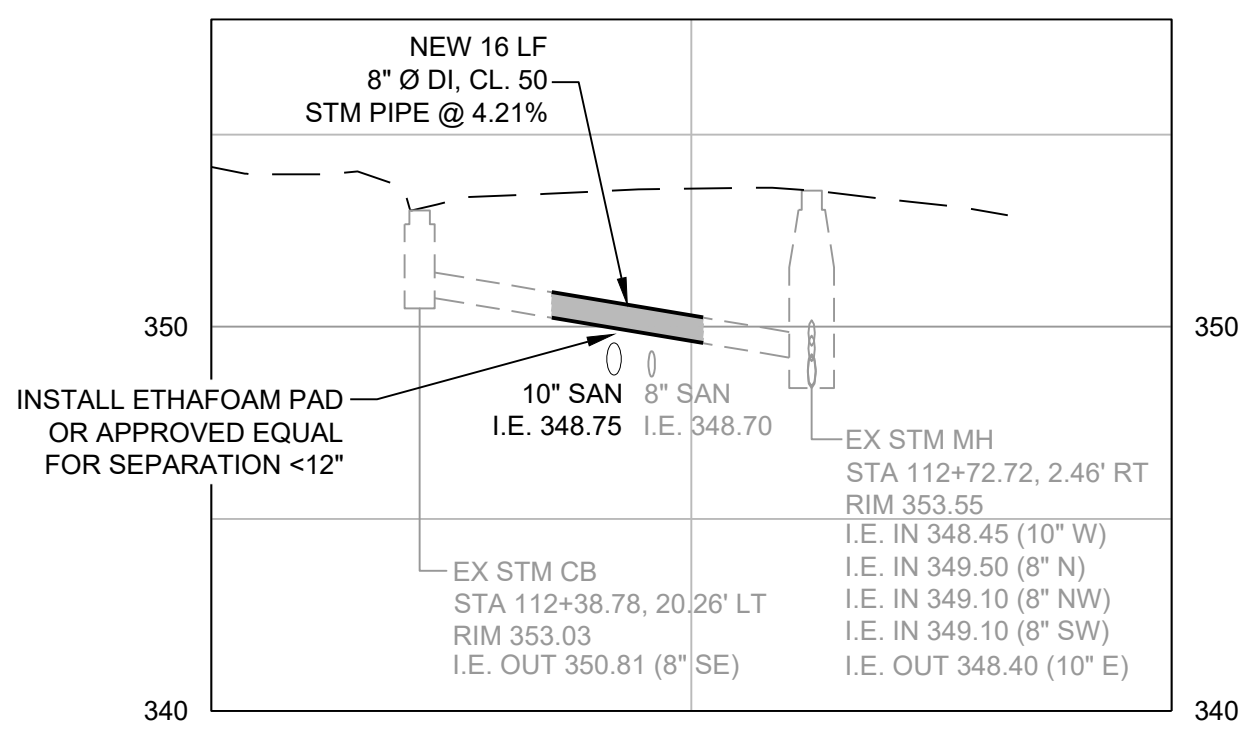
CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
North Stevens Street between N. 9th St. & N. 11th St.
Plan & Profile

SPEC. NO.	ES24-0157F
WBS NO.	
SHEET NO.	ENV-04025-03
SHEET	15 of 33

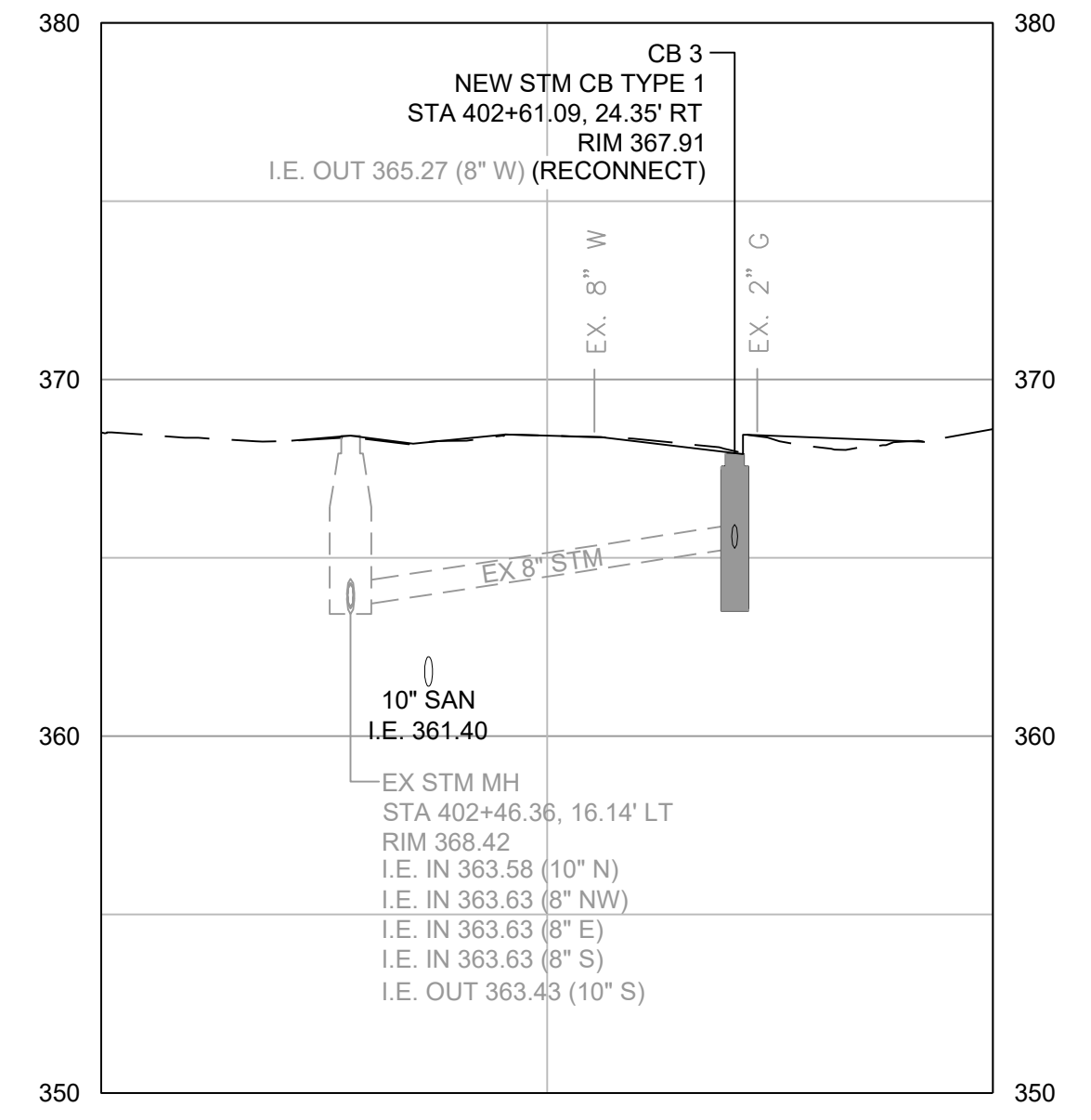
DATE: 11/12/2024 10:50 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS P&P WEST-EAST LAYOUT: 18 STORMWATER LATERAL PROFILES



N. 10TH STREET & N. TYLER STREET
STORM LATERAL SECTION
 NO SCALE 1 / 12

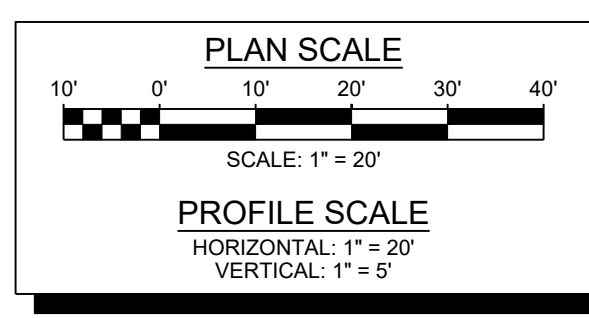


N. 10TH STREET & N. MONROE STREET
STORM LATERAL SECTION
 NO SCALE 2 / 12



N. STEVENS STREET & N. 10TH STREET
STORM LATERAL SECTION
 NO SCALE 3 / 15

BID SET



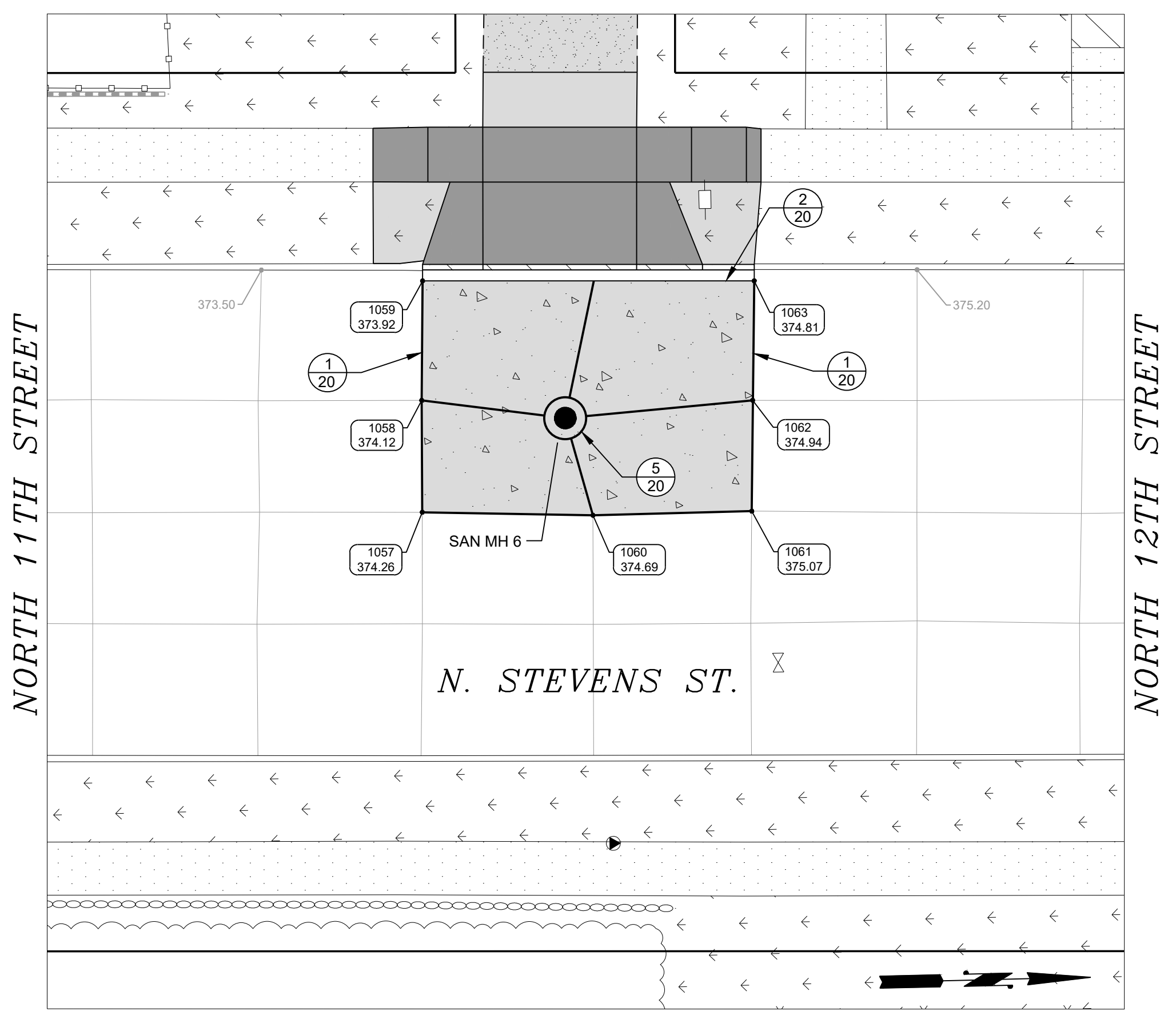
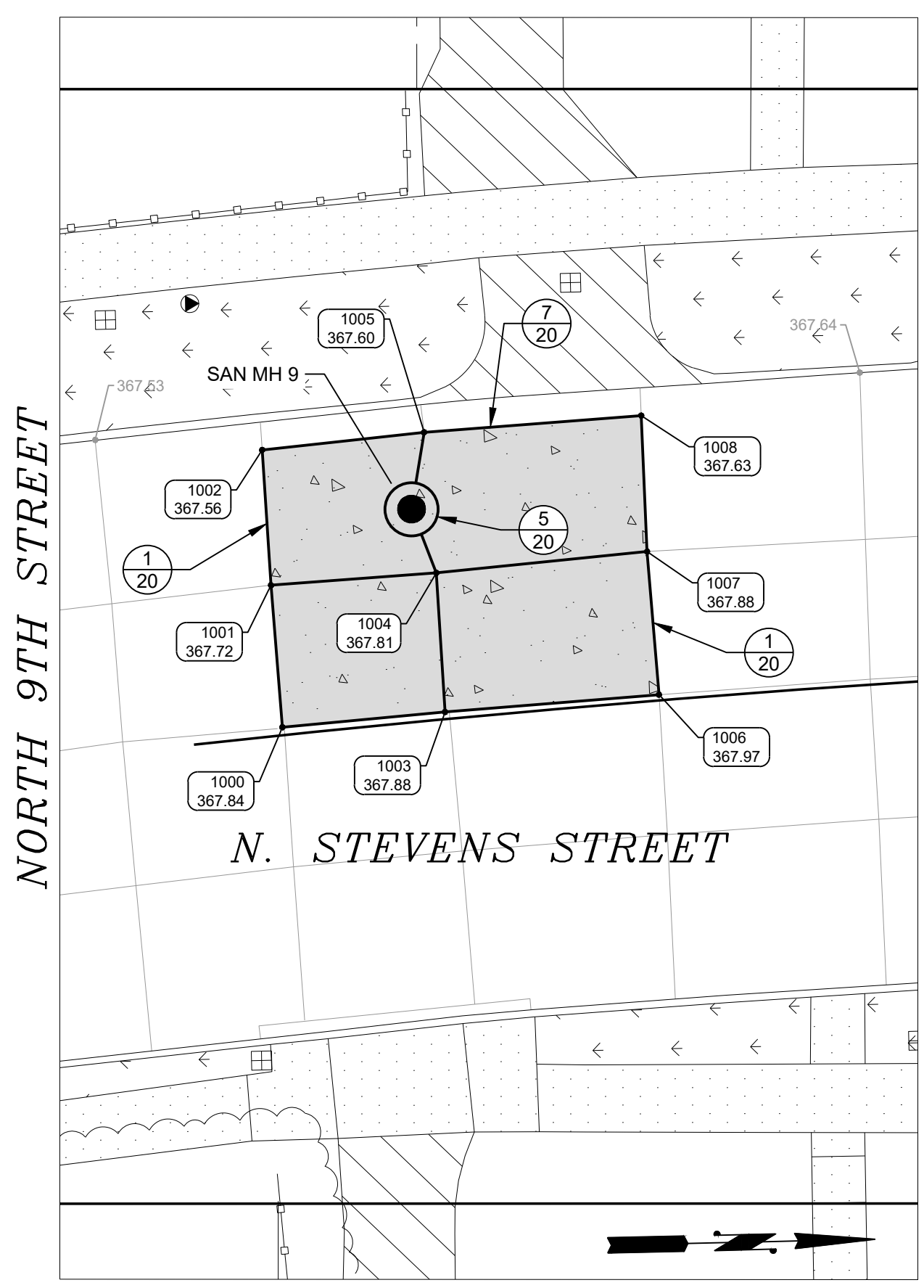
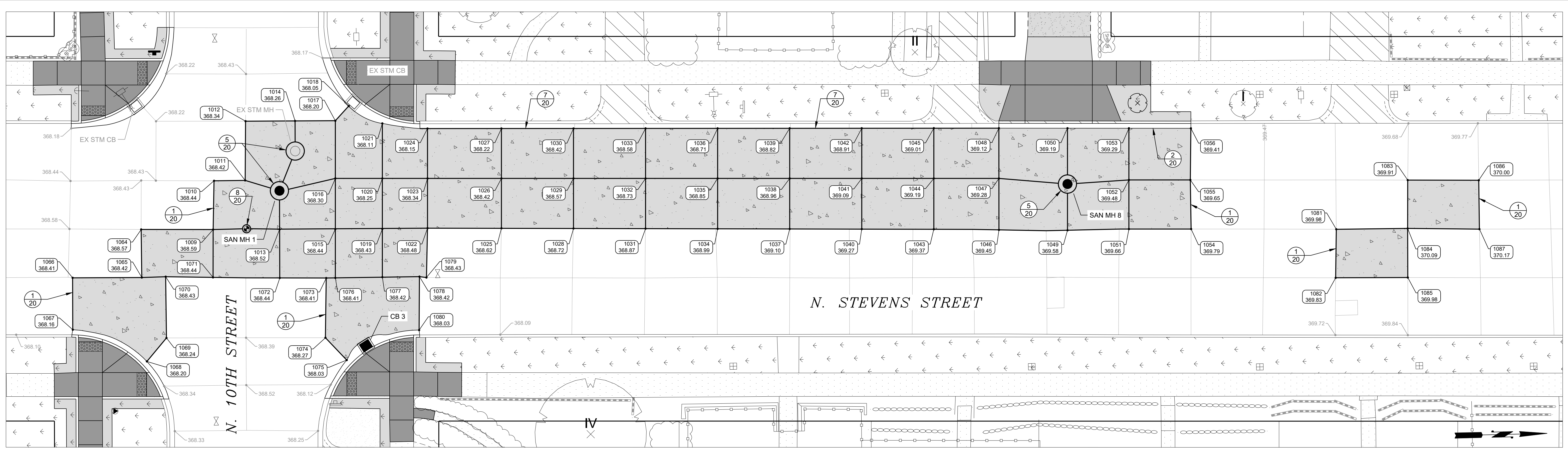
NO	REVISION	DATE	APPD



CITY OF TACOMA
 ENVIRONMENTAL SERVICES DEPARTMENT
WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
 Stormwater Lateral Profiles

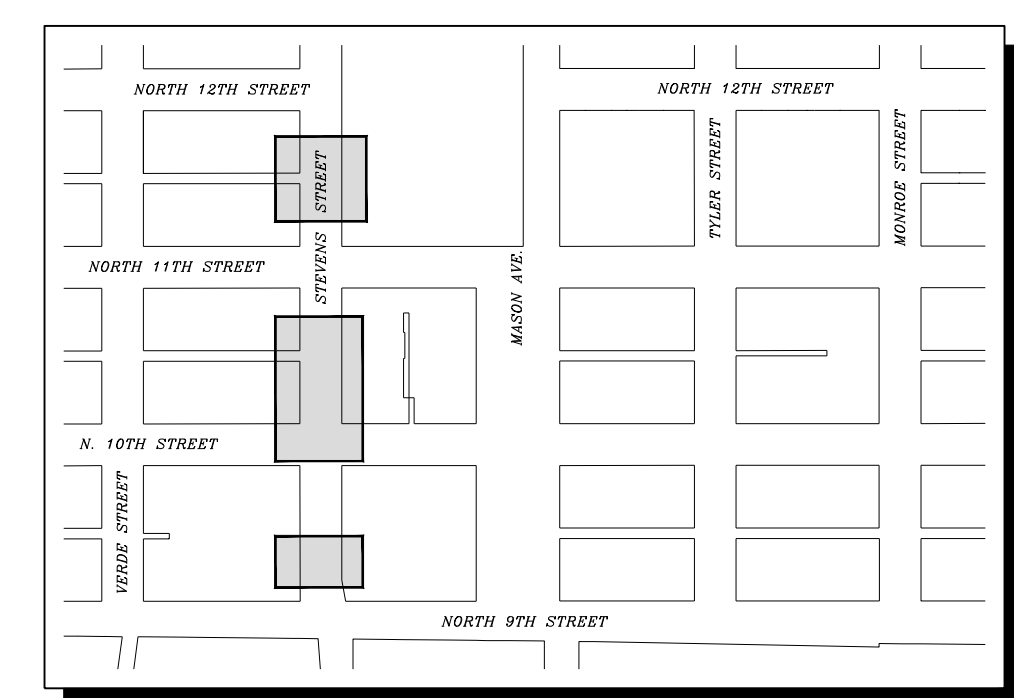
SPEC. NO.	ES24-0157F
WBS NO.	
SHEET NO.	ENV-04025-03
SHEET	18 of 33

DATE: 11/12/2024 10:51 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS CONCRETE JOINT PLAN LAYOUT: 19 NORTH STEVENS STREET

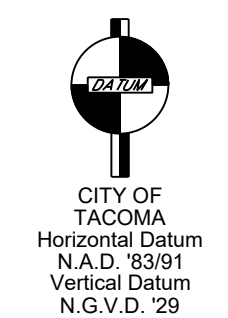
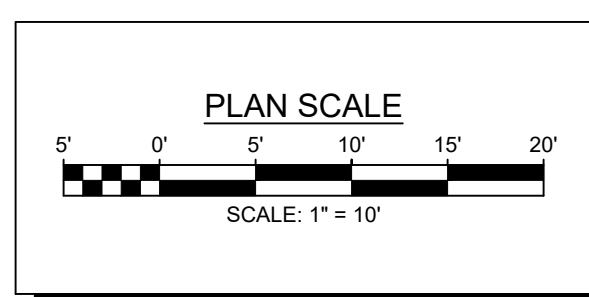


GENERAL NOTES:

1. THE CONCRETE JOINT LAYOUT SHOWN ON THIS PLAN IS FOR CONTRACTOR REFERENCE. REFER TO SPECIAL PROVISION 5-05.3(8).
2. EXISTING AND PROPOSED UTILITY STRUCTURES ARE SHOWN FOR REFERENCE.



BID SET



NO	REVISION	DATE	APPD

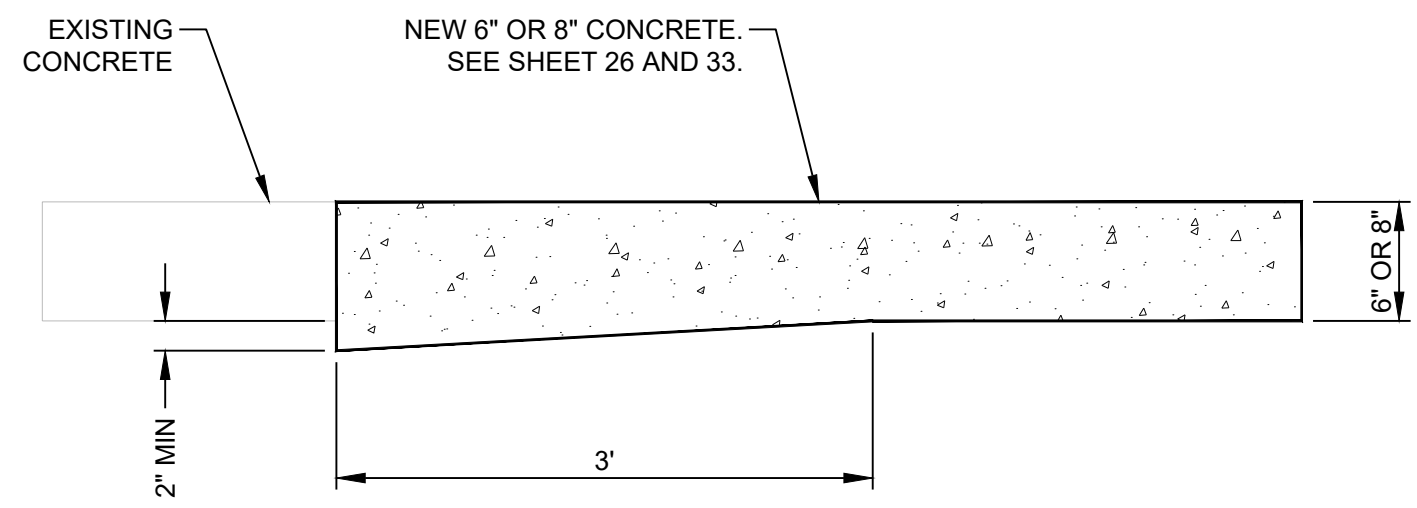
FINAL CONSTRUCTION CHECKED	DATE	SCALE
DESIGNED	11/12/2024	1" = 10'
CHECKED	KM	EV
DRAWN	JP	FIELD BOOK
DRAWING NAME		
ENV-04025-03 PS Concrete Joint Plan.dwg		



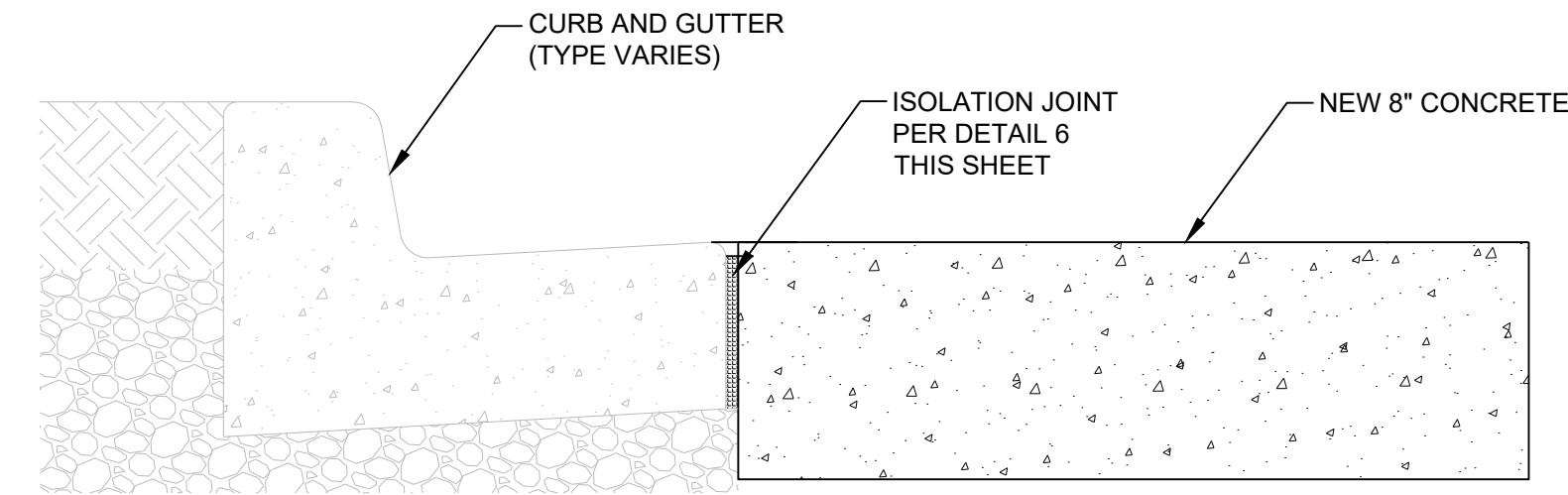
CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
 WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
 North Stevens Street
 Concrete Jointing Plan

SPEC. NO.	ES24-0157F
WBS NO.	
SHEET NO.	ENV-04025-03
SHEET	19 of 33

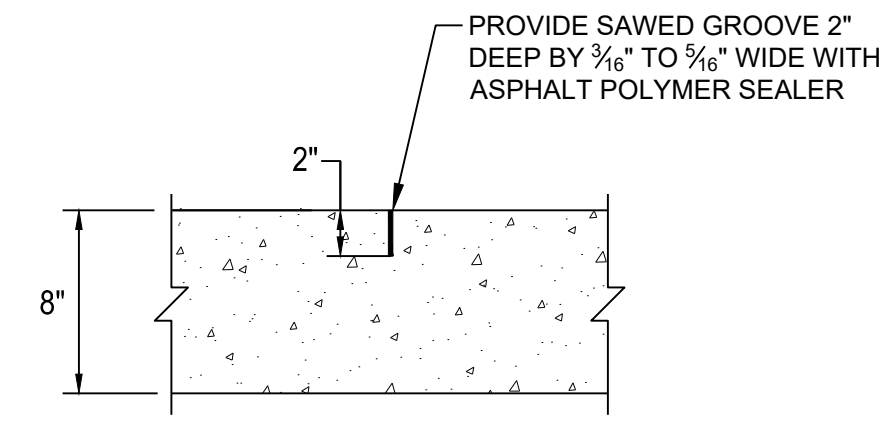
DATE: 11/12/2024 10:52 AM PATH: W:\PROJECTS\ENR\4025-03 WW SEWER REPLACEMENT - N. 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS CONCRETE JOINT DETAILS & POINT TABLE LAYOUT: 20 CONCRETE JOINT DETAILS & POINT TABLE



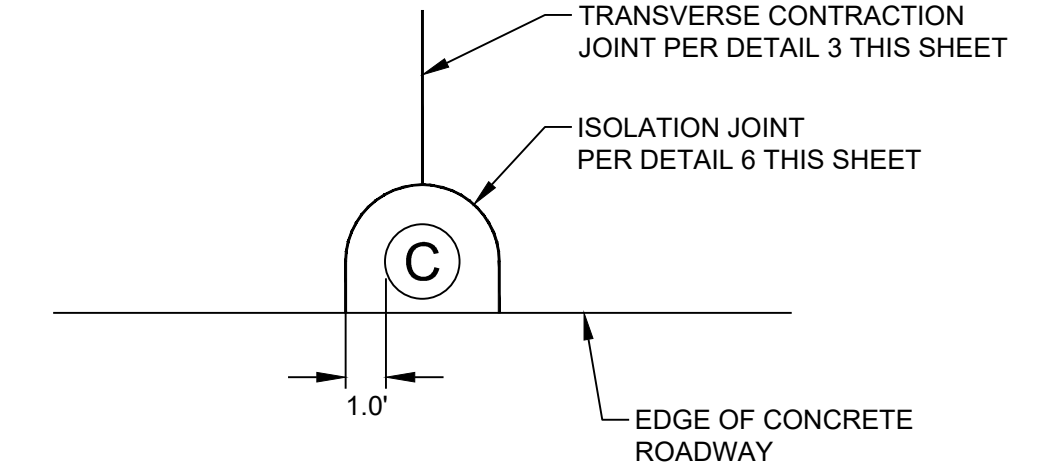
EXISTING TO NEW CONCRETE TRANSITION
DETAIL 1
NO SCALE TYP



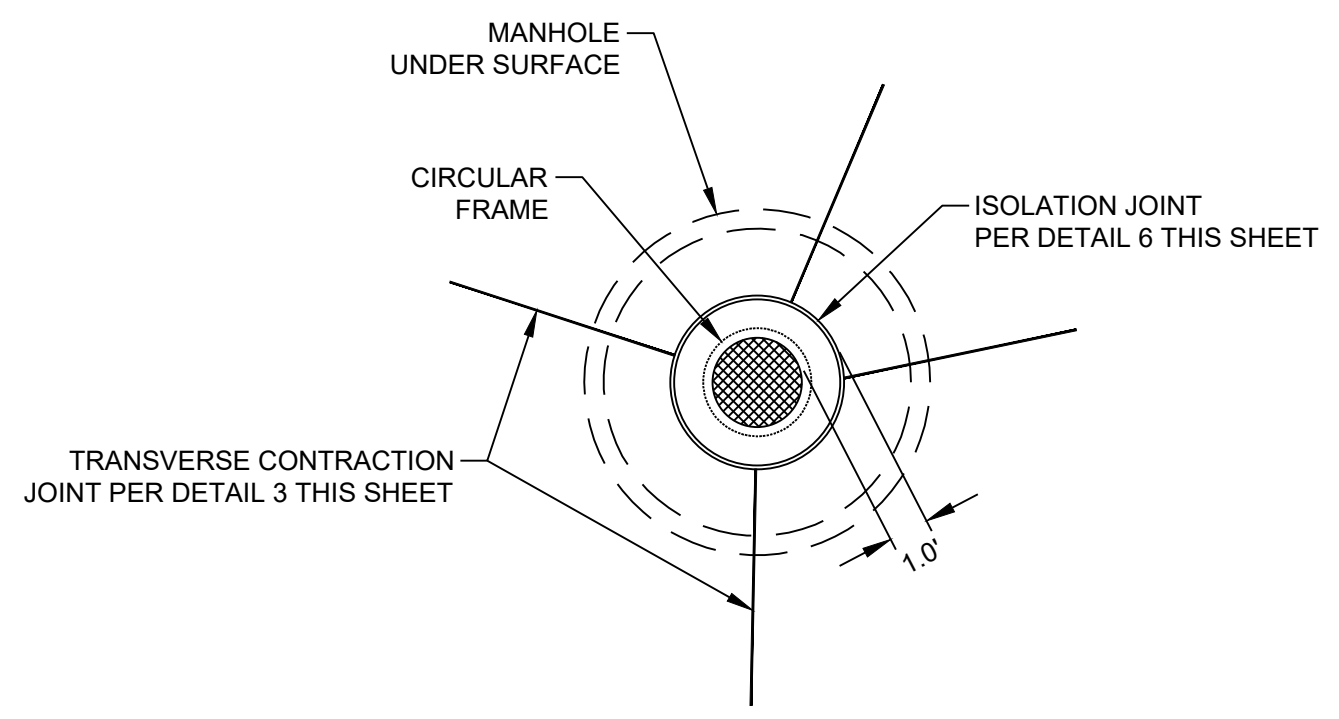
JOINT AT CURB & GUTTER
DETAIL 2
NO SCALE TYP



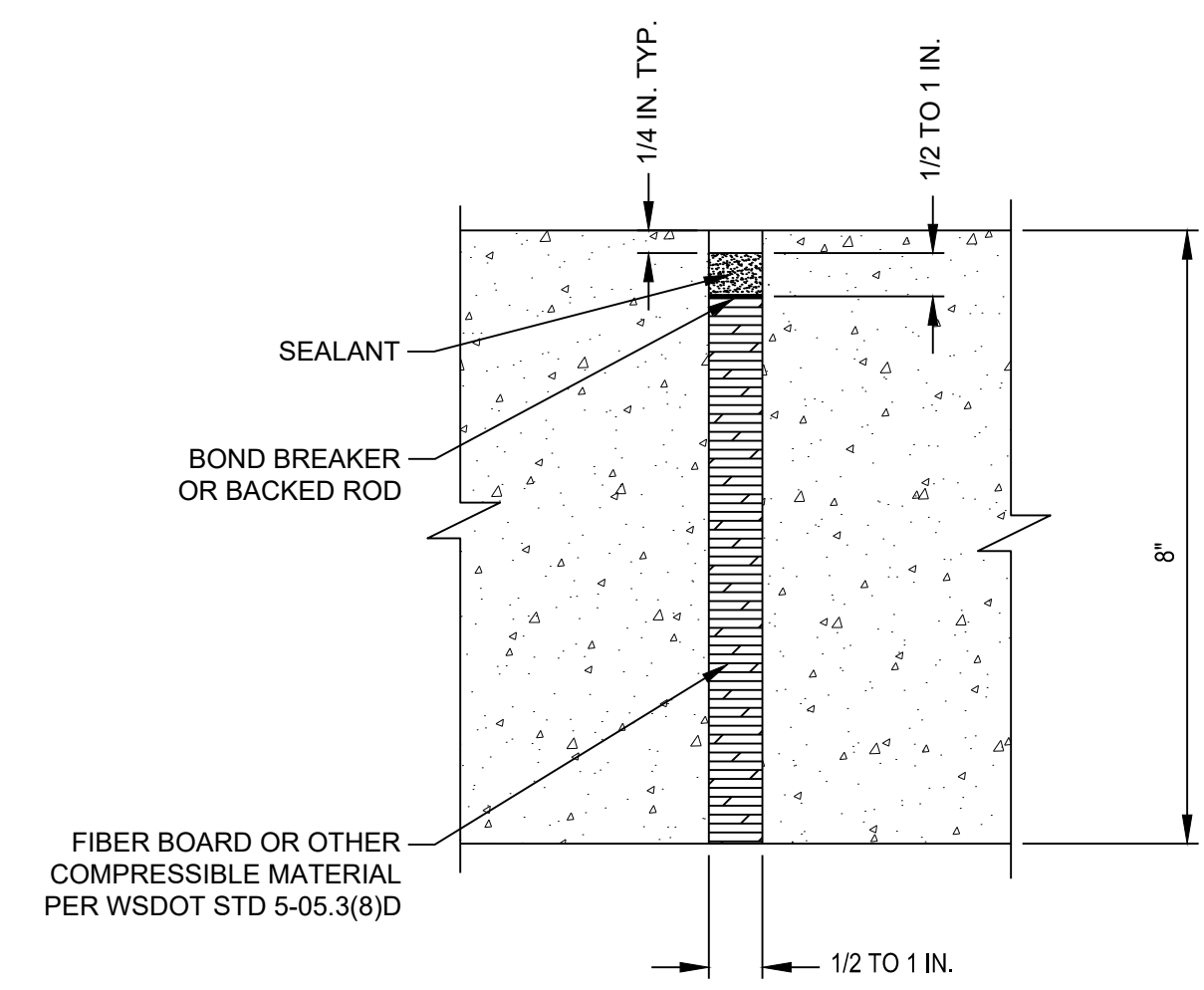
LONGITUDINAL AND TRANSVERSE CONTRACTION JOINT
DETAIL 3
NO SCALE TYP



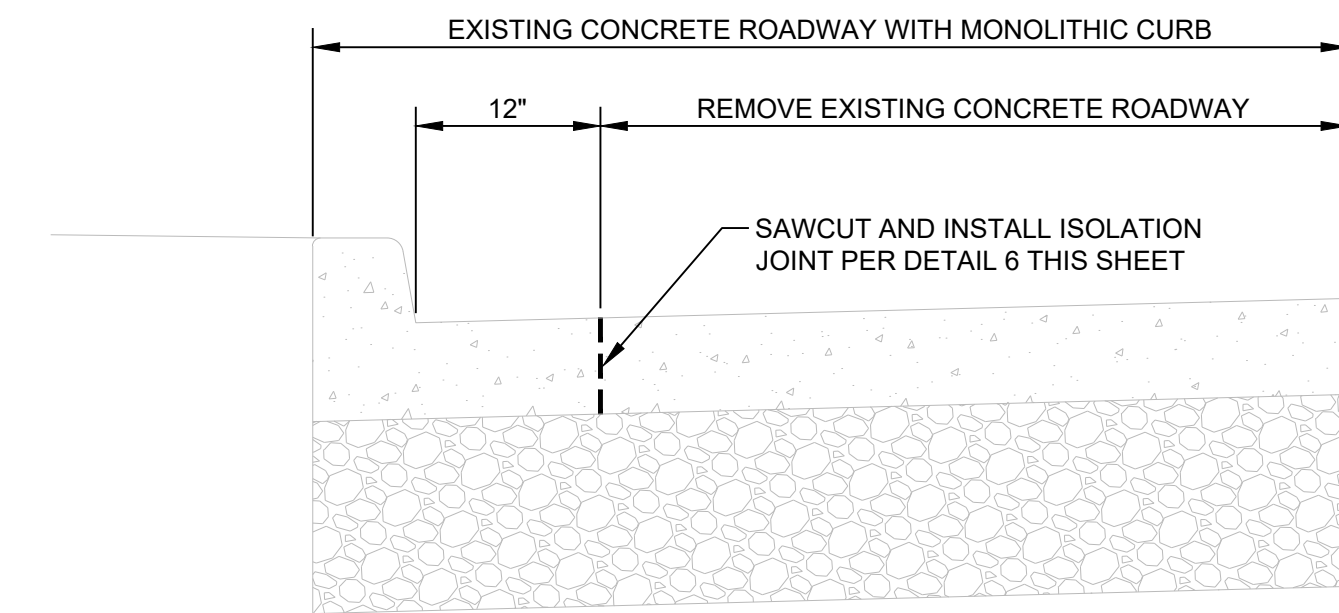
ISOLATION JOINT AT CLEANOUT
DETAIL 4
NO SCALE TYP



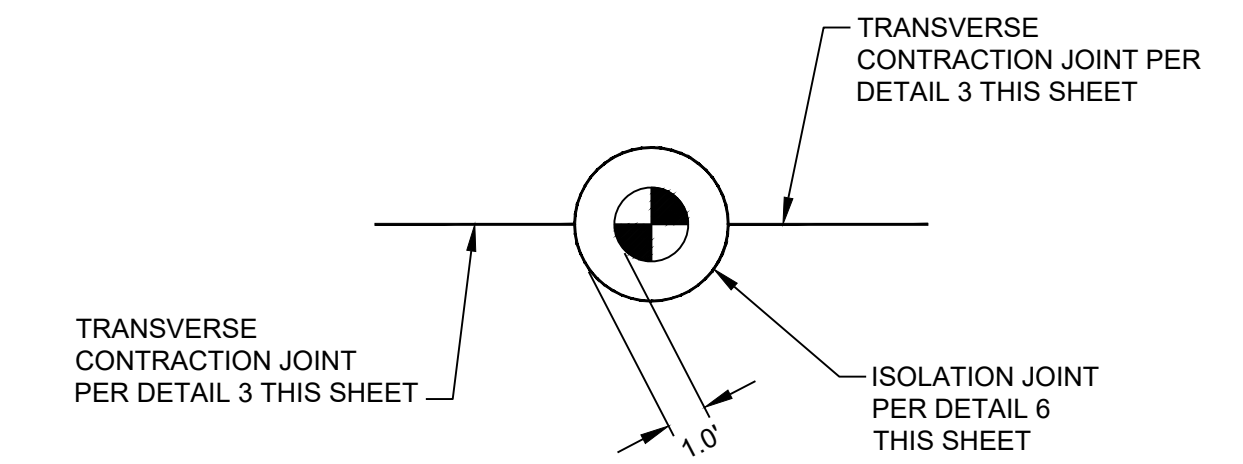
ISOLATION JOINT AT MANHOLE
DETAIL 5
NO SCALE TYP



ISOLATION JOINT
DETAIL 6
NO SCALE TYP



CURB & GUTTER AT PROPOSED CONCRETE ROADWAY
DETAIL 7
NO SCALE TYP



ISOLATION JOINT AT MONUMENT
DETAIL 8
NO SCALE TYP

POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1000	708284.28	1144793.49	367.84	JT
1001	708283.70	1144783.28	367.72	JT
1002	708283.29	1144773.03	367.56	GUTT, JT
1003	708295.99	1144792.66	367.88	JT
1004	708295.59	1144782.67	367.81	JT
1005	708294.95	1144772.56	367.60	GUTT, JT
1006	708311.37	1144791.77	367.97	JT
1007	708310.75	1144781.49	367.88	JT
1008	708310.56	1144771.72	367.63	GUTT, JT
1009	708507.01	1144793.00	368.59	JT
1010	708507.44	1144782.86	368.44	JT
1011	708513.92	1144782.93	368.42	JT
1012	708514.28	1144770.62	368.34	JT
1013	708520.85	1144793.27	368.52	JT
1014	708524.58	1144770.81	368.26	JT
1015	708532.44	1144793.49	368.44	JT
1016	708532.69	1144782.95	368.30	JT
1017	708532.96	1144770.97	368.20	JT
1018	708535.82	1144767.98	368.05	GUTT, JT
1019	708542.23	1144793.68	368.43	JT
1020	708542.47	1144783.18	368.25	JT
1021	708542.73	1144771.75	368.11	GUTT, JT

POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1022	708551.63	1144793.75	368.48	JT
1023	708551.86	1144783.40	368.34	JT
1024	708552.10	1144773.03	368.15	GUTT, JT
1025	708567.01	1144794.13	368.62	JT
1026	708567.25	1144783.75	368.42	JT
1027	708567.49	1144773.38	368.22	GUTT, JT
1028	708582.00	1144794.51	368.72	JT
1029	708582.24	1144784.10	368.57	JT
1030	708582.48	1144773.72	368.42	GUTT, JT
1031	708597.00	1144794.89	368.87	JT
1032	708597.24	1144784.47	368.73	JT
1033	708597.48	1144774.06	368.58	GUTT, JT
1034	708611.99	1144795.27	368.99	JT
1035	708612.23	1144784.80	368.85	JT
1036	708612.47	1144774.39	368.71	GUTT, JT
1037	708626.99	1144795.65	369.10	JT
1038	708627.23	1144785.15	368.96	JT
1039	708627.47	1144774.73	368.82	GUTT, JT
1040	708641.98	1144796.03	369.27	JT
1041	708642.23	1144785.50	369.09	JT
1042	708642.47	1144775.07	368.91	GUTT, JT
1043	708656.98	1144796.42	369.37	JT

POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1044	708657.22	1144785.84	369.19	JT
1045	708657.46	1144775.41	369.01	GUTT, JT
1046	708670.52	1144796.86	369.45	JT
1047	708670.77	1144786.16	369.28	JT
1048	708671.00	1144775.71	369.12	GUTT, JT
1049	708684.79	1144797.27	369.58	JT
1050	708685.28	1144776.06	369.19	GUTT, JT
1051	708697.57	1144797.32	369.66	JT
1052	708697.81	1144787.11	369.48	JT
1053	708698.06	1144776.36	369.29	GUTT, JT
1054	708710.51	1144797.61	369.79	JT
1055	708710.59	1144787.40	369.65	JT
1056	708710.95	1144776.68	369.41	GUTT, JT
1057	709010.59	1144804.55	374.26	JT
1058	709010.77	1144794.35	374.12	JT
1059	709011.11	1144783.48	373.92	GUTT, JT
1060	709026.12	1144805.18	374.69	JT
1061	709040.59	1144805.14	375.07	JT
1062	709040.91	1144795.05	374.94	JT
1063	709041.30	1144784.17	374.81	GUTT, JT
1064	708492.04	1144792.63	368.57	JT
1065	708491.94	1144802.62	368.42	JT

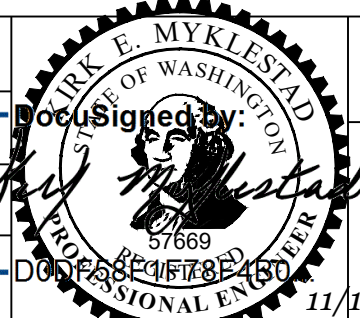
POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1066	708477.54	1144802.35	368.41	JT
1067	708477.33	1144813.14	368.16	GUTT, JT
1068	708492.59	1144820.09	368.20	GUTT, JT
1069	708496.78	1144815.31	368.24	JT
1070	708496.91	1144802.57	368.43	JT
1071	708506.76	1144802.94	368.44	JT
1072	708520.65	1144803.38	368.44	JT
1073	708530.31	1144803.62	368.41	JT
1074	708529.86	1144816.03	368.27	JT
1075	708534.18	1144820.78	368.03	GUTT, JT
1076	708532.21	1144803.64	368.41	JT
1077	708541.99	1144803.72	368.42	JT
1078	708549.71	1144803.78	368.42	JT
1079	708551.16	1144804.00	368.43	JT
1080	708549.39	1144814.89	368.03	GUTT, JT
1081	708740.72	1144798.37	369.98	JT
1082	708740.36	1144808.45	369.83	JT
1083	708755.83	1144788.49	369.91	JT
1084	708755.57	1144798.54	370.09	JT
1085	708755.36	1144808.75	369.98	JT
1086	708770.60	1144788.87	370.00	JT
1087	708770.51	1144799.03	370.17	JT

BID SET



NO.	REVISION	DATE	APPD.

FINAL CONSTRUCTION CHECKED	DATE 11/12/2024	SCALE AS NOTED
DESIGNED KM	CHECKED EV	DATE
DRAWN JP	FIELD BOOK	



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT

WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
Concrete Joint Details & Point Table

SPEC. NO.	ES24-0157F
WBS NO.	ENV-04025-03
SHEET NO.	20 of 33

DATE: 11/12/2024 10:53 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS CURB RAMPS LAYOUT: 21 NORTH 10TH STREET AND NORTH TYLER STREET

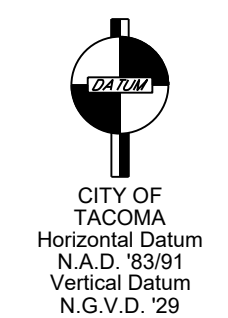
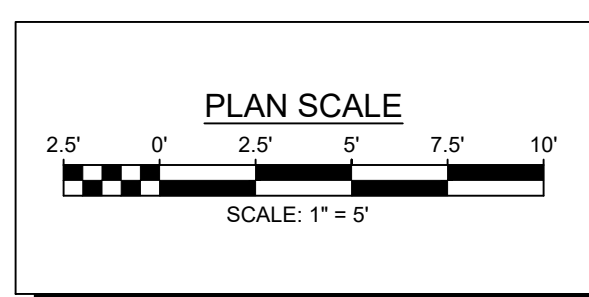


- CONSTRUCTION NOTES:**
- 1 SINGLE DIRECTION CURB RAMP PER CITY OF TACOMA STANDARD PLAN SU-05F.
 - 2 CEMENT CONCRETE PEDESTRIAN CURB PER CITY OF TACOMA STANDARD PLAN SU-03A.
 - 3 DETECTABLE WARNING SURFACE PER CITY OF TACOMA STANDARD PLANS SU-05G & SU-05H.
 - 4 TRANSITION PANEL TO MATCH ADJACENT EXISTING SIDEWALK GRADES.

- GENERAL NOTES:**
1. SEE SHEET 22 FOR POINT TABLES.
 2. CURB ELEVATION ARE AT FLOW LINE UNLESS NOTED OTHERWISE.
 3. TO SUPPORT THE CONSTRUCTION OF SIDEWALK, CURBS, CURB RAMPS, AND RELATED PROJECT ELEMENTS, TRADITIONAL SURVEY AND STAKING METHODS SHALL BE SUPPLEMENTED IN THE FIELD BY THE CONTRACTOR THROUGH THE USE OF A CONTRACTOR SUPPLIED, CALIBRATED, 4-FOOT LONG "SMART" LEVEL TO DIGITALLY MEASURE SLOPES.
 4. RAMP GRADING POINTS REPRESENT ONE METHOD OF MEETING ADA STANDARDS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE FIELD ADJUSTMENTS AS NECESSARY TO ENSURE RAMP GRADING MEETS ALL ADA REQUIREMENTS.
 5. EACH ADA ELEMENT SHALL MEET APPLICABLE CROSS SLOPE AND RUNNING SLOPE ADA STANDARDS. ELEMENTS NOTED ON PLAN ARE FOR REFERENCE ONLY.

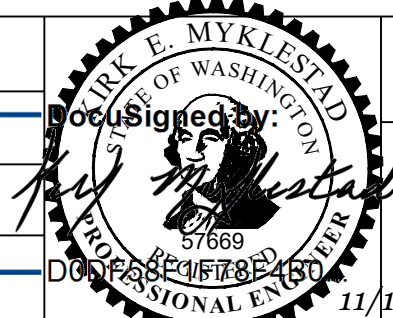
NORTH 10TH STREET

N. TYLER STREET



BID SET

FINAL CONSTRUCTION CHECKED	DATE	SCALE
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DRAWN	KM	CHECKED
DATE	JP	EV
DRAWING NAME	FIELD BOOK	
ENV-04025-03 PS Curb Ramps.dwg		



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
North 10th Street and North Tyler Street
Curb Ramp and Intersection Details

SPEC. NO.	ES24-0157F
WBS NO.	
SHEET NO.	ENV-04025-03
SHEET	21 of 33

DATE: 11/12/2024 10:53 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS CURB RAMPS LAYOUT: 22 CURB RAMP AND INTERSECTION DETAIL POINT TABLES

POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	708513.52	1145510.42	368.10	FL, MATCH EX.
101	708513.43	1145515.40	368.06	FL
102	708513.51	1145517.40	368.04	FL, RAMP
103	708514.80	1145522.42	368.00	FL, RAMP
104	708519.56	1145528.75	367.93	FL, CB
105	708526.94	1145532.36	367.86	FL, RAMP
106	708530.04	1145532.71	367.83	FL
107	708531.93	1145532.76	367.81	FL, RAMP
108	708535.02	1145532.83	367.79	FL
109	708540.01	1145533.56	367.74	FL, MATCH EX.
110	708515.46	1145517.44	368.06	RAMP
111	708515.35	1145522.44	368.00	RAMP
112	708522.25	1145517.58	368.36	RAMP
113	708522.14	1145522.58	368.28	RAMP
114	708527.55	1145508.31	368.70	S/W, MATCH EX.
115	708527.35	1145512.68	368.58	S/W
116	708527.24	1145517.68	368.43	S/W
117	708527.14	1145522.68	368.36	RAMP
118	708526.95	1145531.85	367.86	RAMP
119	708532.47	1145508.47	368.73	S/W, MATCH EX.
120	708532.35	1145512.79	368.63	S/W
121	708532.24	1145517.78	368.51	S/W
122	708532.14	1145522.78	368.43	RAMP
123	708531.94	1145532.26	367.81	RAMP
124	708537.23	1145518.44	368.55	S/W
125	708537.13	1145523.44	368.46	S/W
126	708542.22	1145519.10	368.60	S/W, MATCH EX.
127	708542.12	1145524.01	368.50	S/W, MATCH EX.
128	708514.01	1145517.41	368.04	RAMP
129	708530.42	1145515.72		RADIUS POINT

POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
200	708539.31	1145563.95	367.63	FL, MATCH EX.
201	708534.29	1145564.82	367.67	FL
202	708531.23	1145564.75	367.69	FL, RAMP
203	708526.21	1145565.27	367.73	FL, RAMP
204	708518.57	1145568.90	367.64	FL
205	708513.11	1145575.36	367.56	FL, RAMP
206	708511.27	1145580.32	367.48	FL, RAMP
207	708510.78	1145584.29	367.42	FL, RAMP
208	708510.73	1145586.29	367.37	FL
209	708531.20	1145565.90	367.70	RAMP
210	708531.02	1145573.76	368.06	RAMP
211	708530.98	1145575.67	368.08	S/W
212	708530.86	1145580.76	368.13	S/W
213	708530.65	1145585.76	368.08	S/W
214	708530.52	1145588.76	368.05	S/W, MATCH EX.
215	708526.20	1145565.79	367.73	RAMP
216	708526.02	1145573.65	367.98	RAMP
218	708525.86	1145580.65	368.05	S/W
219	708525.65	1145585.65	368.03	S/W
220	708525.64	1145588.65	368.01	S/W, MATCH EX.
221	708545.78	1145579.12	368.27	S/W, MATCH EX.
222	708541.84	1145578.07	368.20	S/W
223	708545.67	1145584.02	368.32	S/W, MATCH EX.
224	708540.78	1145582.95	368.25	S/W
225	708520.82	1145575.53	367.93	RAMP
226	708520.71	1145580.53	367.98	RAMP
227	708513.67	1145575.37	367.56	RAMP
228	708513.56	1145580.37	367.49	RAMP
229	708511.78	1145580.33	367.48	RAMP
230	708531.22	1145565.25	367.69	RAMP
231	708530.77	1145584.74		RADIUS POINT

POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
300	708481.56	1145509.68	368.12	FL, MATCH EX.
301	708481.51	1145511.68	368.10	FL
302	708480.42	1145517.68	368.03	FL, RAMP
303	708477.90	1145522.62	367.97	FL, RAMP
304	708473.22	1145527.36	367.90	FL, CB
305	708467.25	1145530.31	367.86	FL, RAMP
306	708462.22	1145531.13	367.84	FL, RAMP
307	708455.06	1145531.05	367.80	FL, MATCH EX.
308	708479.89	1145517.67	368.03	RAMP
309	708477.42	1145517.61	368.07	RAMP
310	708477.29	1145522.61	367.97	RAMP
311	708467.72	1145507.37	368.71	S/W, MATCH EX.
312	708467.69	1145512.37	368.55	S/W
313	708467.57	1145517.36	368.39	S/W
314	708467.44	1145522.36	368.31	RAMP
315	708467.26	1145529.78	367.86	RAMP
316	708462.82	1145507.24	368.77	S/W, MATCH EX.
317	708462.70	1145512.24	368.59	S/W
318	708462.57	1145517.24	368.41	S/W
319	708462.44	1145522.24	368.34	RAMP
320	708462.26	1145529.66	367.85	RAMP
321	708462.24	1145530.63	367.84	RAMP
322	708457.56	1145517.33	368.62	S/W, MATCH EX.
323	708457.45	1145522.13	368.52	S/W, MATCH EX.
324	708471.42	1145517.46	368.37	RAMP
325	708471.30	1145522.46	368.29	RAMP
326	708461.52	1145511.15		RADIUS POINT

POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
400	708457.30	1145562.73	367.58	FL, MATCH EX.
401	708461.60	1145563.21	367.65	FL, RAMP
402	708466.58	1145564.30	367.58	FL, RAMP
403	708472.34	1145567.52	367.49	FL
404	708476.74	1145572.44	367.39	FL, RAMP
405	708479.03	1145577.50	367.31	FL, RAMP
406	708479.83	1145583.58	367.23	FL
407	708479.79	1145585.58	367.14	FL, MATCH EX.
408	708456.40	1145572.07	368.13	S/W, MATCH EX.
409	708456.28	1145576.96	368.16	S/W, MATCH EX.
410	708461.59	1145563.71	367.65	RAMP
411	708461.56	1145564.71	367.66	RAMP
412	708461.40	1145572.09	367.98	RAMP
413	708461.28	1145577.09	368.03	S/W
414	708461.18	1145582.09	368.02	S/W, MATCH EX.
415	708466.56	1145564.82	367.58	RAMP
416	708466.39	1145572.21	367.93	RAMP
417	708466.28	1145577.21	367.98	RAMP
418	708466.18	1145582.21	367.95	S/W, MATCH EX.
419	708476.14	1145572.43	367.39	RAMP
420	708476.03	1145577.43	367.35	RAMP
421	708478.50	1145577.49	367.31	RAMP
422	708459.84	1145583.13		RADIUS POINT

POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
500	708497.39	1145513.53	368.55	INTERSECTION
501	708496.96	1145531.96	368.46	INTERSECTION
502	708496.60	1145547.93	368.38	INTERSECTION
503	708496.23	1145563.99	368.24	INTERSECTION
504	708495.78	1145583.95	367.66	INTERSECTION
505	708461.91	1145547.13	368.06	INTERSECTION
506	708480.67	1145547.56	368.23	INTERSECTION
507	708512.16	1145548.29	368.26	INTERSECTION
508	708530.63	1145548.72	368.12	INTERSECTION
509	708512.78	1145532.31	368.16	INTERSECTION
510	708511.54	1145564.31	368.06	INTERSECTION
511	708481.04	1145531.57	368.16	INTERSECTION
512	708480.30	1145563.62	367.96	INTERSECTION

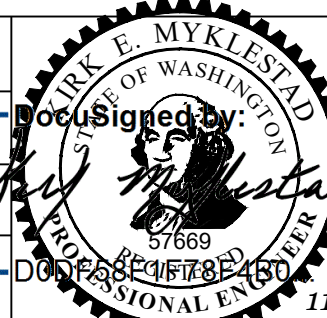
ABBREVIATIONS:	
FL	FLOW LINE
S/W	SIDEWALK

BID SET



NO.	REVISION	DATE	APPD.

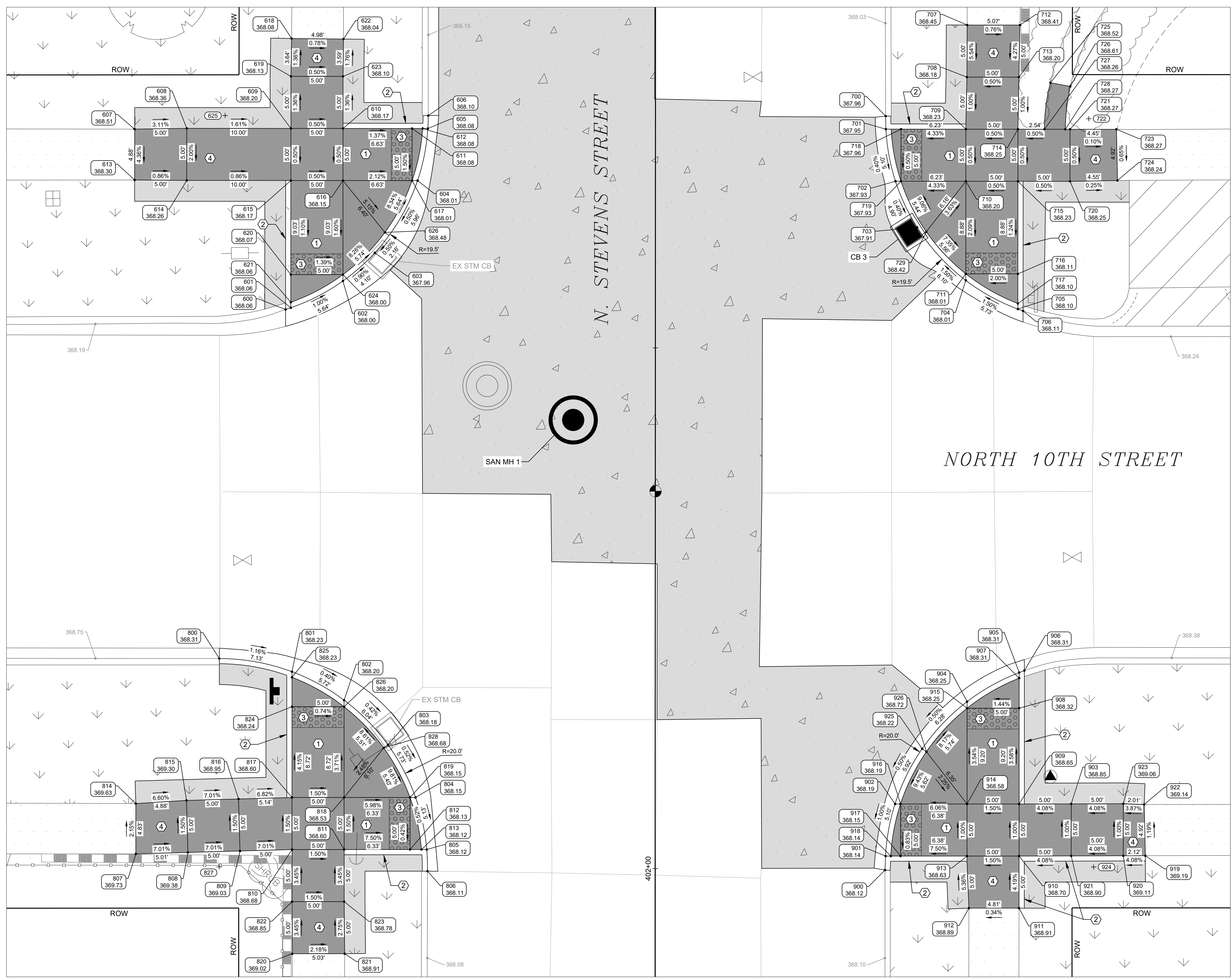
FINAL CONSTRUCTION CHECKED	DATE	SCALE
	11/12/2024	NO SCALE
DESIGNED	CHECKED	
KM	EV	
DRAWN	FIELD BOOK	
JP		



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
 North 10th Street and North Tyler Street
 Curb Ramp and Intersection Detail Point Tables

SPEC. NO.	ES24-0157F
WBS NO.	
SHEET NO.	ENV-04025-03
SHEET	22 OF 33

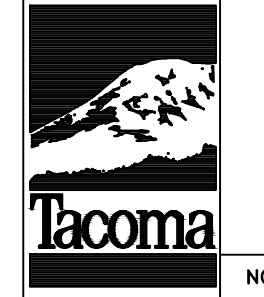
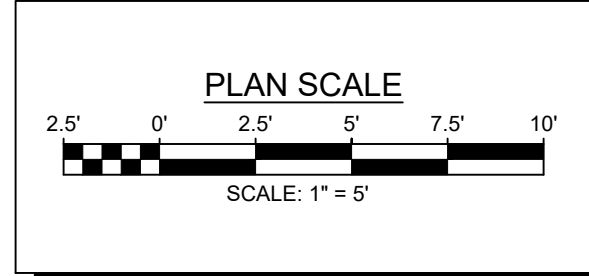
DATE: 11/12/2024 10:53 AM PATH: W:\PROJECTS\ENV\4025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS CURB RAMPS LAYOUT: 23 NORTH 10TH STREET AND NORTH STEVENS STREET



- CONSTRUCTION NOTES:**
- ① SINGLE DIRECTION CURB RAMP PER CITY OF TACOMA STANDARD PLAN SU-05F.
 - ② CEMENT CONCRETE PEDESTRIAN CURB PER CITY OF TACOMA STANDARD PLAN SU-03A.
 - ③ DETECTABLE WARNING SURFACE PER CITY OF TACOMA STANDARD PLANS SU-05G & SU-05H.
 - ④ TRANSITION PANEL TO MATCH ADJACENT EXISTING SIDEWALK GRADES.

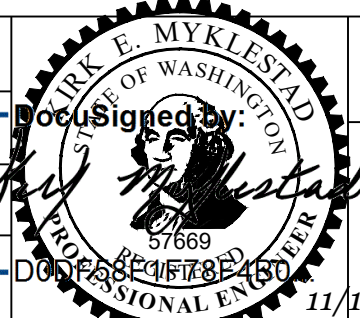
- GENERAL NOTES:**
1. SEE SHEET 24 FOR POINT TABLES.
 2. CURB ELEVATION ARE AT FLOW LINE UNLESS NOTED OTHERWISE.
 3. TO SUPPORT THE CONSTRUCTION OF SIDEWALK, CURBS, CURB RAMPS, AND RELATED PROJECT ELEMENTS, TRADITIONAL SURVEY AND STAKING METHODS SHALL BE SUPPLEMENTED IN THE FIELD BY THE CONTRACTOR THROUGH THE USE OF A CONTRACTOR SUPPLIED, CALIBRATED, 4-FOOT LONG "SMART" LEVEL TO DIGITALLY MEASURE SLOPES.
 4. RAMP GRADING POINTS REPRESENT ONE METHOD OF MEETING ADA STANDARDS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE FIELD ADJUSTMENTS AS NECESSARY TO ENSURE RAMP GRADING MEETS ALL ADA REQUIREMENTS.
 5. EACH ADA ELEMENT SHALL MEET APPLICABLE CROSS SLOPE AND RUNNING SLOPE ADA STANDARDS. ELEMENTS NOTED ON PLAN ARE FOR REFERENCE ONLY.

BID SET



NO	REVISION	DATE	APPD

FINAL CONSTRUCTION CHECKED	DATE	SCALE
DESIGNED	11/12/2024	1" = 5'
DRAWN	KM	CHECKED
DATE	JP	EV
DRAWING NAME	FIELD BOOK	DATE
ENV-04025-03 PS Curb Ramps.dwg		11/12/2024



CITY OF TACOMA
 ENVIRONMENTAL SERVICES DEPARTMENT
 WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
 North 10th Street and North Stevens Street
 Curb Ramp Details

SPEC. NO.	ES24-0157F
WBS NO.	
SHEET NO.	ENV-04025-03
SHEET	23 OF 33

DATE: 11/12/2024 10:54 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS CURB RAMPS LAYOUT: CURB RAMP POINT TABLES

POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
600	708532.24	1144757.88	368.06	FL, MATCH EX.
601	708532.39	1144758.39	368.06	FL, RAMP
602	708534.84	1144763.44	368.00	FL, RAMP
603	708537.47	1144766.57	367.96	FL, CB
604	708544.31	1144770.83	368.01	FL, RAMP
605	708549.29	1144771.93	368.08	FL, RAMP
606	708550.53	1144772.00	368.10	FL, MATCH EX.
607	708549.87	1144743.79	368.51	S/W, MATCH EX.
608	708549.83	1144748.79	368.36	S/W
609	708549.60	1144758.79	368.20	S/W
610	708549.48	1144763.79	368.17	RAMP
611	708549.33	1144770.42	368.08	RAMP
612	708549.30	1144771.43	368.08	RAMP
613	708544.99	1144743.68	368.30	S/W, MATCH EX.
614	708544.83	1144748.67	368.26	S/W
615	708544.60	1144758.67	368.17	RAMP
616	708544.48	1144763.67	368.15	RAMP
617	708544.33	1144770.30	368.01	RAMP
618	708558.23	1144759.05	368.08	S/W, MATCH EX.
619	708554.60	1144758.90	368.13	S/W
620	708535.57	1144758.46	368.07	RAMP
621	708532.92	1144758.40	368.06	RAMP
622	708558.06	1144764.02	368.04	S/W, MATCH EX.
623	708554.48	1144763.90	368.10	S/W
624	708535.46	1144763.46	368.00	RAMP
625	708550.98	1144752.50		RADIUS POINT
626	708539.41	1144767.58	368.48	TBC

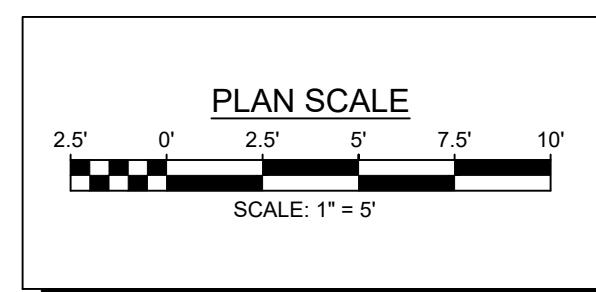
POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
700	708549.48	1144815.90	367.96	FL, MATCH EX.
701	708548.23	1144815.88	367.95	FL, RAMP
702	708543.21	1144816.70	367.93	FL, RAMP
703	708538.73	1144818.67	367.91	FL, CB
704	708533.54	1144823.23	368.01	FL, RAMP
705	708530.67	1144828.16	368.10	FL, RAMP
706	708530.48	1144828.66	368.11	FL, MATCH EX.
707	708558.04	1144823.92	368.45	S/W, MATCH EX.
708	708553.04	1144823.77	368.18	S/W
709	708548.05	1144823.57	368.23	RAMP
710	708543.05	1144823.45	368.20	RAMP
711	708534.17	1144823.24	368.01	RAMP
712	708557.92	1144828.98	368.41	S/W, MATCH EX.
713	708552.93	1144828.77	368.20	S/W
714	708547.93	1144828.57	368.25	S/W
715	708542.93	1144828.45	368.23	RAMP
716	708534.05	1144828.24	368.11	RAMP
717	708531.20	1144828.17	368.10	RAMP
718	708548.19	1144817.34	367.96	RAMP
719	708543.19	1144817.22	367.93	RAMP
720	708542.81	1144833.45	368.25	S/W
721	708547.81	1144833.56	368.27	S/W
722	708548.78	1144835.38		RADIUS POINT
723	708547.71	1144838.02	368.27	S/W, MATCH EX.
724	708542.79	1144838.00	368.24	S/W, MATCH EX.
725	708552.32	1144831.78	368.52	S/W, MATCH EX.
726	708551.92	1144833.68	368.61	S/W, MATCH EX.
727	708547.87	1144831.11	368.26	S/W
728	708547.82	1144833.11	368.27	S/W
729	708538.29	1144819.54	368.42	TBC

POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
800	708498.87	1144750.76	368.31	FL, MATCH EX.
801	708497.45	1144757.70	368.23	FL, RAMP
802	708494.61	1144762.64	368.20	FL, RAMP
803	708490.22	1144766.76	368.18	FL, CB
804	708485.11	1144769.29	368.15	FL, RAMP
805	708480.09	1144770.25	368.12	FL, RAMP
806	708478.01	1144770.27	368.11	FL, MATCH EX.
807	708480.30	1144742.31	369.73	S/W, MATCH EX.
808	708480.33	1144747.32	369.38	S/W
809	708480.35	1144752.32	369.03	S/W
810	708480.38	1144757.32	368.68	S/W
811	708480.27	1144762.32	368.60	RAMP
812	708480.12	1144768.65	368.13	RAMP
813	708480.10	1144769.75	368.12	RAMP
814	708485.13	1144742.42	369.63	S/W, MATCH EX.
815	708485.33	1144747.29	369.30	S/W
816	708485.35	1144752.29	368.95	S/W
817	708485.38	1144757.43	368.60	RAMP
818	708485.26	1144762.43	368.53	RAMP
819	708485.12	1144768.76	368.15	RAMP
820	708470.38	1144757.11	369.02	S/W, MATCH EX.
821	708470.27	1144762.14	368.91	S/W, MATCH EX.
822	708475.38	1144757.21	368.85	S/W
823	708475.27	1144762.21	368.78	S/W
824	708494.09	1144757.62	368.24	RAMP
825	708496.92	1144757.69	368.23	RAMP
826	708493.98	1144762.62	368.20	RAMP
827	708478.88	1144750.28		RADIUS POINT
828	708489.94	1144766.34	368.68	TBC

POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
900	708477.11	1144814.18	368.12	FL, MATCH EX.
901	708478.46	1144814.27	368.14	FL, RAMP
902	708483.43	1144815.30	368.19	FL, RAMP
903	708483.06	1144832.20	368.85	S/W
904	708493.10	1144822.43	368.25	FL, RAMP
905	708495.78	1144827.49	368.31	FL, RAMP
906	708495.95	1144827.99	368.31	FL, MATCH EX.
907	708495.25	1144827.48	368.31	RAMP
908	708492.35	1144827.41	368.32	RAMP
909	708483.16	1144827.20	368.65	RAMP
910	708478.16	1144827.08	368.70	S/W
911	708473.16	1144826.96	368.91	S/W, MATCH EX.
912	708473.27	1144822.15	368.89	S/W, MATCH EX.
913	708478.28	1144822.08	368.63	RAMP
914	708483.28	1144822.20	368.58	RAMP
915	708492.47	1144822.41	368.25	RAMP
916	708483.42	1144815.82	368.19	RAMP
917	708478.42	1144815.71	368.15	RAMP
918	708478.45	1144814.77	368.14	RAMP
919	708477.92	1144839.20	369.19	S/W, MATCH EX.
920	708477.96	1144837.08	369.11	S/W
921	708478.06	1144832.08	368.90	S/W
922	708482.84	1144839.21	369.14	S/W, MATCH EX.
923	708482.96	1144837.20	369.06	S/W
924	708476.95	1144834.21		RADIUS POINT
925	708488.67	1144818.01	368.22	FL
926	708488.38	1144818.42	368.72	TBC

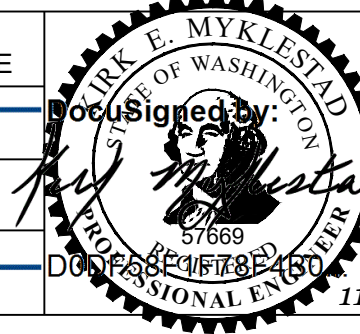
ABBREVIATIONS:	
FL	FLOW LINE
S/W	SIDEWALK
TBC	TOP BACK OF CURB

BID SET



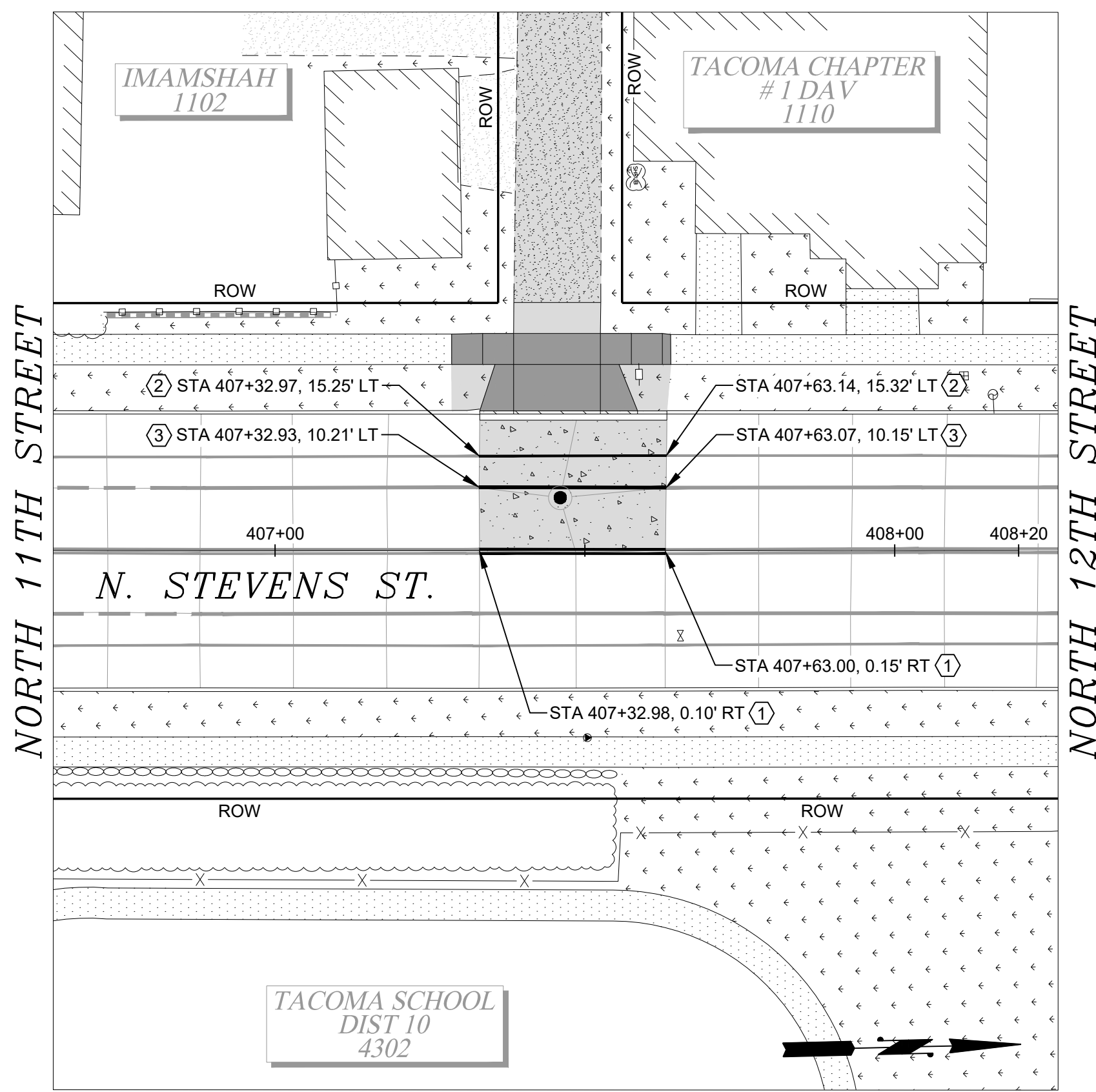
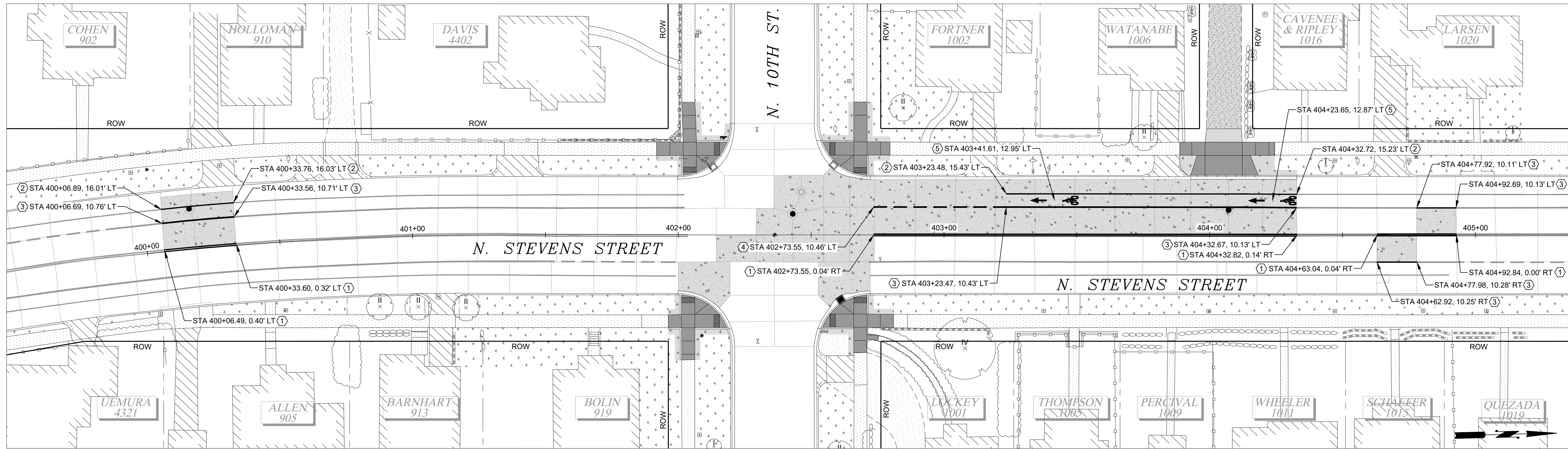
NO.	REVISION	DATE	APPD.

FINAL CONSTRUCTION CHECKED	DATE	SCALE
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KM	EV	
DRAWN	FIELD BOOK	
JP		
DRAWING NAME		
ENV-04025-03 PS Curb Ramps.dwg		

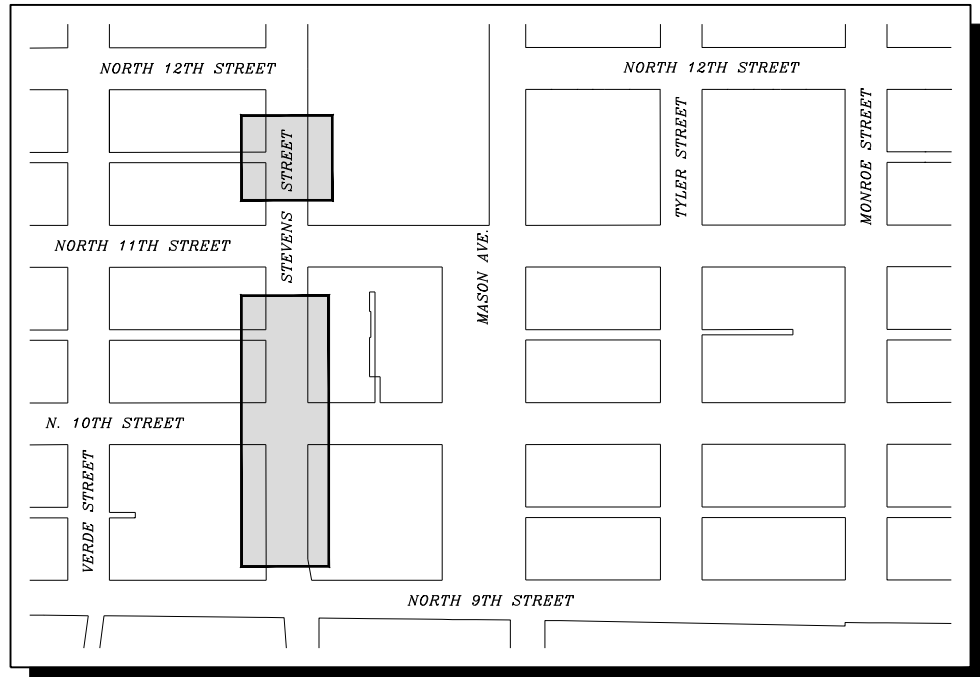


CITY OF TACOMA
 ENVIRONMENTAL SERVICES DEPARTMENT
 WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
 North 10th Street and North Stevens Street
 Curb Ramp Point Tables

SPEC. NO.	ES24-0157F
WBS NO.	
SHEET NO.	ENV-04025-03
SHEET	24 OF 33

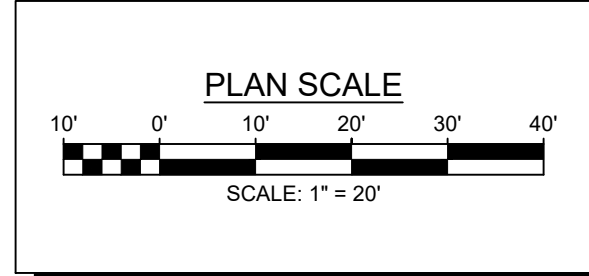


- CHANNELIZATION NOTES:**
- (1) THERMOPLASTIC 4" (X2) DOUBLE YELLOW CENTERLINE LINE PER COT STD. PLAN CH-03A.
 - (2) THERMOPLASTIC 4" EDGE LINE PER COT STD. PLAN CH-03B.
 - (3) THERMOPLASTIC 6" BIKE LANE LINE PER COT STD. PLAN CH-03B.
 - (4) THERMOPLASTIC 6" DOTTED EXTENSION LINE PER COT STD. PLAN CH-03B.
 - (5) WHITE BIKE LANE SYMBOL AND ARROW, THERMOPLASTIC, PER WSDOT STD PLAN M9.50-02.



DATE: 11/12/2024 10:55 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 PS CHANNELIZATION LAYOUT: 25 CHANNELIZATION PLAN

BID SET



NO.	REVISION	DATE	APPD.

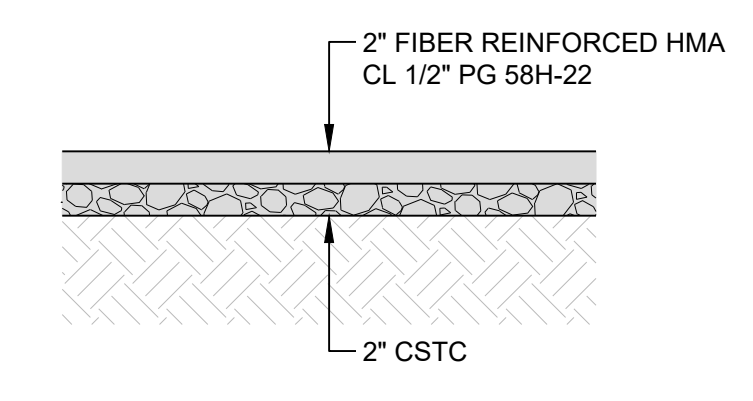
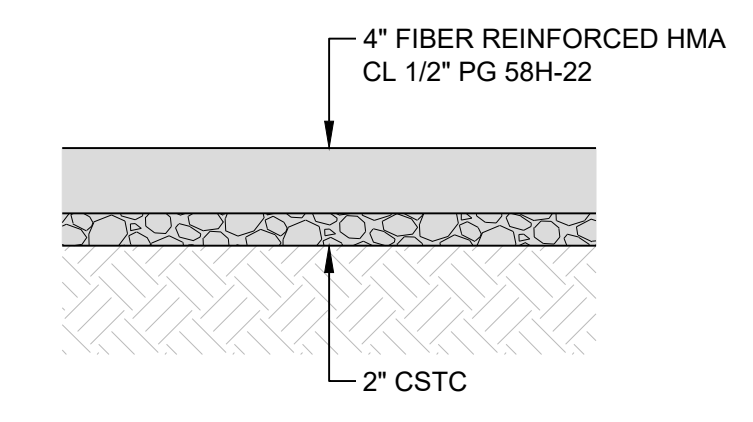
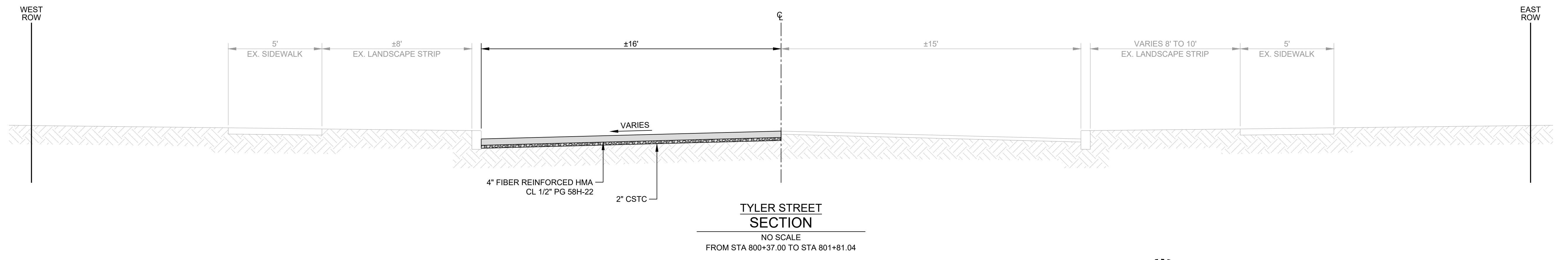
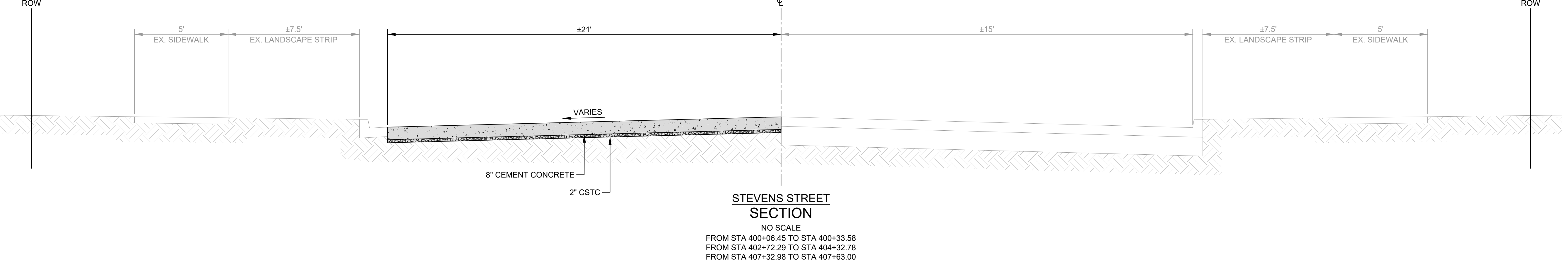
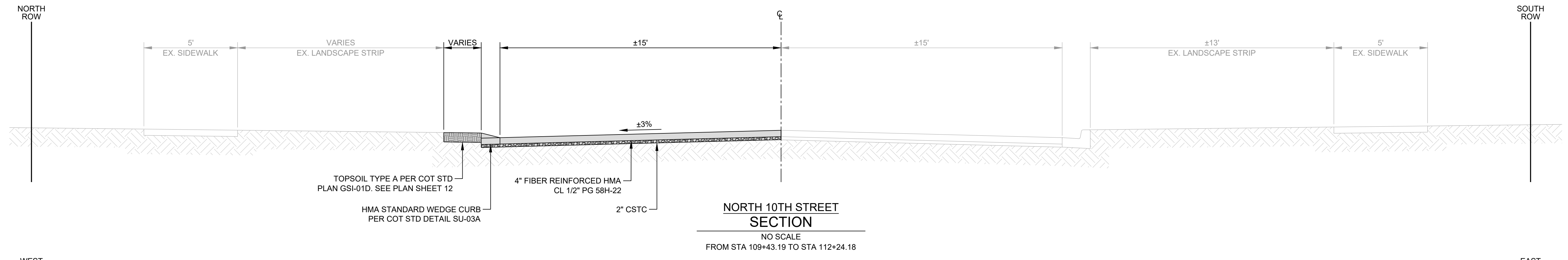
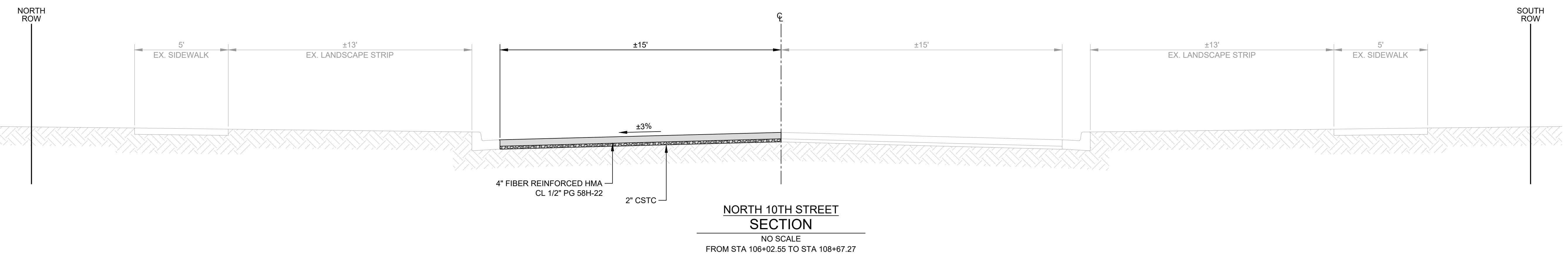
FINAL CONSTRUCTION CHECKED	DATE	SCALE
DESIGNED	11/12/2024	1" = 20'
CHECKED	KM	EV
DRAWN	JP	FIELD BOOK



CITY OF TACOMA
 ENVIRONMENTAL SERVICES DEPARTMENT
 WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
 North Stevens Street
 Channelization Plan

SPEC. NO.	ES24-0157F
WBS NO.	ENV-04025-03
SHEET NO.	25
OF	33

DATE: 11/12/2024 10:55 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET - N 10TH AND STEVENS\PS DETAILS LAYOUT: 26 ROADWAY SECTIONS AND DETAILS FILE: ENV-04025-03 PS DETAILS



BID SET



NO	REVISION	DATE	APPD

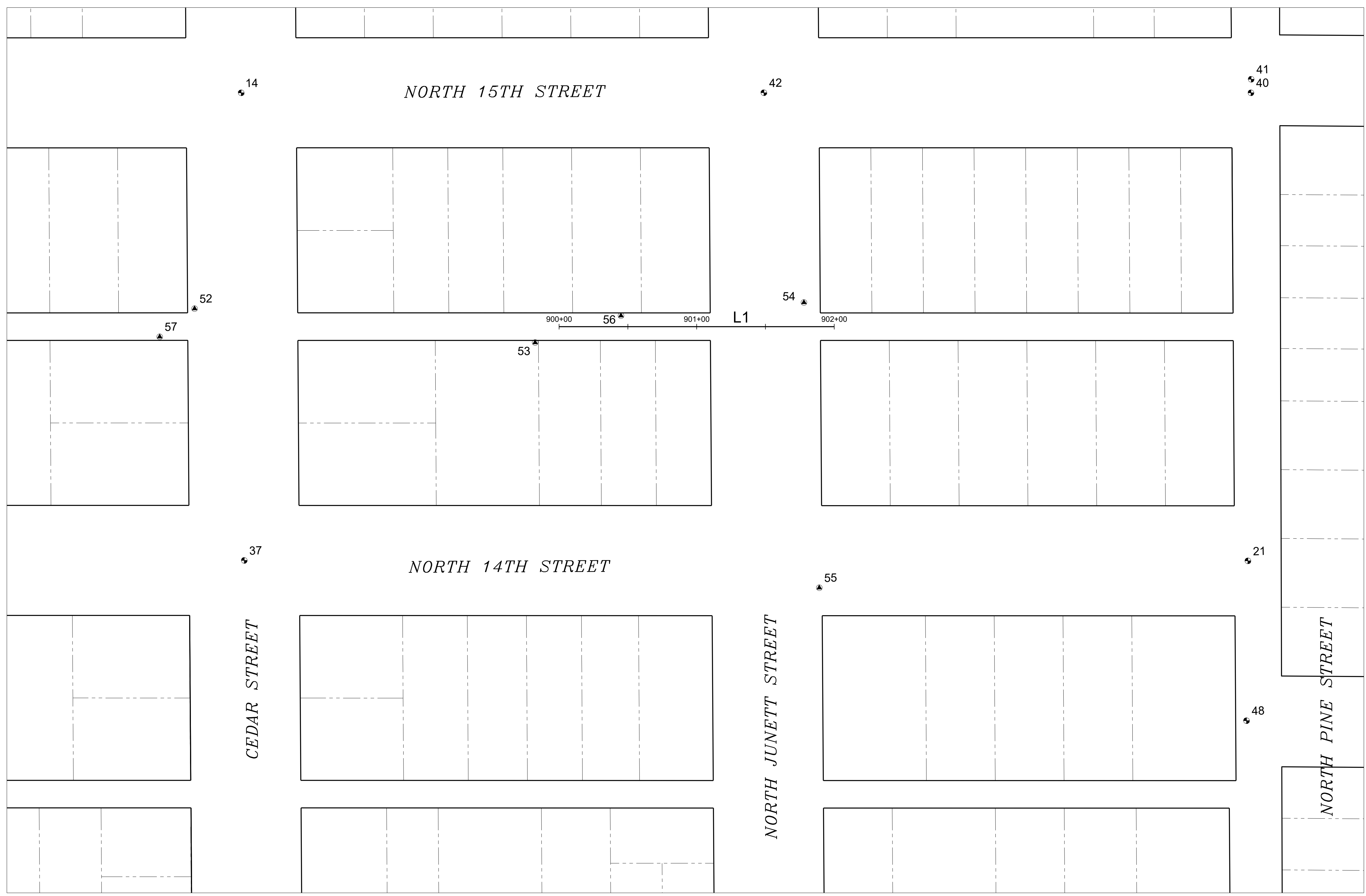
FINAL CONSTRUCTION CHECKED	DATE	SCALE
	11/12/2024	AS NOTED
DESIGNED	CHECKED	
KM	EV	
DRAWN	FIELD BOOK	
JP		



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
Roadway Sections and Details

SPEC. NO.	ES24-0157F
WBS NO.	
SHEET NO.	ENV-04025-03
SHEET	26 OF 33

DATE: 11/12/2024 10:55 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 JUNETT PS SURVEY CONTROL LAYOUT: 28 SURVEY CONTROL PLAN

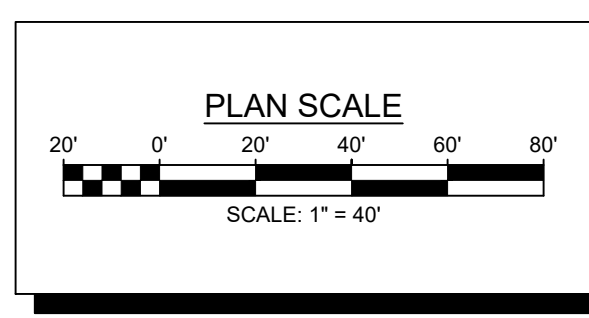


SURVEY CONTROL				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
14	710090.35	1149760.61	323.88	SBM N15 & CEDAR
21	709730.06	1150482.69	330.66	SBM N14 & PINE
37	709750.45	1149753.49	324.44	MIC N14 & CEDAR
40	710070.15	1150494.29	325.03	SBM N15 & PINE
41	710079.99	1150494.71	325.10	SBM N15 & PINE
42	710079.96	1150140.39	318.62	SBM N15 & JUN
47	709608.46	1150634.15	333.14	SBM N14 & ANDERSON
48	709613.92	1150478.48	330.97	SBM N14TH & PINE
52	709934.44	1149722.40	324.91	MAG ALLEY & CEDAR
53	709902.99	1149969.19	325.28	HTK ALLEY & JUNETT
54	709926.71	1150165.28	323.04	MAG E.WALK ALLEY & JUN
55	709719.10	1150170.74	322.21	HTK N14 & JUN
56	709920.75	1150032.10	323.59	MAG N.ALLEY N14 & N15
57	709914.68	1149696.51	325.49	MAG S.ALLEY N14 & N15

ALIGNMENT LINE TABLE				
LINE NO.	LENGTH	DIRECTION	START POINT	END POINT
L1	149.51'	S88°25'17"E	N: 709914.03 E: 1149986.92	N: 709909.91 E: 1150136.37

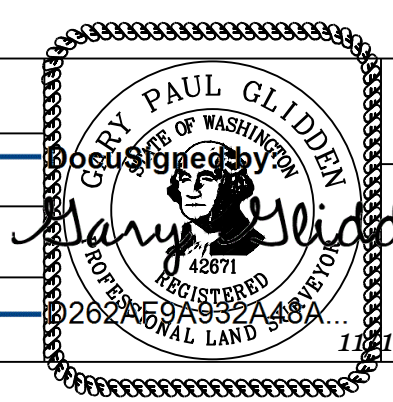
SURVEY CONTROL	
CONTROL FILE	
KN10VERDE.csv	
KN10VERDE1.csv	
KN10 VERDE 2 CONTROL.csv	

BID SET



NO	REVISION	DATE	APPD

FINAL CONSTRUCTION CHECKED	DATE	SCALE
	11/12/2024	1" = 40'
DESIGNED	CHECKED	
KM	EV	
DRAWN	FIELD BOOK	
JP		
DRAWING NAME		
ENV-04025-03 Junett PS Survey Control.dwg		



CITY OF TACOMA
 ENVIRONMENTAL SERVICES DEPARTMENT
 WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
 Alley from North Cedar Street to North Junett Street
 Survey Control Plan

SPEC. NO.	ES24-0157F
WBS NO.	
SHEET NO.	ENV-04025-03
SHEET	28 OF 33

DATE: 11/12/2024 10:55 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 JUNETT PS SURVEY CONTROL MONS LAYOUT: 28 SURVEY CONTROL MONUMENT PLAN



TOWNSHIP 21 N RANGE 3 E SECTION 31
 NORTHEAST QUARTER
 CITY OF TACOMA QUARTER SECTIONS 38 (NE)
 NAD 83/91 SOUTH ZONE AS DEFINED BY CITY OF TACOMA
 PIERCE COUNTY CITY OF TACOMA
 PUBLISHED AND OBSERVED CITY COORDINATES USED FOR BASELINE CONTROL

HOLDING CITY OF TACOMA GIS COORDINATE AT N. 16TH / CEDAR
 MONUMENT IN CASE COPPER NAIL ON CONCRETE 0.50 FEET DEEP
 N) 710430.1011
 E) 1149767.6865

BENCHES USED 3" BRASS MONUMENT N. 15TH / CEDAR EL 323.88

TRADITIONAL FEILD TRANERSE
 LEICA MS60 MULTI STATION

NOTE:
 CONSTRUCTION CENTERLINE
 ALIGNMENT MAY NOT BE THE
 SAME AS MONUMENT ALIGNMENT

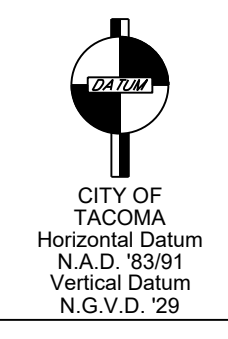
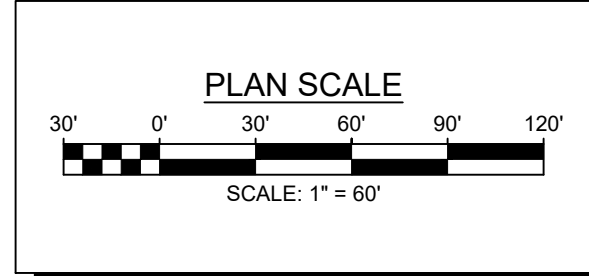


CITY OF TACOMA
 ENVIRONMENTAL SERVICES DEPARTMENT

WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
 Alley from North Cedar Street to North Junett Street
 Survey Control Monument Plan

SPEC. NO.	ES24-0157F
WBS NO.	ENV-04025-03
SHEET NO.	29
OF	33

BID SET

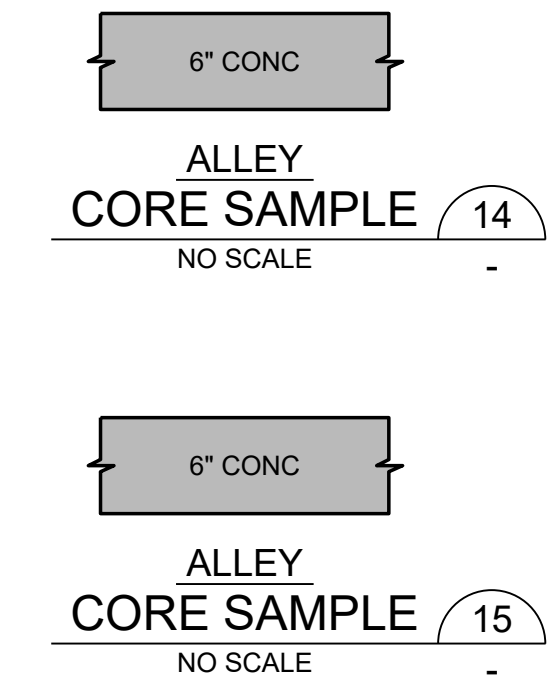
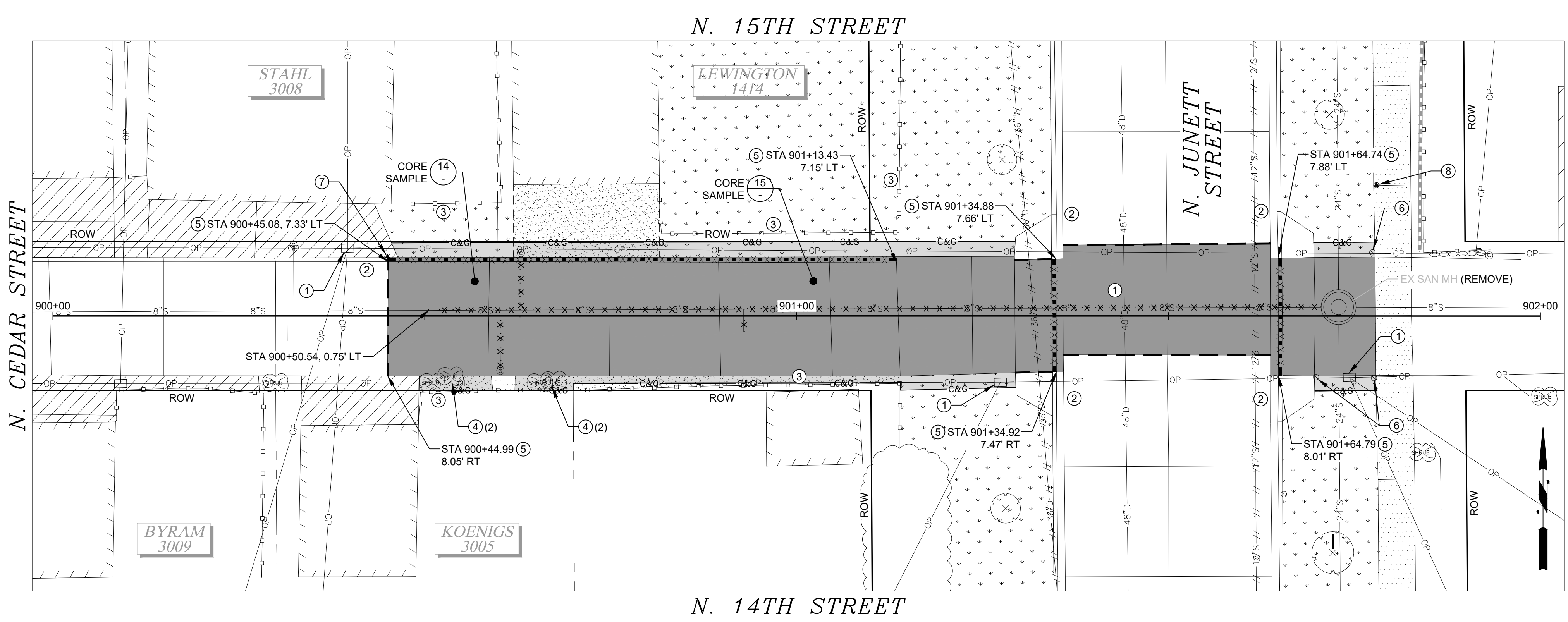


NO	REVISION	DATE	APPD

FINAL CONSTRUCTION CHECKED	DATE	SCALE
DESIGNED	11/12/2024	1" = 60'
CHECKED	KM	EV
DRAWN	JP	FIELD BOOK

DRAWING NAME: ENV-04025-03 Junett PS Survey Control Mons.dwg
 DATE: 11/12/2024

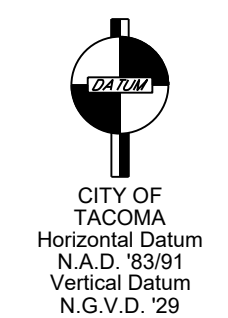
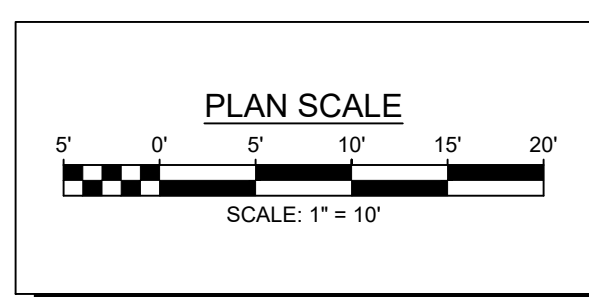
DATE: 11/12/2024 10:56 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 JUNETT PS DEMO LAYOUT: 30 ALLEY FROM NORTH CEDAR STREET TO NORTH JUNETT STREET



- DEMOLITION & TESC NOTES:**
- ① PROTECT EXISTING UTILITY.
 - ② PROTECT EXISTING CURB OR CURB AND GUTTER.
 - ③ PROTECT EXISTING FENCELINE.
 - ④ REMOVE EXISTING SHRUB.
 - ⑤ REMOVE EXISTING CURB OR CURB AND GUTTER.
 - ⑥ IRRIGATION IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED PER SPECIAL PROVISION 2-02 AND REINSTALLED IN KIND PER 8-03.
 - ⑦ EXISTING SURVEY CONTROL. SEE PLAN AND PROFILE SERIES FOR REPLACEMENT.
 - ⑧ EXISTING SURVEY CONTROL TO BE PROTECTED.

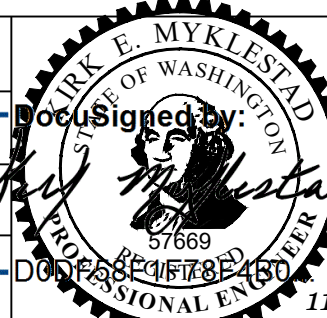
- GENERAL NOTES:**
1. CONTRACTOR SHALL PROTECT ALL EXISTING INFRASTRUCTURE NOT IDENTIFIED FOR REMOVAL.
 2. EXISTING UTILITIES SHOWN ARE APPROXIMATE LOCATIONS FROM BEST AVAILABLE INFORMATION AND MAY BE INCOMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES. CALL TWO BUSINESS DAYS BEFORE YOU DIG (1-800-424-5555) OR VISIT ONLINE WWW.CALLBEFOREYOU.DIG.ORG.
 3. THE ASPHALT/CONCRETE REMOVAL LIMITS SHOWN MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING FIELD MARKINGS WITH THE ENGINEER PRIOR TO COMMENCING DEMOLITION ACTIVITIES.
 4. CONTRACTOR SHALL PROVIDE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT SEDIMENTS FROM LEAVING THE PROJECT SITE.
 5. PROVIDE AND MAINTAIN INLET PROTECTION TO CATCH BASINS UNTIL THE END OF CONSTRUCTION ACTIVITIES. REMOVE WHEN CONSTRUCTION IS COMPLETE.
 6. OVERHEAD AND UNDERGROUND POWER AND UTILITY WIRES EXIST THROUGHOUT THE PROJECT LIMITS. CONTRACTOR SHALL USE APPROPRIATE CONSTRUCTION METHODS TO AVOID IMPACTING THESE UTILITIES.
 7. CONSTRUCTION MAY REQUIRE EXCAVATION WITHIN 10 FT OF UTILITY POLES. WHERE ANTICIPATED, CONTRACTOR SHALL CONTACT TACOMA POWER AT 253-502-8991 AT LEAST TWO WEEKS IN ADVANCE TO COORDINATE AN ONSITE VISIT WITH A TPU FIELD COORDINATOR. SEE SPECIAL PROVISION 1-07.17 FOR ADDITIONAL INFO AND REQUIREMENTS.
 8. DEMOLITION AND OTHER CONSTRUCTION ACTIVITIES SHALL BE PHASED AS NECESSARY TO MAINTAIN LOCAL ACCESS FOR RESIDENTS AT ALL TIMES.

BID SET



NO	REVISION	DATE	APPD

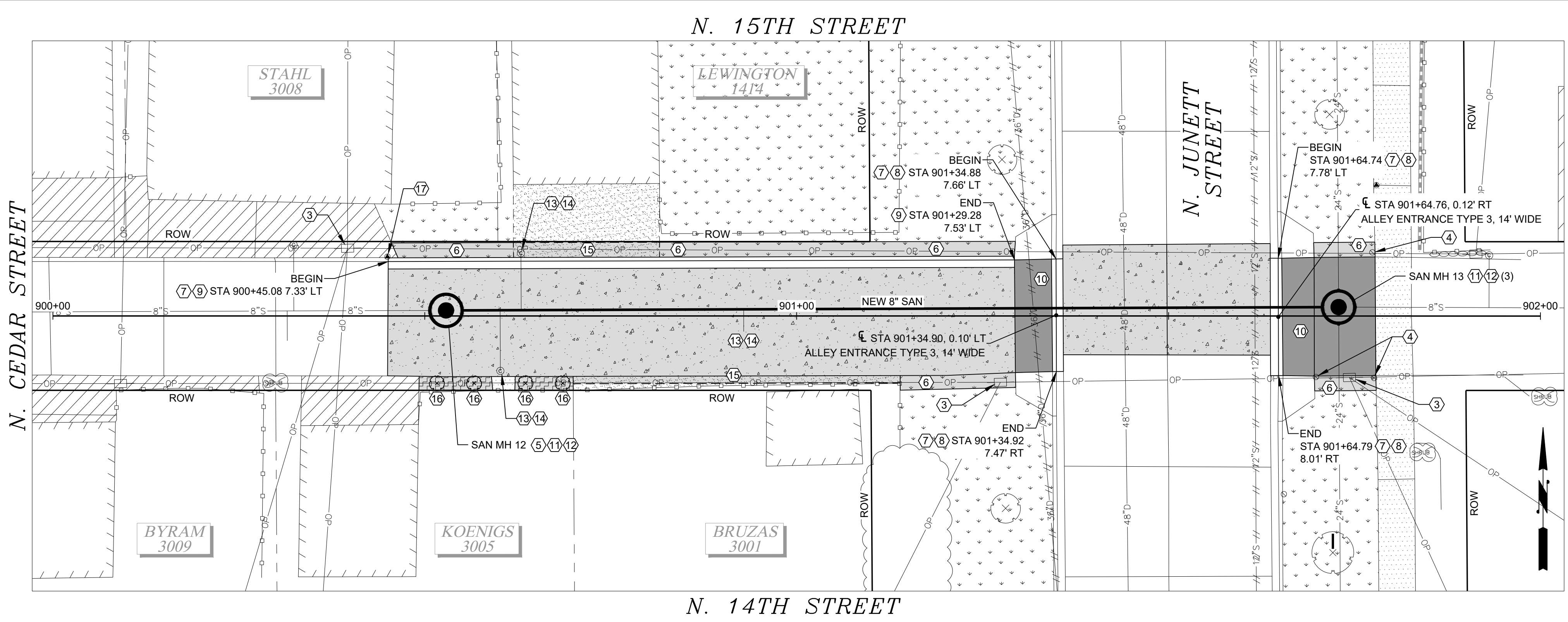
FINAL CONSTRUCTION CHECKED	DATE	SCALE
DESIGNED	11/12/2024	1" = 10'
CHECKED	KM	EV
DRAWN	JP	FIELD BOOK



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
 WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
 Alley from North Cedar Street to North Junett Street
 Demolition Plan and TESC

SPEC. NO.	ES24-0157F
WBS NO.	ENV-04025-03
SHEET NO.	30 OF 33

DATE: 11/12/2024 10:56 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 JUNETT PS P&P LAYOUT: 31 ALLEY FROM NORTH CEDAR STREET TO NORTH JUNETT STREET

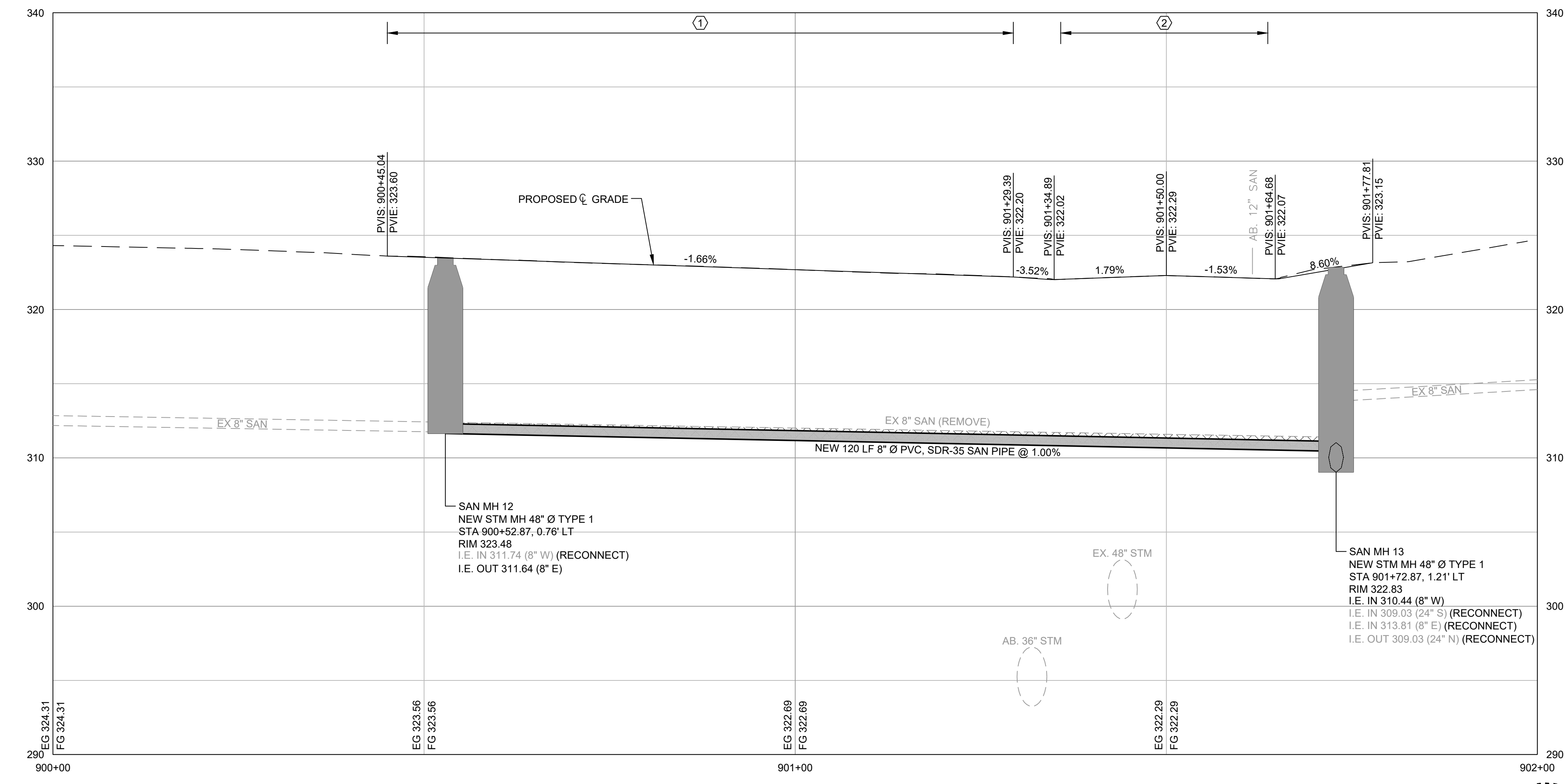


SIDE SEWER TABLE	
APPROX. STA	DIRECTION
900+31	RT
900+32	LT
900+60	RT
900+63	LT
900+93	RT
901+93	LT

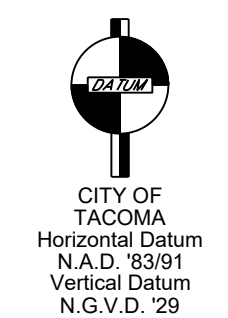
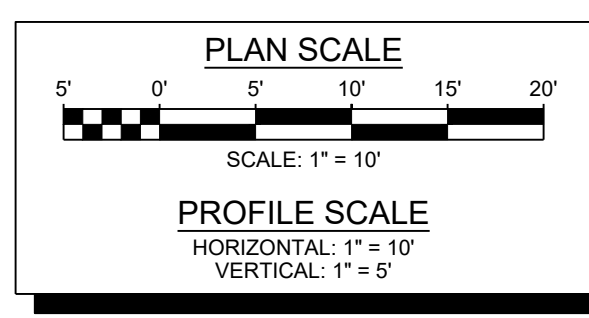
NOTE: STATIONING OF EX. SIDE SEWER IS ESTIMATED BASED ON VIDEO INSPECTION OF MAIN. LOCATION OF EX. SIDE SEWER AT POINT OF RECONNECTION IS UNKNOWN.

- CONSTRUCTION NOTES:**
- CONCRETE PAVEMENT REPLACEMENT, SEE ROADWAY DETAILS.
 - CONCRETE PAVEMENT RESTORATION PER COT STD. PLAN SU-14C, SEE DETAIL 1/33
 - CONTRACTOR TO COORDINATE WITH TACOMA POWER AT LEAST 2 WEEKS IN ADVANCE OF EXCAVATION TO INSPECT AND HOLD POLE IF NECESSARY. SEE SPECIAL PROVISION 1-07.17.
 - REPLACE IRRIGATION AS IMPACTED ADJACENT TO CONSTRUCTION PER SPECIAL PROVISION 8-03.
 - CONTRACTOR TO POTHOLE TO CONFIRM LOCATION AND DEPTH PER COT STD. PLAN SU-27 PRIOR TO CONSTRUCTION START.
 - IMPORT TOPSOIL TYPE A AND HYDROSEED LAWN PER COT STD PLAN GSI-01D AND SPECIAL PROVISION 8-02.3(10)B.
 - MATCH INTO EXISTING CURB AND GUTTER.
 - CEMENT CONCRETE TRAFFIC CURB AND GUTTER PER COT STD. PLAN SU-03.
 - TYPE "D" MOUNTABLE CEMENT CONCRETE CURB & GUTTER PER COT STD. PLAN SU-03.
 - CONSTRUCT CONCRETE DRIVEWAY ENTRANCE TYPE 1 PER COT STD. PLAN SU-7A, 3 DAY HI-EARLY MIX PER 8-06.3.
 - MANHOLE TYPE 1 TO BE INSTALLED PER COT STD. PLAN SU-17 WITH FRAME AND COVER PER COT STD. PLANS SU21, SU-22, SU-25.
 - RECONNECT EXISTING PIPE TO NEW STRUCTURE PER SPECIAL PROVISION 7-05.
 - CONNECT SIDE SEWER TO NEW MAIN AT THE ACTUAL LOCATION FOUND IN THE FIELD. REPLACE THE SIDE SEWER TO THE EXTENT DESCRIBED IN THE GENERAL SEWER NOTES ON SHEET 2.
 - INSTALL A CLEANOUT PER COT STD. PLAN SU-24.
 - SHAPE TO GRADE AND PLACE 2" CSTC.
 - INSTALL EMERALD ARBORVITAE (THUJA OCCIDENTALIS 'EMERALD') SPACED 4' OC, MIN 8' HEIGHT, B&B. IMPORT TOPSOIL TYPE A AND BARK OR WOOD CHIP MULCH IN PLANTING AREA PER COT STD PLAN GSI-01D. INSTALL ROOT BARRIER ON NORTH SIDE ONLY.
 - REPLACE SURVEY CONTROL (MAG) IN COORDINATION WITH CITY INSPECTION AND SURVEY STAFF.

- GENERAL NOTES:**
- EXISTING UTILITIES SHOWN ARE APPROXIMATE LOCATIONS FROM BEST AVAILABLE INFORMATION AND MAY BE INCOMPLETE. UTILITY CROSSING ELEVATIONS ARE ONLY SHOWN IN PROFILE IF POTHOLE OR CONSTRUCTION DRAWINGS ARE AVAILABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES. CALL TWO BUSINESS DAYS BEFORE YOU DIG (1-800-424-5555) OR VISIT ONLINE WWW.CALLBEFOREYODIG.ORG.
 - STORM STRUCTURE RIM ELEVATIONS AND STATION/OFFSETS ARE TO CENTER OF STRUCTURE. PIPE INVERT ELEVATIONS ARE SPECIFIED TO THE PROJECTED CENTER OF STRUCTURES. MATCH FINISHED GRADES AND GUTTER ELEVATIONS UNLESS OTHERWISE NOTED.
 - PROVIDE AND MAINTAIN INLET PROTECTION TO STORM STRUCTURES UNTIL END OF CONSTRUCTION ACTIVITIES. REMOVE WHEN CONSTRUCTION IS COMPLETE.

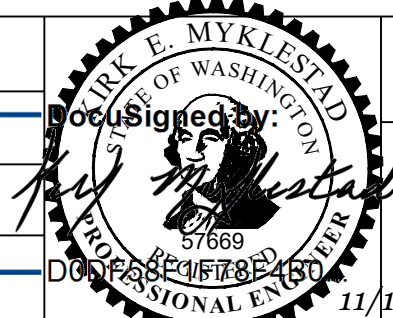


BID SET



NO	REVISION	DATE	APPD

FINAL CONSTRUCTION CHECKED	DATE: 11/12/2024	SCALE: 1" = 10'
BY:	DESIGNED: KM	CHECKED: EV
DATE:	DRAWN: JP	FIELD BOOK:
DRAWING NAME: ENV-04025-03 Junett PS P&P.dwg		

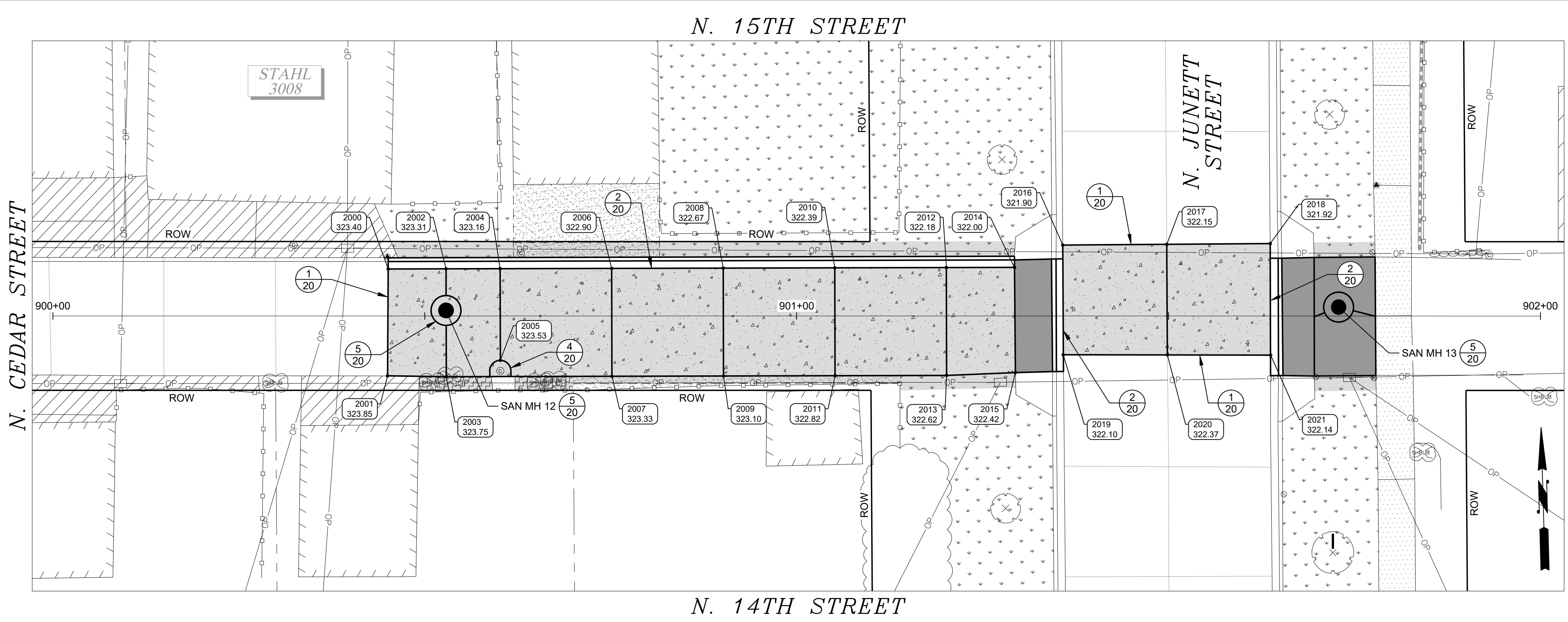


CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT

WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
Alley from North Cedar Street to North Junett Street
Plan and Profile

SPEC. NO.	ES24-0157F
WBS NO.	ENV-04025-03
SHEET NO.	31 OF 33

DATE: 11/12/2024 10:57 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 JUNETT PS CONCRETE JOINT PLAN LAYOUT: 32 ALLEY FROM NORTH CEDAR STREET TO NORTH JUNETT STREET

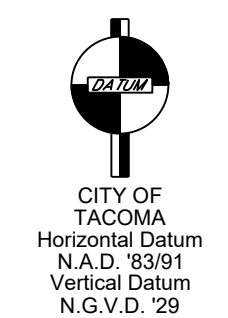
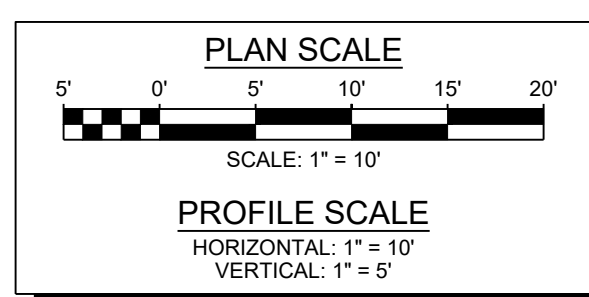


GENERAL NOTES:

1. THE CONCRETE JOINT LAYOUT SHOWN ON THIS PLAN IS FOR CONTRACTOR REFERENCE. REFER TO SPECIAL PROVISION 5-05.3(8).
2. EXISTING AND PROPOSED UTILITY STRUCTURES ARE SHOWN FOR REFERENCE.

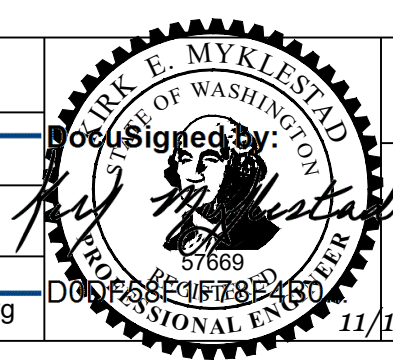
POINT TABLE				
POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
2000	709919.11	1150032.15	323.40	JT, GUTTER
2001	709904.74	1150031.68	323.85	JT
2002	709918.91	1150039.93	323.31	JT, GUTTER
2003	709904.42	1150039.57	323.75	JT
2004	709918.73	1150047.20	323.16	JT, GUTTER
2005	709906.41	1150046.89	323.53	JT
2006	709918.35	1150062.20	322.90	JT, GUTTER
2007	709903.86	1150061.83	323.33	JT
2008	709917.98	1150077.19	322.67	JT, GUTTER
2009	709903.48	1150076.83	323.10	JT
2010	709917.60	1150092.19	322.39	JT, GUTTER
2011	709903.11	1150091.82	322.82	JT
2012	709917.23	1150107.18	322.18	JT, GUTTER
2013	709902.73	1150106.82	322.62	JT
2014	709917.00	1150116.34	322.00	JT, GUTTER
2015	709902.85	1150116.07	322.42	JT
2016	709919.82	1150122.91	321.90	JT, GUTTER
2017	709919.53	1150136.89	322.15	JT
2018	709919.26	1150150.80	321.92	JT, GUTTER
2019	709905.07	1150122.57	322.10	JT, GUTTER
2020	709904.68	1150136.56	322.37	JT
2021	709904.26	1150150.44	322.14	JT, GUTTER

BID SET



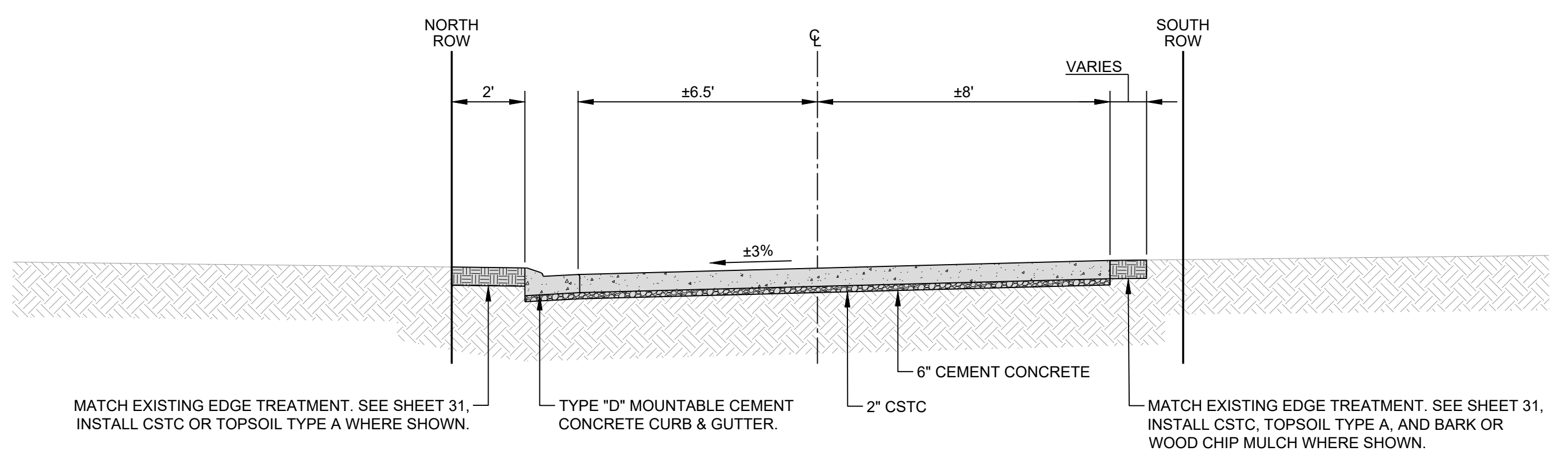
NO.	REVISION	DATE	APPD.

FINAL CONSTRUCTION CHECKED	DATE: 11/12/2024	SCALE: 1" = 10'
BY:	DESIGNED: KM	CHECKED: EV
DATE:	DRAWN: JP	FIELD BOOK:
DRAWING NAME: ENV-04025-03 Junett PS Concrete Joint Plan.dwg		



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St.
Alley from North Cedar Street to North Junett Street
Concrete Jointing Plan

SPEC. NO.	ES24-0157F
WBS NO.	ENV-04025-03
SHEET NO.	32 OF 33



MATCH EXISTING EDGE TREATMENT. SEE SHEET 31. INSTALL CSTC OR TOPSOIL TYPE A WHERE SHOWN.

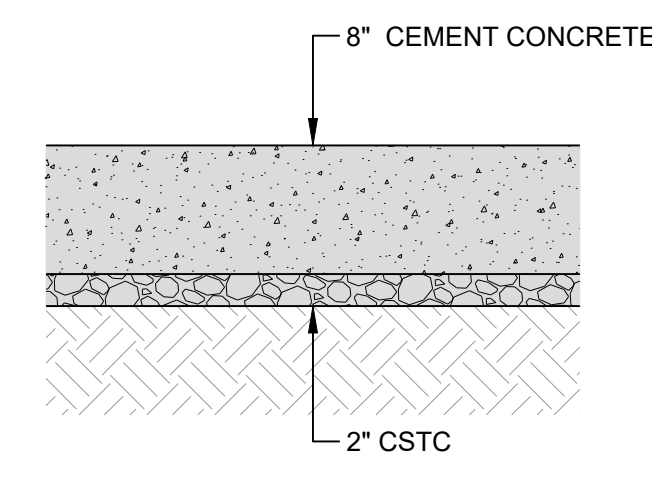
TYPE "D" MOUNTABLE CEMENT CONCRETE CURB & GUTTER.

6" CEMENT CONCRETE

2" CSTC

MATCH EXISTING EDGE TREATMENT. SEE SHEET 31. INSTALL CSTC, TOPSOIL TYPE A, AND BARK OR WOOD CHIP MULCH WHERE SHOWN.



ALLEY SECTION
NO SCALE
FROM STA 900+45.08 TO STA 901+29.28



JUNETT STREET CONCRETE PAVEMENT RESTORATION DETAIL
NO SCALE TYP

DATE: 11/12/2024 10:57 AM PATH: W:\PROJECTS\ENV\04025-03 WW SEWER REPLACEMENT - N 10TH AND STEVENS\PRODUCTION SET FILE: ENV-04025-03 JUNETT PS DETAILS LAYOUT: 33 ROADWAY SECTIONS AND DETAILS

BID SET

	NO	REVISION	DATE	APPD	FINAL CONSTRUCTION CHECKED BY: KM DATE: JP	DATE: 11/12/2024 DESIGNED: KM DRAWN: JP	SCALE: AS NOTED CHECKED: EW FIELD BOOK:		CITY OF TACOMA ENVIRONMENTAL SERVICES DEPARTMENT WW Sewer Replacement Vicinity of N. 10th St. & N. Stevens St. Roadway Sections and Details	SPEC. NO. ES24-0157F
					DRAWING NAME ENV-04025-03 Junett PS Details.dwg	11/12/2024	SHEET NO. 33 OF 33			