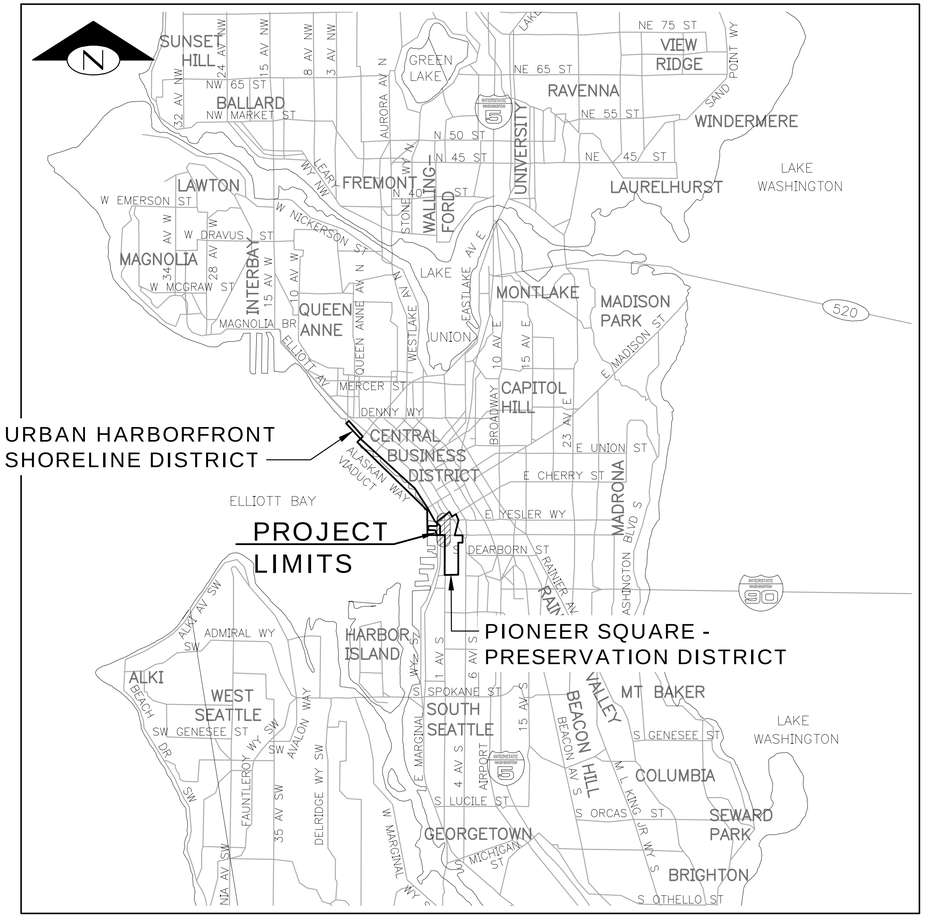
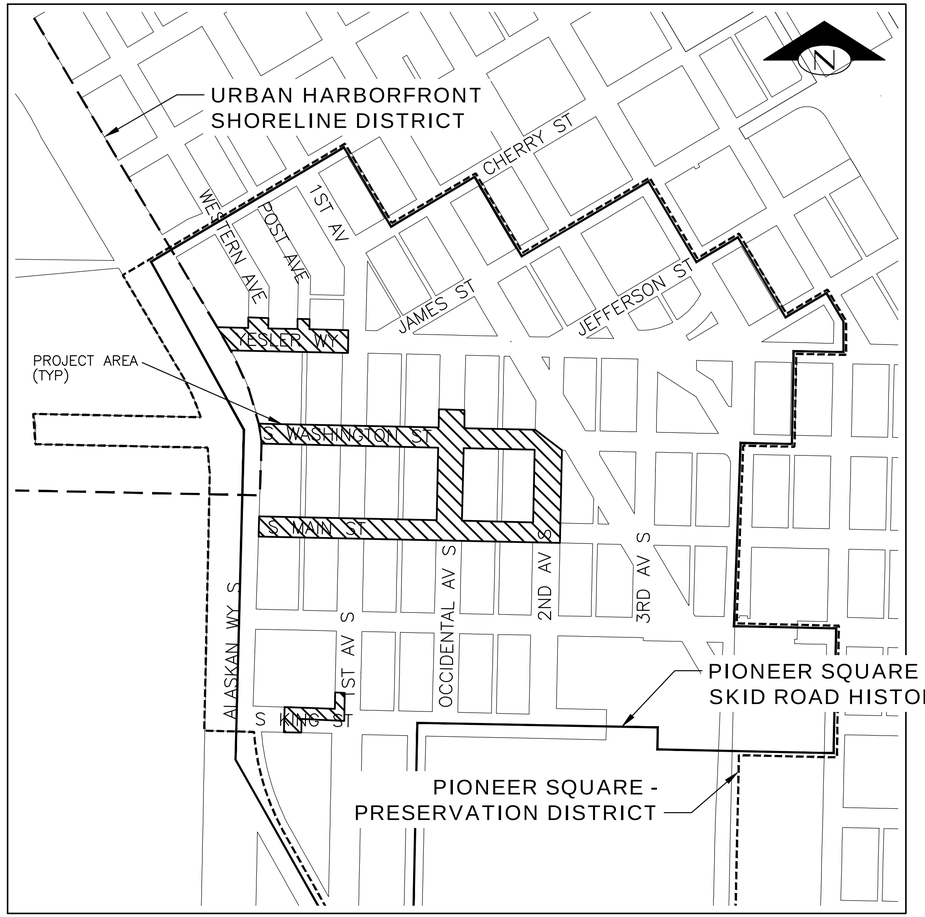


VICINITY MAP
SCALE: NTS



LOCATION MAPS
SCALE: NTS

(SEE SHEET 2 FOR SHEET LOCATION MAPS AND INDEX)

DETAIL AND SECTION REFERENCING

4 / 9 — DETAIL REFERENCE NUMBER; SHEET OR DRAWING ON WHICH DETAIL APPEARS

(TITLE) (SCALE) 4 / 9 — DETAIL REFERENCE NUMBER; SHEET OR DRAWING FROM WHICH DETAIL WAS TAKEN

("TYP" SPECIFIES THAT DETAIL IS UNIFORMLY TYPICAL THROUGHOUT PROJECT EXCEPT WHERE OTHERWISE NOTED.)
("VAR" SPECIFIES THAT DETAIL WAS TAKEN FROM SEVERAL SHEETS.)

A — A 32 — SECTION A–A IS SHOWN ON SHEET 32.

SECTION A–A 30 — SECTION A–A IS TAKEN FROM SHEET 30.

DATUM

HORIZONTAL DATUM: LOCAL Adjustment SPU–GIS (2000)
VERTICAL DATUM: City of Seattle
City of Seattle Datum is 9.65 feet lower than SEANET

NAVD–88. ALL COORDINATE VALUES ARE BASED ON A LOCALLY ADJUSTED COORDINATE SYSTEM.

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COVER SHEET

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INITIALS AND DATE		INITIALS AND DATE	
DESIGNED KG, SB	6/3/2022	REVIEWED:	
CHECKED LK, AB	6/3/2022	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN JA	6/3/2022	RECEIVED	
CHECKED KG	6/3/2022	REVISED AS BUILT	

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0–02.3 OF THE PROJECT MANUAL.

LAUREL JEAN KUNKLER — STATE OF WASHINGTON — 43870 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021–061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB	PC	JOB PC
	CO	JOB CO
VPI #		792–293
		CV01
SHEET		1 OF 198

Z:\Shared\Seattle – Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\001 CV01.dwg
Jun–06–22 4:49pm

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	FA	002

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2	GS01	SHEET INDEX
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RIGHT OF WAY		
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17	CDN02	EXISTING TREE PROTECTION AND SCHEDULE
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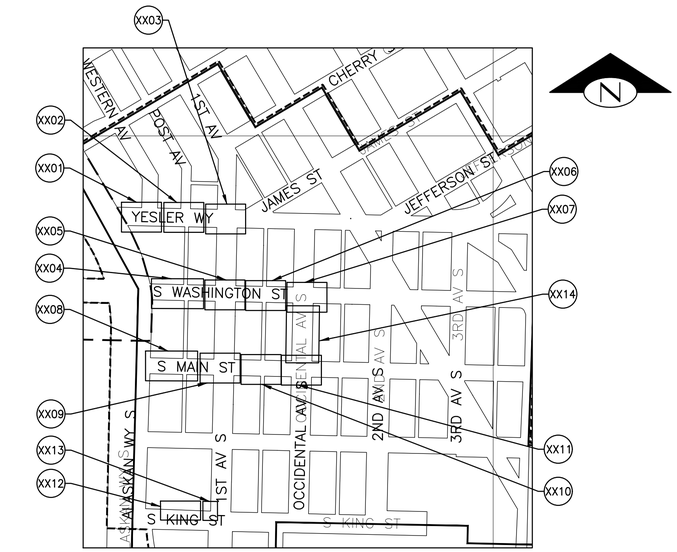
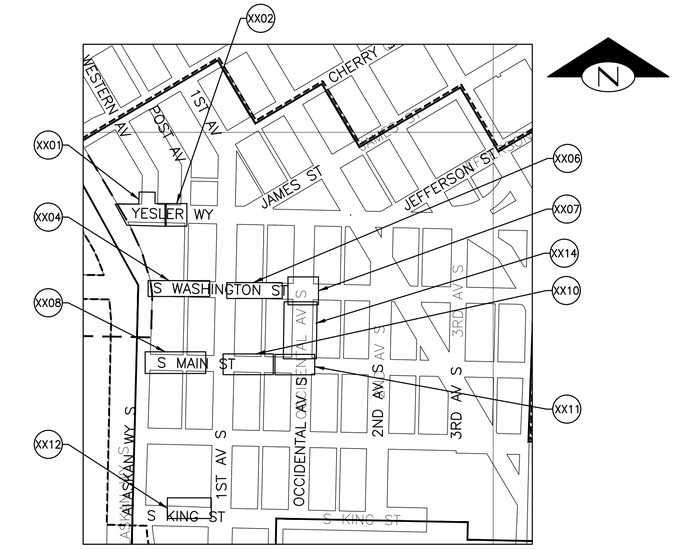
194–195	V04 – V05	SURVEY TOPO – S. MAIN ST.
196	V06	SURVEY TOPO – S. KING ST.
197–198	V07 – V08	SURVEY TOPO – 2ND AVE. S.



PG, CP, AND CU DRAWING SHEET KEY MAPS



LP, UD, IR DRAWING SHEET KEY MAPS

NOTE FOR DRAWING SHEET KEY MAPS:
"XX" REFERS TO PG##, CU##, LP##, UD##, IR## SERIES DRAWING SHEETS. SEE SHEET INDEX FOR REFERENCE TO SHEET NUMBERS CORRELATING TO DRAWING NUMBER.

FOR OTHER SHEET SERIES KEY MAPS SEE DRAWING SHEET SERIES COVER (CDN01, PM01, LTN01, EG0.1).

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SHEET INDEX

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LAUREL JEAN KUNKLER
STATE OF WASHINGTON
43575
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
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PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
GS01
SHEET 2 OF 198

MARK	DATE	REVISIONS	MADE	CHK'D	REV'D

VAULT SPEAL NO. 38413

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Jun-09-22 8:59pm

GENERAL NOTES

1. ALL WORK MUST CONFORM TO THE 2020 EDITION OF CITY OF SEATTLE STANDARD SPECIFICATIONS, THE 2020 EDITION OF THE CITY OF SEATTLE STANDARD PLANS. ALL RESTORATION WORK IN THE RIGHT–OF–WAY MUST CONFORM TO THE SEATTLE DEPARTMENT OF TRANSPORTATION DIRECTOR'S RULE 01–2017 RIGHT–OF–WAY OPENING AND RESTORATION RULES. A COPY OF THESE DOCUMENTS MUST BE ON SITE DURING CONSTRUCTION.
2. FOR REQUIREMENTS REGARDING THE PROTECTION AND RESTORATION OF PUBLIC AND PRIVATE PROPERTY, SEE SECTIONS 1–07.16 AND 1–07.17.
3. A COPY OF THE APPROVED PLAN MUST BE ON SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
4. ALL PERMITS REQUIRED FOR WORK WITHIN THE PUBLIC RIGHT OF WAY MUST BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.
5. ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH ALL PERMITS INCLUDED IN THE PROJECT MANUAL AND OBTAINED BY THE CONTRACTOR.
6. ALL DAMAGE TO CITY INFRASTRUCTURE CAUSED BY THE CONSTRUCTION MUST BE IMMEDIATELY REPORTED TO THE ENGINEER AND REPAIRED AS REQUIRED BY THE ENGINEER. TO REPORT DAMAGE TO SPU INFRASTRUCTURE, INCLUDING ANY SEWAGE RELEASE OR BLOCKAGE, CALL 206–386–1800.
7. DATUM: NAVD88 AND NAD83 (1991).
8. SURVEYING AND STAKING OF ALL IMPROVEMENTS IN THE PUBLIC RIGHT OF WAY MUST BE DONE IN ACCORDANCE WITH SECTION 1–05.5 AND COMPLETED PRIOR TO CONSTRUCTION. CONTRACTOR MUST STAKE THE CURB AT THE CENTERLINE OF DRAINAGE GRATES PER STANDARD PLAN 260A.
9. THE CONTRACTOR IS RESPONSIBLE FOR REFERENCING AND REPLACING ALL MONUMENTS THAT MAY BE DISTURBED, DESTROYED OR REMOVED BY THE PROJECT AND MUST FILE AN APPLICATION FOR PERMIT TO REMOVE OR DESTROY A SURVEY MONUMENT WITH THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES, PURSUANT TO RCW 58.24.040(8).
10. THE CONTRACTOR MUST NOTIFY THE SEATTLE FIRE DEPARTMENT DISPATCHER (206–386–1495) AT LEAST TWENTY–FOUR (24) HOURS IN ADVANCE OF ALL WATER SERVICE INTERRUPTIONS, HYDRANT SHUTOFFS, AND STREET CLOSURES OR OTHER ACCESS BLOCKAGE. THE CONTRACTOR MUST ALSO NOTIFY THE DISPATCHER OF ALL NEW, RELOCATED, OR ELIMINATED HYDRANTS RESULTING FROM THIS WORK.
11. THE CONTRACTOR MUST LOCATE AND PROTECT ALL CASTINGS AND UTILITIES DURING CONSTRUCTION THAT ARE TO REMAIN.
12. THE CONTRACTOR MUST CONTACT THE UNDERGROUND UTILITIES LOCATOR SERVICE (811) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
13. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
14. THE CONTRACTOR MUST ADJUST ALL EXISTING MAINTENANCE RIMS, DRAINAGE STRUCTURE LIDS, VALVE BOXES, AND UTILITY ACCESS STRUCTURES TO FINISH GRADE WITHIN AREAS AFFECTED BY THE PROPOSED IMPROVEMENTS.
15. THE CONTRACTOR MUST COORDINATE CORE TAPS WITH SDOT RESIDENT ENGINEER, SPU RESIDENT ENGINEER, AND CORE TAPPING CREW. THE CONTRACTOR MUST ALSO FOLLOW SPU CORE TAP PROCEDURES FOR ALL NEW CONNECTIONS TO EXISTING SEWER OR DRAINAGE MAINS OR STRUCTURES. CONTRACTORS ARE NOT ALLOWED TO CORE INTO MAINS OR STRUCTURES WITHOUT PRIOR APPROVAL FROM SPU–DWW. TO SCHEDULE CORE CUTS, CONTACT SPU–DWW AT 206–615–0511 A MINIMUM OF 2 BUSINESS DAYS IN ADVANCE.
16. ALL UTILITY SERVICE CONNECTIONS SHOWN ON PLANS REQUIRE SEPARATE PERMITS.
17. ALL DISTURBED SOILS MUST BE AMENDED PER PLANS AND SECTION 8–02 OF THE STANDARD SPECIFICATIONS UNLESS WITHIN ONE FOOT OF A CURB OR SIDEWALK, THREE FEET OF A UTILITY STRUCTURE (E.G., WATER METER, UTILITY POLE, HAND HOLE, ETC.), OR THE DRIPLINE OF AN EXISTING TREE UNLESS THERE ARE OTHER CONTRACT PROVISIONS FOR THE DISTURBED SOILS. SEE LANDSCAPE PLANS.
18. ALL TRAFFIC CONTROL MUST BE IN ACCORDANCE WITH THE CITY OF SEATTLE TRAFFIC CONTROL MANUAL FOR IN–STREET WORK. AN APPROVED TRAFFIC CONTROL PLAN WILL BE REQUIRED FOR ALL STREETS PRIOR TO BEGINNING CONSTRUCTION AT THAT LOCATION.
19. IN ADVANCE OF ANY CONSTRUCTION ACTIVITIES (DEMOLITION, INSTALLATION OR RESTORATION) WITHIN THE PROJECT AREAS, THE CONTRACTOR SHALL REVIEW THE PROJECT'S CULTURAL RESOURCES SHORT REPORT FOR ARCHAEOLOGICAL MONITORING REQUIREMENTS FOR THE PROJECT, WHICH RANGE FROM ON–CALL (UNANTICIPATED DISCOVERY), TO CHECK–IN (INTERMITTENT MONITORING), TO ON–SITE (CONTINUOUS MONITORING). THE REPORT IS INCLUDED IN APPENDIX A AND REFERENCED IN 1–07.5(5)B.
20. COORDINATE SIGN AND PAY STATION REMOVAL AND INSTALLATION WITH SEATTLE DEPARTMENT OF TRANSPORTATION CURB SPACE MANAGEMENT AT (206) 684–5370 WITH AT LEAST 10 BUSINESS DAYS' NOTICE. SIGNPOSTS ARE TO BE INSTALLED IN ACCORDANCE WITH STANDARD PLANS 616, 620, 621A, 621B, 625, AND 626. SIGNS DAMAGED DURING CONSTRUCTION MUST BE REINSTALLED OR REPLACED AS REQUIRED BY SDOT.

GENERAL NOTES – CONT

21. ALL STREET NAME SIGNS MUST BE INSTALLED BY SEATTLE DEPARTMENT OF TRANSPORTATION.
22. CARE MUST BE EXERCISED WHEN EXCAVATING OR REMOVING PAVEMENT NEAR EXISTING CHARGED WATER MAINS. CAST IRON WATER MAINS ARE KNOWN TO BE SENSITIVE TO EXCESSIVE VIBRATION. COORDINATE PROTECTION METHODS WITH SPU ENGINEER. SEE COS STANDARD SPECIFICATIONS SECTION 1–07.16.
23. CONTACT SDOT ENGINEER FOR INSPECTION OF LANDSCAPING A MINIMUM OF 2 BUSINESS DAYS PRIOR TO PLANTING. INSPECTION BY LANDSCAPE ARCHITECT.
24. ALL EXCAVATION ADJACENT TO THE CITY LIGHT POLES OR OTHER FACILITIES (VAULTS. HANDHOLES, ETC) MUST COMPLY WITH WASHINGTON ADMINISTRATIVE CODE (WAC). SAFETY STANDARDS FOR CONSTRUCTION WORK. PART N. SITE SAFETY PROCEDURES AND EXCAVATION PROTECTIVE SYSTEM MUST SPECIFICALLY COMPLY WITH WAC 296–155–650, EXCAVATION, TRENCHING AND SHORING. POLE PROTECTION/SUPPORTING SYSTEMS USED WHILE EXCAVATING SHALL COMPLY WITH WAC 296–155, GENERAL PROTECTION REQUIREMENTS, ITEM (9) AND SHALL NOT EFFECT THE STRUCTURAL INTEGRITY OF POLES WHILE THE SYSTEMS ARE IN PLACE OR AFTER THE SYSTEMS HAVE BEEN REMOVED.
25. WHERE A NEW PIPE CLEARS AN EXISTING OR NEW UTILITY BY 6" OR LESS. POLYETHYLENE PLASTIC FOAM MUST BE PLACED AS A CUSHION BETWEEN EACH UTILITY. SEE CITY OF SEATTLE STANDARD SPECIFICATIONS 9–05.10. CLEARANCE OF LESS THAN 6" IS ALLOWED ONLY BETWEEN STORM AND SANITARY CONVEYANCE PER SECTION 1–07.17(2)B.
26. CONTRACTOR IS RESPONSIBLE FOR STREET USE PERMITS AND PARKING FEES. SEE SECTION 1–07.6 PERMITS OF THE CITY OF SEATTLE STANDARD SPECIFICATIONS.
27. THE CONTRACTOR IS RESPONSIBLE FOR TRIMMING TREES FOR OVERHEAD CLEARANCE; THIS MUST BE COORDINATED WITH SDOT URBAN FORESTRY (TREES AND LANDSCAPING PROGRAM) PHONE: 206–684–TREE(8733) EMAIL: SEATTLE.TREES@SEATTLE.GOV. ENGINEER TO PROVIDE NAME AND PHONE NUMBER/EMAIL TWO WEEKS IN ADVANCE.
28. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXTENT OF ANY HAZARD CREATED BY OVERHEAD POWER. THE CONTRACTOR MUST MEET WITH UTILITY OWNERS PRIOR TO CONSTRUCTION AND MUST TAKE WHATEVER PRECAUTIONS ARE REQUIRED BY LAW AND REGULATIONS. UTILITY OWNERS OR SAFE CONSTRUCTION PRACTICES. SEE CITY OF SEATTLE STANDARDS SPECIFICATIONS 1–05.2(2) AND 1–07.28.
29. TREE CANOPIES SHOWN ON THE DRAWINGS ARE APPROXIMATE. TREE DRIPLINE LOCATION MUST BE DETERMINED BY THE ACTUAL TREE CANOPY. SEE SPECIFICATIONS AND DRAWING CDN02 FOR TREE PROTECTION REQUIREMENTS.
30. TREES. SHRUBS. AND OTHER PLANT MATERIAL NOT DESIGNATED FOR REMOVAL MUST BE PROTECTED FROM DAMAGE. SEE SECTION 1–07.16(2)
31. LOCATIONS OF SERVICE CONNECTIONS MAY NOT BE KNOWN. THE CONTRACTOR SHALL EXPECT SERVICE CONNECTIONS TO ALL PROPERTIES AND STRUCTURES.
32. SEATTLE CITY LIGHT DOES NOT HOLD POLE FOR THE CONTRACTOR'S WORK. IF POLE SUPPORT IS NEEDED, CONTRACTOR SHALL PROVIDE PE SIGNED POLE SUPPORT DESIGN FOR SCL TO REVIEW AND APPROVE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW COSTS FROM SEATTLE CITY LIGHT CONTRACTOR SHALL BE RESPONSIBLE AND PROVIDE THE MATERIAL AND LABAOR NECESSARY FOR ALL POLE SUPPORT. PAYMENT FOR THE COST TO DESIGN POLE SUPPORT, OBTAIN SCL REVIEW AND APPROVAL, AND PROVIDE POLE SUPPORT IS CONSIDERED INCIDENTAL TO THE VARIOUS BID ITEMS OF THE WORK AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
33. PLEASE NOTIFY SCL PAJE CHASE AT 206–730–1076 (PAJE.CHASE@SEATTLE.GOV) FOUR WEEKS PRIOR TO THE START OF THIS PROJECT.

    NOTIFY ALL OF THE FOLLOWING CENTRIO REPRESENTATIVES A MINIMUM OF TWO (2) WEEKS NOTICE OF ANY WORK WITHIN THREE (3) FEET OF CENTRIO STEAM DISTRIBUTION UTILITIES.

    PAT LESTER
    MANAGER, DISTRIBUTION & CUSTOMER SERVICE
    T: (206) 658–2023 | M: (206) 396–2698
    E: PAT.LESTER@CENTRIOENERGY.COM

    DAN CARRIER
    DISTRIBUTION FOREMAN
    T: (206) 510–4758
    E: DAN.CARRIER@CENTRIOENERGY.COM

    CLARENCE CLIPPER
    GENERAL MANAGER
    T: (206) 658–2026 | M: (206) 391–5014
    E: CLARENCE.CLIPPER@CENTRIOENERGY.COM
34. NOTIFY CENTRIO WHEN WORK IS TO OCCUR NEAR CENTRIO STEAM DISTRIBUTION. SEE SECTION 1–07.28.

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ABBREVIATIONS

SEE COS STD PLANS (002 SERIES) FOR CITY STANDARD ABBREVIATIONS. ABBREVIATIONS WITHIN A SHEET SERIES ARE PROVIDED ON CONSTRUCTION NOTE SHEET FOR THAT SERIES.

GENERAL PUGET SOUND ENERGY (PSE) NOTES FOR GAS UTILITIES

1. CONTACT MAPREQUEST@PSE.COM TOR UPDATED GAS MAPS OF AREA.
2. MAINTAIN A MINIMUM 1' VERTICAL SEPARATION WHEN CROSSING GAS MAINS OR SERVICES.
3. MAINTAIN A MINIMUM 3' HORIZONTAL SEPARATION WHEN RUNNING PARALLEL TO GAS MAINS OR SERVICES.
4. IF HP OR > 4" PIPE ARE ENCOUNTERED, PLEASE CONTACT PSE PI INSPECTOR BEFORE WORKING NEAR HP OR > 4" GAS MAINS:
   GLENN HUDEN, (206) 396–4159, GLENN.HUDEN@PSE.COM
   TROY PETERSON (206) 396–0730 TROY.PETERSON@PSE.COM) COVERS S SEATTLE
   MITCH BALZER (253) 377–9539 MITCHELL.BALZER@PSE.COM) COVERS N SEATTLE.
5. COORDINATE WITH PSE CUSTOMER CONSTRUCTION SERVICES AT 1–888–321–7779 AND A PSE PROJECT MANAGER FOR RELOCATION OF GAS MAINS AND SERVICES AS NEEDED.
6. LOCATE AND PROTECT ALL GAS FACILITIES IN THE FIELD.

STANDARD STREET LIGHTING GENERAL NOTES:

1. EXISTING STREET LIGHTING SYSTEM MUST BE MAINTAINED DURING CONSTRUCTION.
2. WORK MUST BE SCHEDULED SUCH THAT NO TWO (2) ADJACENT OR OPPOSITE STREETLIGHTS ARE DISABLED AT ANY ONE TIME.
3. ANY EXCAVATION IN PROXIMITY TO AN EXISTING STREET LIGHT POLE MUST BE DONE WITHOUT UNDERMINING ITS STABILITY. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY STABILIZING SUPPORT.
4. MAINTAIN MINIMUM HORIZONTAL AND VERTICAL CLEARANCES BETWEEN SCL UNDERGROUND STRUCTURES AND VARIOUS OTHER UTILITY STRUCTURES PER SCL CONSTRUCTION STANDARD 0214.00.

GENERAL KING COUNTRY METRO STANDARD NOTES:

1. ANY CONSTRUCTION OR INSTALLATION ACTIVITIES AFFECTING TRANSIT OPERATIONS OR FACILITIES MUST BE COORDINATED THROUGH METRO TRANSIT CONSTRUCTION INFORMATION CENTER. FOR NOTIFICATION INFORMATION AND GUIDELINES, PLEASE VISIT:
   HTTP://WWW.KINGCOUNTY.GOV/TRANSPORTATION/KCDOT/METROTRANSIT/CONSTRUCTION.ASPX OR CONTACT CONSTRUCTION COORDINATORS AT 206–477–1140.
   PLEASE PROVIDE FIVE BUSINESS DAYS NOTIFICATION FOR BUS REROUTES AND THREE BUSINESS DAYS NOTIFICATION FOR BUS STOP IMPACTS.
2. TO SCHEDULE SHELTER REMOVAL, PLEASE CONTACT PLANSREVIEW@KINGCOUNTY.GOV. PLEASE NOTE THAT METRO REQUIRES 3 WEEKS PRIOR NOTIFICATION FOR REMOVAL.
3. PLEASE SEE THE FOLLOWING URL FOR STANDARD CONSTRUCTION DETAILS:
   HTTP://WWW.KINGCOUNTY.GOV/DEPTS/TRANSPORTATION/METRO/DESIGN–CONSTRUCTION–STANDARDS/PASSENGERFACILITIES/CONSTRUCTION.ASPX
4. ALL METRO FOOTINGS MUST BE INSPECTED BY METRO INSPECTORS BEFORE ANY CONCRETE IS POURED. PLEASE CONTACT METRO INSPECTORS DIRECTLY AT 206–263–2381 OR 206–507–6550 OR VIA EMAIL AT TBIR@KINGCOUNTY.GOV. PLEASE NOTE THAT METRO REQUIRES NOTICE OF 3 WORKING DAYS TO SCHEDULE INSPECTION.
5. AFTER FOOTING INSPECTION AND COMPLETED CONSTRUCTION, PLEASE CONTACT PLANSREVIEW@KINGCOUNTY.GOV TO SCHEDULE SHELTER FRAME INSTALLATION AND BUS STOP FLAGPOST INSTALLATION.

   FOR ANY CIVIL, STRUCTURAL OR ELECTRICAL DESIGN QUESTIONS, PLEASE CONTACT PAUL ENG AT (206) 477–5953 FOR ASSISTANCE.

MARK	DATE	NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 38413

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GENERAL NOTES AND ABBREVIATIONS

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43575
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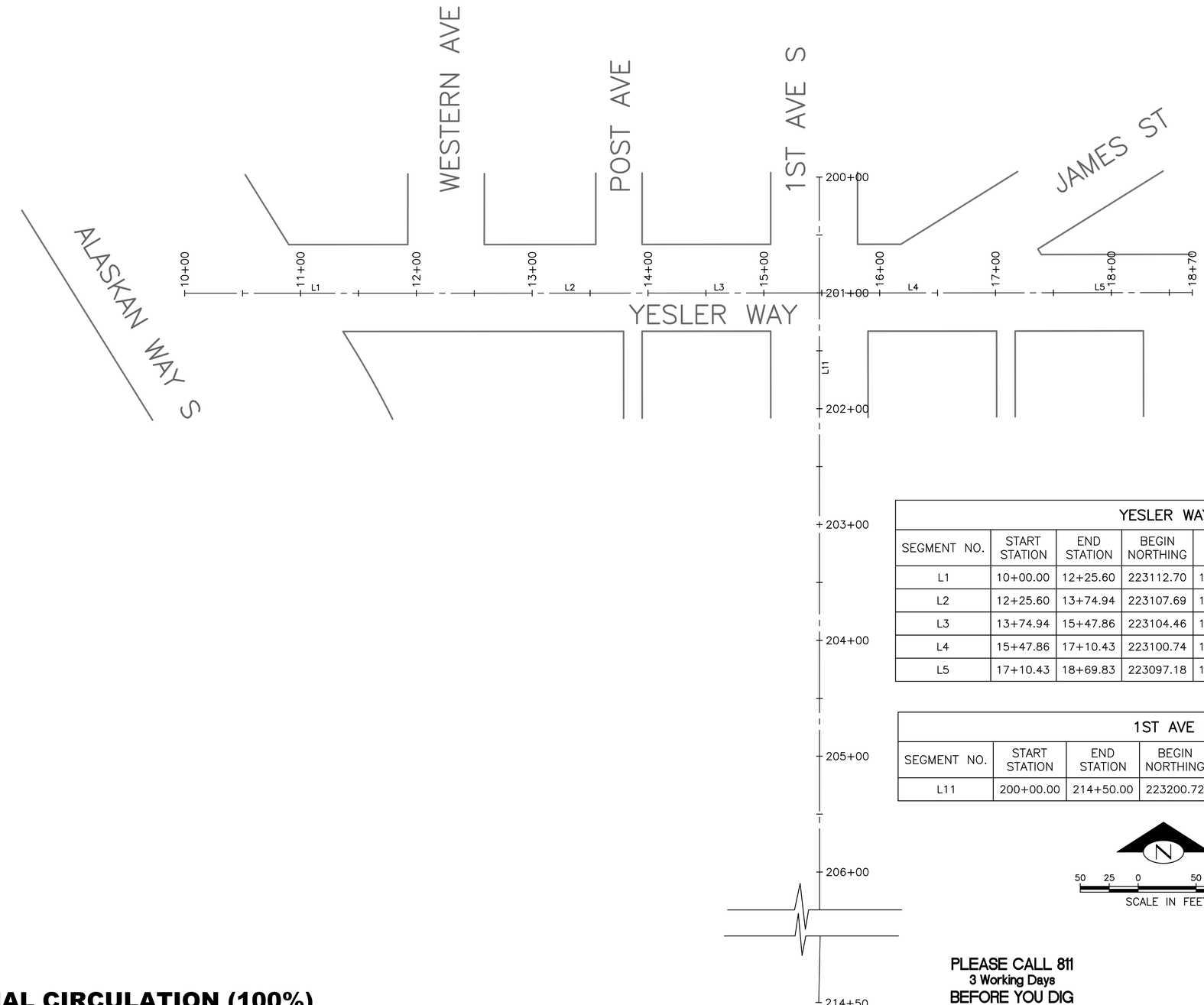
PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
GS02
SHEET 3 OF 198

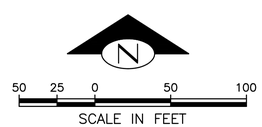
NOTE:

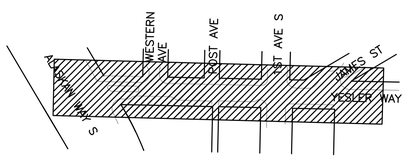
1. FOR SURVEYOR NOTES, SURVEY CONTROL POINTS, DATUM AND BENCHMARKS SEE SURVEY TOPOGRAPHIC AND BASEMAP PLANS (DRAWING SERIES V01–07) BY WH PACIFIC.



YESLER WAY CONSTRUCTION CENTERLINE ALIGNMENT											
SEGMENT NO.	START STATION	END STATION	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	BEARING	DELTA	RADIUS	TANGENT	LENGTH
L1	10+00.00	12+25.60	223112.70	1269622.87	223107.69	1269848.42	S88°43'45.00"E				225.60'
L2	12+25.60	13+74.94	223107.69	1269848.42	223104.46	1269997.72	S88°45'42.00"E				149.34'
L3	13+74.94	15+47.86	223104.46	1269997.72	223100.74	1270170.60	S88°46'00.00"E				172.92'
L4	15+47.86	17+10.43	223100.74	1270170.60	223097.18	1270333.13	S88°44'39.02"E				162.57'
L5	17+10.43	18+69.83	223097.18	1270333.13	223093.88	1270492.50	S88°48'54.80"E				159.40'

1ST AVE S CONSTRUCTION CENTERLINE ALIGNMENT											
SEGMENT NO.	START STATION	END STATION	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	BEARING	DELTA	RADIUS	TANGENT	LENGTH
L11	200+00.00	214+50.00	223200.72	1270172.84	221751.07	1270140.95	S1°15'36.35"W				1450.00'





PLEASE CALL 811
3 Working Days
BEFORE YOU DIG

FINAL CIRCULATION (100%)

YESLER – ALIGNMENT PLAN

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38413						

X:\Seattle, City of\Projects\20180111 - Pioneer Square E - W Ped Improvements\CADD\Plan Sheets\PSEWS_P-YESLER AL.dwg
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CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE			INITIALS AND DATE	
DESIGNED	AES/JESL/RL	6/3/2022	REVIEWED:	
CHECKED	JMD	6/3/2022	DES.	CONST.
DRAWN	JR	6/3/2022	SDOT	PROJ. MGR.
CHECKED	JMD	6/3/2022	RECEIVED	
			REVISED AS BUILT	

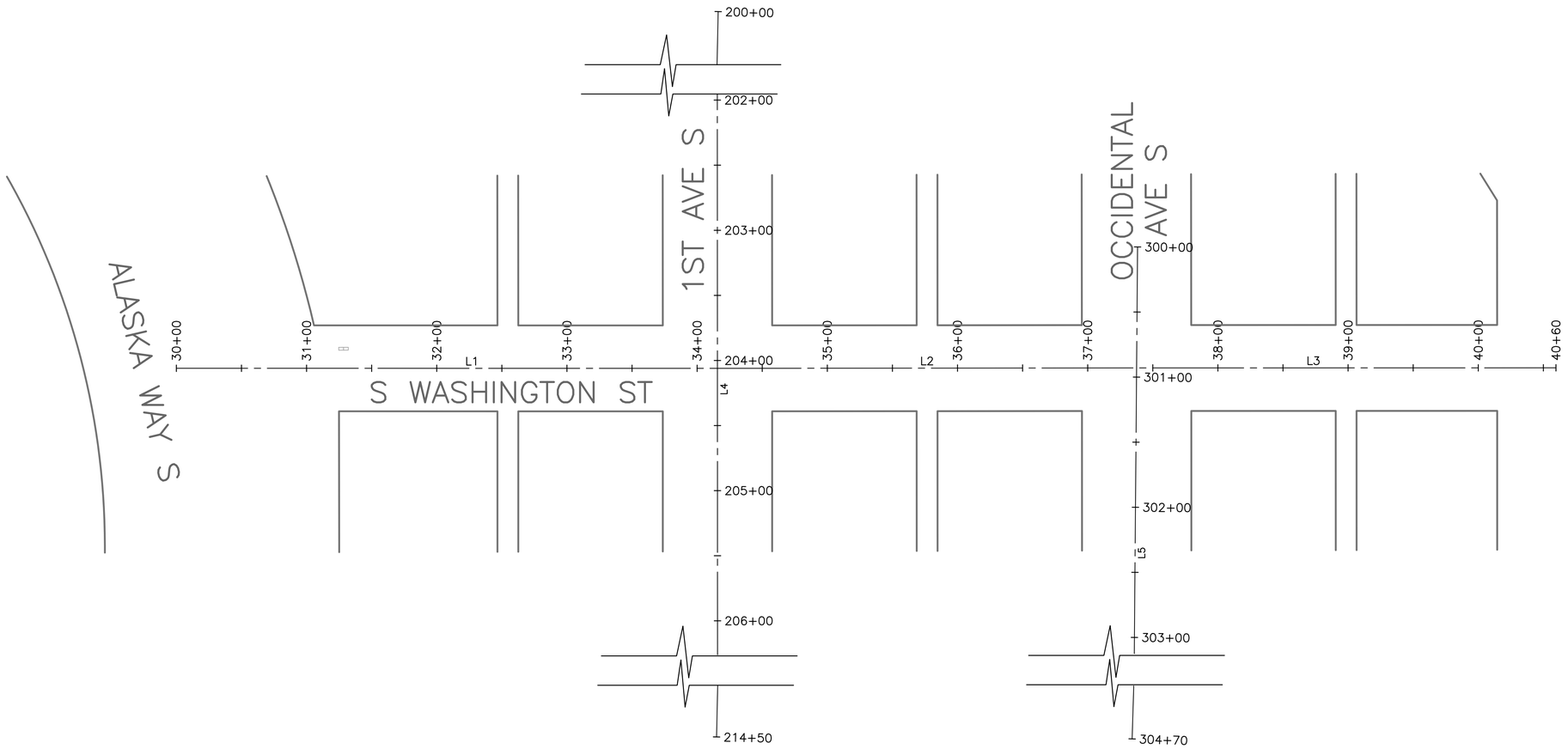
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

JANESSA MARIE D'AMATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021-061
SCALE: H. 1"=20'

PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449-S0100 CO
VPI # 792-293
AL01
SHEET 4 OF 198



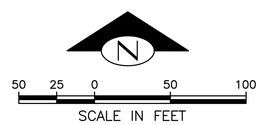
NOTE:

1. FOR SURVEYOR NOTES, SURVEY CONTROL POINTS, DATUM AND BENCHMARKS SEE SURVEY TOPOGRAPHIC AND BASEMAP PLANS (DRAWING SERIES V01–07) BY WH PACIFIC.

S WASHINGTON ST CONSTRUCTION CENTERLINE ALIGNMENT											
SEGMENT NO.	START STATION	END STATION	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	BEARING	DELTA	RADIUS	TANGENT	LENGTH
L1	30+00.00	34+15.76	222804.09	1269748.43	222794.75	1270164.09	S88°42'44.00"E				415.76'
L2	34+15.76	37+37.67	222794.75	1270164.09	222787.89	1270485.93	S88°46'47.00"E				321.91'
L3	37+37.67	40+59.63	222787.89	1270485.93	222780.77	1270807.81	S88°43'56.00"E				321.96'

1ST AVE S CONSTRUCTION CENTERLINE ALIGNMENT											
SEGMENT NO.	START STATION	END STATION	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	BEARING	DELTA	RADIUS	TANGENT	LENGTH
L4	200+00.00	214+50.00	223200.72	1270172.84	221751.07	1270140.95	S1°15'36.35"W				1450.00'

OCCIDENTAL AVE S CONSTRUCTION CENTERLINE ALIGNMENT											
SEGMENT NO.	START STATION	END STATION	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	BEARING	DELTA	RADIUS	TANGENT	LENGTH
L5	300+00.00	304+70.00	222880.80	1270488.62	222411.02	1270474.32	S1°44'38.19"W				470.00'



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3 Working Days
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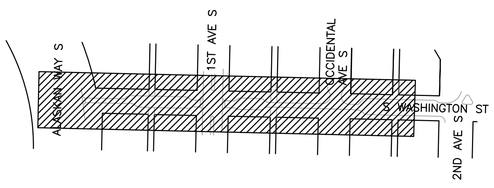

WASHINGTON – ALIGNMENT PLAN

FINAL CIRCULATION (100%)

NATURE OF REVISIONS	MADE	CHK'D	REV'D	MARK	DATE

VAULT SERIAL NO. 38413

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CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		
DESIGNED	AES/JESL/RL	6/3/2022
CHECKED	JMD	6/3/2022
DRAWN	JR	6/3/2022
CHECKED	JMD	6/3/2022

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INITIALS AND DATE	
REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
REVISED AS BUILT	

JANESSA MARIE LOMANTO — STATE OF WASHINGTON — 28151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021-061**
SCALE: H. 1"=20'

PIONEER SQUARE EAST–WEST STREETS

JOB PC **TRC0449-S0100** CO
VPI # 792–293
AL02
SHEET 5 OF 198

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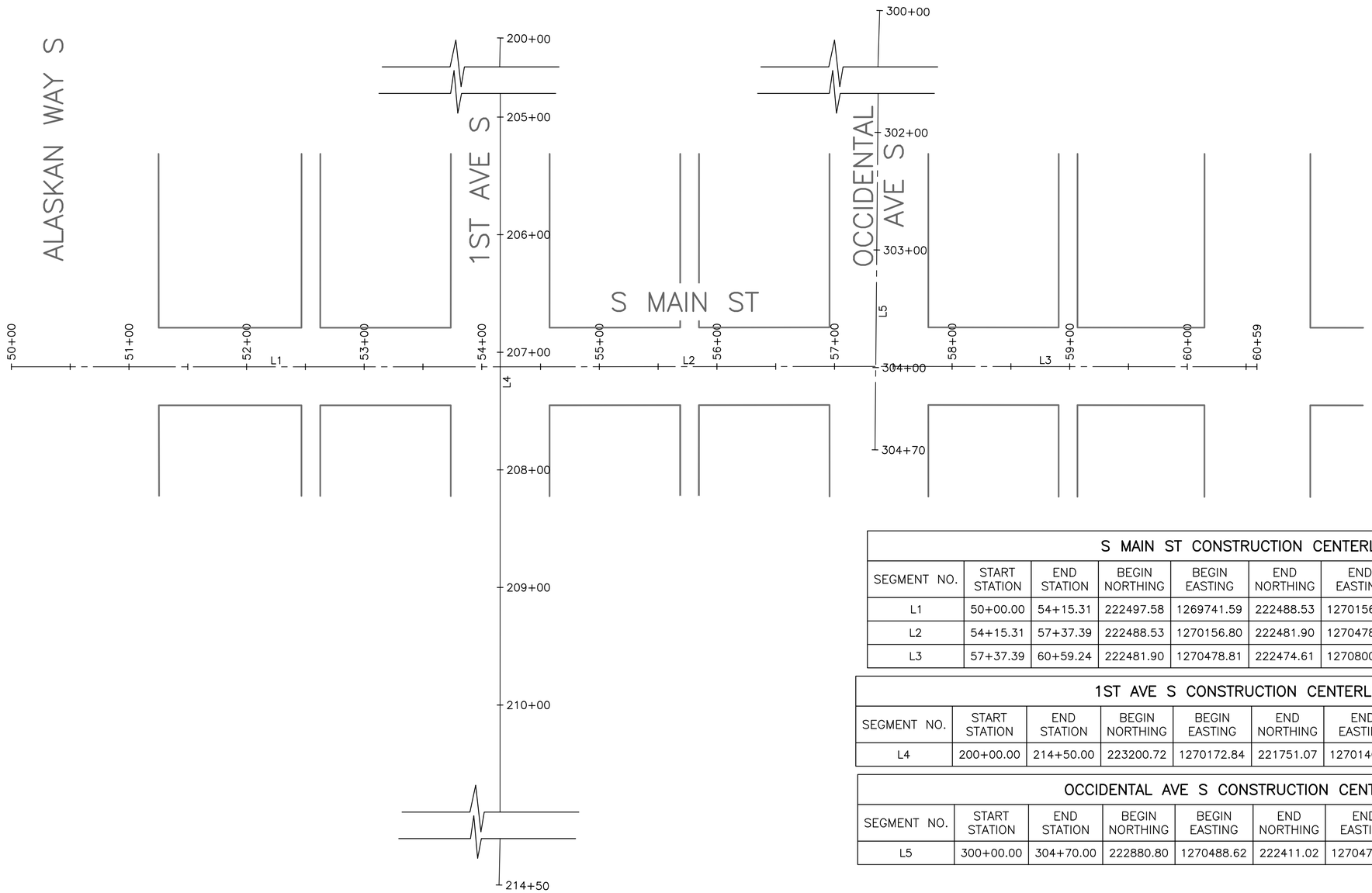

NOTE:

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S MAIN ST CONSTRUCTION CENTERLINE ALIGNMENT

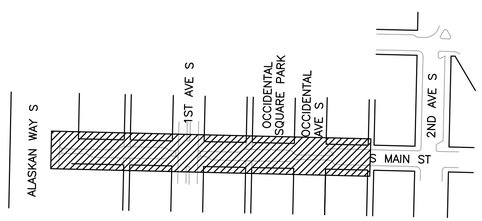
SEGMENT NO.	START STATION	END STATION	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	BEARING	DELTA	RADIUS	TANGENT	LENGTH
L1	50+00.00	54+15.31	222497.58	1269741.59	222488.53	1270156.80	S88°45'02.00"E				415.31'
L2	54+15.31	57+37.39	222488.53	1270156.80	222481.90	1270478.81	S88°49'14.00"E				322.08'
L3	57+37.39	60+59.24	222481.90	1270478.81	222474.61	1270800.58	S88°42'08.00"E				321.85'

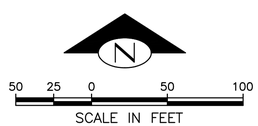
1ST AVE S CONSTRUCTION CENTERLINE ALIGNMENT

SEGMENT NO.	START STATION	END STATION	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	BEARING	DELTA	RADIUS	TANGENT	LENGTH
L4	200+00.00	214+50.00	223200.72	1270172.84	221751.07	1270140.95	S1°15'36.35"W				1450.00'

OCCIDENTAL AVE S CONSTRUCTION CENTERLINE ALIGNMENT

SEGMENT NO.	START STATION	END STATION	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	BEARING	DELTA	RADIUS	TANGENT	LENGTH
L5	300+00.00	304+70.00	222880.80	1270488.62	222411.02	1270474.32	S1°44'38.19"W				470.00'





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3 Working Days
BEFORE YOU DIG

MAIN – ALIGNMENT PLAN

FINAL CIRCULATION (100%)

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38413						

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INITIALS AND DATE		
DESIGNED	AES/JESL/RL	6/3/2022
CHECKED	JMD	6/3/2022
DRAWN	JR	6/3/2022
CHECKED	JMD	6/3/2022

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REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
REVISED AS BUILT	

JANESSA MARIE DORATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021–061**
SCALE: H. 1"=20'

PIONEER SQUARE EAST–WEST STREETS

JOB PC **TRC0449–S0100** CO
VPI # 792–293
AL03
SHEET 6 OF 198

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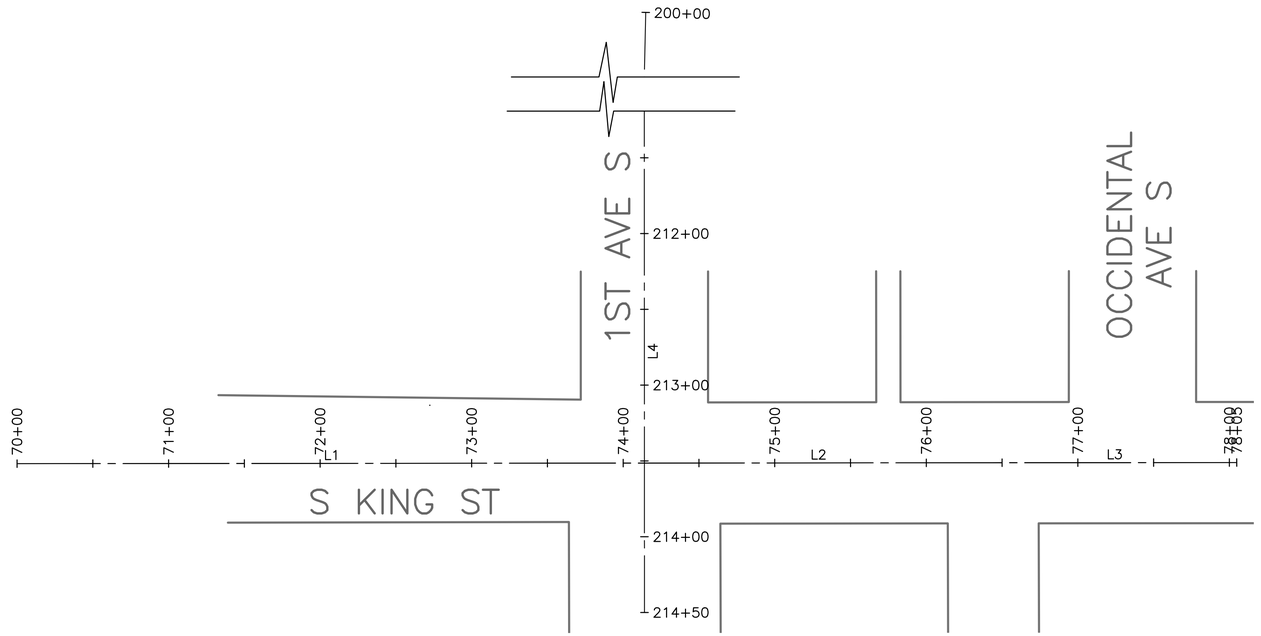
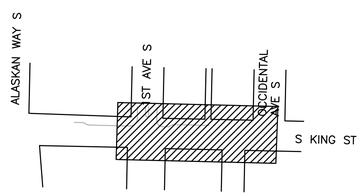
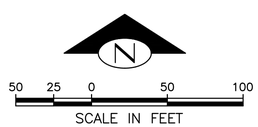


S KING ST CONSTRUCTION CENTERLINE ALIGNMENT											
SEGMENT NO.	START STATION	END STATION	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	BEARING	DELTA	RADIUS	TANGENT	LENGTH
L1	70+00.00	74+13.99	221858.47	1269729.22	221849.62	1270143.12	S88°46'30.29"E				413.99'
L2	74+13.99	76+44.03	221849.62	1270143.12	221844.69	1270373.11	S88°46'20.29"E				230.04'
L3	76+44.03	78+04.86	221844.69	1270373.11	221841.25	1270533.90	S88°46'20.09"E				160.83'

1ST AVE S CONSTRUCTION CENTERLINE ALIGNMENT											
SEGMENT NO.	START STATION	END STATION	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	BEARING	DELTA	RADIUS	TANGENT	LENGTH
L4	200+00.00	214+50.00	223200.72	1270172.84	221751.07	1270140.95	S1°15'36.35"W				1450.00'





PLEASE CALL 811
3 Working Days
BEFORE YOU DIG

KING – ALIGNMENT PLAN

FINAL CIRCULATION (100%)

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
3843						

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INITIALS AND DATE			INITIALS AND DATE	
DESIGNED	AES/JESL/RL	6/3/2022	REVIEWED:	
CHECKED	JMD	6/3/2022	DES.	CONST.
			SDOT	PROJ. MGR.
DRAWN	JR	6/3/2022	RECEIVED	
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JANESSA MARIE DAMATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021-061
SCALE: H. 1"=20'

PIONEER SQUARE
EAST–WEST STREETS

JOB PC TRC0449-S0100
CO
VPI # 792-293
AL04
SHEET 7 OF 198

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Jun-06-22 9:26am

NOTE:

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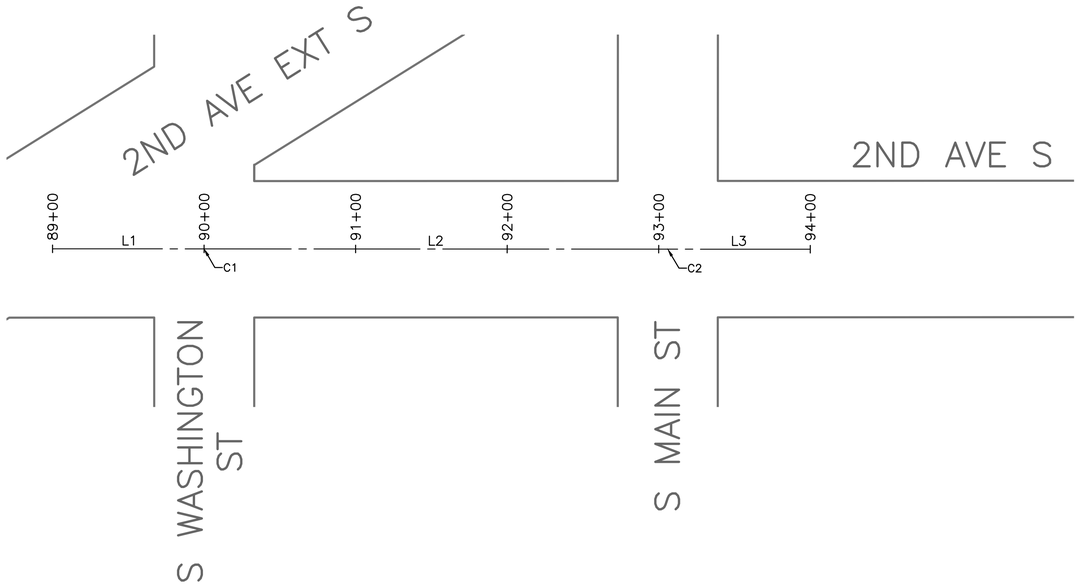
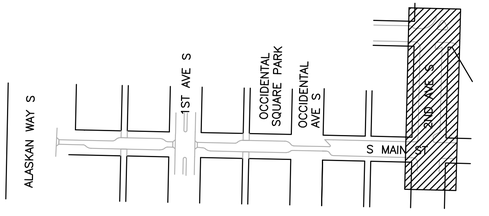
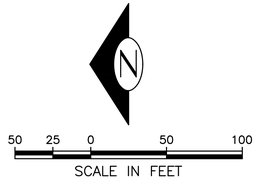


2ND AVE S CONSTRUCTION CENTERLINE ALIGNMENT											
SEGMENT NO.	START STATION	END STATION	BEGIN NORTHING	BEGIN EASTING	END NORTHING	END EASTING	BEARING	DELTA	RADIUS	TANGENT	LENGTH
L1	89+00.00	89+99.98	222880.74	1270810.24	222780.79	1270807.96	S1°18'11.60"W				99.98'
C1	89+99.98	90+00.02	222780.79	1270807.96	222780.74	1270807.96		0°00'49"	200.00'	0.02'	0.05'
L2	90+00.02	93+05.92	222780.74	1270807.96	222474.92	1270800.93	S1°19'00.40"W				305.90'
C2	93+05.92	93+06.00	222474.92	1270800.93	222474.85	1270800.93		0°01'15"	200.00'	0.04'	0.07'
L3	93+06.00	94+00.00	222474.85	1270800.93	222380.87	1270798.81	S1°17'45.40"W				94.00'



2ND – ALIGNMENT PLAN



PLEASE CALL 811
3 Working Days
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FINAL CIRCULATION (100%)

NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO.	DATE	MARK
38413		

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CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		
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CHECKED	JMD	6/3/2022
DRAWN	JR	6/3/2022
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INITIALS AND DATE		
REVIEWED:		
DES.		CONST.
SDOT		PROJ. MGR.

RECEIVED

REVISED AS BUILT

JANESSA MARIE DONATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021–061**

SCALE: H. 1"=20'

PIONEER SQUARE EAST–WEST STREETS

JOB	PC	TRC0449–S0100
	CO	
VPI #		792–293
		AL05
SHEET		8 OF 198

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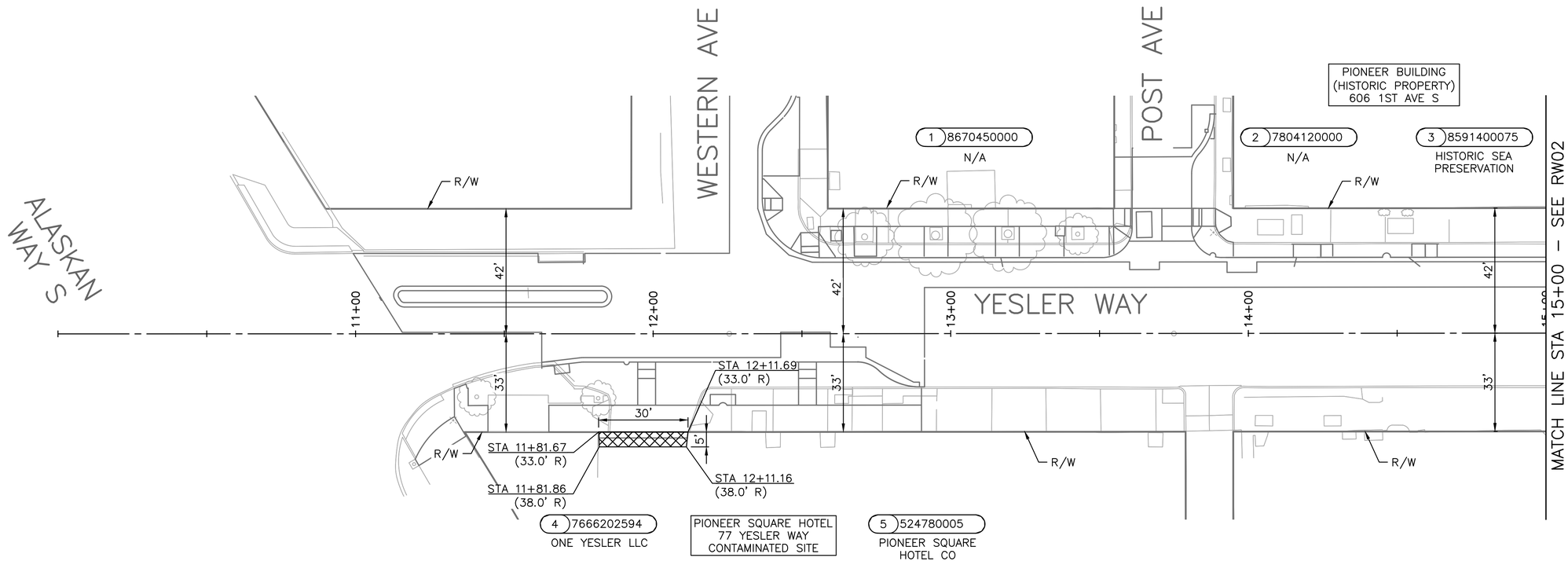
SECTION 5, TOWNSHIP 24 N., RANGE 04 E., W.M.

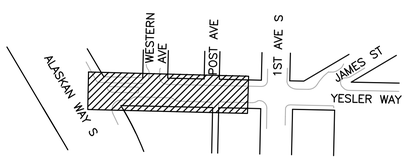


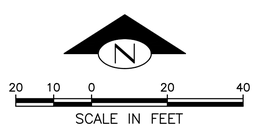
LEGEND

- FEE
- MUTUAL BENEFIT TEMPORARY CONSTRUCTION EASEMENT
- COMPENSABLE TEMPORARY CONSTRUCTION EASEMENT
- RIGHT–OF–WAY LINE
- EXISTING LOT LINE
- 1 1234567890 (PROJECT PARCEL NO. – PARCEL NO.)

PARCEL INFORMATION

PROJECT PARCEL NUMBER	TAX PARCEL NUMBER	DRAWING NUMBER	PARCEL ADDRESS	OWNERSHIP (TAXPAYER)	OWNERSHIP TOTAL AREA (SF)	FEE (SF)	COMPENSABLE TEMPORARY CONSTRUCTION EASEMENT (SF)	MUTUAL BENEFIT TEMPORARY CONSTRUCTION EASEMENT (SF)	TOTAL TEMPORARY CONSTRUCTION EASEMENT (SF)	REMAINDER (SF)
1	8670450000	RW01	611 POST AVE	N/A	9,600	0	0	0	0	9,600
2	7804120000	RW01	606 POST AVE	N/A	3,000	0	0	0	0	3,000
3	8591400075	RW01	605 1ST AVE	HISTORIC SEA PRESERVATION	8,100	0	0	0	0	8,100
4	7666202594	RW01	1 YESLER WAY	ONE YESLER LLC	3,792	0	0	148	148	3,792
5	524780005	RW01	77 YESLER WAY	PIONEER SQUARE HOTEL CO	14,865	0	0	0	0	14,865





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INITIALS AND DATE		
DESIGNED	AES/JESL/RL	6/3/2022
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DRAWN	JR	6/3/2022
CHECKED	JMD	6/3/2022

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0–02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE	
REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
REVISED AS BUILT	

JANESSA MARIE DOMATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021–061**
SCALE: H. 1"=20'

PIONEER SQUARE EAST–WEST STREETS

JOB PC **TRC0449–S0100** CO
VPI # 792–293
RW01
SHEET 9 OF 198

MARK	DATE	NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 38413

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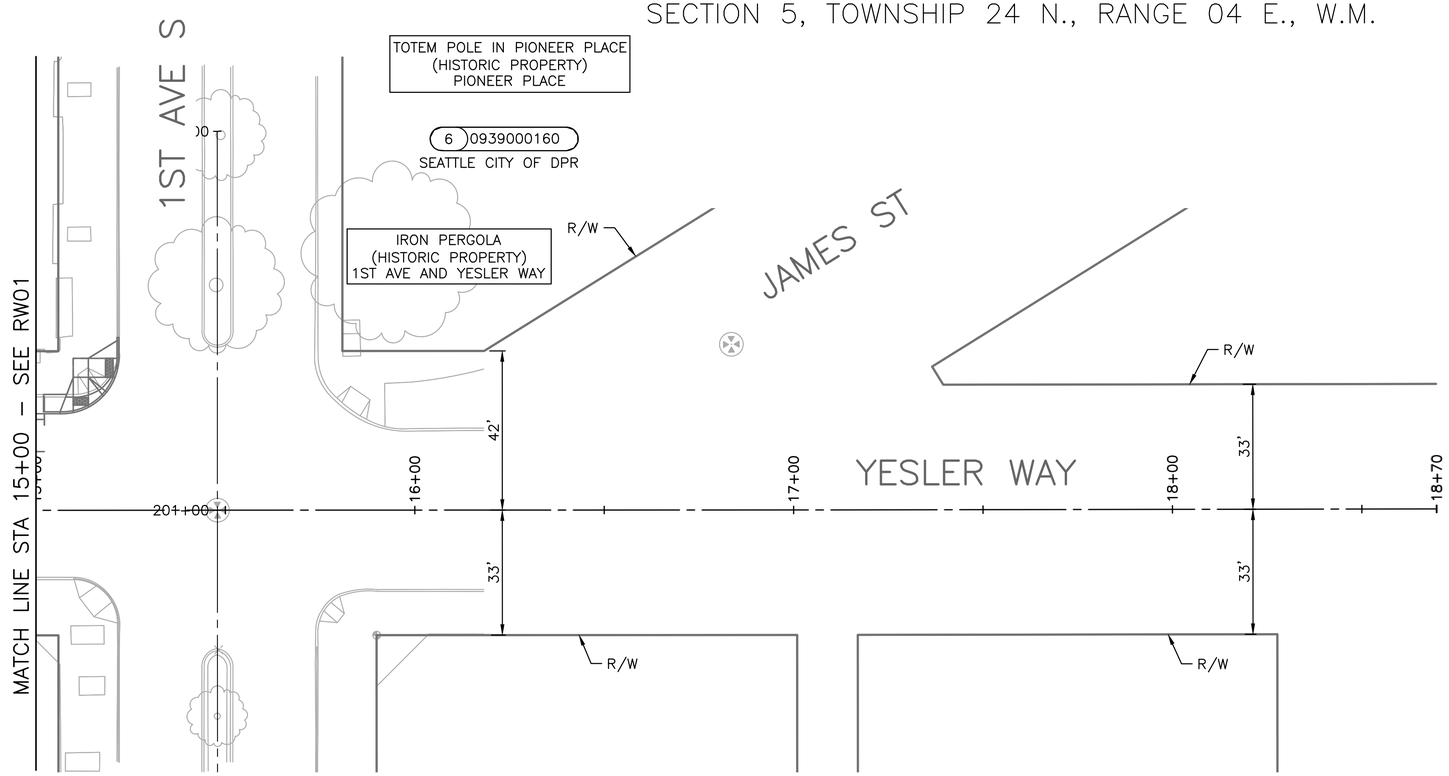
SECTION 5, TOWNSHIP 24 N., RANGE 04 E., W.M.

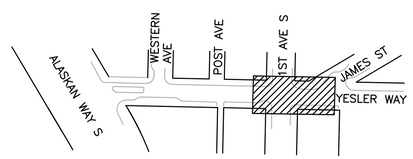


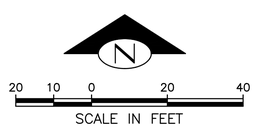
LEGEND

- FEE
- MUTUAL BENEFIT TEMPORARY CONSTRUCTION EASEMENT
- COMPENSABLE TEMPORARY CONSTRUCTION EASEMENT
- RIGHT–OF–WAY LINE
- EXISTING LOT LINE
- 1 1234567890 (1 = PROJECT PARCEL NO., 1234567890 = PARCEL NO.)

PARCEL INFORMATION

PROJECT PARCEL NUMBER	TAX PARCEL NUMBER	DRAWING NUMBER	PARCEL ADDRESS	OWNERSHIP (TAXPAYER)	OWNERSHIP TOTAL AREA (SF)	FEE (SF)	COMPENSABLE TEMPORARY CONSTRUCTION EASEMENT (SF)	MUTUAL BENEFIT TEMPORARY CONSTRUCTION EASEMENT (SF)	TOTAL TEMPORARY CONSTRUCTION EASEMENT (SF)	REMAINDER (SF)
6	939000160	RW02	100 1ST AVE	SEATTLE CITY OF DPR	14,003	0	0	0	0	14,003





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JANESSA MARIE DOOLITTLE — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
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SCALE: H. 1"=20'

PIONEER SQUARE EAST–WEST STREETS

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VPI # 792–293
RW02
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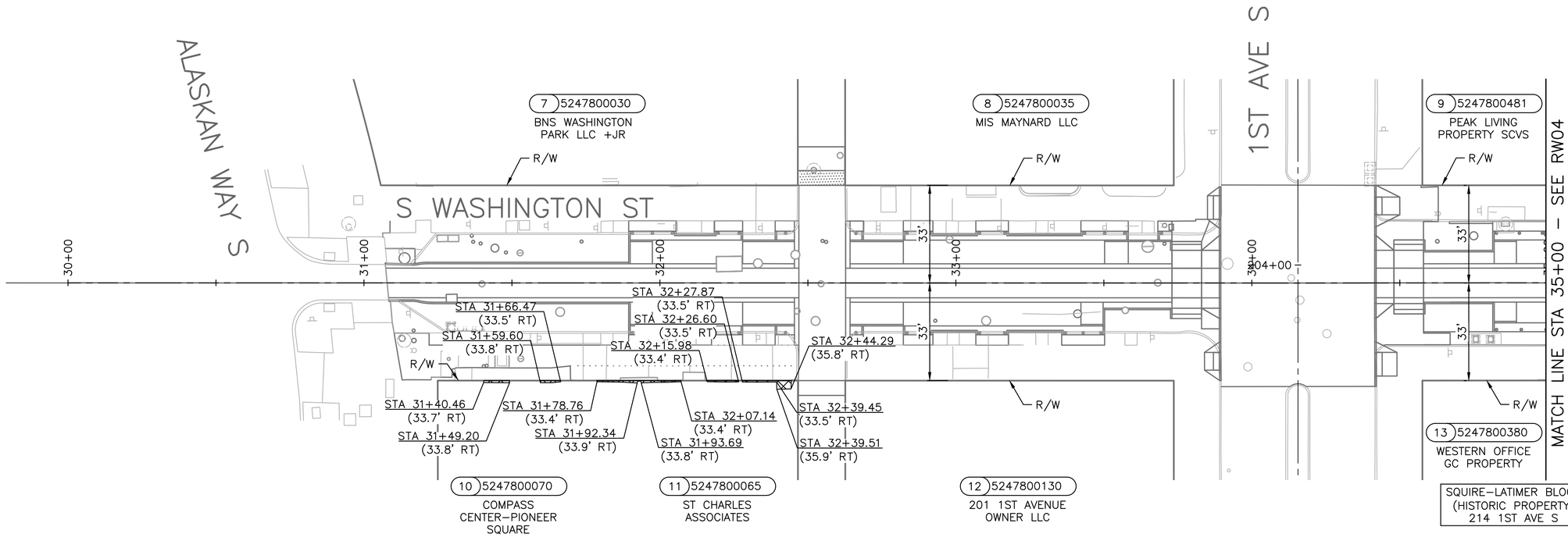

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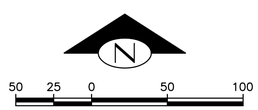
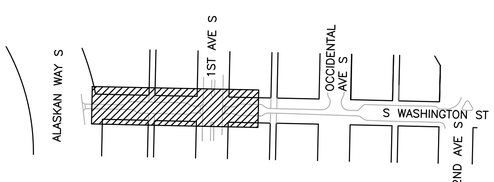
7	5247800030	RW03	68 S WASHINGTON ST	BNS WASHINGTON PARK LLC +JR	9,306	0	0	0	0	9,306
8	5247800035	RW03	119 1ST AVE S	MIS MAYNARD LLC	6,660	0	0	0	0	6,660
9	5247800481	RW03	108 S WASHINGTON ST	PEAK LIVING PROPERTY SVCS	4,440	0	0	0	0	4,440
10	5247800070	RW03	77 S WASHINGTON ST	COMPASS CENTER–PIONEER SQUARE	3,842	0	0	11	11	3,842
11	5247800065	RW03	81 S WASHINGTON ST	ST CHARLES ASSOCIATES	4,200	0	0	41	41	4,200
12	5247800130	RW03	201 1ST AVE S	201 1ST AVENUE OWNER LLC	6,660	0	0	0	0	6,660
13	5247800380	RW03	202 1ST AVE S	WESTERN OFFICE GC PROPERTY	6,660	0	0	0	0	6,660





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CHECKED JMD	6/3/2022	DES.	CONST.
DRAWN JR	6/3/2022	SDOT	PROJ. MGR.
CHECKED JMD	6/3/2022	RECEIVED	
		REVISED AS BUILT	

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JANESSA MARIE DORATO — STATE OF WASHINGTON — 28151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021–061
SCALE: H. 1"=20'

PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449–S0100 CO
VPI # 792–293
RW03
SHEET 11 OF 198

MARK	DATE	NATURE OF REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 3843

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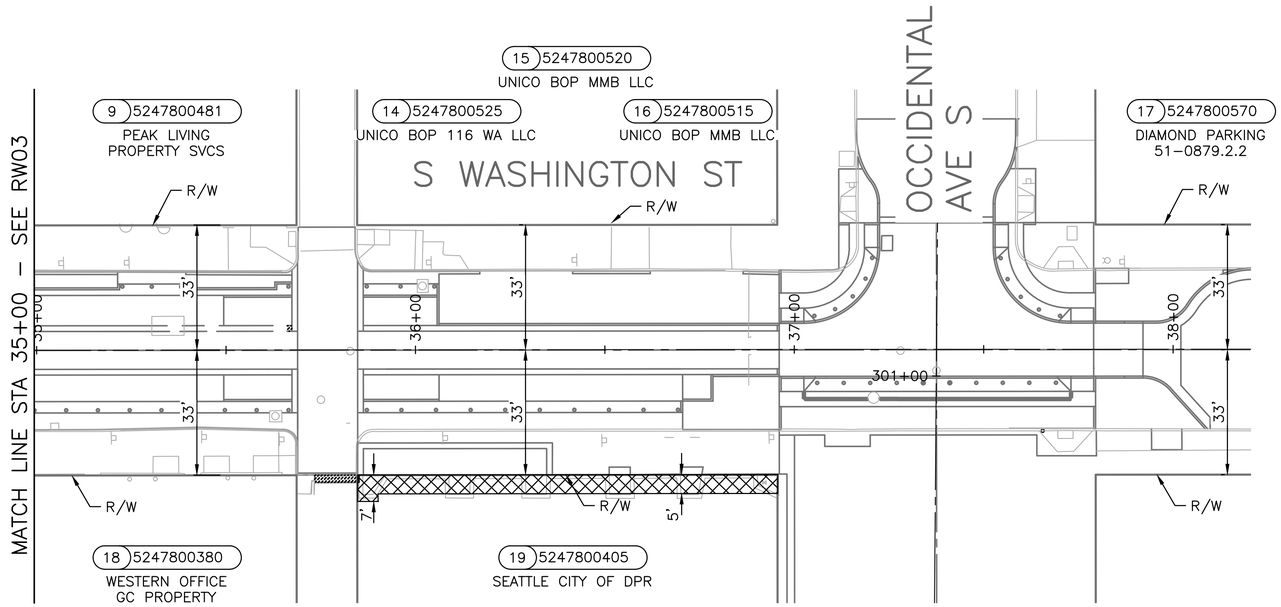

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- RIGHT-OF-WAY LINE
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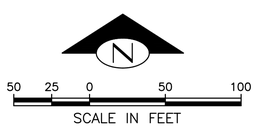
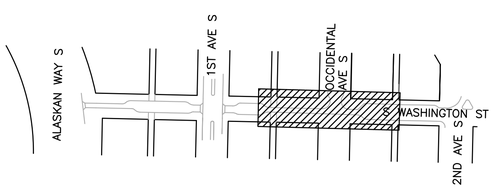
14	5247800525	RW04	116 S WASHINGTON ST	UNICO BOP 116 WA LLC	1,700	0	0	0	0	1,700
15	5247800520	RW04	118 S WASHINGTON ST	UNICO BOP MMB LLC	1,720	0	0	0	0	1,720
16	5247800515	RW04	124 S WASHINGTON ST	UNICO BOP MMB LLC	3,240	0	0	0	0	3,240
17	5247800570	RW04	122 OCCIDENTAL AVE S	DIAMOND PARKING 51-0879.2.2	6,660	0	0	0	0	6,660
18	5247800380	RW04	202 1ST AVE S	WESTERN OFFICE GC PROPERTY	6,660	0	0	0	0	6,660
19	5247800405	RW04	200 OCCIDENTAL AVE S	SEATTLE CITY OF DPR	26,640	0	0	565 SF PERMIT	1,120 SF PERMIT	26,640





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INITIALS AND DATE			INITIALS AND DATE	
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CHECKED	JMD	6/3/2022	DES.	CONST.
			SDOT	PROJ. MGR.
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JANESSA MARIE DORATO — STATE OF WASHINGTON — 28151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021-061
SCALE: H. 1"=20'

PIONEER SQUARE
EAST-WEST STREETS

JOB PC TRC0449-S0100
CO
VPI # 792-293
RW04
SHEET 12 OF 198

MAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38413						

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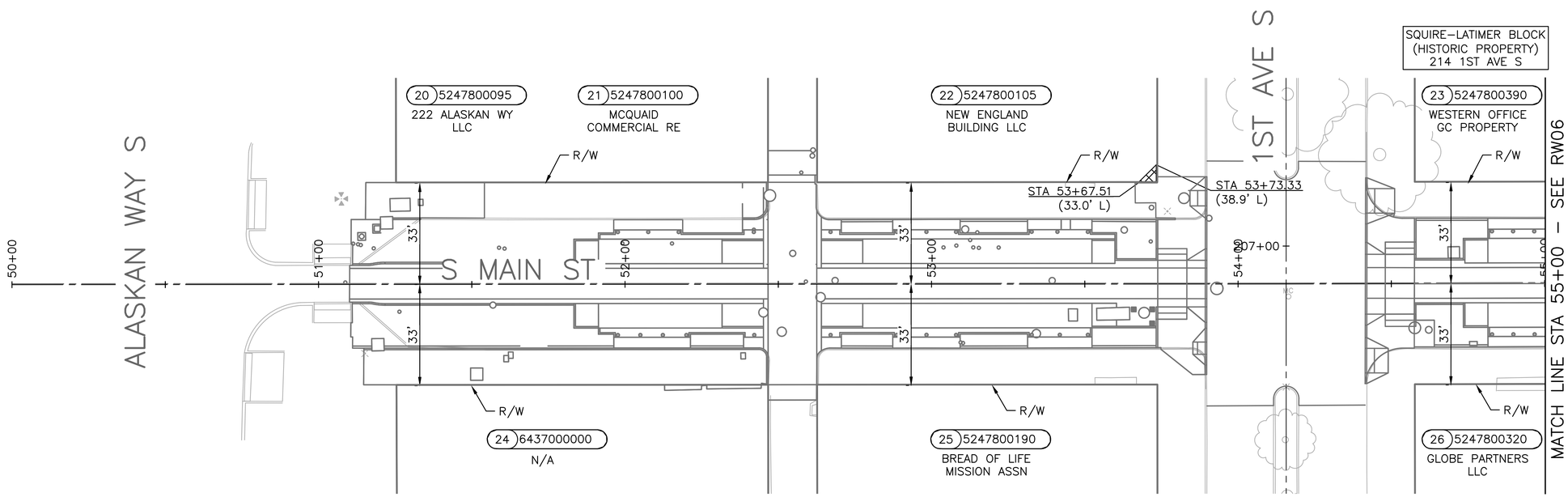
SECTION 5, TOWNSHIP 24 N., RANGE 04 E., W.M.



LEGEND

- FEE
- MUTUAL BENEFIT TEMPORARY CONSTRUCTION EASEMENT
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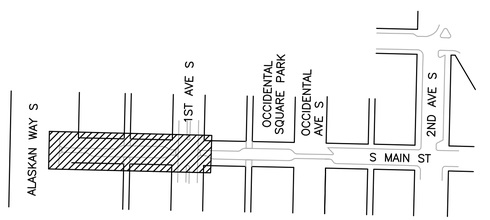
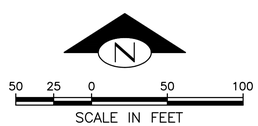
20	5247800095	RW05	222 ALASKAN WAY S	222 ALASKAN WY LLC	2,150	0	0	0	0	2,150
21	5247800100	RW05	80 S MAIN ST	MCQUAID COMMERCIAL RE	6,000	0	0	0	0	6,000
22	5247800105	RW05	219 1ST AVE S	NEW ENGLAND BUILDING LLC	6,660	0	0	17.5	17.5	6,660
23	5247800390	RW05	216 1ST AVE S	WESTERN OFFICE GC PROPERTY	16,650	0	0	0	0	16,650
24	6437000000	RW05	75 S MAIN ST	N/A	5,480	0	0	0	0	5,480
25	5247800190	RW05	301 1ST AVE S	BREAD OF LIFE MISSION ASSN	4,440	0	0	0	0	4,440
26	5247800320	RW05	310 1ST AVE S	GLOBE PARTNERS LLC	13,320	0	0	0	0	13,320





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JANESSA MARIE DONATO
STATE OF WASHINGTON
18151
REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021–061
SCALE:

PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449–S0100 CO
VPI # 792–293
RW05
SHEET 13 OF 198

MARK	DATE	NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 3813

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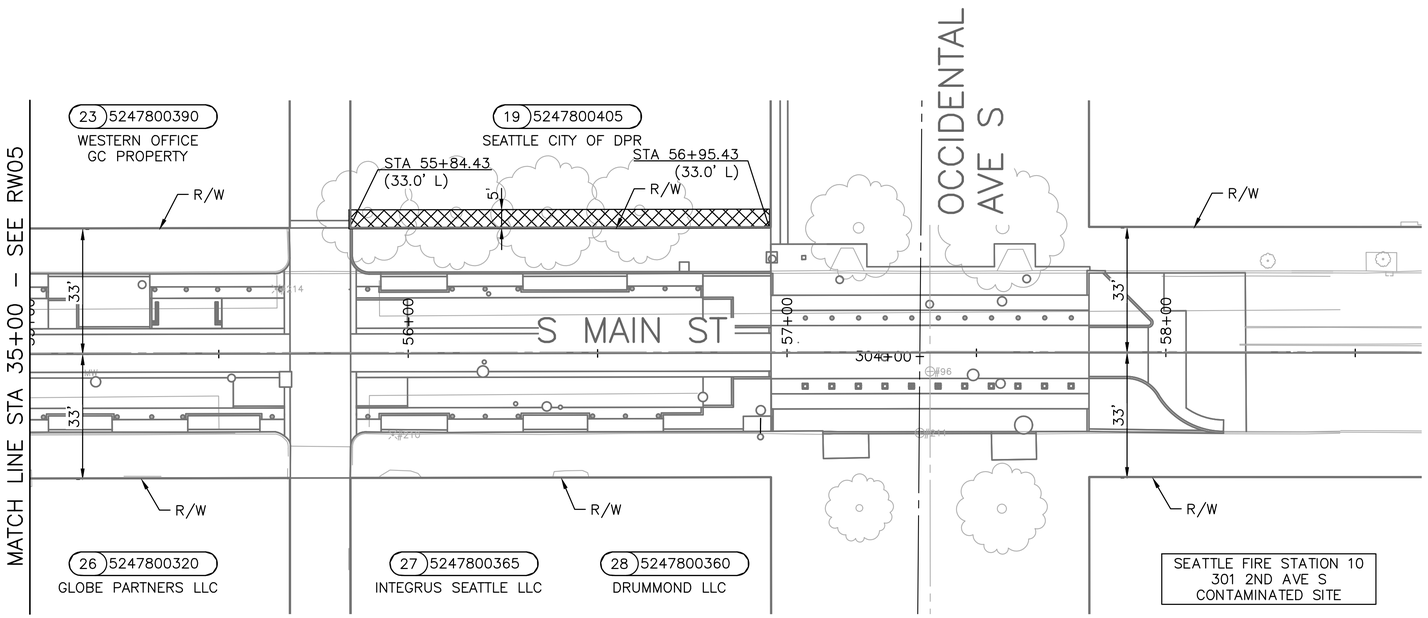

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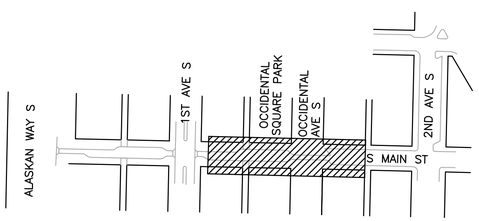
27	5247800365	RW06	117 S MAIN ST	INTEGRUS SEATTLE LLC	6,000	0	0	0	0	6,000
28	5247800360	RW06	119 S MAIN ST	DRUMMOND LLC	7,320	0	0	0	0	7,320



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PIONEER SQUARE EAST–WEST STREETS

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SHEET 14 OF 198

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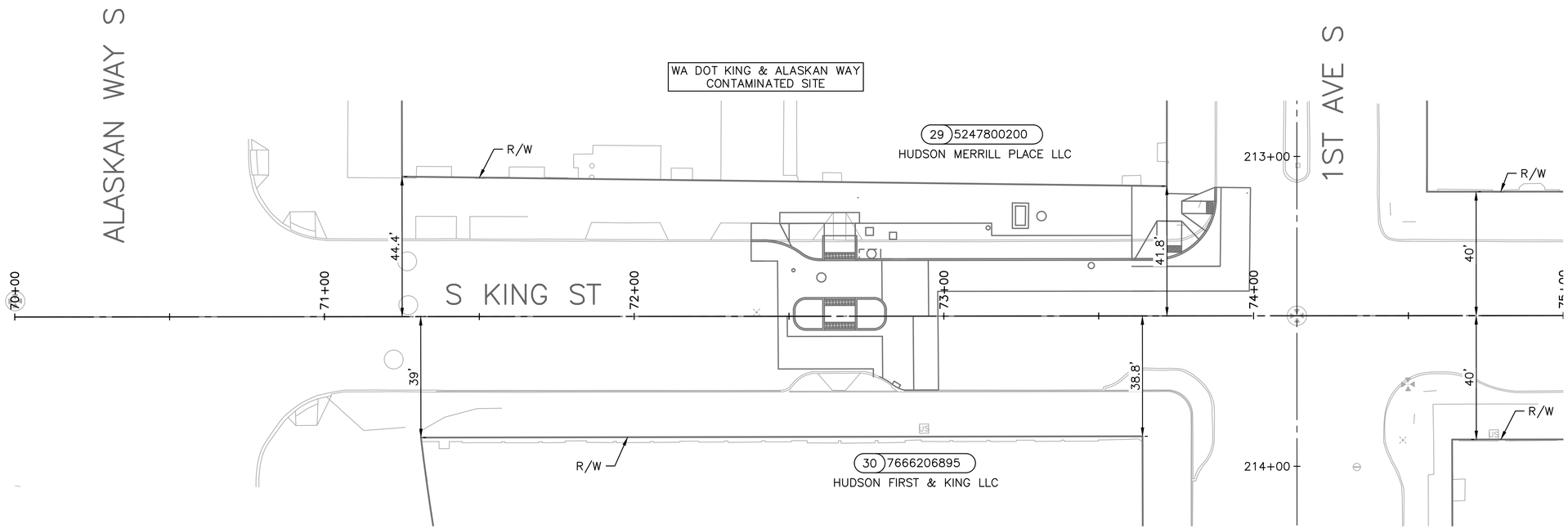

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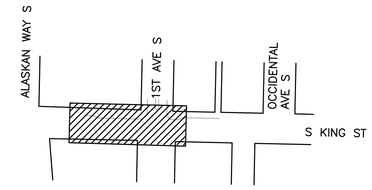
PROJECT PARCEL NUMBER	TAX PARCEL NUMBER	DRAWING NUMBER	PARCEL ADDRESS	OWNERSHIP (TAXPAYER)	OWNERSHIP TOTAL AREA (SF)	FEE (SF)	COMPENSABLE TEMPORARY CONSTRUCTION EASEMENT (SF)	MUTUAL BENEFIT TEMPORARY CONSTRUCTION EASEMENT (SF)	TOTAL TEMPORARY CONSTRUCTION EASEMENT (SF)	REMAINDER (SF)
29	5247800200	RW07	411 1ST AVE S	HUDSON MERRILL PLACE LLC	24,378	0	0	0	0	24,378
30	7666206895	RW07	83 S KING ST	HUDSON FIRST & KING LLC	26,780	0	0	0	0	26,780



S KING ST – RIGHT OF WAY

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FINAL CIRCULATION (100%)

NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 3843 | MARK | DATE

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INITIALS AND DATE		
DESIGNED	AES/JESL/RL	6/3/2022
CHECKED	JMD	6/3/2022
DRAWN	JR	6/3/2022
CHECKED	JMD	6/3/2022

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE		
REVIEWED:		
DES.		CONST.
SDOT		PROJ. MGR.

RECEIVED
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VANESSA MARIE DOMINGO — STATE OF WASHINGTON — 18151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021–061
SCALE: H. 1"=20'

PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449–S0100 CO
VPI # 792–293
RW07
SHEET 15 OF 198

X:\Seattle, City of\Projects\20180111 – Pioneer Square E – W Ped Improvements\CADD\Plan Sheets\PSEWS_P–KING RW.dwg
Jun–06–22 9:29am

DEMOLITION NOTES

1. NOT USED
2. SAWCUT RIGID PAVEMENT, FULL DEPTH
3. SAWCUT CEMENT CONCRETE SIDEWALK, FULL DEPTH
4. REMOVE EXISTING CB
5. REMOVE EXISTING INLET
6. ANTICIPATED INLET PROTECTION. SEE DEMOLITION NOTES 12 AND 13.
7. NOT USED
8. ABANDON AND FILL PIPE
9. PROTECT EXISTING TREE
10. PROTECT EXISTING UTILITY POLE
11. PROTECT EXISTING RAILING
12. PROTECT EXISTING FENCE AND GATE
13. REMOVE BOLLARD
14. REMOVE AND SALVAGE BIKE RACK
15. REMOVE CURB, GRANITE WITH SALVAGE, SEE NOTE 5
16. NOT USED
17. SIDEWALK DEMOLITION ADJACENT TO AREAWAY, SEE SPECIAL PROVISION SECTION 2–02.

DEMOLITION LEGEND

- REMOVE PAVEMENT (FULL DEPTH)
- REMOVE PAVEMENT TO REMOVE ASPHALT OVERLAY BASE
- REMOVE PAVEMENT, OVER 14" DEPTH
- REMOVE PAVEMENT, OVER 14" DEPTH, INCLUDING BRICK WITH SALVAGE
- REMOVE BRICK OR COBBLESTONE WITH SALVAGE TO BASE
- REMOVE BRICK SIDEWALK WITH SALVAGE
- REMOVE PAVEMENT, INCLUDING BRICK WITH SALVAGE
- SURFACE PREP, PLANE BITUMINOUS PAVEMENT, 2 IN OR TO BASE, WHICHEVER IS LESS
- REMOVE CEM CONC SIDEWALK
- SAWCUT
- REMOVE PAVEMENT ABOVE WATER MAIN
- SIDEWALK REMOVAL OVER AREAWAY, PER ST SHEETS
- REMOVE PAVEMENT INCLUDING RAILS AND TIES
- EXISTING UNDERGROUND AREAWAY LIMITS
- ABANDON AND FILL PIPE
- PROTECT TREE, SEE DRAWING CDNO2

DEMOLITION NOTES

1. THE DEMOLITION NOTES ARE PROVIDED TO ASSIST IN IDENTIFYING UTILITIES AND SURFACE IMPROVEMENTS TO BE REMOVED OR PROTECTED. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OR REMOVAL OF ALL EXISTING INFRASTRUCTURE NECESSARY TO COMPLETE IMPROVEMENTS AS SHOWN ON THE PLANS AND AS REQUIRED BY CONSTRUCTION SEQUENCING.
2. PAY STATIONS, TRASH RECEPTACLES, BIKE RACKS, PARKING SIGNS AND POST SHALL BE SALVAGED AND RETURNED TO THE CITY OF SEATTLE FOR REUSE. SALVAGE AND RETURN SHALL BE INCIDENTAL TO OTHER BID ITEMS UNLESS A SPECIFIC BID ITEM IS PROVIDED ON THE BID FORM.
3. REMOVAL OF TYPE 164 INLET THAT IS WITHIN THE REMOVAL OF CONCRETE PAVEMENT IS INCIDENTAL TO "REMOVE PAVEMENT" PER SECTION 2–02.5.
4. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY SEDIMENTATION COLLECTION FACILITIES TO ENSURE THAT SEDIMENT–LADEN WATER DOES NOT ENTER THE NATURAL OR PUBLIC DRAINAGE SYSTEM, SEE SECTIONS 1–07.15 AND 8–01.
5. PROTECT EXISTING GRANITE CURB UNLESS INDICATED OTHERWISE. ALL GRANITE CURB IDENTIFIED FOR REMOVAL SHALL BE SALVAGED FOR REINSTALLATION WITHIN PROJECT OR DELIVERED TO SDOT MATERIAL YARD IF NOT REUSED WITHIN PROJECT.
6. CONTRACTOR SHALL PROTECT AND PRESERVE TREES NOT DESIGNATED FOR REMOVAL LOCATED ALONG THE PROJECT. FOR TREES TO BE PROTECTED, SEE STD PLAN NO. 132a AND 133.
7. EXISTING PAVEMENT DEPTHS VARY THROUGHOUT PROJECT LIMITS. LIMITED EXISTING PAVEMENT DEPTH DATA IS PROVIDED WITH ASBUILT INFORMATION.
8. UTILITY LOCATIONS SHOWN ON DRAWINGS ARE APPROXIMATE. EXPECT SERVICE LINES FOR ALL UTILITIES TO ALL BUILDINGS AND PROPERTIES.
9. COORDINATE UTILITY DEMOLITION WITH SEATTLE PUBLIC UTILITIES, SEATTLE CITY LIGHT, SEATTLE FIRE DEPARTMENT. FRANCHISE UTILITY PROVIDERS, OTHER PUBLIC AGENCIES AND CONSTRUCTION PHASING.
10. FOR STRUCTURES TO BE ABANDONED IN PLACE. REMOVE TO A MINIMUM DEPTH OF FOUR FEET BELOW PROPOSED FINISHED GRADE. BREAK OUT BOTTOM OF ABANDONED STRUCTURES. FILL ABANDONED STRUCTURES WITH STRUCTURAL FILL AND COMPACT. FILL ABANDONED CONVEYANCE LINES IN ACCORDANCE WITH CONSTRUCTION NOTES.
11. THE CONTRACTOR SHALL PREPARE A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR CONSTRUCTION ACTIVITIES PER WASHINGTON DEPARTMENT OF ECOLOGY REQUIREMENTS. SWPPP TO BE KEPT ON THE CONSTRUCTION SITE AT ALL TIMES.
12. THE CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN MUST COMPLY WITH SPECIFICATIONS SECTIONS 1–05.13, 1–07.5, 1–07.15, AND 8–01.
13. PLEASE CONTACT SDOT KELLY HALL AT 206–684–5370 AT LEAST 10 BUSINESS DAYS BEFORE REMOVAL OF PARKING SIGNS AND PAY STATIONS. PAY STATIONS AND PARKING SIGNS MUST BE REMOVED BY SDOT CURB SPACE MANAGEMENT ONLY.
14. SEE SPECIAL PROVISIONS FOR PROTECTION OF ELEMENTS IN AREAWAY.
15. CONTRACTOR MUST KEEP EQUIPMENT 10' CLEAR OF OVERHEAD TROLLEY WIRE.
16. SEE CIVIL UTILITY PLANS FOR VALVE, MH, CB AND VAULT ADJUSTMENTS.
17. ALL BIKE RACKS IDENTIFIED FOR REMOVAL SHALL BE SALVAGED FOR REINSTALLATION WITHIN PROJECT.
18. EXISTING CAST IRON WATERMAINS AND BLOCKINGS ARE LOCATED IN THE PROJECT AREA. CONTRACTOR SHALL APPLY MEANS AND METHODS TO PROTECT THE CAST IRON WATERMAINS AND BLOCKINGS DURING PAVEMENT REMOVAL. WHERE EXCAVATION IS WITHIN 1.5 VERTICAL FEET OF WATERMAIN, EXCAVATION SHALL BE BY HAND OR VACUUM. AVOID USING METHODS THAT INDUCE VIBRATIONS THAT MAY DAMAGE CAST IRON WATER MAINS AND BLOCKINGS. SEE SECTIONS 1–07.16 AND 1–07.17 FOR PROTECTION AND RESTORATION REQUIREMENTS. SEE SECTION 1–07.28 FOR NOTIFICATION REQUIREMENTS.

REV'D	CHK'D	MADE	NATURE REVISIONS

VAULT SERIAL NO.	DATE	MARK
3843		

X:\Seattle, City of\Projects\20180111 – Pioneer Square E – W Ped Improvements\CADD\Plan Sheets\PSEWS_P–DEMO NTS.dwg
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JANESSA MARIE D'AMATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021–061**
SCALE: NONE

PIONEER SQUARE
EAST–WEST STREETS

JOB PC **TRC0449–S0100** CO
VPI # 792–293
CDN01
SHEET 16 OF 198

EXISTING TREE SUMMARY

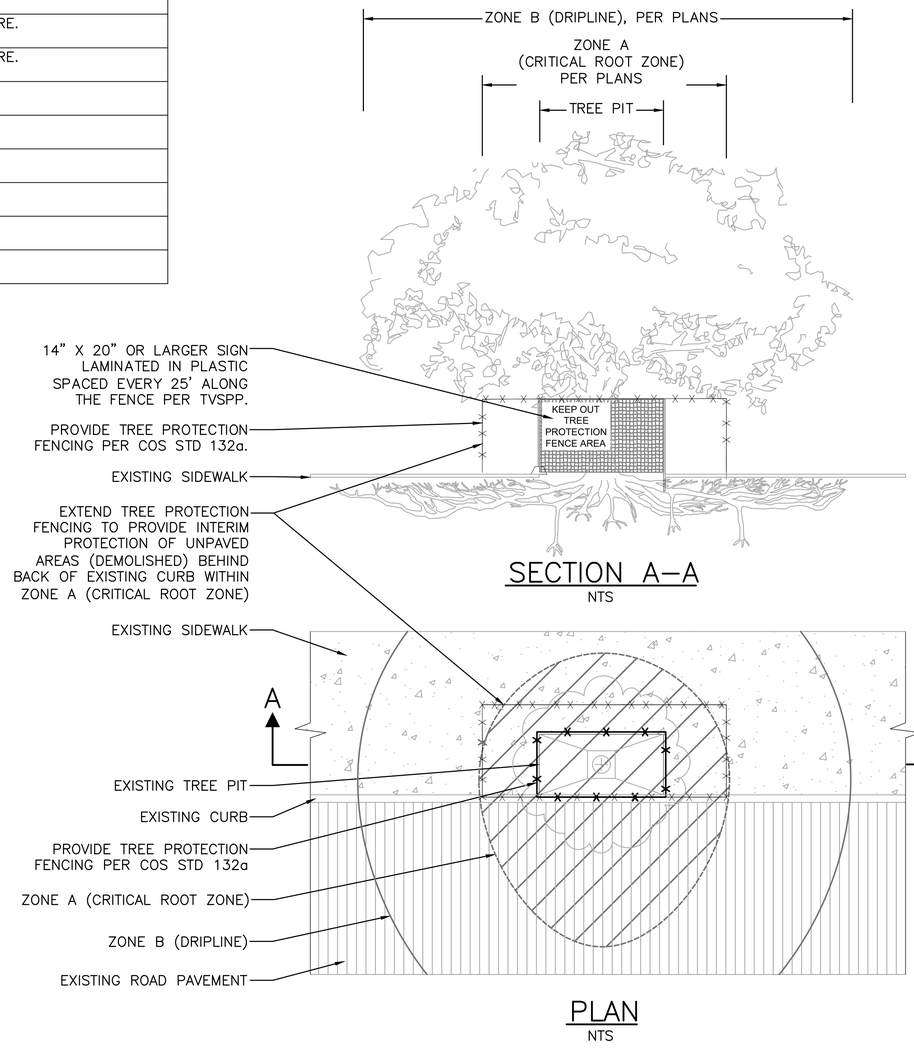
TREE #	TREE TYPE	DSH * (IN.)*	PRESERVE/ REMOVE TREE	LOCATION/ NOTES/ MITIGATION (REPLACEMENT SPECIES) (NIC)
YESLER WAY				
100	PLATANUS X ACERIFOLIA	20"	PRESERVE AND PROTECT	RIGHT-OF-WAY
101	PLATANUS X ACERIFOLIA	28"	PRESERVE AND PROTECT	RIGHT-OF-WAY
102	PLATANUS OCCIDENTALIS	26"	PRESERVE AND PROTECT	RIGHT-OF-WAY
103	PLATANUS X ACERIFOLIA	14"	PRESERVE AND PROTECT	RIGHT-OF-WAY
104	BETULA PENDULA	14"	PRESERVE AND PROTECT	RIGHT-OF-WAY
105	BETULA PENDULA	12"	PRESERVE AND PROTECT	RIGHT-OF-WAY
S WASHINGTON ST				
200	TILIA CORDATA 'GREENSPIRE'	12"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
201	TILIA CORDATA 'GREENSPIRE'	12"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
202	TILIA CORDATA 'GREENSPIRE'	12"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
203	TILIA X EUCHLORA	8"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
204	TILIA CORDATA 'GREENSPIRE'	16"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
205	TILIA CORDATA 'GREENSPIRE'	16"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
206	TILIA CORDATA 'GREENSPIRE'	14"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
207	TILIA CORDATA 'GREENSPIRE'	14"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
208	PLATANUS X ACERIFOLIA	30"	PRESERVE AND PROTECT	RIGHT-OF-WAY
209	PLATANUS X ACERIFOLIA	29"	PRESERVE AND PROTECT	RIGHT-OF-WAY. DIA PER SDOT STREET TREE INVENTORY.
210	PLATANUS X ACERIFOLIA	29"	PRESERVE AND PROTECT	RIGHT-OF-WAY. DIA PER SDOT STREET TREE INVENTORY.
211				PREVIOUSLY REMOVED AS PART OF MAIN CORRIDOR WORK.
212	TILIA CORDATA 'GREENSPIRE'	12"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
213	TILIA CORDATA 'GREENSPIRE'	12"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
214	TILIA CORDATA 'GREENSPIRE'	12"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
215	TILIA CORDATA 'GREENSPIRE'	12"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
216	TILIA CORDATA 'GREENSPIRE'	14"	PRESERVE AND PROTECT	RIGHT-OF-WAY. LIMB UP WITH CITY ARBORIST DIRECTION.
217	PLATANUS X ACERIFOLIA	20"	PRESERVE AND PROTECT	RIGHT-OF-WAY
218	DECIDUOUS	20"	PRESERVE AND PROTECT	OCCIDENTAL SQUARE. PARKS OWNS.
219	DECIDUOUS	28"	PRESERVE AND PROTECT	OCCIDENTAL SQUARE. PARKS OWNS.
220	DECIDUOUS	19"	PRESERVE AND PROTECT	OCCIDENTAL SQUARE. PARKS OWNS.
221	DECIDUOUS	21"	PRESERVE AND PROTECT	OCCIDENTAL SQUARE. PARKS OWNS.
222	DECIDUOUS	23"	PRESERVE AND PROTECT	OCCIDENTAL SQUARE. PARKS OWNS.
223	DECIDUOUS	23"	PRESERVE AND PROTECT	OCCIDENTAL SQUARE. PARKS OWNS.
224	PLATANUS X ACERIFOLIA	28"	PRESERVE AND PROTECT	OCCIDENTAL MALL. RIGHT-OF-WAY.
225	PLATANUS X ACERIFOLIA	28"	PRESERVE AND PROTECT	OCCIDENTAL MALL. RIGHT-OF-WAY.
226	PLATANUS X ACERIFOLIA	TBD	PRESERVE AND PROTECT	RIGHT-OF-WAY. PRIVATELY OWNED. NOT ON SURVEY.
227	PLATANUS X ACERIFOLIA	TBD	PRESERVE AND PROTECT	RIGHT-OF-WAY. PRIVATELY OWNED. NOT ON SURVEY.

TREE #	TREE TYPE	DSH * (IN.)*	PRESERVE/ REMOVE TREE	LOCATION/ NOTES/ MITIGATION (REPLACEMENT SPECIES) (NIC)
S MAIN ST				
300	PLATANUS X ACERIFOLIA	16"	PRESERVE AND PROTECT	RIGHT-OF-WAY
301	DECIDUOUS	27"	PRESERVE AND PROTECT	OCCIDENTAL SQUARE. PARKS OWNS.
302	DECIDUOUS	30"	PRESERVE AND PROTECT	OCCIDENTAL SQUARE. PARKS OWNS.
303	DECIDUOUS	30"	PRESERVE AND PROTECT	OCCIDENTAL SQUARE. PARKS OWNS.
304	DECIDUOUS	28"	PRESERVE AND PROTECT	OCCIDENTAL SQUARE. PARKS OWNS.
305	PLATANUS X ACERIFOLIA	28"	PRESERVE AND PROTECT	RIGHT-OF-WAY
306	PLATANUS X ACERIFOLIA	34"	PRESERVE AND PROTECT	RIGHT-OF-WAY
307	PLATANUS X ACERIFOLIA	18"	PRESERVE AND PROTECT	RIGHT-OF-WAY
308	PLATANUS X ACERIFOLIA	24"	PRESERVE AND PROTECT	RIGHT-OF-WAY
400	PLATANUS X ACERIFOLIA	30"	PRESERVE AND PROTECT	RIGHT-OF-WAY

* DSH – DIAMETER AT STANDARD HEIGHT IN INCHES

NOTES:

1. SEE SPECIFICATIONS FOR ADDITIONAL TREE PROTECTION REQUIREMENTS.
2. SEE SPECIFICATIONS FOR WATERING REQUIREMENTS.
3. TREE PRUNING TO BE PER ANSI A300 STANDARD. TREE PRUNING TO BE COORDINATED WITH AND APPROVED BY SDOT URBAN FORESTRY.
4. NO EQUIPMENT SHALL OPERATE BEHIND EXISTING BACK OF CURB INSIDE ZONE A (CRITICAL ROOT ZONE) OR ZONE B (DRIPLINE) INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
5. EQUIPMENT, TEMPORARY BUILDINGS OR STORAGE SHALL NOT OCCUR WITHIN 10 FEET OF TREE PROTECTION FENCE OR WITHIN SPECIFIED TREE PROTECTION ZONE.
6. DSH* – DIAMETER OF TRUNK AT STANDING HEIGHT.
7. ZONE B (DRIPLINE) PER PLANS.
8. ZONE A (CRITICAL ROOT ZONE) IS HALF THE DIMENSION OF ZONE B AS SHOWN ON PLANS.
9. TREE PROTECTION MEASURES MUST BE ADJUSTED FOR DIFFERENT PHASES OF WORK AS NOTED IN TVSPP. SEE SPECIFICATIONS. IMMEDIATELY AFTER REMOVAL OF PAVEMENT WITHIN ZONE A OF THE TREE PROTECTION ZONE, RELOCATE TREE PROTECTION AS SHOWN IN DETAIL 1 THIS SHEET.
10. SEE DETAIL 1/LPD22, SOIL PREPARATION AND PLANTING UNDER EXISTING TREES.



TREE PROTECTION AND PROTECTION FENCING DETAIL 1 VARIES

SCALE: NTS

EXISTING TREE PROTECTION AND SCHEDULE

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INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	AB, MW 6/3/2022	REVIEWED: DES.	CONST.
CHECKED	MD 6/3/2022	SDOT	PROJ. MGR.
DRAWN	AB, MW 6/3/2022	RECEIVED	
CHECKED	MD, AB 6/3/2022	REVISED AS BUILT	

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 14428 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

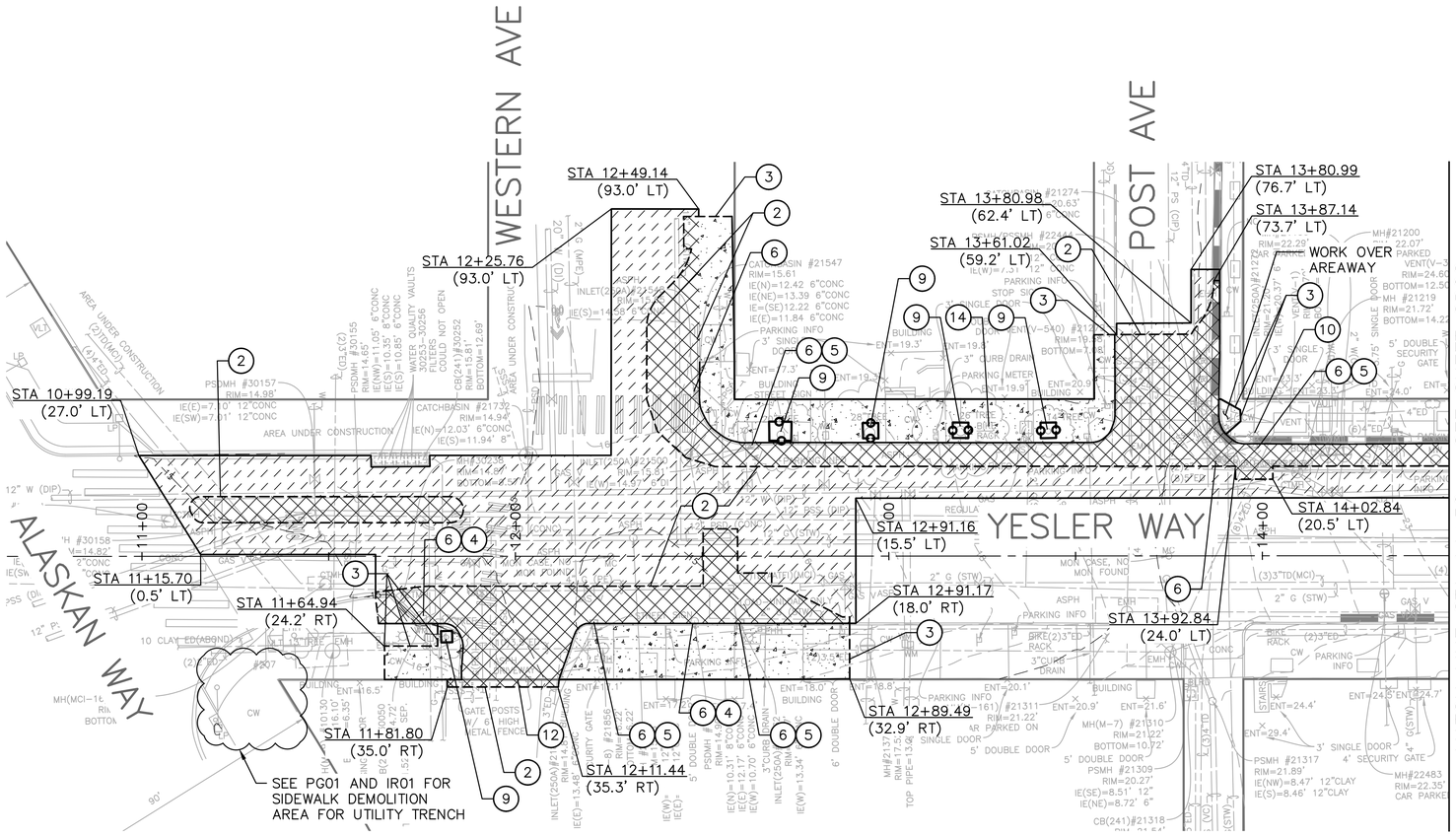
JOB PC JOB PC
CO JOB CO
VPI # 792-293
CDN02
SHEET 17 OF 198

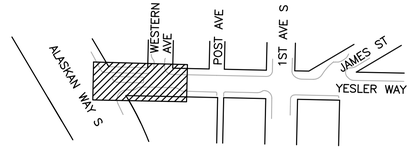
VAULT SEQN. NO. 38413	NATURE OF REVISIONS	DATE	MARK

Z:\Shared\Seattle – Pioneer\1_Projects\151005\151149 Pioneer Square East West Streets\CAD\Current\022 CDN02.dwg
Jun-09-22 11:58am

NOTE:

1. NOTIFY SDOT AT LEAST 10 BUSINESS DAYS BEFORE REMOVAL OF PAY STATIONS AND PARKING SIGNS. PAY STATIONS AND PARKING SIGNS MUST BE REMOVED BY SDOT CURB SPACE MANAGEMENT ONLY.





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YESLER – SITE PREPARATION AND DISPOSITION PLAN

MARK	NATURE REVISIONS	DATE	MADE CHK'D REV'D

VAULT SERIAL NO. 3843

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JAMES MARIE DONATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation

ORDINANCE NO. PW NO. 2021-061

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PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449-S0100 CO

VPI # 792-293

CD01

SHEET 18 OF 198

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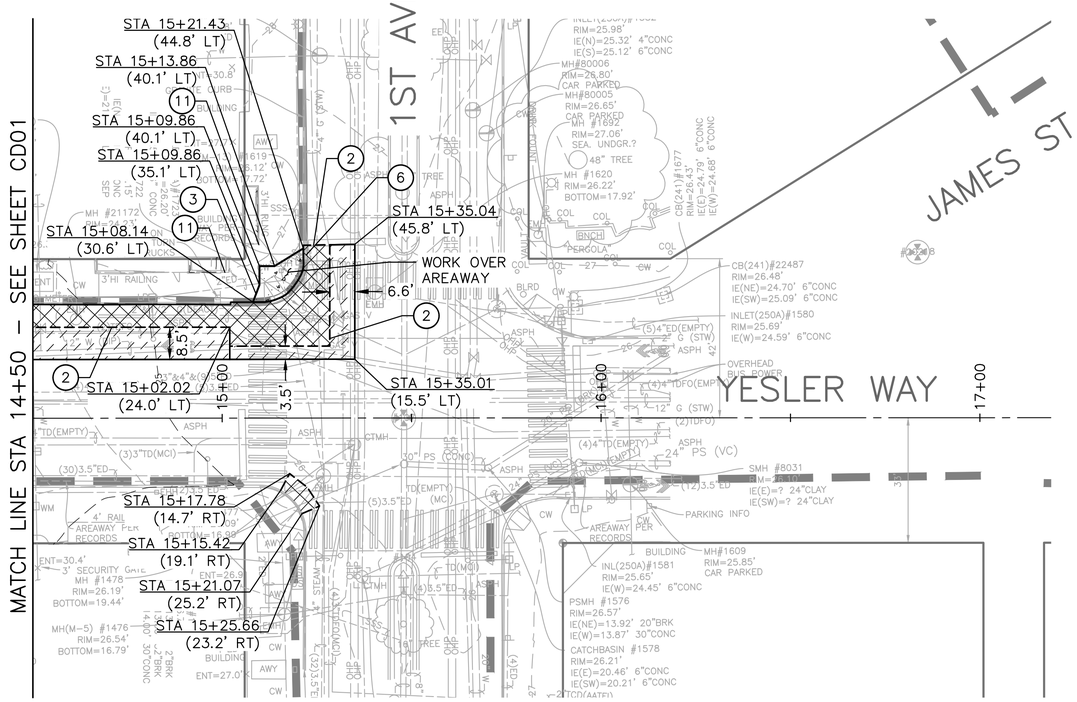

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YESLER – SITE PREPARATION AND DISPOSITION PLAN

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JANESSA MARIE LARSON
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
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PIONEER SQUARE
EAST–WEST STREETS

JOB	PC	TRC0449-S0100
	CO	
VPI #		792-293
		CD02
SHEET		19 OF 198

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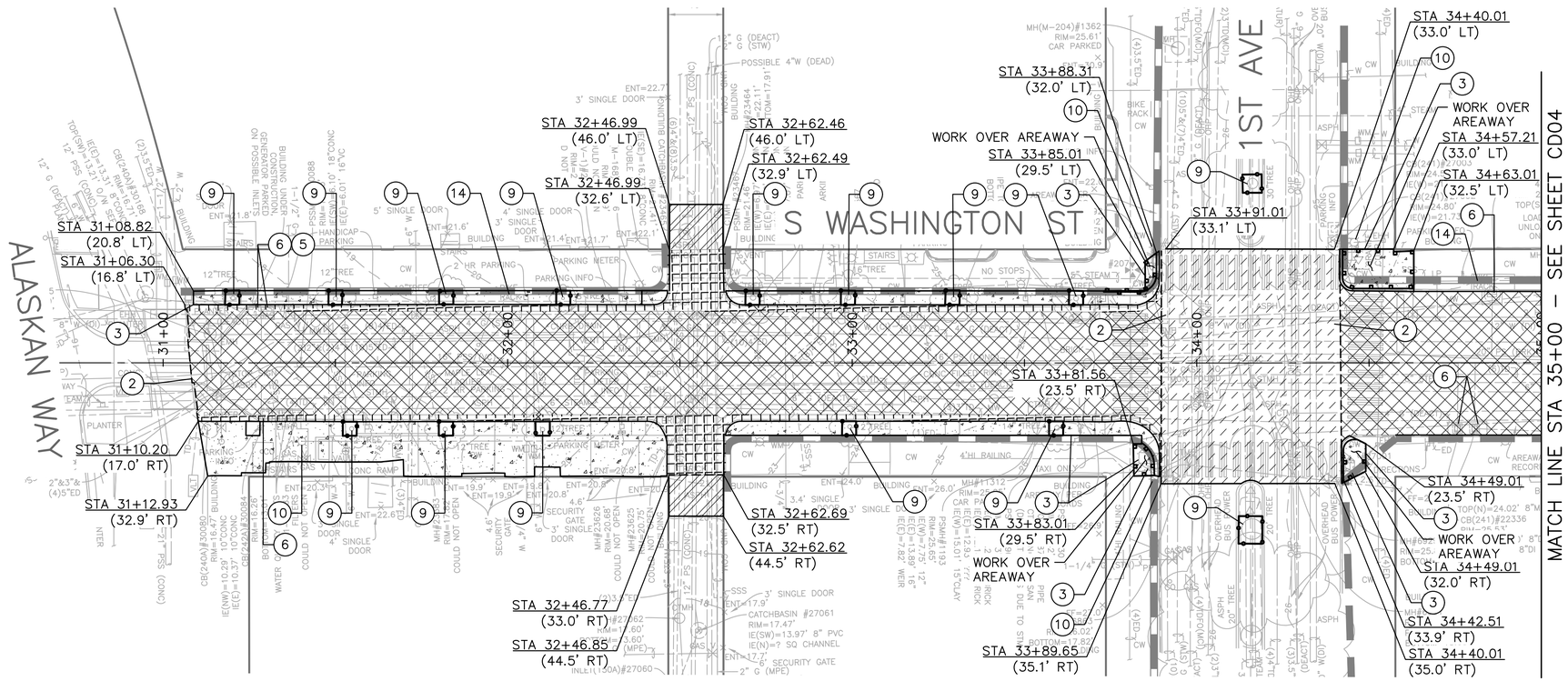
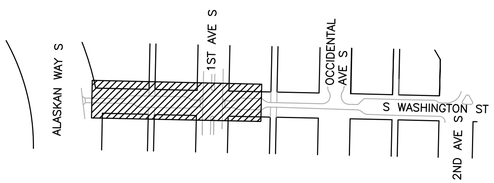
NOTE:

1. NOTIFY SDOT AT LEAST 10 BUSINESS DAYS BEFORE REMOVAL OF PAY STATIONS AND PARKING SIGNS. PAY STATIONS AND PARKING SIGNS MUST BE REMOVED BY SDOT CURB SPACE MANAGEMENT ONLY.
2. REMOVE PAINT ON ALL EXISTING CURBS TO REMAIN.





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S WASHINGTON STREET – SITE PREPARATION AND DISPOSITION PLAN

FINAL CIRCULATION (100%)

MARK	DATE	NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 3843

MIG
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SEATTLE, WA 98104
206.436.0515 | 800.615.9900
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INITIALS AND DATE		
DESIGNED	AES/JESL/RL	6/3/2022
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DRAWN	JR	6/3/2022
CHECKED	JMD	6/3/2022

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE	
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DES.	CONST.
SDOT	PROJ. MGR.
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REVISED AS BUILT	

JANESSA MARIE DAMATO
STATE OF WASHINGTON
48151
REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021-061**
SCALE: H. 1"=20', V. 1"=10'

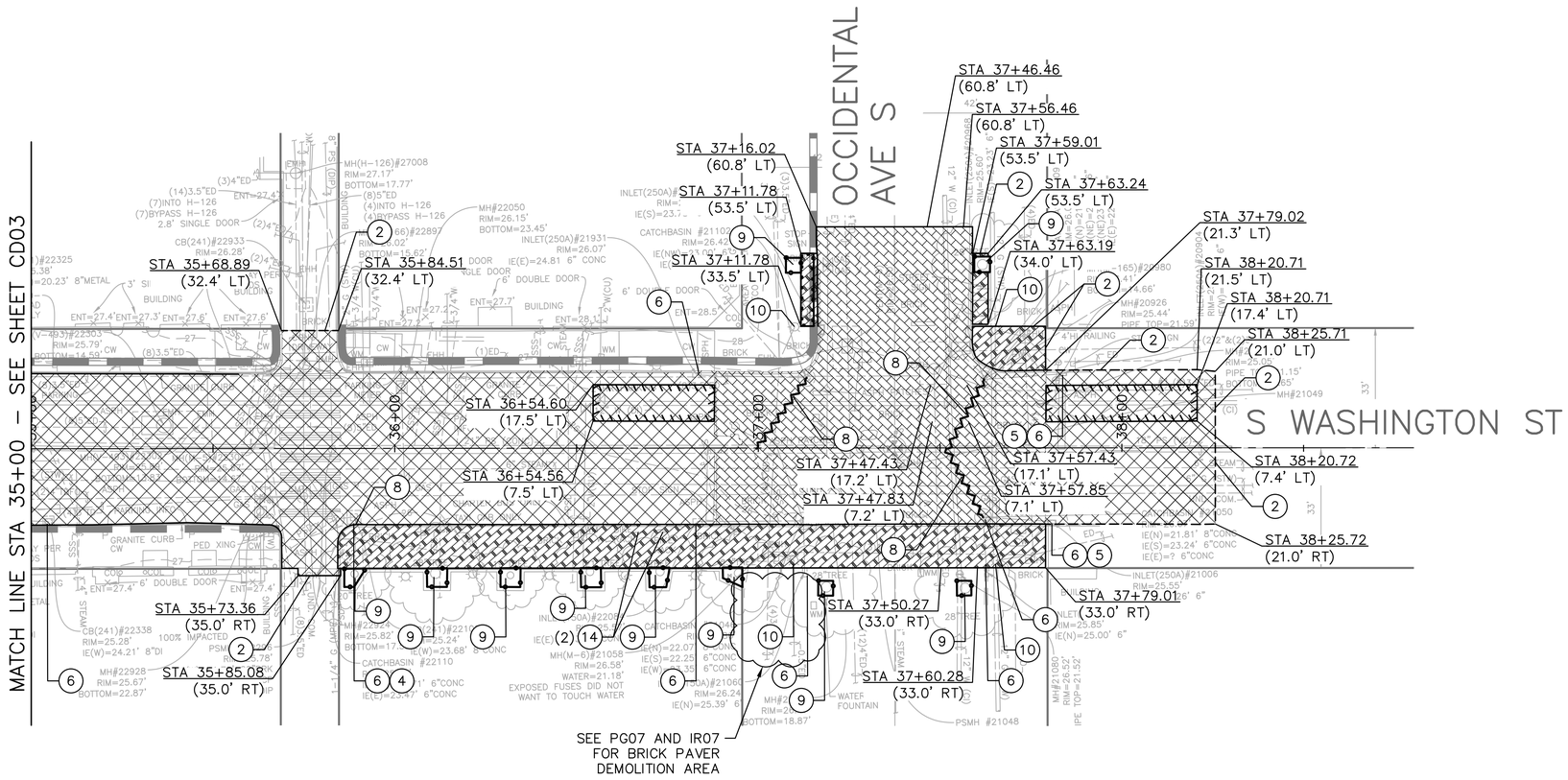
PIONEER SQUARE EAST–WEST STREETS

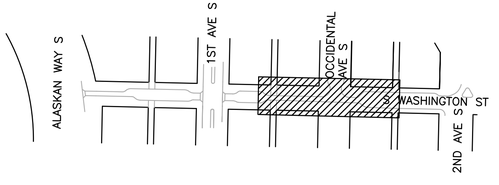
JOB PC **TRC0449-S0100** CO
VPI # 792-293
CD03
SHEET 20 OF 198

X:\Seattle, City of\Projects\20180111 - Pioneer Square E - W Ped Improvements\CADD\Plan Sheets\PSEWS_P-WASHINGTON DEMO.dwg
Jun-06-22 9:32am

NOTE:

1. NOTIFY SPR URBAN FORESTRY PRIOR TO DISTURBING OR CUTTING ANY ROOTS 2" DIAMETER OR LARGER DURING DEMOLITION OF SIDEWALK AND CURB AT NORTH END OF OCCIDENTAL PARK.
2. NOTIFY SDOT AT LEAST 10 BUSINESS DAYS BEFORE REMOVAL OF PAY STATIONS AND PARKING SIGNS. PAY STATIONS AND PARKING SIGNS MUST BE REMOVED BY SDOT CURB SPACE MANAGEMENT ONLY.
3. REMOVE PAINT ON ALL EXISTING CURBS TO REMAIN.





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S WASHINGTON STREET – SITE PREPARATION AND DISPOSITION PLAN

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JANESSA MARIE DAMATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021–061**
SCALE: H. 1"=20', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB	PC **TRC0449–S0100**
	CO
VPI #	792–293
	CD04
SHEET	21 OF 198

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38413						

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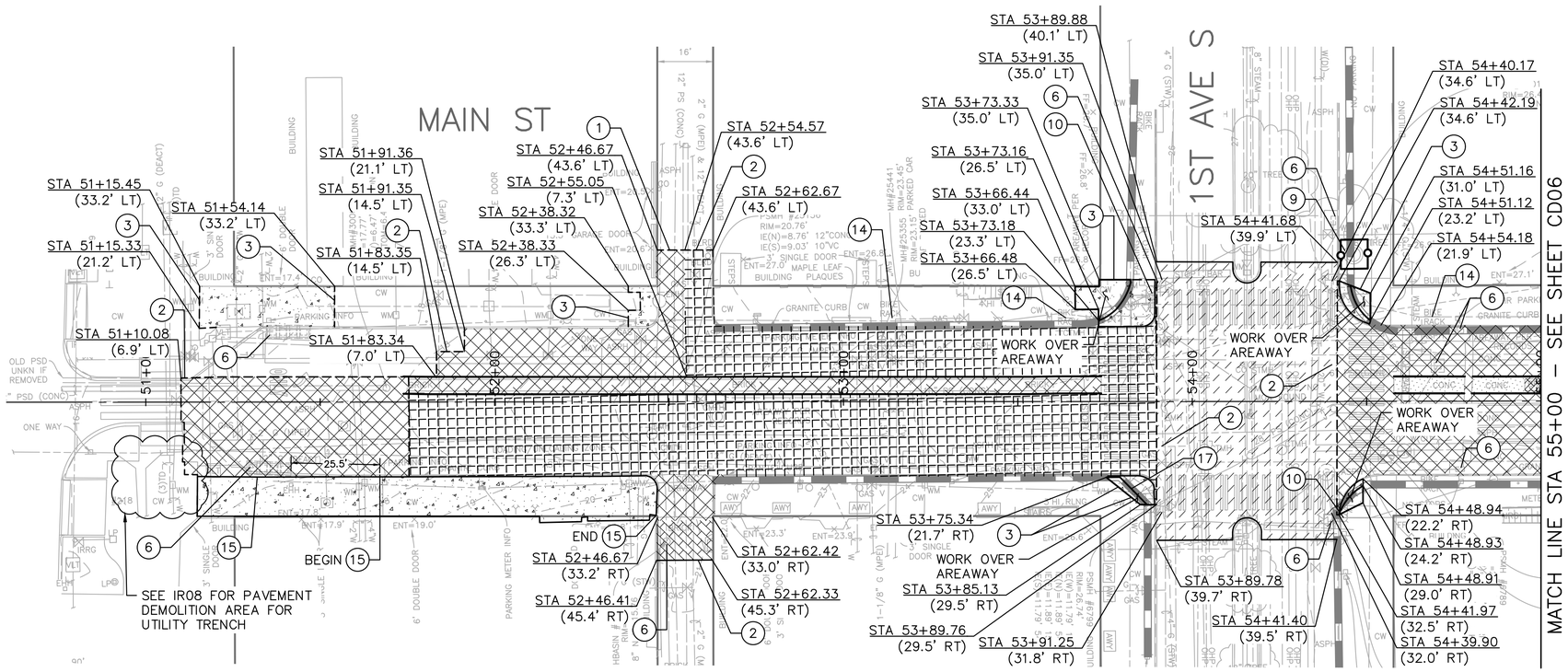

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VAULT SERIAL NO. 38413

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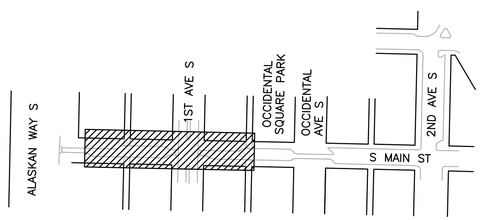

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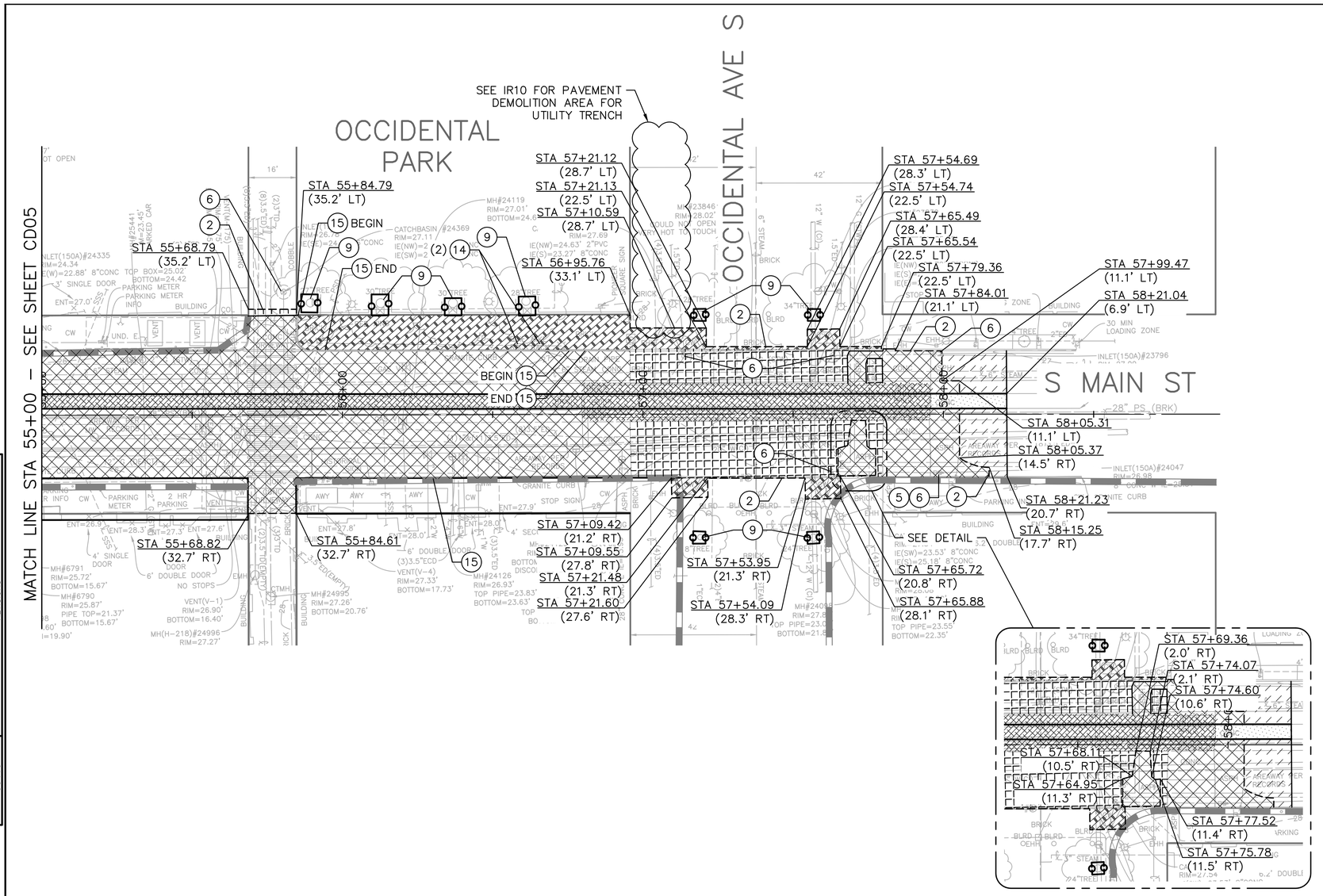
JANESSA MARIE MATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021-061
SCALE: H. 1"=20', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449-S0100 CO
VPI # 792-293
CD05
SHEET 22 OF 198



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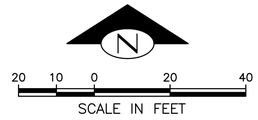

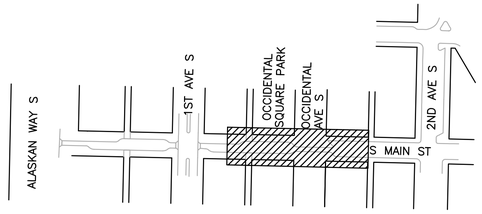

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S MAIN ST – SITE PREPARATION AND DISPOSITION PLAN

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VAULT	SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
	3813						

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JANESSA MARIE DAVIDSON
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021-061

SCALE: H. 1"=20', V. 1"=10'

PIONEER SQUARE
EAST–WEST STREETS

JOB	PC	TRC0449-S0100
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VPI #		792-293
		CD06
SHEET		23 OF 198

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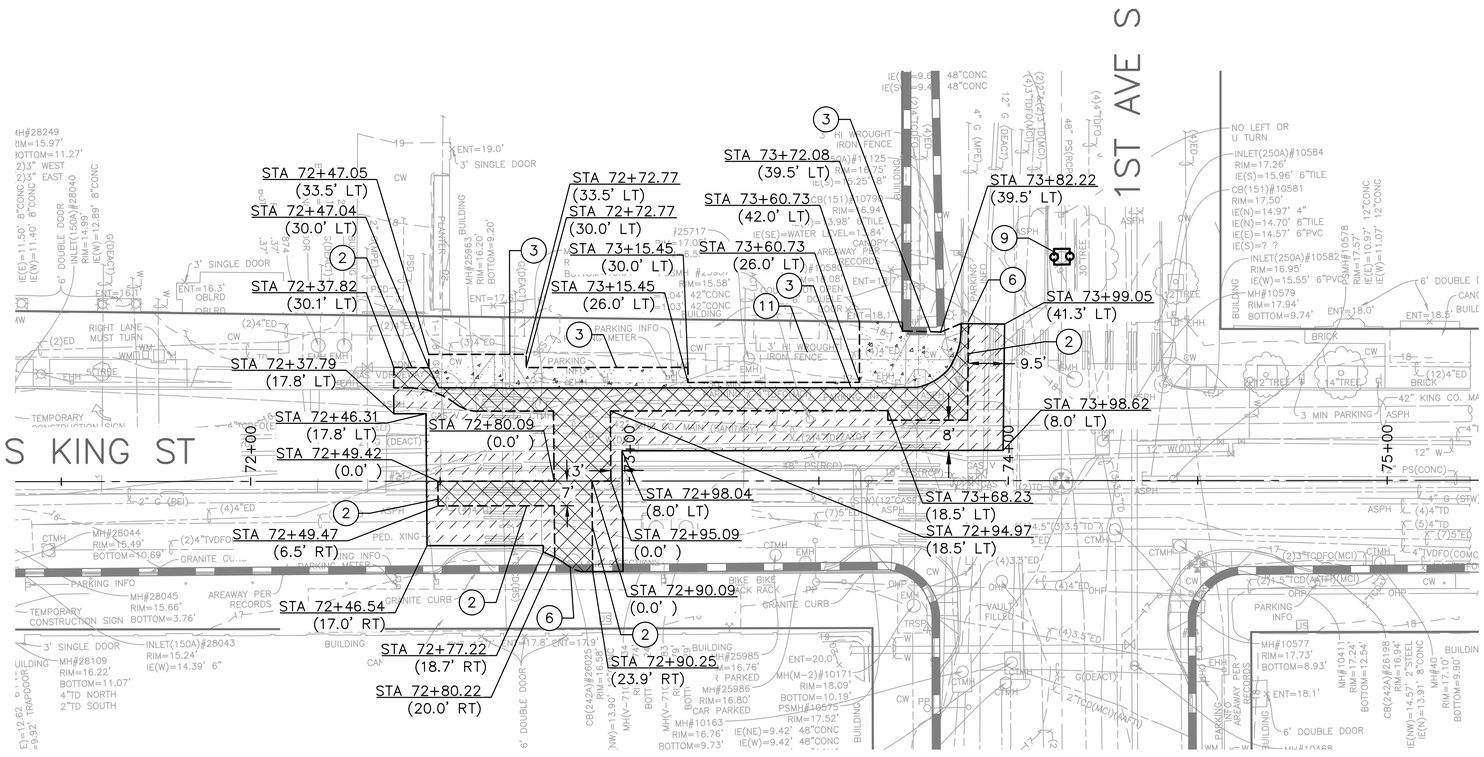

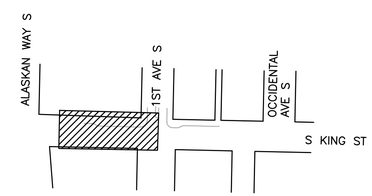

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S KING STREET – SITE PREPARATION AND DISPOSITION PLAN

FINAL CIRCULATION (100%)

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38413						

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JANESSA MARIE DATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021-061**
SCALE: H. 1"=20', V. 1"=10'

PIONEER SQUARE
EAST–WEST STREETS

JOB PC **TRC0449-S0100** CO
VPI # 792-293
CD07
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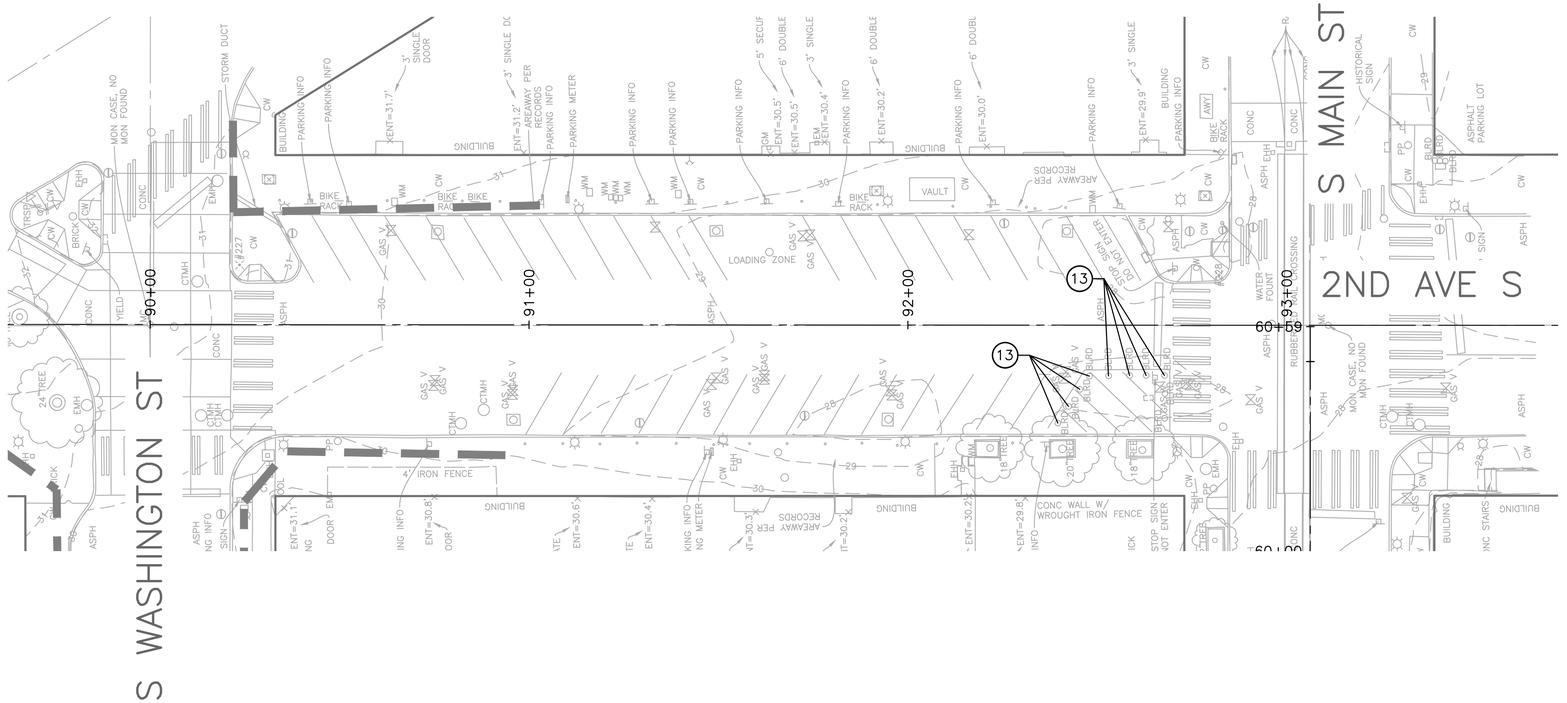

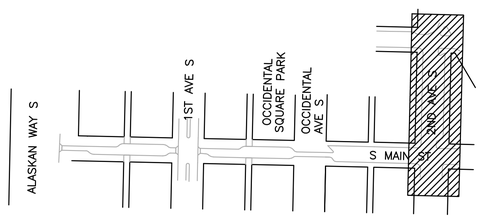

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SECOND AVE S – SITE PREPARATION AND DISPOSITION PLAN

FINAL CIRCULATION (100%)

MARK	DATE	NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 38413

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SDOT	PROJ. MGR.
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JANESSA MARIE DRATO — STATE OF WASHINGTON — 18151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation

ORDINANCE NO. PW NO. **2021-061**

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PIONEER SQUARE EAST–WEST STREETS

JOB	PC TRC0449-S0100
	CO
VPI #	792-293
	CD08
SHEET	25 OF 198

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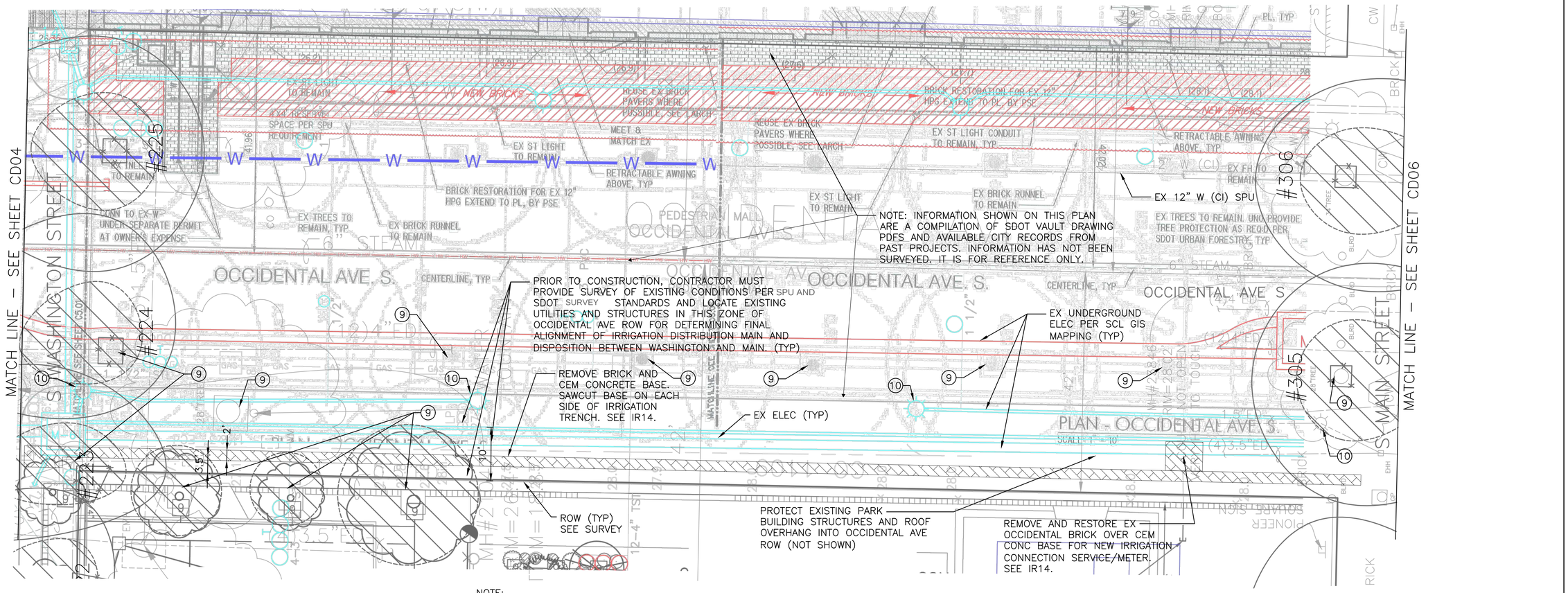

NOTE:
NOTIFY SPR URBAN FORESTRY AND SDOT URBAN FORESTRY PRIOR TO DISTURBING OR CUTTING ANY ROOTS 2" DIAMETER OR LARGER DURING DEMOLITION OF PAVEMENT IN OCCIDENTAL AVE.

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OCCIDENTAL AVE S – SITE PREPARATION AND DISPOSITION PLAN

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	SDOT PROJ. MGR.
DRAWN JZ 6/3/2022	RECEIVED
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KATHRYN M. GWILLIM
STATE OF WASHINGTON
36008
REGISTERED
PROFESSIONAL ENGINEER

Seattle Public Utilities
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB	PC JOB PC
	CO JOB CO
VPI #	792-293
	CD14
SHEET	26 OF 198

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GENERAL PROJECT PAVING AND GRADING NOTES

UNLESS OTHERWISE NOTED

1. FOR REQUIREMENTS ON ROADWAY AND SIDEWALK PAVEMENT TYPE, FINISH AND COLOR, SEE SPECIFICATIONS AND LEGEND. SEE PGDXX DRAWING SERIES AND PAVEMENT SECTIONS AND PAVING DETAILS.
2. SEE PAVEMENT MARKING AND SIGNAGE PLAN (PMXX SERIES) FOR SIGN AND POSTS (RELOCATION AND NEW).
3. SEE LPXX DRAWING SERIES FOR LANDSCAPE PLANS AND LANDSCAPE DETAILS, IRXX DRAWING SERIES FOR IRRIGATION PLANS AND DETAILS (INCLUDING BUT NOT LIMITED TO SLEEVES UNDER PAVEMENT) AND UDXX SERIES FOR SITE FURNISHINGS.
4. PAY STATIONS TO BE INSTALLED BY OTHERS (SDOT PARKING MANAGEMENT)
5. PAVED AND LANDSCAPE SURFACES SHALL BE INSTALLED TO MATCH ADJACENT EXISTING GRADES ALONG BUILDING FACES, DRIVEWAYS, AREAWAYS, AND EDGE CONDITIONS, UNLESS OTHERWISE IDENTIFIED.
6. WMA SURFACE COURSE TO BE CLASS 1/2", PG58H–22 FOR 10 MILLION ESAL'S. SEE SPEC 5–04
7. BASE REPAIR LIMITS WILL BE VERIFIED BY THE ENGINEER PRIOR TO SAWCUT AND REMOVAL OF EXISTING PAVEMENT.
8. SPOT ELEVATIONS WITH +/– DESIGNATE AN EXISTING CONDITION OR A LOCATION WHERE A PROPOSED ELEVATION MUST MATCH EXISTING.
9. ELEVATIONS AND SLOPES WITH THE SYMBOL * DESIGNATE ACCESSIBLE/BARRIER FREE GRADES. SLOPES SHALL NOT EXCEED SLOPES CALCULATED FROM ELEVATIONS AND LOCATIONS ON PLANS..
10. PROTECT ADJACENT PANELS AND EX PAVEMENT FROM DAMAGE DUE TO UNDERMINING DURING EXCAVATION AND PLACEMENT OF SUBGRADE. SEE SPEC SECTION 1–07.13.
11. FOR GRADING AT CURB RAMPS AND CURB RETURNS SEE CRXX DRAWING SERIES.
12. NOT USED.
13. NOT USED.
14. NOT USED.
15. DASHED LINES DEPICTING THE UPPER LANDING ON CURB RAMPS IS FOR REFERENCE ONLY FOR GRADING THE LANDING. THE DASHED LINES ARE NOT JOINTS. SEE NOTES IN STD PLANS 422 SERIES.
16. CONFIRM EXISTING ELEVATIONS WHERE MATCHING EXISTING GRADE PRIOR TO INSTALLING RAMP. IF EXISTING ELEVATIONS DIFFER FROM WHAT IS NOTED ON PLANS, NOTIFY ENGINEER FOR CLARIFICATION.
17. ADJUST ALL EXISTING ELECTRICAL/FRANCHISE VAULTS AND MH RIMS AND OTHER CASTINGS COVERS TO FINISH GRADE IN AREAS OF PAVING IMPROVEMENTS. SEE CU SHEET SERIES.
18. SEE PGD SHEET SERIES FOR PAVING AND GRADING DETAILS AND TRANSITIONS BETWEEN DIFFERENT PAVEMENT SECTIONS. SEE CPXX SHEET SERIES FOR JOINTING AND SCORING OF ROADWAY CEM CONC PAVEMENT AND BASE.
19. FOR BRICK/PAVER AND UTILITY ACCESS COVERS INTERFACE DETAILS SEE SHEETS PGD05–PGD12. FOR BRICK/PAVER AND URBAN FURNISHINGS INTERFACE DETAILS, SEE DETAILS ON UDD SHEET SERIES.
20. TREE PROTECTION MEASURES MUST BE MAINTAINED AND UPGRADED FOR DIFFERENT PHASES OF WORK AS NOTED IN TVSPP, SPECIFICATIONS AND DRAWING CDN02.
21. CEMENT CONCRETE MIXES USED FOR THIS PROJECT WILL HAVE THREE COLOR TYPES (NO COLOR ADDITIVE, LG COLOR ADDITIVE OR DG COLOR ADDITIVE). COLOR TYPE VARIES AND IS PER PLAN. PROVIDE PAVEMENT MOCK UPS PER SPECIFICATIONS FOR DG AND LG COLOR TYPES. PRIOR TO CONSTRUCTION, SUBMIT SHOP DRAWING PLAN OF EACH STREET DEPICTING EACH CEMENT CONCRETE MIX COLOR TYPE (DG COLOR, LG COLOR, NO COLOR) USED FOR PAVEMENT, CURB AND SIDEWALKS FOR ENGINEER AND LANDSCAPE ARCHITECT REVIEW.

ROADWAY NOTES (CITY OF SEATTLE)

UNLESS OTHERWISE NOTED

1. PAVEMENT, SIDEWALK, AND CURB REMOVALS MUST EXTEND TO EXISTING JOINT, TO LIMITS IDENTIFIED AS "SAWCUT" ON THE DRAWINGS, OR TO LIMITS DETERMINED BY THE ENGINEER. SEE SECTION 2–02.3.
2. ALL JOINTS AT MEET LINES OF NEW CONSTRUCTION AND EXISTING SURFACES MUST BE BUTT JOINTS. SEE SECTION 5–04.3(10)B.
3. PAVING AROUND INLETS AND CATCH BASINS MUST BE SLOPED TO ESTABLISH A DRAINAGE TRANSITION ZONE PER STANDARD PLAN 260A.
4. IF AN EXISTING CURB IS TO BE REMOVED AND REPLACED IN THE SAME LOCATION AND THE REPLACMENT IS NOT SHOWN IN THE PLANS THE CONTRACTOR MUST PROVIDE THE ENGINEER A PLAN WITH EXISTING FLOW LINE AND TOP OF CURB ELEVATIONS IDENTIFIED. CONTRACTOR TO STAKE THE LOCATION OF THE EXISTING CURB PRIOR TO DEMOLITION.
5. IF AN EXISTING WATER VALVE BOX REQUIRES ADJUSTMENT, IT MUST BE DONE BY EXCAVATING THE CASTING AND VERTICALLY ADJUSTING THE TOP SECTION OF THE VALVE BOX. THE FLANGE MUST BE CAST IN TO SURROUNDING PAVEMENT AS SHOWN ON STD PLAN 315. DO NOT USE RING EXTENSIONS.
6. CONTRACTOR MUST ADJUST CASTINGS IN ACCORDANCE WITH SECTION 7–20. CASTINGS MUST BE ADJUSTED TO FINISH GRADE PRIOR TO CONSTRUCTION OF FINAL SURFACE COURSE PER SECTION 5–04.3(9)B. WORN OR BROKEN CASTINGS TO BE REPLACED MUST BE REPLACED PRIOR TO INSTALLATION OF FINAL SURFACE.

CONSTRUCTION NOTES

1. INSTALL CURB, CEMENT CONCRETE, W/ 25% POZZOLANS, LG COLOR, STD PLAN 410C, ONTO EX OR NEW CEM CONC
2. INSTALL CURB AND GUTTER, CEMENT CONCRETE, W/ 25% POZZOLANS, STD PLAN 410B
3. INSTALL CONCRETE SHEAR BLOCK FOR FH AND GV PER STD PLAN 311a
4. RESET MONUMENT FRAME AND COVER, SEE SECTION 7–20.3
5. INSTALL FLUSH CURB, CEMENT CONCRETE, W/ 25% POZZOLANS, DG COLOR, STD PLAN 410C
6. INSTALL GRANITE CURB, SEE DETAIL 5 ON PGD04.
7. INSTALL COLD JOINTS FOR BLOCKOUT IN CEM CONC PAVEMENT WITH CHIEF SEATTLE BASE (CSB) AS A 3'X3' SQUARE PAD CENTERED ON THE CSB. THROUGH COLD JOINTS TO ALIGN WITH PAVEMENT SCORING AND CSB.
8. INSTALL CURB, CEMENT CONCRETE, W/25% POZZOLANS, DG COLOR, STD PLAN 410C
9. INSTALL SIDEWALK, CEMENT CONCRETE, LG COLOR, DEPTH PER STD PLAN 420
10. INSTALL SIDEWALK, CEMENT CONCRETE, LG COLOR, MODIFIED DEPTH 12", WITH SCORING PER STD PLAN 420. FOR WASHINGTON, SEE DETAIL 4 AND 5 ON PGD02 AND FOR MAIN SEE DETAIL 4 ON PGD03.
11. INSTALL OCCIDENTAL BRICK CONCRETE HEADER, LG COLOR, PER DETAIL 4 ON PGD02
12. INSTALL ALLEY CONCRETE HEADER, DG COLOR, PER DETAIL 4 ON PGD04
13. INSTALL CURB AND RESTORE PAVEMENT PER DETAIL 1 ON PGD01
14. NOT USED
15. INSTALL SIDEWALK, CEMENT CONCRETE, LG COLOR, MODIFIED DEPTH 6 ½", PER STD PLAN 420 AND DETAIL 6 ON PGD02
16. INSTALL DRIVEWAY, CEM CONC, HES (72 HR), 8IN, PER STD PLAN 430A
17. INSTALL PSQ DETECTABLE WARNING PLATE ONTO CEM CONC
18. INSTALL PSQ DETECTABLE GUIDANCE STRIP ONTO CEM CONC
19. MODIFY FACE OF CURB HORIZONTAL ALIGNMENT TO BACK OF UTILITY CASTING FRAME FOR CLEARANCE TO ACCESS OPENING. CONFIRM CURB ALIGNMENT WITH ENGINEER PRIOR TO PLACEMENT OF CEM CONC.
20. INSTALL ROADWAY CEMENT CONCRETE, HES (72 HR), 15", LG COLOR
21. INSTALL SIDEWALK WITH MONOLITHIC CURB, LG COLOR, PER STD PLAN 421

ABBREVIATIONS LEGEND

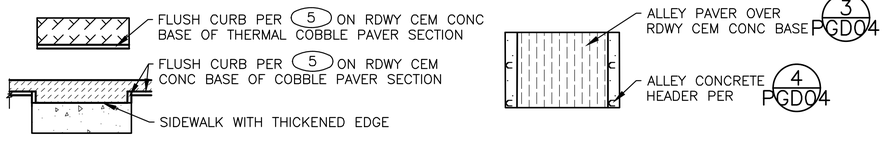
NOTE: FOR ADDITIONAL ABBREVIATIONS INFORMATION SEE COS STD PLANS (002 SERIES)

CRZ	CRITICAL ROOT ZONE OF TREE DEFINED IN STANDARD PLAN 133 AS ZONE A, WHICH IS 1/2 THE DRIPLINE. THE DRIPLINE IS ZONE B.
FL XXX.X	FLOW LINE ELEVATION AT FACE OF CURB/GUTTER OR AT DRAINAGE RUNNEL
PSQ	PIONEER SQUARE
TC XXX.XX	TOP OF CURB ELEVATION
MEF	MAXIMUM EXTENT FEASIBLE (SDOT TERM FOR ACCESSIBLE DESIGN)
UNO	UNLESS NOTED OTHERWISE
DG COLOR	COLOR ADDITIVE TYPE TO CEM CONC MIX FOR ROADWAY, SIDEWALKS AND CURB. COLOR VARIES. SEE SPECIFICATIONS AND PLANS FOR COLOR.
LG COLOR	COLOR ADDITIVE TYPE TO CEM CONC MIX FOR ROADWAY, SIDEWALKS AND CURB. COLOR VARIES. SEE SPECIFICATIONS AND PLANS FOR COLOR.

LEGEND

(SEE COS STANDARD PLAN 003 FOR CITY STANDARD SYMBOLS INDICATING EXISTING AND PROPOSED INFRASTRUCTURE)

- RIGHT OF WAY LINE
- PROTECT EXISTING AREAWAY AND STREET WALL. LOCATION OF WALL IS APPROXIMATE AND PER CITY GIS. AREAWAYS VOID EXTEND TO BUILDING FACE.
- CURB, CEMENT CONCRETE, TYPE 410C, COLOR TYPE VARIES, SEE NOTES
- GRADE BREAK
- 14"–402B PAV — 2" WMA CL 1/2" OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 12", TYPE 402B PER STD PLAN 402
- 12"–402B PAV — 2" WMA CL 1/2" OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", TYPE 402B PER STD PLAN 402
- WMA CL 1/2" OVER SURFACE PREPARATION, WMA DEPTH VARIES
- MEDIAN WITH COBBLE PAVER AND ROADWAY CEMENT CONCRETE BASE, HES (72 HR), DEPTH VARIES. COBBLE PAVER MEDIAN PER DETAIL 7 PGD04
- ROADWAY CEMENT CONCRETE, HES (72 HR), 15", LG COLOR, PER 6 PGD01 UNO
- ALLEY PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL AND ALLEY PAVING ENLARGEMENTS (PGD09 TO PGD12) 3 PGD04
- ROADWAY CEMENT CONCRETE, HES (72 HR), 15", DG COLOR, PER 6 PGD01
- SIDEWALK, CEMENT CONCRETE, LG COLOR, PER STD PLAN 420 UNO
- PSQ DETECTABLE WARNING PLATE. INSTALL INTO CEM CONC (DEPTH VARIES)
- COBBLE PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 2 PGD01
- COBBLE PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", WITH FLUSH CURB EDGE PER NOTE 5 AND DETAIL 3 PGD01
- THERMAL COBBLE PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 2 PGD01
- OCCIDENTAL BRICK W OVER NON–ROADWAY CEMENT CONCRETE BASE, 3 1/2", PER DETAIL 1 PGD02
- OCCIDENTAL BRICK W OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 2 PGD02
- OCCIDENTAL BRICK N OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 3 PGD02
- PSQ DETECTABLE GUIDANCE STRIP, PER DETAIL 6 PGD02
- 3–GLOBE LIGHT. SEE LT DRAWING SHEET SERIES.
- EXISTING TREE TO REMAIN AND PROTECTED
- TREE PROTECTION ZONE A, (CRITICAL ROOT ZONE)
- TREE PROTECTION ZONE B, (DRIPLINE) SEE DRAWING CDN02
- #206 — TREE NUMBER
- SEE URBAN DESIGN/FURNISHING PLANS (DRAWING UDN01) FOR LEGEND FOR WOOD PIERS, BOLLARDS, WOOD DECK, FENCING AND OTHER STREET FURNISHINGS.
- METAL CURB PLATE OVER UTILITY STRUCTURE. SEE CU SHEETS.
- STRUCTURAL SLAB OVER AREAWAY, SEE STRUCTURAL PLANS.



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	SDOT PROJ. MGR.
DRAWN JA, JZ 6/3/2022	RECEIVED
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KATHRYN M. GWILLIM — STATE OF WASHINGTON — 36805 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021–061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
PGN01
SHEET 27 OF 198

MARK	DATE	REVISIONS	MADE	CHK'D	REV'D

VAULT SPEAR NO. 38413

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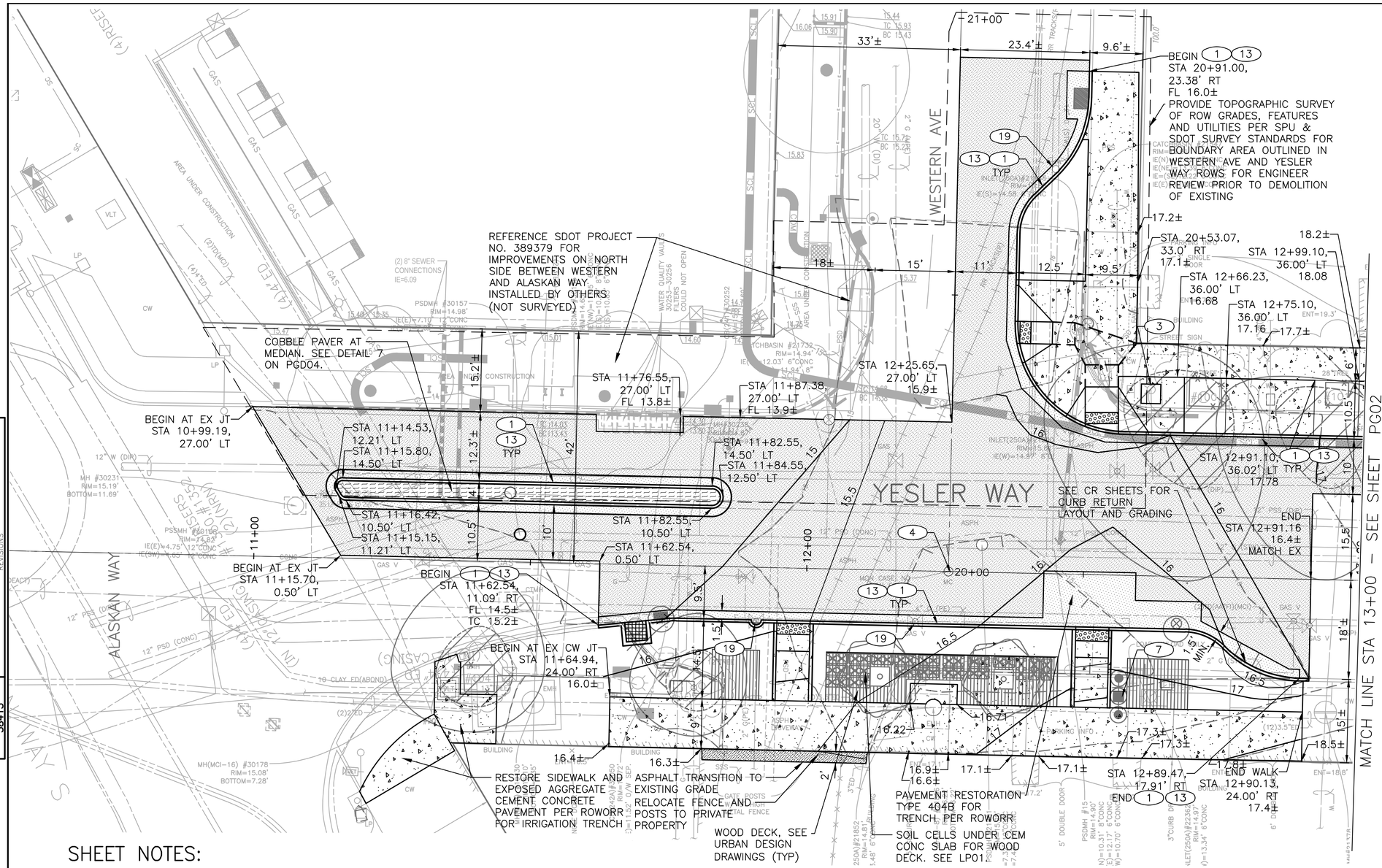

SHEET NOTES:

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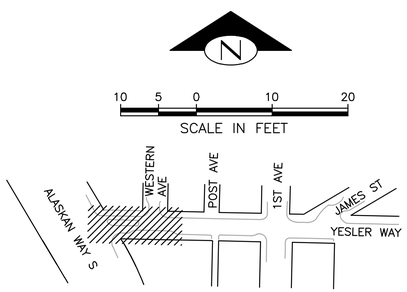

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PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
PG01
SHEET 28 OF 198

NATURE OF REVISIONS	MADE BY/CHK'D	DATE	MARK	REV'D

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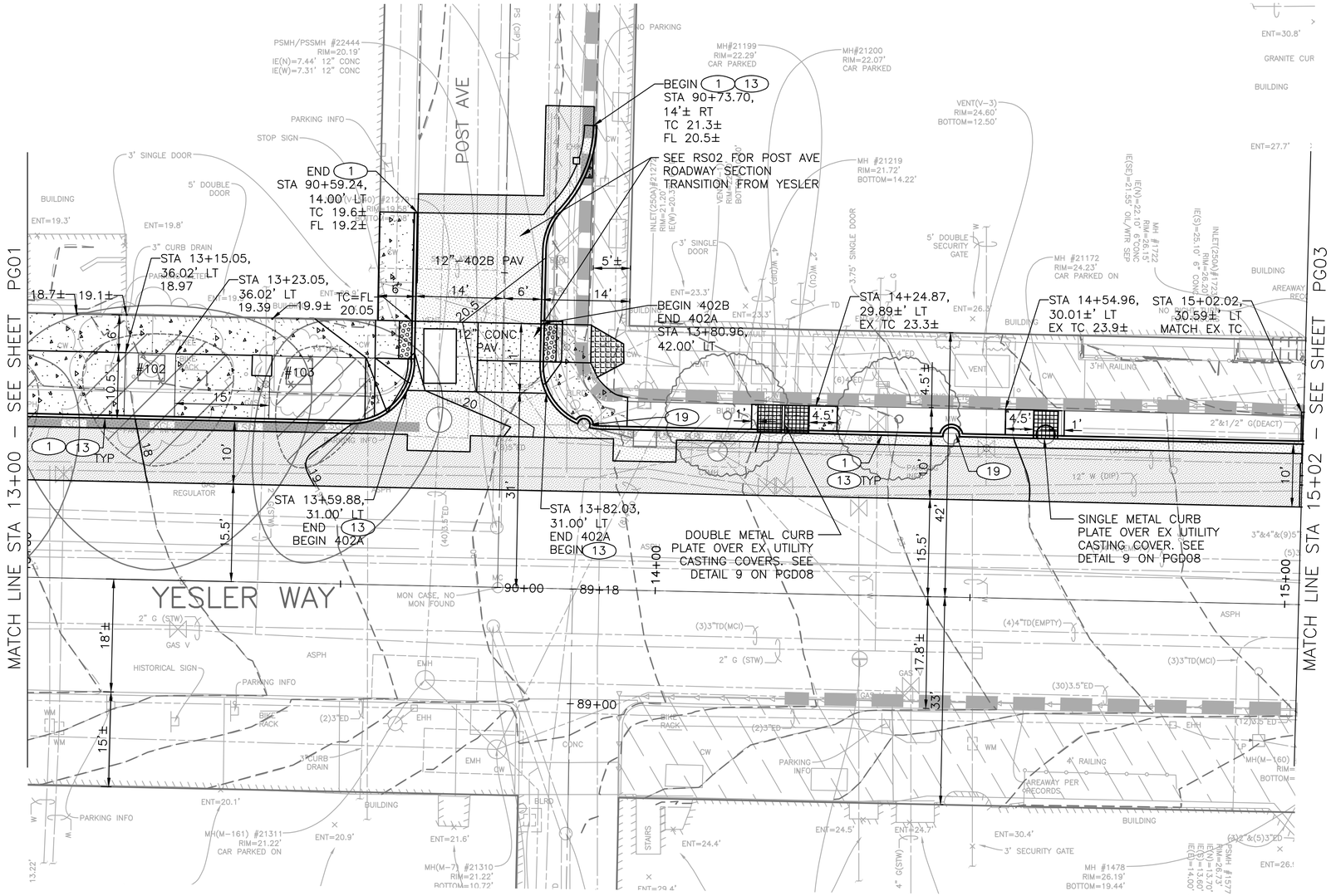

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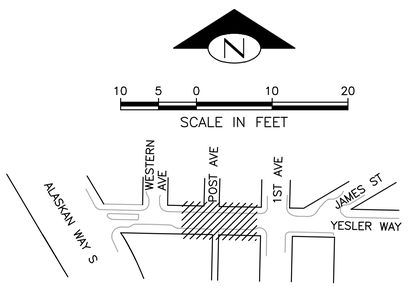

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PIONEER SQUARE EAST–WEST STREETS

JOB PC	JOB PC
JOB CO	JOB CO
VPI #	792–293
	PG02
SHEET	29 OF 198

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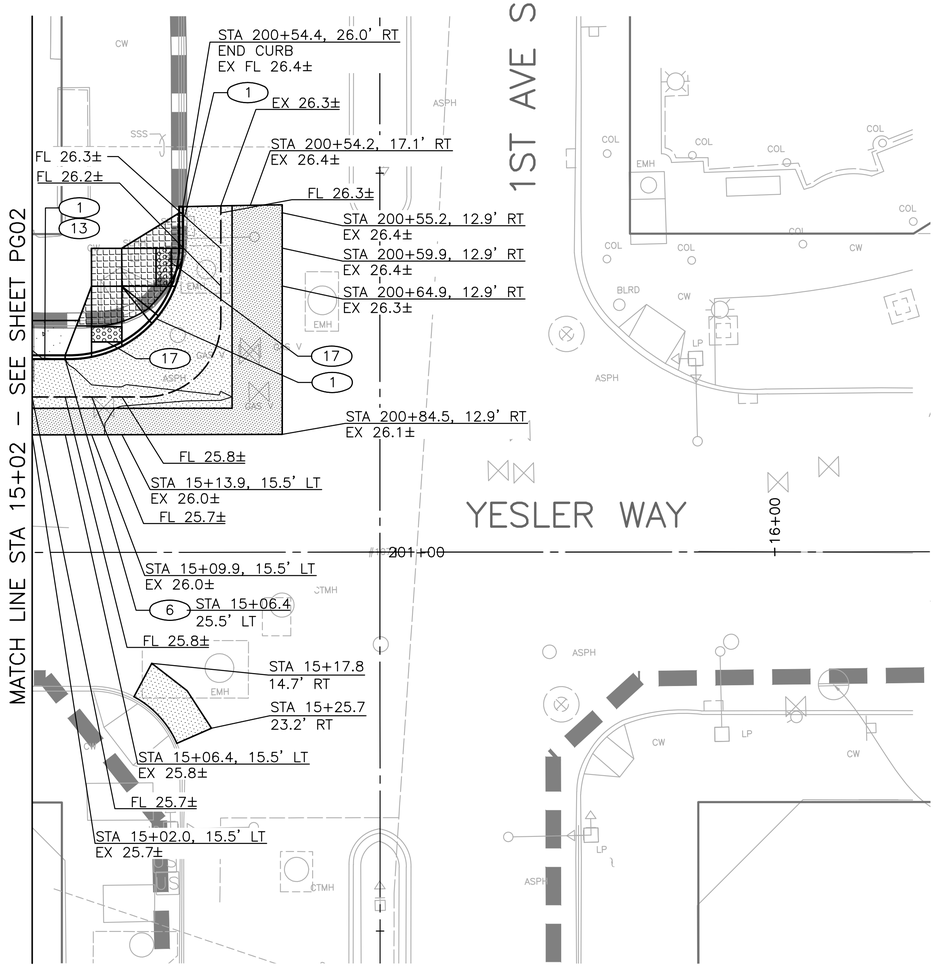

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5. CURB RAMP LANDING SHALL BE LG COLOR. CURB RAMP SHALL HAVE NO COLOR.

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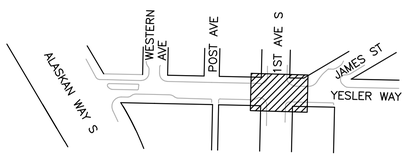

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JAMES S. MARIC DATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
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PIONEER SQUARE
EAST–WEST STREETS

JOB	PC TRC0449–S0100
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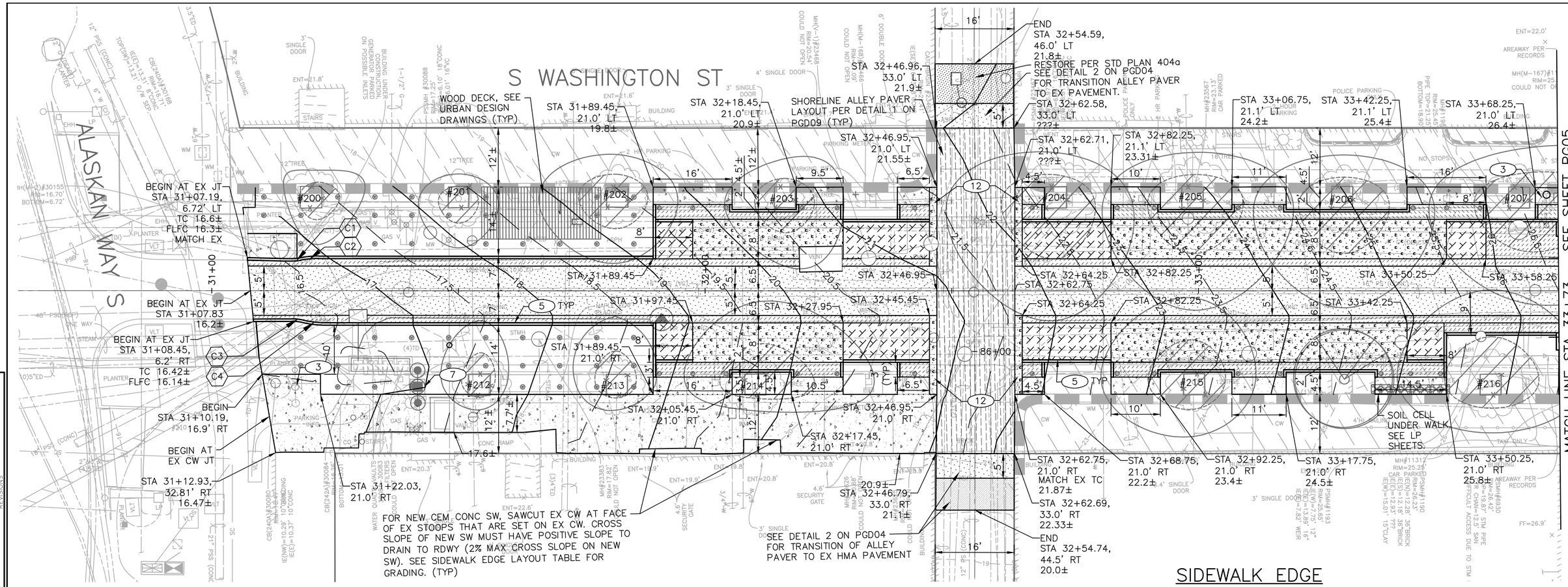
VPI #	792–293
	PG03
SHEET	30 OF 198



FOR NEW CEM CONC SW, SAWCUT EX CW AT FACE OF EX STOOPS THAT ARE SET ON EX CW. CROSS SLOPE OF NEW SW MUST HAVE POSITIVE SLOPE TO DRAIN TO RDWY (2% MAX CROSS SLOPE ON NEW SW). SEE SIDEWALK EDGE LAYOUT TABLE FOR GRADING. (TYP)

SEE DETAIL 2 ON PGD04 FOR TRANSITION OF ALLEY PAVER TO EX HMA PAVEMENT

SHEET NOTES:

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CURB RETURN TABLE

CX	POINT	STATION / OFFSET	ELEV	CURVE GEOMETRY	CX	POINT	STATION / OFFSET	ELEV	CURVE GEOMETRY
C1	PC STA	31+16.23, 6.01' LT	TC 16.80± FL 16.55	Δ=10°20'29" R=10' L=1.80'	C3	PC STA	31+16.23, 5.71' RT	TC 16.51± FL 16.26	Δ=13°09'38" R=10' L=2.30'
	PCC STA	31+18.03, 6.18' LT	TC 16.81 FL 16.64			PCC STA	31+18.51, 5.97' RT	TC 16.46 FL 16.30	
C2	PCC STA	31+18.03, 6.18' LT	TC 16.81 FL 16.64	Δ=10°20'29" R=20' L=3.61'	C4	PCC STA	31+18.51, 5.97' RT	TC 16.46 FL 16.30	Δ=13°09'38" R=20' L=4.59'
	PT STA	31+21.62, 6.50' LT	TC 16.82 FL 16.82			PT STA	31+23.07, 6.50' RT	TC 16.37 FL 16.37	

* ELEVATION AT FACE OF CURB AT GUTTER/FLOW LINE.

SIDEWALK EDGE LAYOUT TABLE

OFFSET AT 21.00' RT	
STATION	ELEVATION
31+22.03	16.60
31+49.04	17.50
31+69.72	18.29
31+89.45	18.85
32+01.99	19.56
32+07.83	19.71
32+21.99	20.55
32+46.95	20.88

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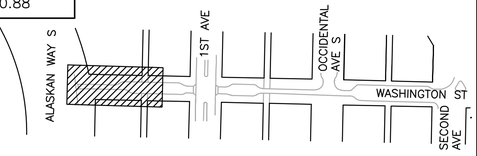

KATHRYN M. GWILYM — STATE OF WASHINGTON — 39888 REGISTERED PROFESSIONAL ENGINEER

CIVIL ENGINEER STAMP FOR KATHRYN GWILYM TO PAVING DESIGN.

SAKARU TSUCHIYA — STATE OF WASHINGTON — 43570 REGISTERED PROFESSIONAL ENGINEER

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PIONEER SQUARE EAST-WEST STREETS

JOB	PC JOB PC CO JOB CO
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	PG04
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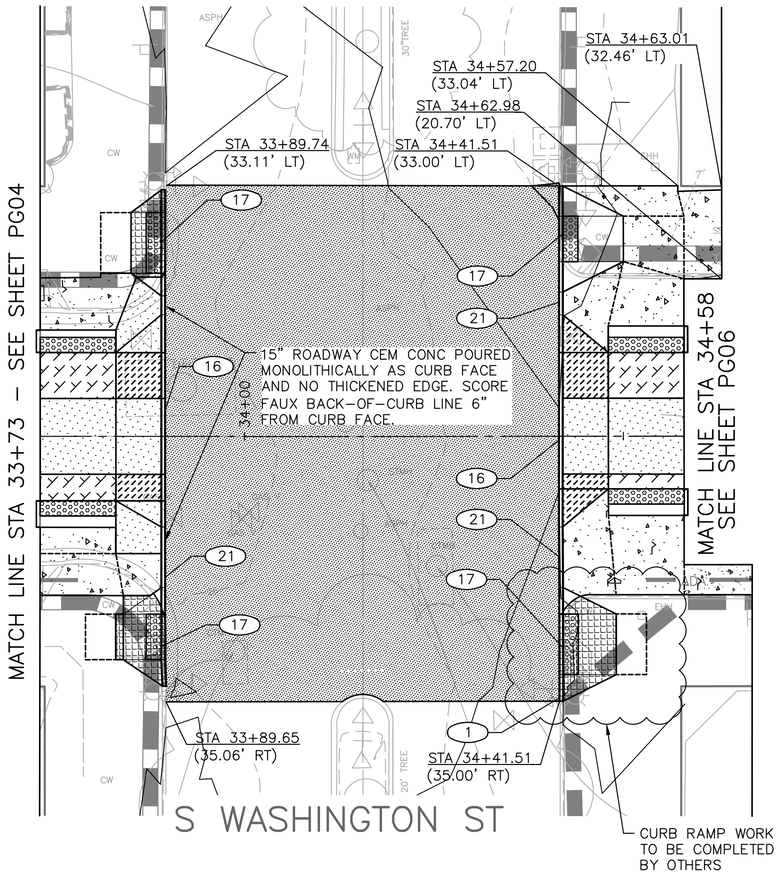

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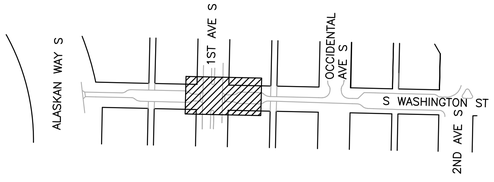

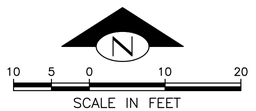

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CHECKED	JMD	6/3/2022	REVISED AS BUILT	

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JANESSA MARIE DAMATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER — PRELIMINARY

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021-061**
SCALE: H. 1"=20', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB PC **TRC0449-S0100** CO
VPI # 792-293
PG05
SHEET 32 OF 198

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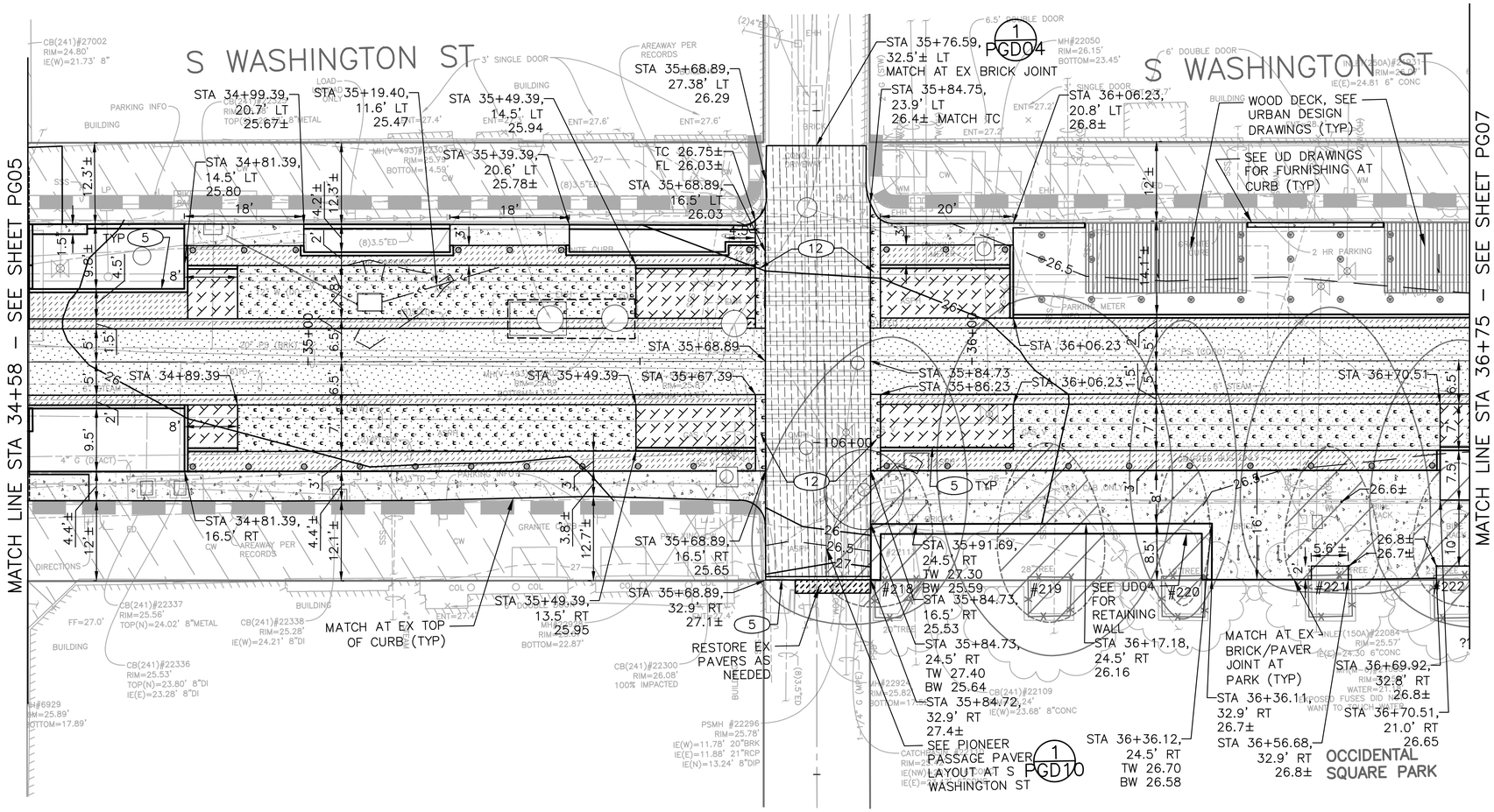
Jun-07-22 12:07pm



PARKING ZONE EDGE LAYOUT TABLE

STATION	ELEVATION AT 14.50' LT	ELEVATION AT 16.50' RT
34+58.01	24.27	
34+67.02	25.99	
34+81.89	25.80	
34+89.39	25.72	
35+09.31	25.48	
35+19.40	25.52	
35+30.41	25.60	
35+39.39	25.65	
35+49.39	25.94	
35+68.89	26.01	
35+84.73	26.04	25.53
35+91.71	26.17	25.48
36+06.23	26.50	25.83
36+17.18		26.09
36+36.12		26.46
36+62.20		26.56
36+70.51		26.58

SHEET NOTES:

1. SEE DRAWING PGN01 FOR PAVING, GRADING AND ROADWAY NOTES, CONSTRUCTION NOTE (X) KEY AND LEGEND. SEE DRAWING GS–02 FOR GENERAL NOTES AND AL–SERIES FOR CONSTRUCTION SURVEY CONTROL.
2. SEE CURB RAMP DRAWING SERIES CRXX FOR DESIGN OF CURB BULBS, RAMPS, CURB RETURNS, AT INTERSECTIONS AND CROSSINGS, AND DRIVEWAYS AT 1ST AVE.
3. INFORMATION SHOWN ON THE DRAWING SERIES PG XX INDICATES THE ELEVATIONS OF PAVEMENT AND LANDSCAPE SURFACES. FOR THE ELEVATION OF THE WOOD DECK AND FURNISHINGS, SEE DRAWING SERIES UD XX.
4. IRRIGATION SLEEVES TO BE PROVIDED UNDER PAVEMENT. SEE IRRIGATION PLANS FOR LOCATION OF SLEEVES.

N

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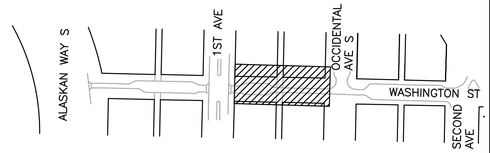
SCALE IN FEET



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KATHRYN M. GWILYM — STATE OF WASHINGTON — 20888 — REGISTERED PROFESSIONAL ENGINEER

CIVIL ENGINEER STAMP FOR SAKARU TSUCHIYA APPLIES TO GRADING DESIGN. CIVIL ENGINEER STAMP FOR KATHRYN GWILYM TO PAVING DESIGN.

SAKARU TSUCHIYA — STATE OF WASHINGTON — 22170 — REGISTERED PROFESSIONAL ENGINEER

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INITIALS AND DATE	INITIALS AND DATE
DESIGNED LK, KG, ST 6/3/2022	REVIEWED: DES. CONST. SDOT PROJ. MGR.
CHECKED DR 6/3/2022	
DRAWN JA, JZ 6/3/2022	RECEIVED
CHECKED KG, DR 6/3/2022	REVISED AS BUILT

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Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021–061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
PG06
SHEET 33 OF 198

MARK	NATURE	DATE	MADE / CHK'D	REV'D

REVISIONS

MAILE FENG NO. 38413

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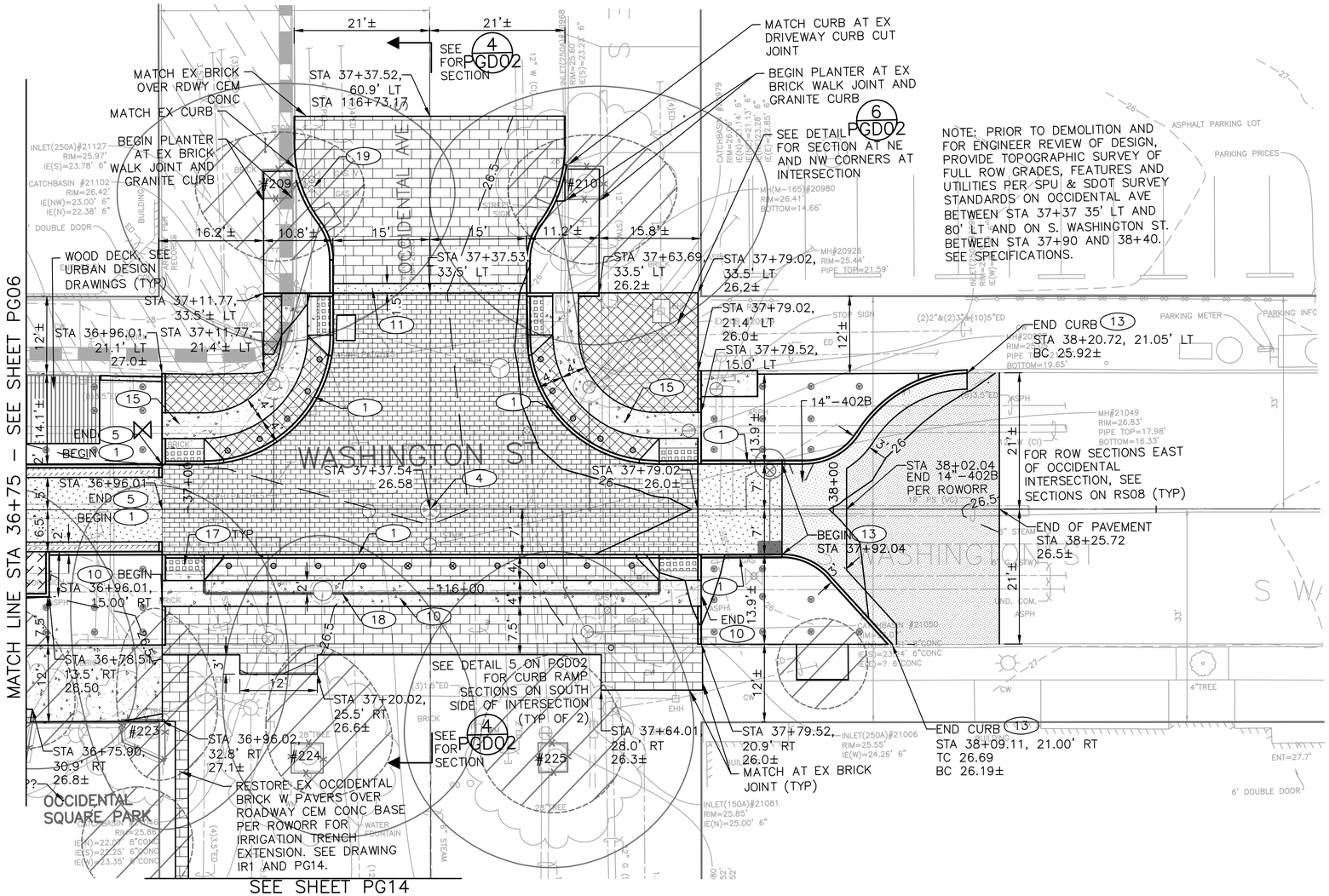

SHEET NOTES:

1. SEE DRAWING PGN01 FOR PAVING, GRADING AND ROADWAY NOTES, CONSTRUCTION NOTE (X) KEY AND LEGEND. SEE DRAWING GS–02 FOR GENERAL NOTES AND AL–SERIES FOR CONSTRUCTION SURVEY CONTROL.
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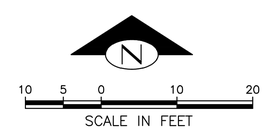

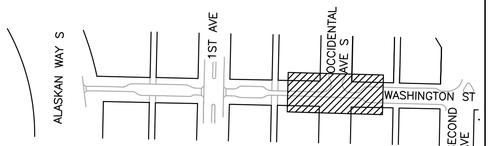

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KATHRYN M. GWILYM STATE OF WASHINGTON 36088 REGISTERED PROFESSIONAL ENGINEER

SAKARU TSUCHIYA STATE OF WASHINGTON 43778 REGISTERED PROFESSIONAL ENGINEER

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INITIALS AND DATE	INITIALS AND DATE
DESIGNED LK, KG, ST 6/3/2022	REVIEWED: DES. CONST. SDOT PROJ. MGR.
CHECKED DR 6/3/2022	
DRAWN JA, JZ 6/3/2022	RECEIVED
CHECKED KG, DR 6/3/2022	REVISED AS BUILT

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Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021–061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
PG07
SHEET 34 OF 198

MAIL-STRIPA NO. 3813 | DATE | MARK | NATURE REVISIONS | MADE CHK'D | REV'D

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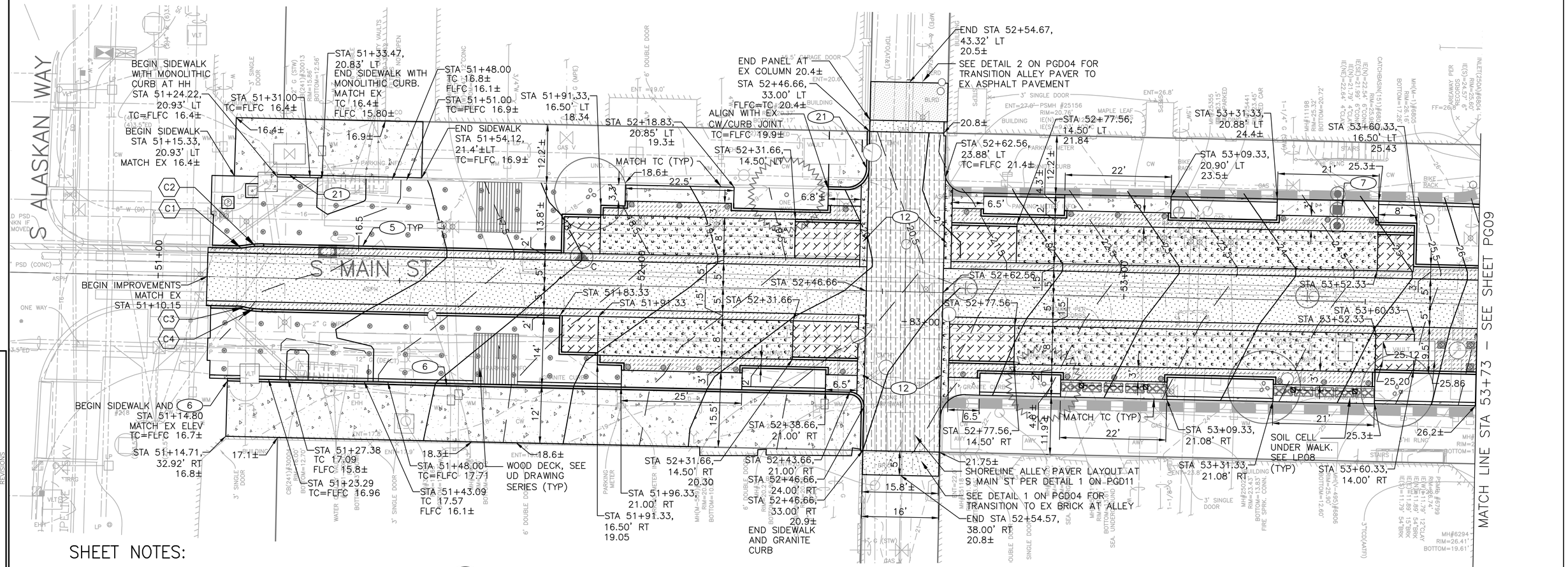

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4. IRRIGATION SLEEVES TO BE PROVIDED UNDER PAVEMENT. SEE IRRIGATION PLANS FOR LOCATION OF SLEEVES.

CURB RETURN TABLE

X	POINT	STATION / OFFSET	ELEV	CURVE GEOMETRY
C1	PC STA	51+16.25, 6.00' LT	TC 16.41 BC 16.19	Δ=10°28'31" R=10' L=1.83'
	PCC STA	51+18.06, 6.17' LT	TC 16.37 BC 16.22	
C2	PCC STA	51+18.06, 6.17' LT	TC 16.37 BC 16.22	Δ=10°28'31" R=20' L=3.66'
	PT STA	51+21.70, 6.50' LT	TC 16.30 BC 16.30	
C3	PC STA	51+16.25, 6.00' RT	TC 16.69 BC 16.40	Δ=10°28'31" R=10' L=1.83'
	PCC STA	51+18.06, 6.17' RT	TC 16.65 BC 16.46	
C4	PCC STA	51+18.06, 6.17' RT	TC 16.65 BC 16.46	Δ=10°28'31" R=20' L=3.66'
	PT STA	51+21.70, 6.50' RT	TC 16.58 BC 16.58	

SIDEWALK EDGE LAYOUT TABLE

OFFSET AT 21.00' RT	
STATION	ELEVATION
51+14.80	16.71±
51+35.00	17.32
51+54.12	17.90
51+68.04	18.27
51+83.33	18.90
52+06.05	19.62
52+18.83	20.22
52+31.66	20.68
52+46.66	20.87

KATHRYN M. GWILYM STATE OF WASHINGTON 36886 REGISTERED PROFESSIONAL ENGINEER

CIVIL ENGINEER STAMP FOR SAKARU TSUCHIYA APPLIES TO GRADING DESIGN. CIVIL ENGINEER STAMP FOR KATHRYN GWILYM TO PAVING DESIGN.

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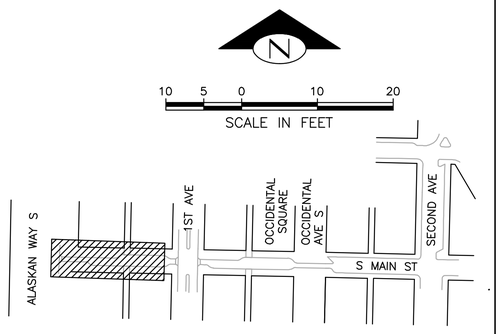

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CHECKED DR 6/3/2022	
DRAWN JA, JZ 6/3/2022	RECEIVED
CHECKED KG, DR 6/3/2022	REVISED AS BUILT

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SAKARU TSUCHIYA STATE OF WASHINGTON 43782 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021–061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
PG08
SHEET 35 OF 198

MARK	NATURE	MADE CHK'D	REVD

MAINT. SERIAL NO. 38413 DATE MARK

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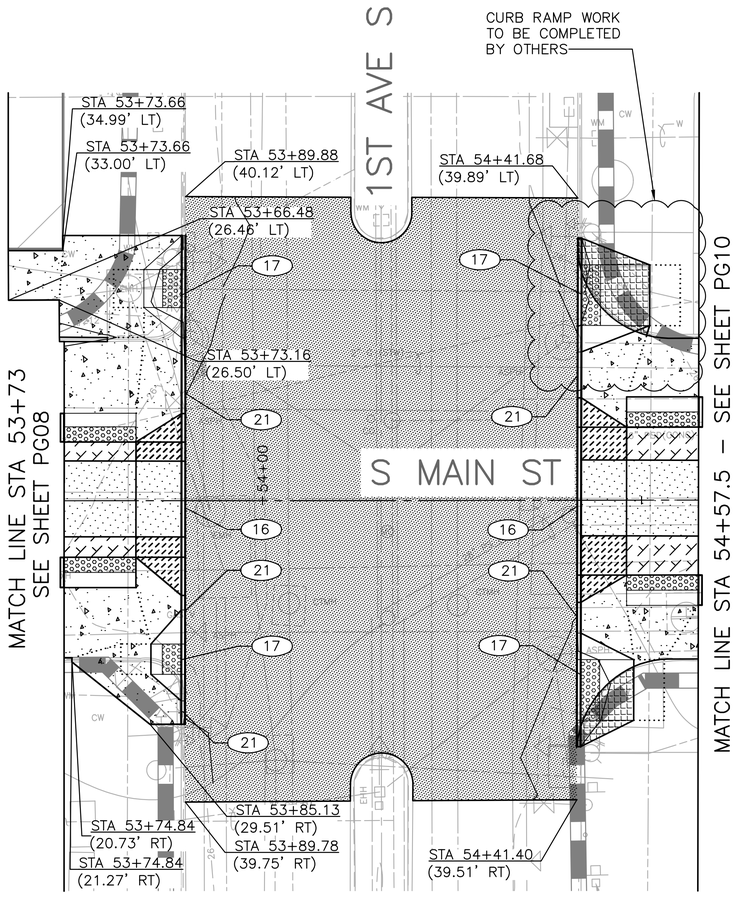
Jun–09–22 11:16am



NOTES:

1. SEE DRAWING PGNO1 FOR PAVING, GRADING AND ROADWAY NOTES, CONSTRUCTION NOTE (X) KEY AND LEGEND. SEE DRAWING GS–02 FOR GENERAL NOTES.
2. SEE CURB RAMP DRAWING SERIES CRXX FOR DESIGN OF CURB BULBS, RAMPS AND CURB RETURNS AT INTERSECTIONS AND CROSSINGS AND DRIVEWAYS AT 1ST AVE S.
3. SEE DETAIL 1/ST104 FOR AREAWAY STRUCTURAL SUPPORTS.
4. SEE CR SHEETS FOR INTERSECTION GRADING INFORMATION.
5. CURB RAMP LANDING SHALL BE LG COLOR. CURB RAMP SHALL HAVE NO COLOR.

VAULT SFDNA NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38413						

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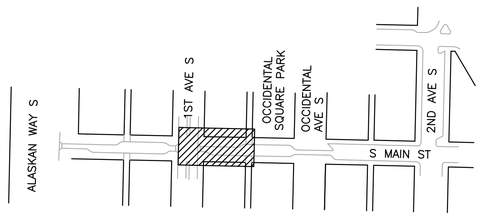
Jun–07–22 12:27pm



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DRAWN	JR	6/3/2022
CHECKED	JMD	6/3/2022

INITIALS AND DATE	
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DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
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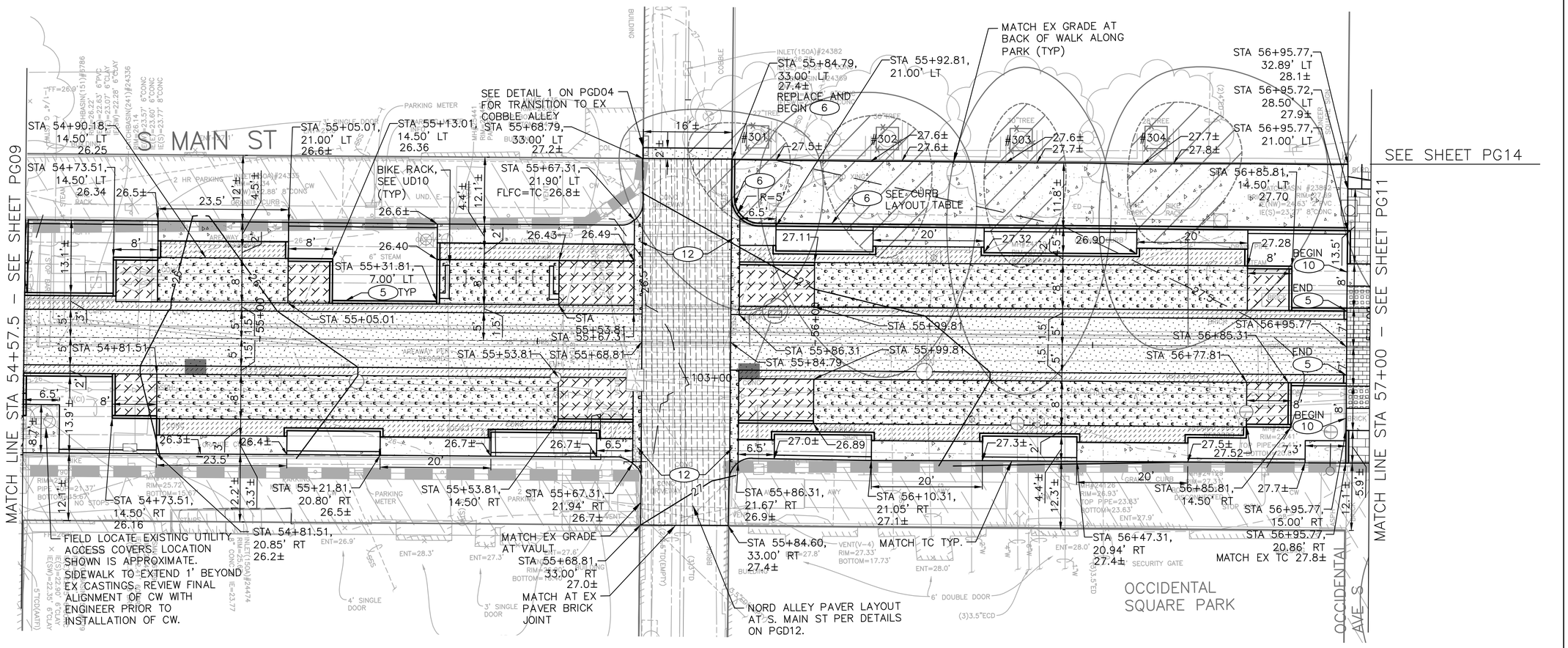
JANESSA MARIE MATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021–061**
SCALE: H. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC **TRC0449–S0100** CO
VPI # 792–293
PG09
SHEET 36 OF 198



SHEET NOTES:

1. SEE DRAWING PGN01 FOR PAVING, GRADING AND ROADWAY NOTES, CONSTRUCTION NOTE (X) KEY AND LEGEND. SEE DRAWING GS–02 FOR GENERAL NOTES AND AL–SERIES FOR CONSTRUCTION SURVEY CONTROL.
2. SEE CURB RAMP DRAWING SERIES CRXX FOR DESIGN OF CURB BULBS, RAMPS, CURB RETURNS, AT INTERSECTIONS AND CROSSINGS, AND DRIVEWAYS AT 1ST AVE.
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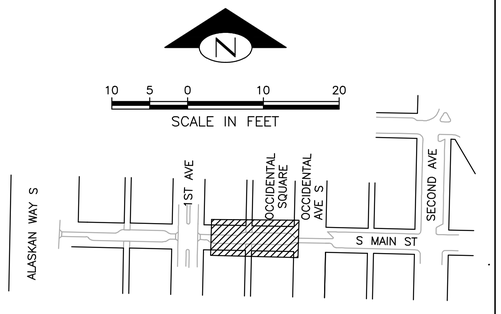
4. IRRIGATION SLEEVES TO BE PROVIDED UNDER PAVEMENT. SEE IRRIGATION PLANS FOR LOCATION OF SLEEVES.

CURB LAYOUT TABLE

OFFSET AT 21.00' LT	
STATION	FLFC=TC ELEVATION
55+92.81	26.97
55+99.81	27.30
56+30.31	27.42
56+47.31	27.50
56+57.81	27.56
56+77.81	27.73
56+85.81	27.81
56+95.77	27.86



KATHRYN M. GWILYM STATE OF WASHINGTON 25999 REGISTERED PROFESSIONAL ENGINEER

CIVIL ENGINEER STAMP FOR SAKARU TSUCHIYA APPLIES TO GRADING DESIGN. CIVIL ENGINEER STAMP FOR KATHRYN GWILYM TO PAVING DESIGN.

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NO.	NATURE REVISIONS	DATE	MARK

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INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	LK, KG, ST 6/3/2022	REVIEWED:	
CHECKED	DR 6/3/2022	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN	JA, JZ 6/3/2022	RECEIVED	
CHECKED	KG, DR 6/3/2022	REVISED AS BUILT	

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SAKARU TSUCHIYA STATE OF WASHINGTON 43787 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021–061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
PG10
SHEET 37 OF 198

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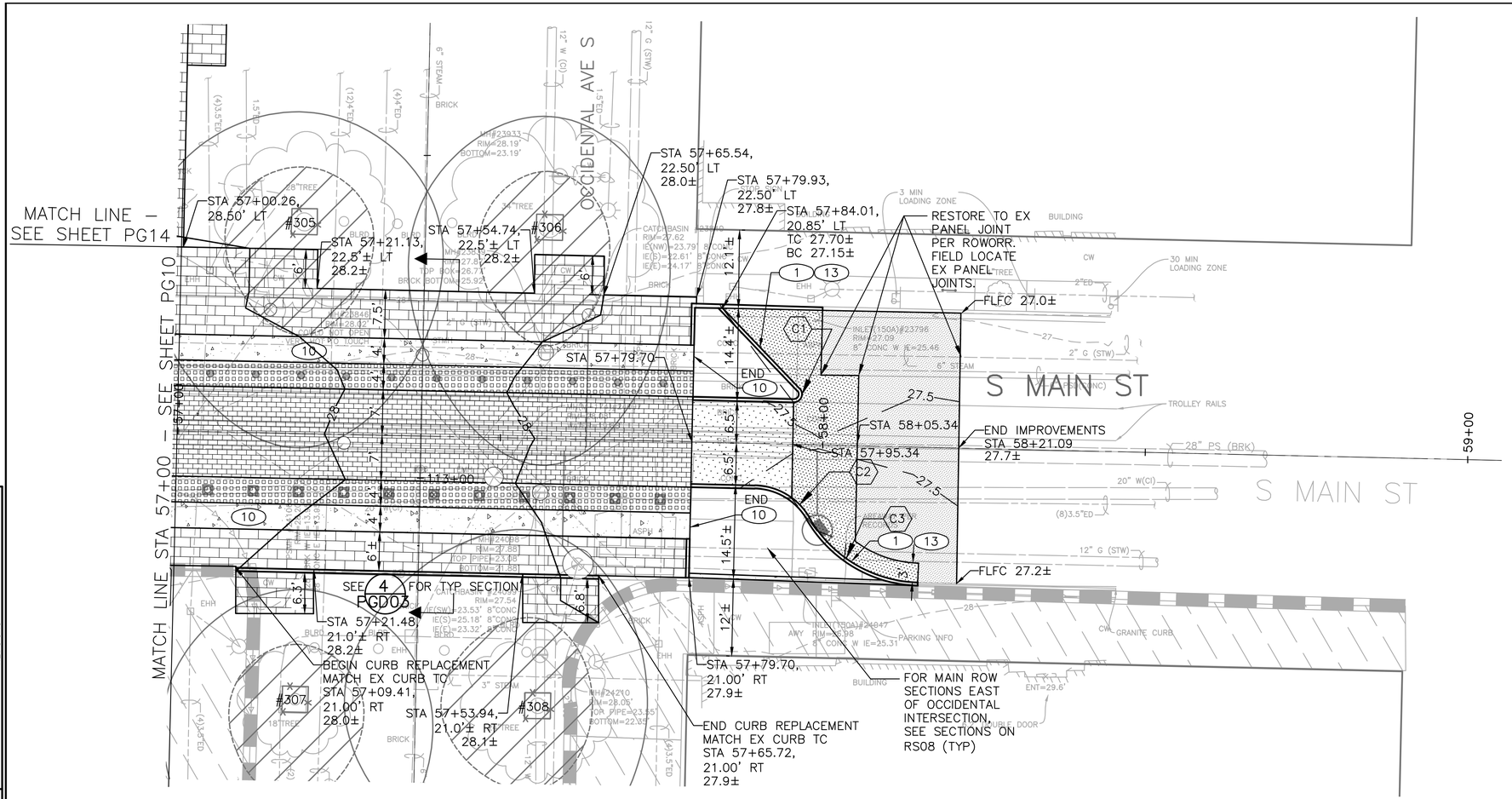
Jun-09-22 11:17am



CURB RETURN TABLE

X	POINT	STATION / OFFSET	ELEV	CURVE GEOMETRY
C1	PC STA	57+95.32, 6.50' LT	TC 27.95 FL 27.45	Δ=134°58'11" R=1.25' L=2.94'
	1/2	57+96.48, 7.27' LT	TC 27.93 FL 27.43	
	PT STA	57+96.21, 8.63' LT	TC 27.90 FL 27.40	
C2	PC STA	57+89.60, 6.50' RT	TC 27.96 FL 27.46	Δ=58°47'30" R=10' L=10.26'
	1/4	57+92.13, 6.83' RT	TC 27.88 FL 27.38	
	1/2	57+94.51, 7.79' RT	TC 27.74 FL 27.24	
	3/4	57+96.56, 9.32' RT	TC 27.62 FL 27.12	
	PCC STA	57+98.11, 11.30' RT	TC 27.58 FL 27.08	
C3	PCC STA	57+98.11, 11.30' RT	TC 27.58 FL 27.08	Δ=58°35'49" R=20' L=20.45'
	1/4	58+01.29, 15.29' RT	TC 27.59 FL 27.09	
	1/2	58+05.37, 18.35' RT	TC 27.63 FL 27.13	
	3/4	58+10.09, 20.27' RT	TC 27.67 FL 27.17	
	PT STA	58+15.15, 20.94' RT	TC 27.8± FL 27.19	

ELEVATION AT FACE OF CURB.

SHEET NOTES:

1. SEE DRAWING PGN01 FOR PAVING, GRADING AND ROADWAY NOTES, CONSTRUCTION NOTE (X) KEY AND LEGEND. SEE DRAWING GS–02 FOR GENERAL NOTES AND AL–SERIES FOR CONSTRUCTION SURVEY CONTROL.
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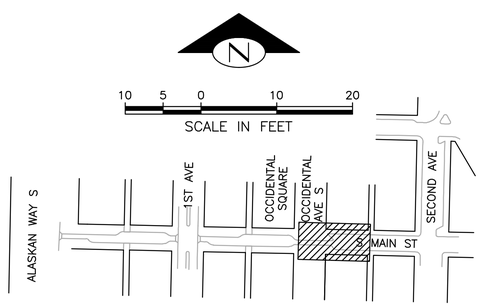

KATHRYN M. GWILYM STATE OF WASHINGTON 36886 REGISTERED PROFESSIONAL ENGINEER

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FINAL CIRCULATION (100%)

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DESIGNED LK, KG, ST 6/3/2022	REVIEWED:
CHECKED DR 6/3/2022	DES. CONST.
	SDOT PROJ. MGR.
DRAWN JA, JZ 6/3/2022	RECEIVED
CHECKED KG, DR 6/3/2022	REVISED AS BUILT

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SAKARU TSUCHIYA STATE OF WASHINGTON 23715 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021–061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
PG11
SHEET 38 OF 198

MARK	DATE	REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 3841 3

Z:\Shared\Seattle – Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\03 Main Street\034 PG11.dwg
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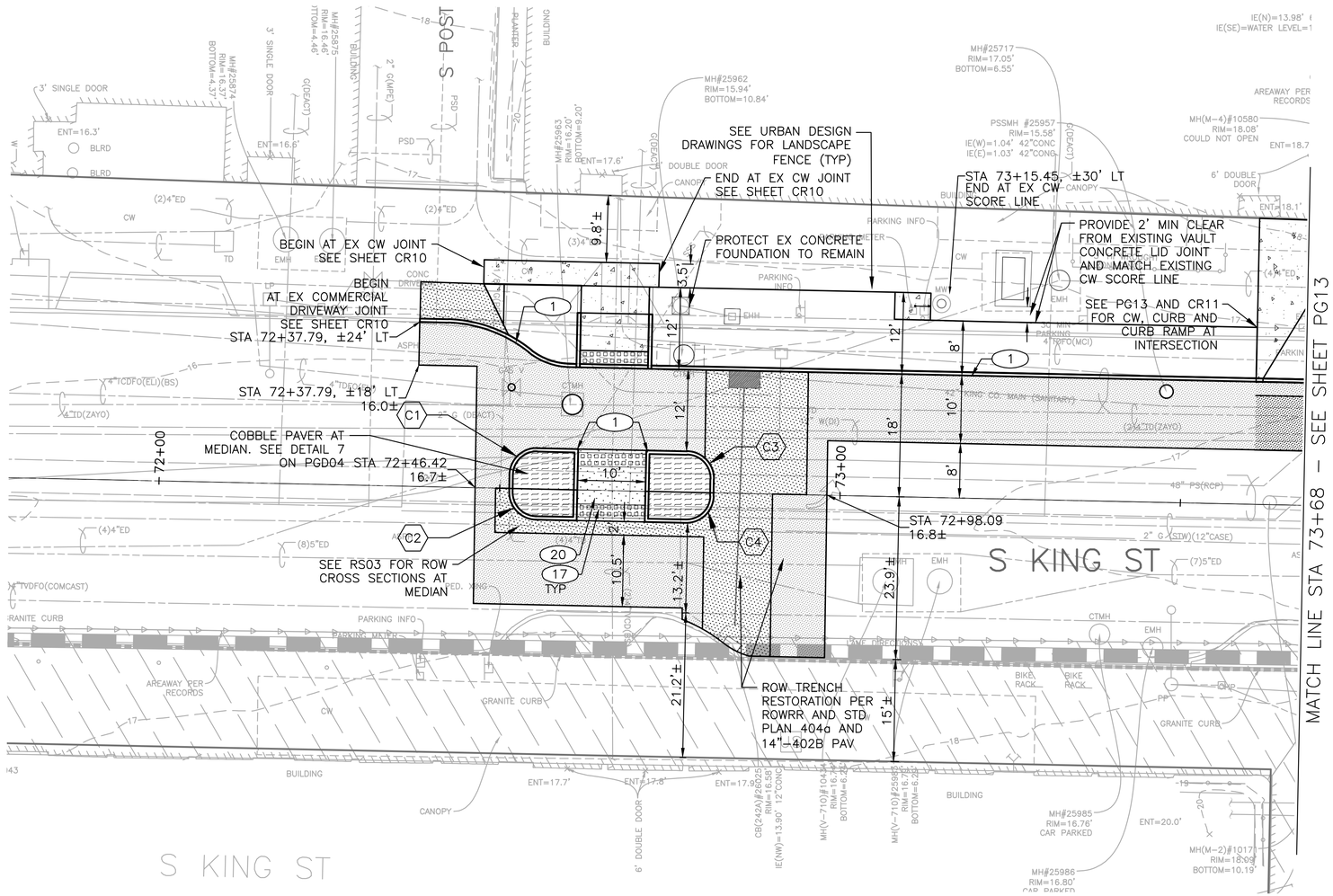


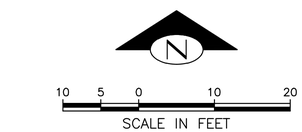
MEDIAN CURB RETURN TABLE

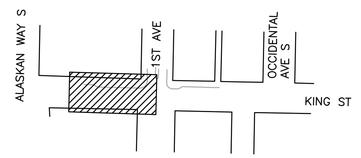
X	POINT	STATION / OFFSET	ELEV*	CURVE GEOMETRY
C1	PC STA	72+51.42, 2.00' LT	FLFC 16.5±	Δ=90°02'55" R=4.00' L=6.29'
	1/2	72+52.59, 4.83' LT	FLFC 16.6±	
	PT STA	72+55.42, 6.00' LT	FLFC 16.7±	
C2	PC STA	72+51.42, 0.50' RT	FLFC 16.7±	Δ=89°57'05" R=4.00' L=6.28'
	1/2	72+52.60, 3.33' RT	FLFC 16.7±	
	PCC STA	72+55.42, 4.50' RT	FLFC 16.7±	
C3	PT STA	72+77.42, 6.00' LT	FLFC 16.6±	Δ=89°57'05" R=4.00' L=6.28'
	1/2	72+80.25, 4.83' LT	FLFC 16.6±	
	PC STA	72+81.42, 2.00' LT	FLFC 16.7±	
C4	PC STA	72+77.42, 4.50' RT	FLFC 16.8±	Δ=90°02'55" R=4.00' L=6.29'
	1/2	72+80.25, 3.33' RT	FLFC 16.8±	
	PT STA	72+81.42, 4.50' RT	FLFC 16.7±	

*MEDIAN FACE OF CURB ELEVATION AT FL/ GUTTER TO MATCH EX (TYP)

SHEET NOTES:

1. SEE DRAWING PGN01 FOR PAVING, GRADING AND ROADWAY NOTES, CONSTRUCTION NOTE (X) KEY AND LEGEND. SEE DRAWING GS–02 FOR GENERAL NOTES AND AL–SERIES FOR CONSTRUCTION SURVEY CONTROL.
2. SEE CURB RAMP DRAWING SERIES CRXX FOR DESIGN OF CURB BULBS, RAMPS, CURB RETURNS, AT INTERSECTIONS AND CROSSINGS, AND DRIVEWAYS AT 1ST AVE.
3. INFORMATION SHOWN ON THE DRAWING SERIES PG XX INDICATES THE ELEVATIONS OF PAVEMENT AND LANDSCAPE SURFACES. FOR THE ELEVATION OF THE WOOD DECK AND FURNISHINGS, SEE DRAWING SERIES UD XX.
4. IRRIGATION SLEEVES TO BE PROVIDED UNDER PAVEMENT. SEE IRRIGATION PLANS FOR LOCATION OF SLEEVES.





KATHRYN M. GWILYM — STATE OF WASHINGTON — 23800 — REGISTERED PROFESSIONAL ENGINEER

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DESIGNED LK, KG, ST 6/3/2022	REVIEWED:
CHECKED DR 6/3/2022	DES. CONST.
	SDOT PROJ. MGR.
DRAWN JA, JZ 6/3/2022	RECEIVED
CHECKED KG, DR 6/3/2022	REVISED AS BUILT

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0–02.3 OF THE PROJECT MANUAL.

LAUREL JEAN KUNKLER — STATE OF WASHINGTON — 43672 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021–061
####
SCALE: H. 1"=20', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB: PC JOB PC; CO JOB CO
VPI # 792–293
PG12
SHEET 39 OF 198

MARK	DATE	REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 38413

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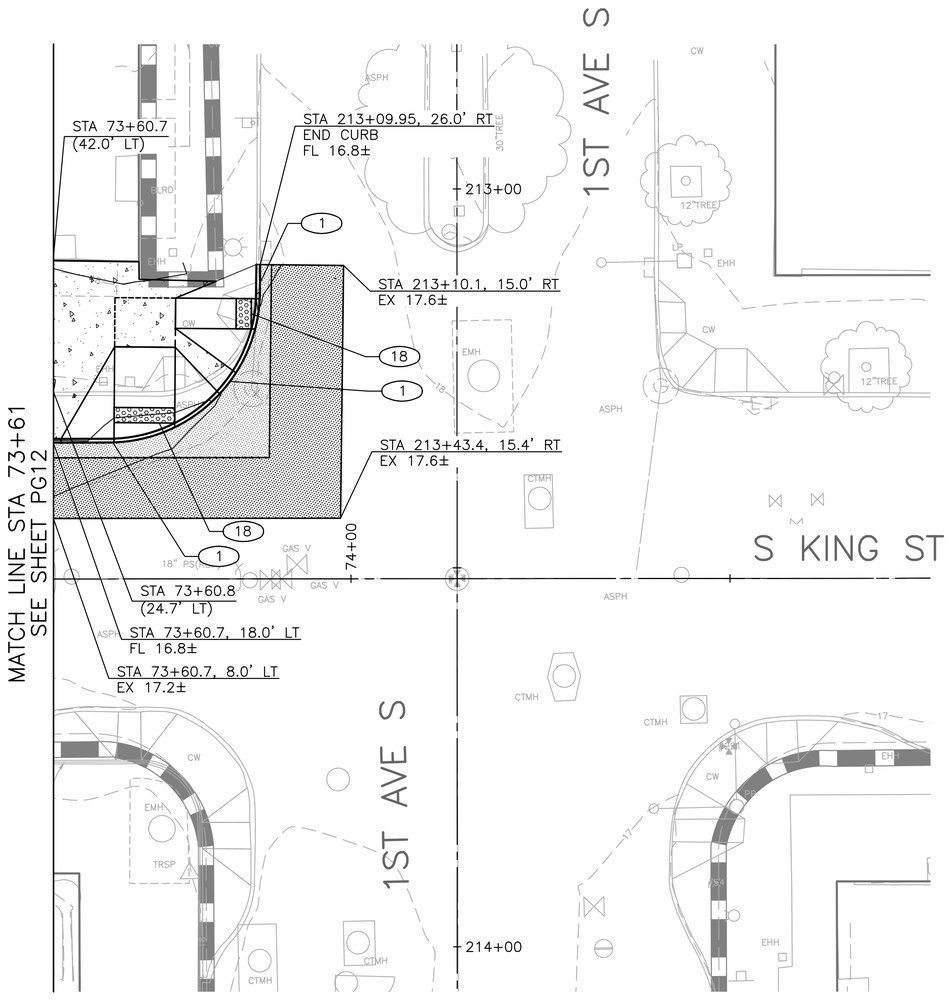
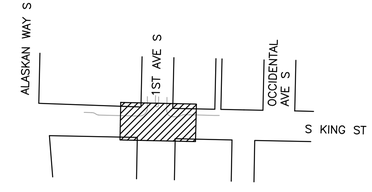
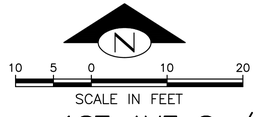


NOTES:

1. SEE DRAWING PGNO1 FOR PAVING, GRADING AND ROADWAY NOTES, CONSTRUCTION NOTE (X) KEY AND LEGEND. SEE DRAWING GS-02 FOR GENERAL NOTES.
2. SEE CURB RAMP DRAWING SERIES CRXX FOR DESIGN OF CURB BULBS, RAMPS AND CURB RETURNS AT INTERSECTIONS AND CROSSINGS AND DRIVEWAYS AT 1ST AVE S.
3. SEE DETAIL 1/ST104 FOR AREAWAY STRUCTURAL SUPPORTS.
4. SEE CR SHEETS FOR INTERSECTION GRADING INFORMATION.
5. CURB RAMP LANDING SHALL BE LG COLOR. CURB RAMP SHALL HAVE NO COLOR.





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1ST AVE S / S KING ST – PAVING AND GRADING PLAN

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VAULT	SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
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CHECKED	AES/JESL/RL	6/3/2022	DES.	CONST.
DRAWN	JR	6/3/2022	SDOT	PROJ. MGR.
CHECKED	JMD	6/3/2022	RECEIVED	
			REVISED AS BUILT	

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JANESSA MARIE DAMATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021-061
SCALE: H. 1"=10'

PIONEER SQUARE
EAST-WEST STREETS

JOB PC TRC0449-S0100
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VPI # 792-293
PG13
SHEET 40 OF 198

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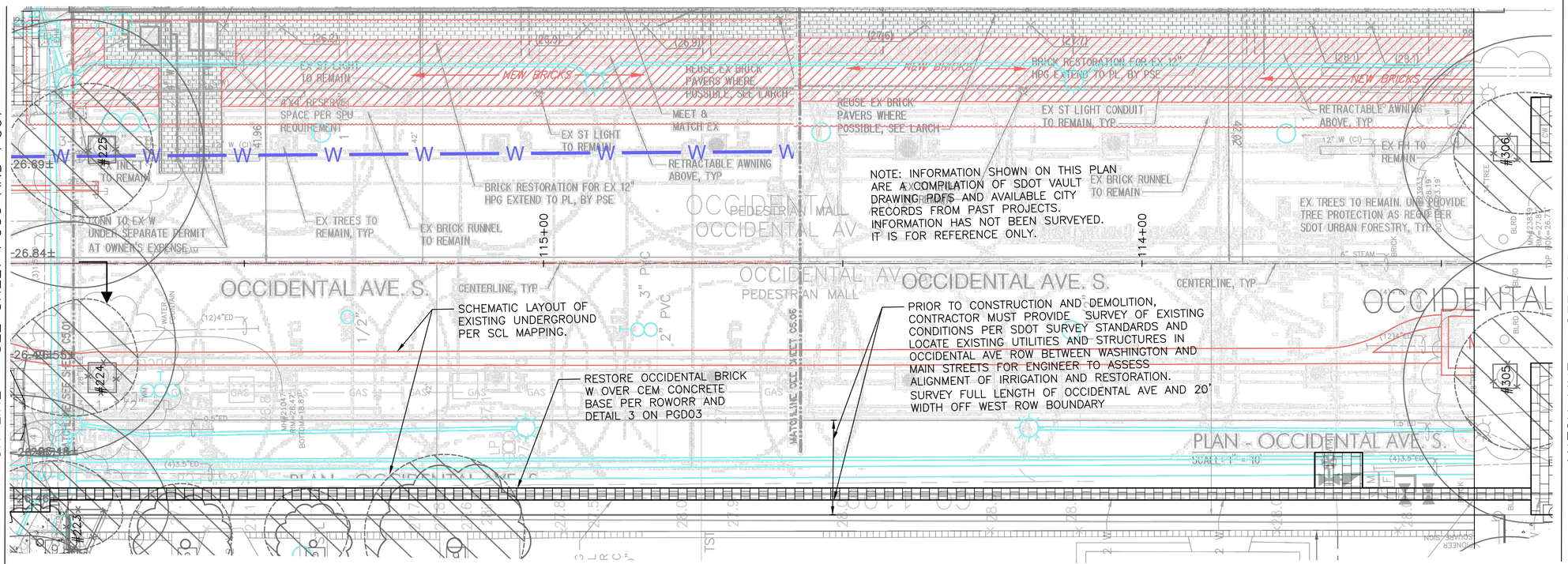

SHEET NOTES:

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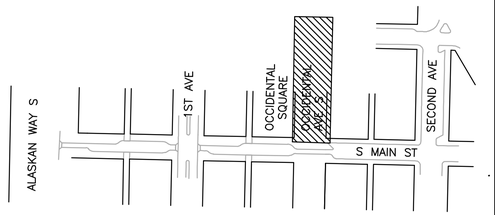

OCCIDENTAL AVE S – PAVING AND GRADING PLAN

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KATHRYN M. GWILYM — STATE OF WASHINGTON — 36886 — REGISTERED PROFESSIONAL ENGINEER

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CHECKED DR 6/3/2022	RECEIVED
DRAWN JA, JZ 6/3/2022	REVISED AS BUILT
CHECKED KG, DR 6/3/2022	

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LAUREL JEAN KUNKLER — STATE OF WASHINGTON — 43873 — REGISTERED PROFESSIONAL ENGINEER

Seattle Public Utilities
ORDINANCE NO. . PW NO. 2021–061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
PG14
SHEET 41 OF 198

VAULT SERIAL # 38413 | DATE | MARK | NATURE OF REVISIONS | MADE CHK'D | REV'D

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janderson Jun-09-22 11:20am

PAVEMENT JOINTING AND SCORING GENERAL NOTES

UNLESS OTHERWISE NOTED

1. ALL TRANSVERSE JOINTS SHALL BE CONSTRUCTED WITH DOWEL BARS ACCORDING TO SEATTLE STANDARD PLAN NO. 405c AND PER THE DETAILS ON PGD01 TO PGD04 AT FOR EACH PAVEMENT SECTION TYPE.
2. CONSTRUCTION JOINTS TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. SEE COS STD SPECIFICATION 6-02.3(12)A. CONTRACTOR TO SUBMIT SHOP DRAWING FOR JOINT LAYOUT AND SCORING INCLUDING AS-BUILT LOCATIONS OF CASTINGS, EX SCORING AND EX JOINTS FOR ENGINEER REVIEW. SEE SPECIFICATIONS.
3. TRANSVERSE JOINT SPACING SHALL BE UNIFORM ALONG ROADWAYS AND THROUGH INTERSECTIONS UNLESS OTHERWISE NOTED. ROADWAY (VEHICULAR LOADED) PANELS SHALL NOT EXCEED THE MAXIMUM SURFACE AREA OF 225 SQ. FT. DESIRABLE 3 BY 2 RATIO OR LENGTH LESS THAN NOR EQUAL TO 1.25 X WIDTH OF PANEL.
4. JOINTS BETWEEN ROADWAY CEMENT CONCRETE BASE AND ROADWAY CEMENT CONCRETE PAVEMENT MUST BE PER DETAILS ON PGD DRAWING SERIES.
5. JOINT INTERSECTION ANGLES LESS THAN 60° ARE NOT PERMITTED, UNLESS OTHERWISE NOTED.
6. THE SPACING BETWEEN PANEL JOINTS, AND BETWEEN ANY PANEL JOINT AND THE EDGE OF THE CONCRETE PAVEMENT IS 2'-0" MIN.
7. FOR JOINT DETAILS AND TYPES, SEE SPECIFICATIONS.
8. ADJUST JOINT OFF CROSSWALK LINE TO MAINTAIN MINIMUM PANEL ANGLE OF 60°. JOINT TO BE MINIMUM 2' IN LENGTH.
9. NOT USED.
10. TRANSVERSE JOINTS MAY NEED TO BE FIELD ADJUSTED BASED ON UTILITY AS-BUILT CONDITIONS.
11. FOR ANGLED JOINTS AND SCORING PREVENT OVERSAWING INTO ADJACENT SLAB.
12. SEE TYPICAL SECTIONS FOR PAVEMENT DEPTHS UNLESS OTHERWISE NOTED ON THESE PAVEMENT JOINTING PLANS.
13. TRANSITION TO EX PAVEMENTS AT OCCIDENTAL INTERSECTION AND ALLEYS PER PG DRAWING SERIES AND DETAILS ON PGD01-PGD02.
14. FOR SIDEWALK THROUGH JOINT REQUIREMENTS, SEE SECTION 8-14.3(6).
15. SEE SPECIAL PROVISIONS FOR SAWCUT SCORING IN ROADWAY CEMENT CONCRETE PAVEMENT WITH DG COLOR AND LG COLOR.
16. THROUGH JOINTS SHOULD ONLY EXTEND 1 TO 2 FEET BEYOND MISALIGNED JOINT.
17. THROUGH JOINTS SHALL BE PROVIDED AT ALL LOCATIONS WHERE A PANEL JOINT SHOULD NOT CONTINUE THROUGH ADJACENT PANEL AND PER STD PLAN 405D.
18. ALL UTILITY CASTING RESETS SHALL REQUIRE FULL DEPTH CASTINGS. SEE COS STD PLAN 406 FOR REINFORCEMENT IN ROADWAY CEMENT CONCRETE PAVEMENT AND BASE. FOR SETTING OF PAVERS TO UTILITY CASTINGS SEE DETAILS ON PGD05 TO PGD07.
19. SCORING OF ROADWAY CEMENT CONCRETE AND NEW CEMENT CONCRETE SIDEWALK ARE TO ALIGN TO THE EXTENT PRACTICAL WITH EXISTING EAST WEST AND NORTH SOUTH SCORING SIDEWALK PATTERNS. SEE NOTES ON PLANS FOR FOR INTENDED ALIGNMENT. SHOP DRAWING (SEE NOTE 2) MUST INCLUDE EXISTING SIDEWALK SCORING FOR ASSESSMENT OF THE SCORING AND JOINT LAYOUT.
20. PROVIDE MOCK-UP (ONE CEMENT CONCRETE PANEL, WHICH MAY BE AT PERMANENT LOCATION) OF SAWCUT SCORING IN THE ROADWAY CEMENT CONCRETE FOR ENGINEER AND LANDSCAPE ARCHITECT REVIEW. SEE SPECIFICATIONS.
21. THICKENED EDGE TO BE PROVIDED AT TRANSITION TO DIFFERENT PAVEMENT SECTION TYPES. SEE DETAILS ON PGD DRAWINGS.

LEGEND

UNLESS OTHERWISE NOTED

- LONGITUDINAL JOINT
- TRANSVERSE JOINT OR CONTROL JOINT
- SAWCUT SCORE
- THROUGH JOINT
- AREAWAY (APPROXIMATE)

MAULT SERVAL NO.	DATE	MARK	REVISIONS	MADE	CHK'D	REV'D
38413			NATURE			

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PAVEMENT JOINTING NOTES AND LEGEND

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DRAWN JA, KG 6/3/2022		RECEIVED	
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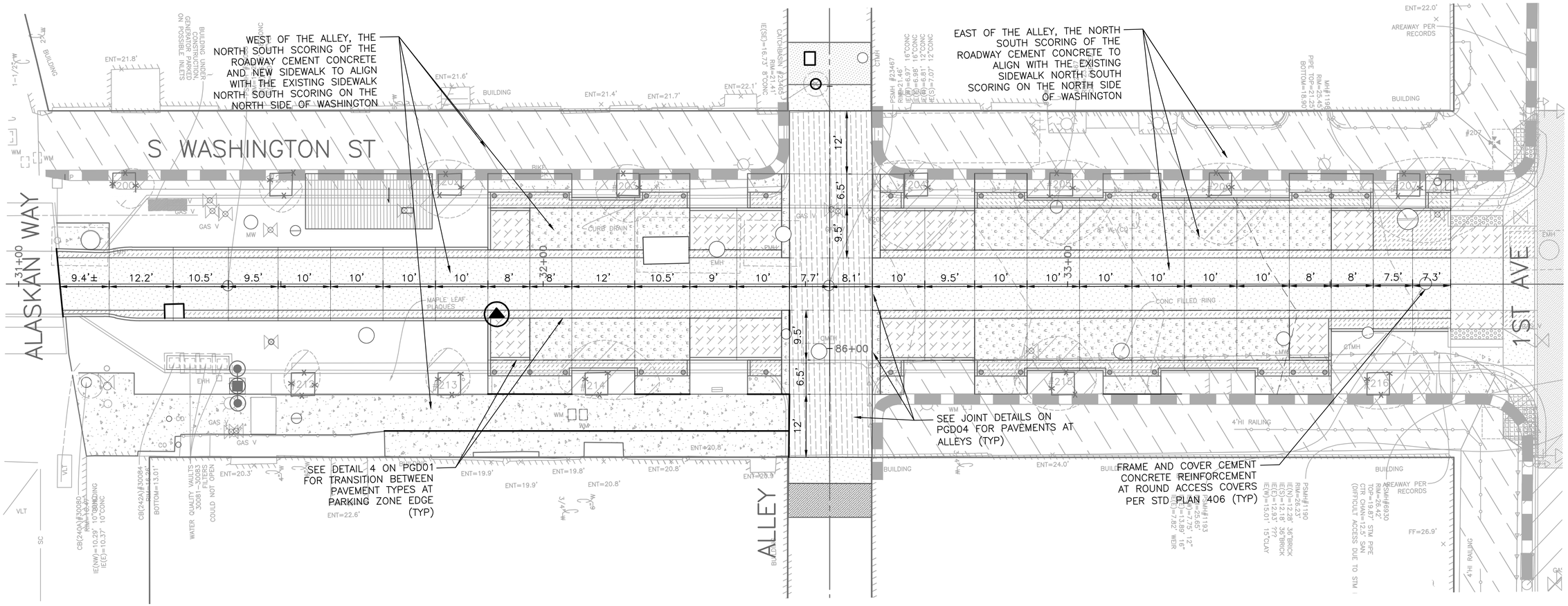
KATHRYN M. GWILYM
STATE OF WASHINGTON
36908
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

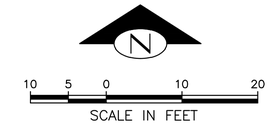
PIONEER SQUARE
EAST-WEST STREETS

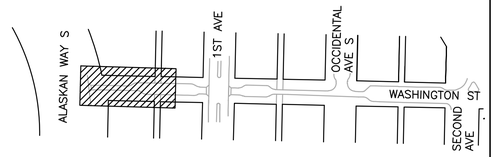
JOB PC JOB PC
CO JOB CO
VPI # 792-293
CPN01
SHEET 42 OF 198



NOTES

1. SEE SHEET CPN01 FOR PAVEMENT JOINTING NOTES AND LEGEND.
2. DIMENSIONS SHOWN ARE APPROXIMATE. FINAL LAYOUT FOR JOINTS AND SCORING TO BE BASED ON APPROVED SHOP DRAWING.





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PAVEMENT JOINT PLAN

NATURE	MADE	CHK'D	REV'D
REVISIONS			

VAULT	SERIAL NO.	DATE	MARK
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DESIGNED	KG 6/3/2022	REVIEWED:	
CHECKED	DR 6/3/2022	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN	JA 6/3/2022	RECEIVED	
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KATHRYN M. GWILLIM
STATE OF WASHINGTON
36885
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB	PC	JOB PC
	CO	JOB CO
VPI #		792-293
		CP04
SHEET		43 OF 198

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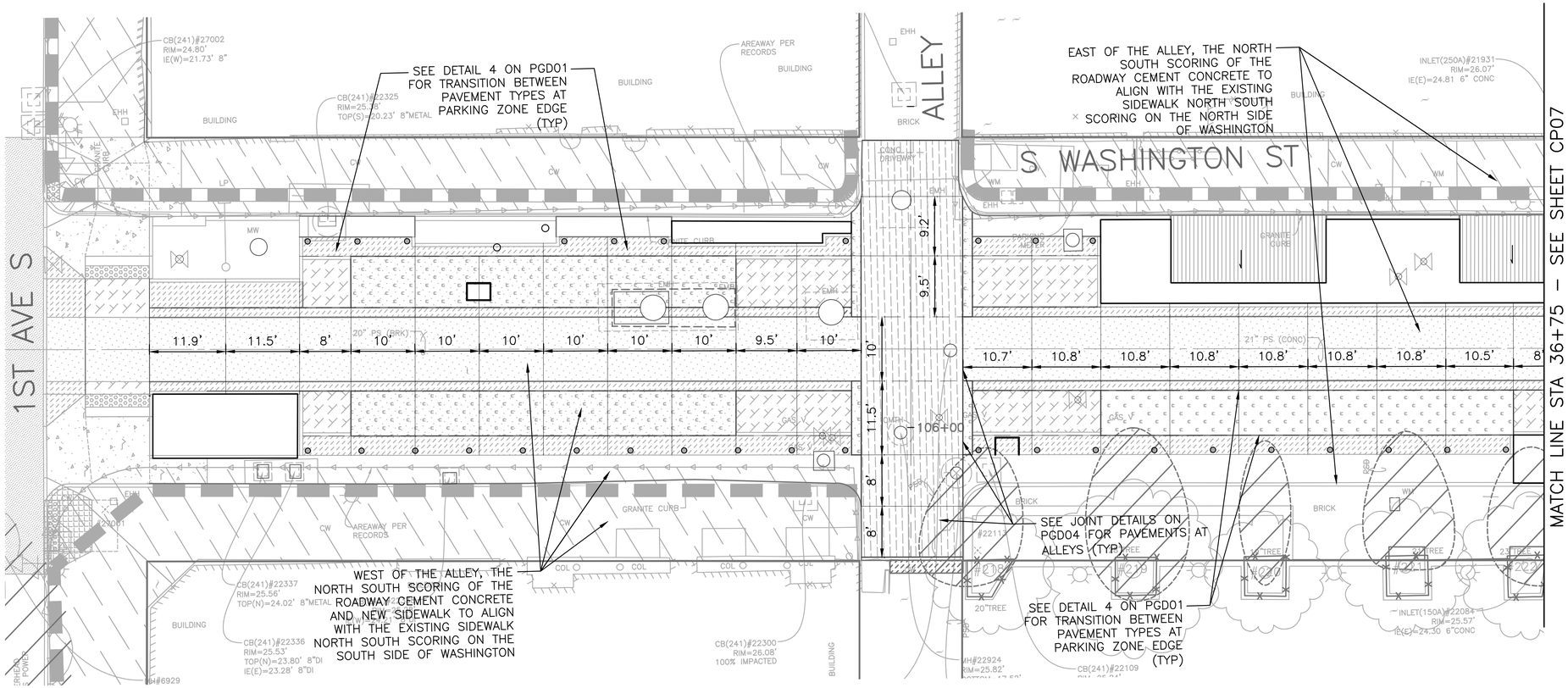
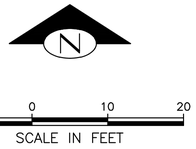
Jun-07-22 3:24pm



NOTES

1. SEE SHEET CPN01 FOR PAVEMENT JOINTING NOTES AND LEGEND.
2. DIMENSIONS SHOWN ARE APPROXIMATE. FINAL LAYOUT FOR JOINTS AND SCORING TO BE BASED ON APPROVED SHOP DRAWING.



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CHECKED DR 6/3/2022	
DRAWN JA 6/3/2022	RECEIVED
CHECKED DR 6/3/2022	REVISED AS BUILT

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KATHRYN M. GWILLYM — STATE OF WASHINGTON — 38828 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CP06
SHEET 44 OF 198

VAULT SERIAL NO. 38413

MARK	DATE	NATURE	MADE CHK'D	REV'D
		REVISIONS		

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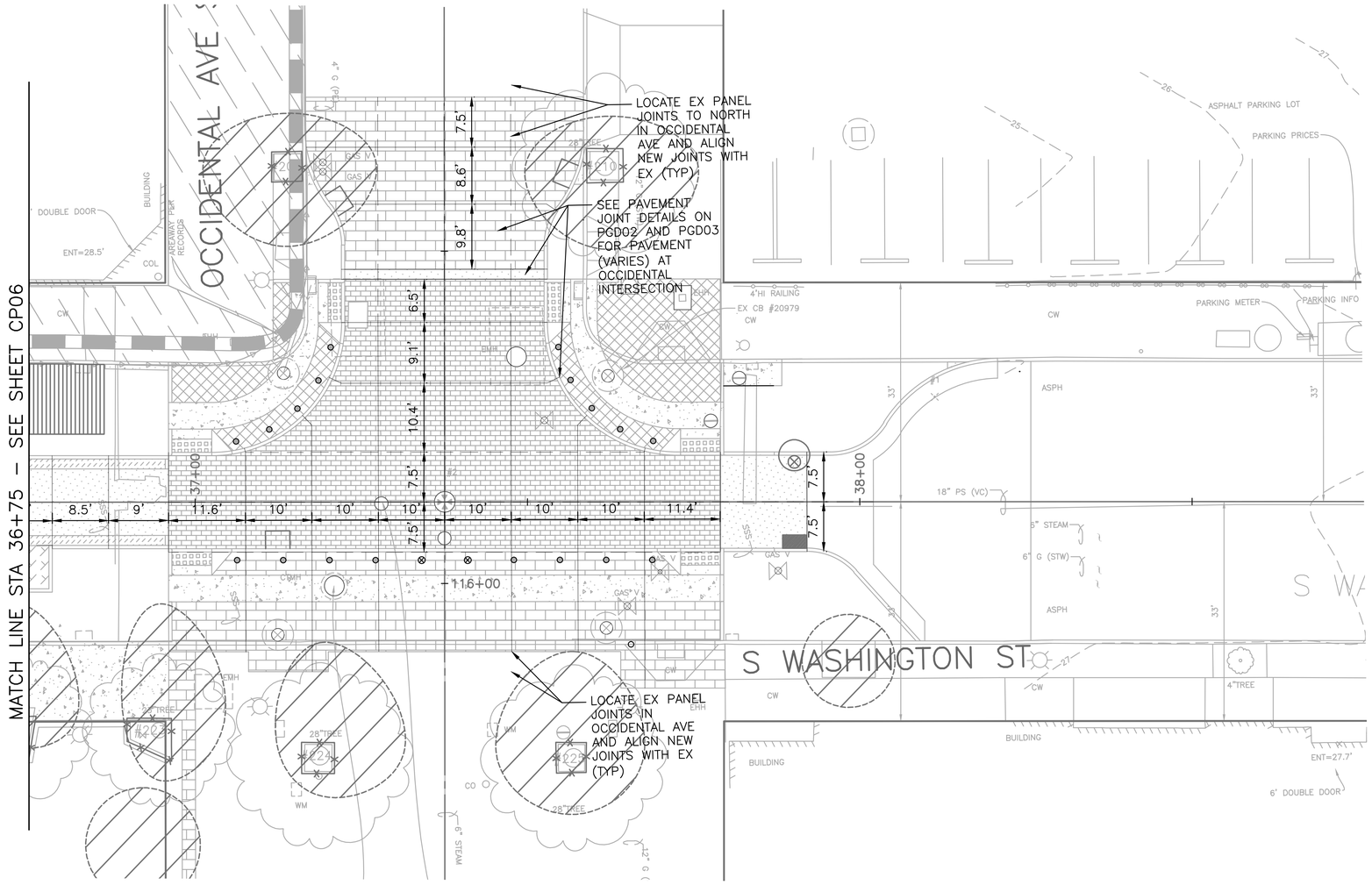

NOTES

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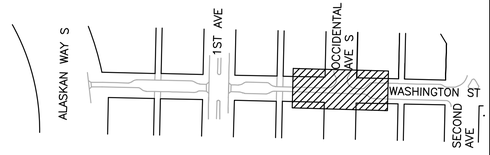

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SEATTLE, WASHINGTON . . . . . 20 . .
BY: . . . . . PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	KG 6/3/2022	REVIEWED:	
CHECKED	DR 6/3/2022	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN	JA 6/3/2022	RECEIVED	
CHECKED	DR 6/3/2022	REVISED AS BUILT	

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

KATHRYN M. GWILLIM
STATE OF WASHINGTON
36699
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC	JOB PC
JOB CO	JOB CO
VPI #	792-293
	CP07
SHEET	45 OF 198

Z:\Shared\Seattle – Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\02 Washington Street\041 CP07.dwg
Jun-07-22 3:26pm

WEST AND EAST OF THE ALLEY, THE NORTH SOUTH SCORING OF THE ROADWAY CEMENT CONCRETE AND NEW SIDEWALK TO ALIGN WITH THE EXISTING SIDEWALK NORTH SOUTH SCORING ON THE NORTH SIDE OF MAIN (TYP)

SEE JOINT DETAILS ON PGD04 FOR PAVEMENTS AT ALLEYS (TYP)

SEE DETAIL 4 ON PGD01 FOR TRANSITION BETWEEN PAVEMENT TYPES AT PARKING ZONE EDGE (TYP)

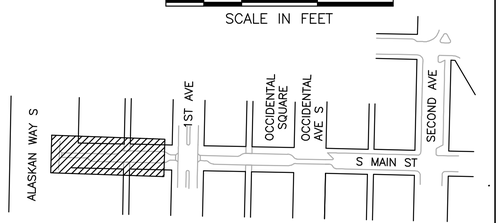
THE EAST WEST SCORING OF NEW SIDEWALK TO ALIGN WITH EXSTING SIDEWALK EAST WEST SCORING

FRAME AND COVER CEMENT CONCRETE REINFORCEMENT AT PSMH ROUND ACCESS COVERS PER STD PLAN 406 (TYP)

NOTES

1. SEE SHEET CPN01 FOR PAVEMENT JOINTING NOTES AND LEGEND.
2. DIMENSIONS SHOWN ARE APPROXIMATE. FINAL LAYOUT FOR JOINTS AND SCORING TO BE BASED ON APPROVED SHOP DRAWING.

10 5 0 10 20
SCALE IN FEET



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KATHRYN M. GWILYM — STATE OF WASHINGTON — 39800 — REGISTERED PROFESSIONAL ENGINEER

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JOB CO JOB CO
VPI # 792-293
CP08
SHEET 46 OF 198

MARK	DATE	REVISIONS
		NATURE
		MADE BY/CHK'D
		REV'D

MAILE SERIAL NO. 3841

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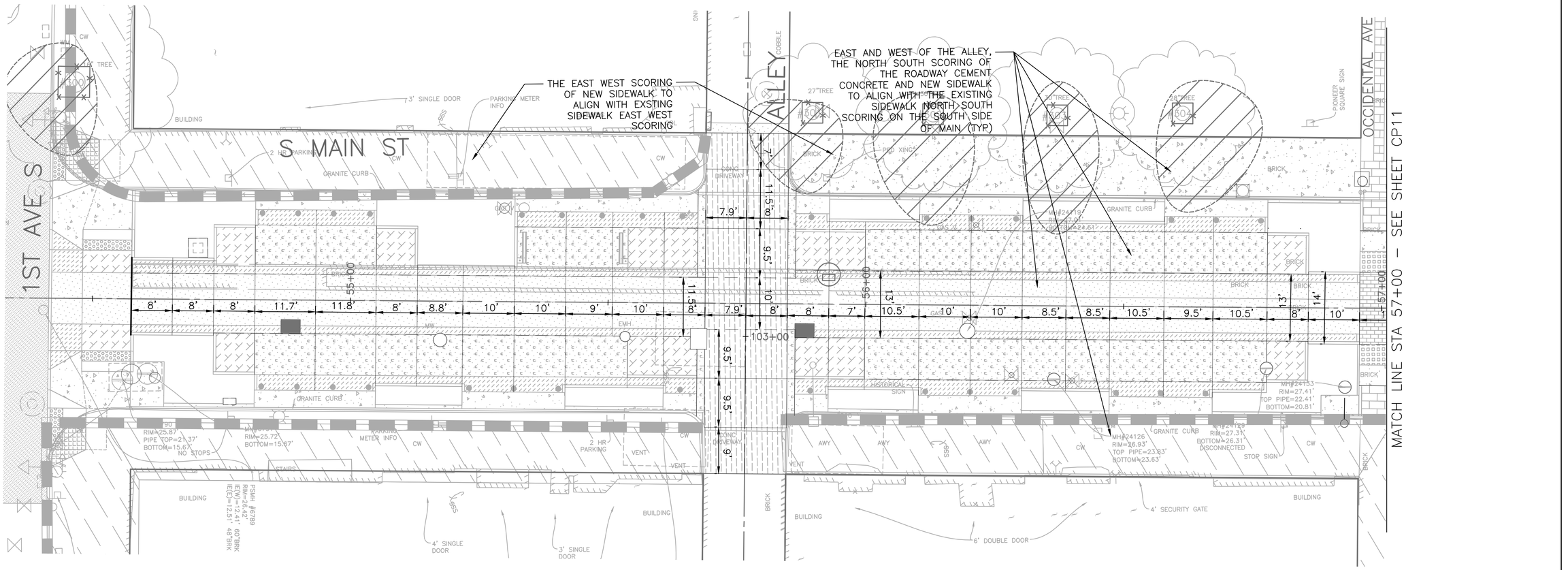

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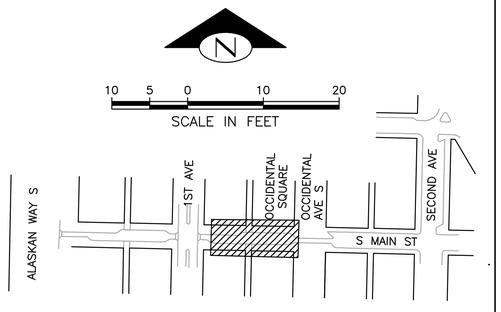

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39803
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
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	CO JOB CO
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	CP10
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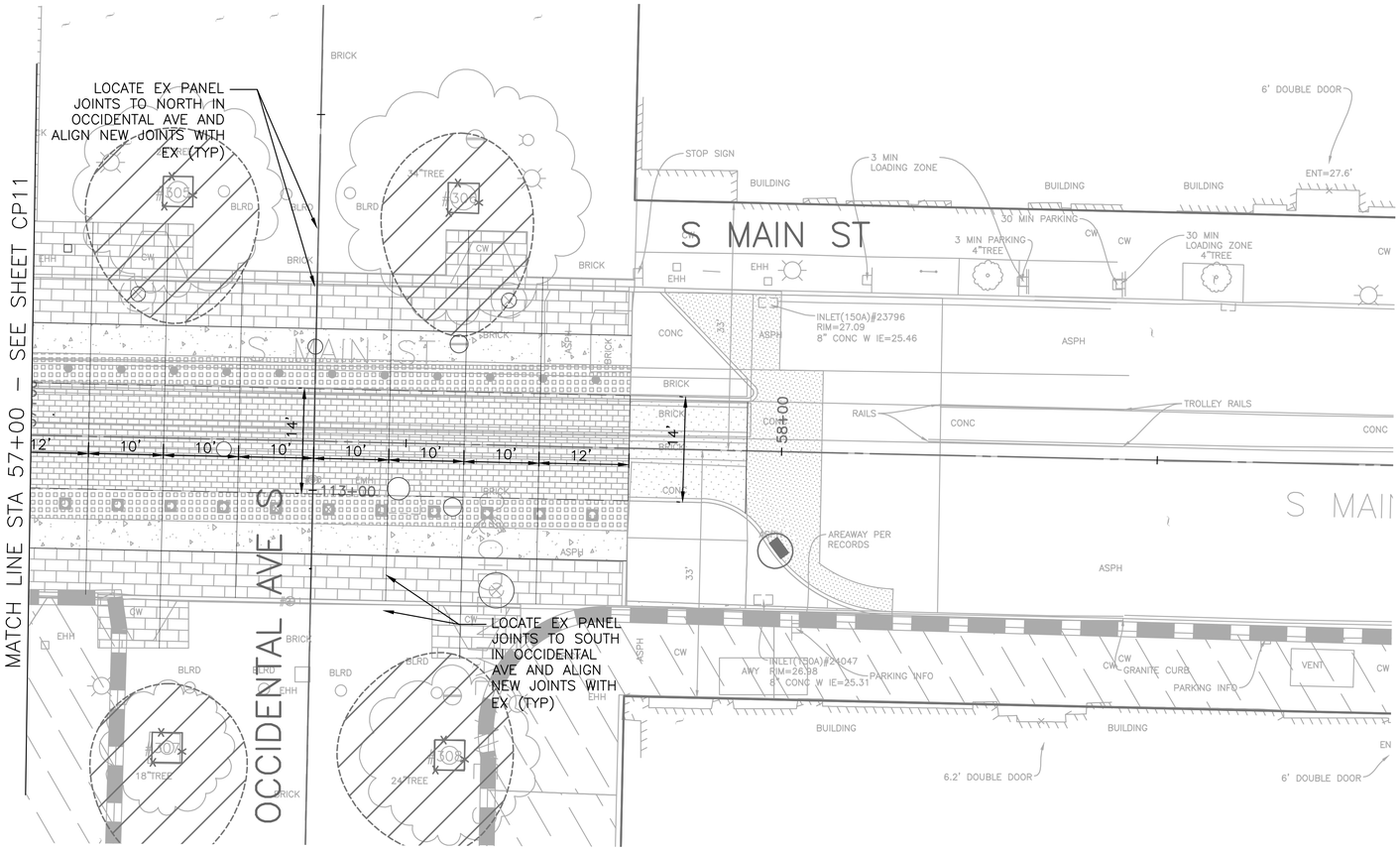

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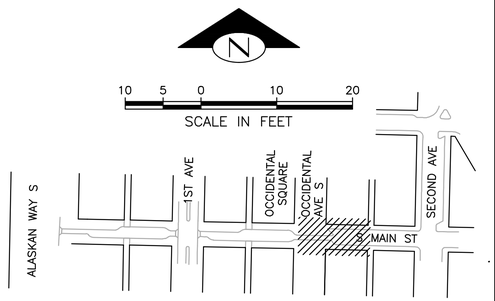

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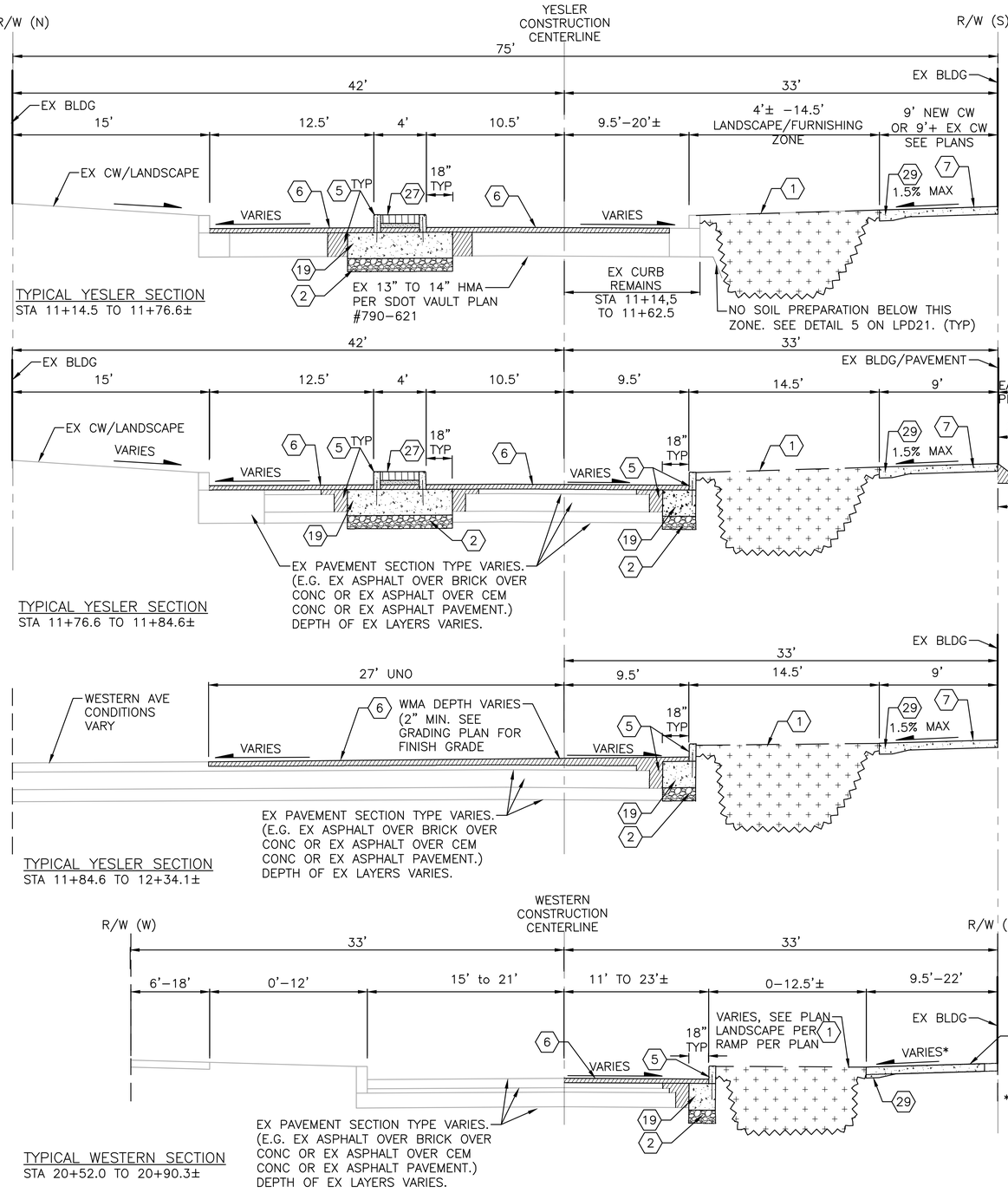

STREET SECTION NOTES

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2. SEE LPXX and UDXX SHEET SERIES FOR LANDSCAPE AND URBAN DESIGN FURNISHINGS, INCLUDING BUT NOT LIMITED TO BIKE RACKS, BOLLARDS, KICK RAILS, PIERS, DECKING AND PUBLIC SEATING ELEMENTS.
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5. PAVEMENT DEPTH TO BE AS SHOWN OR MATCH EXISTING, WHICHEVER IS GREATER.
6. FILL, IF NEEDED, BELOW PAVEMENT SECTIONS MUST BE MNRL AGG TYPE 17.

CONSTRUCTION NOTES

1. AMEND SOILS IN LANDSCAPE AREAS. PROVIDE SIDE SLOPE FROM PAVEMENT BASE PER SOIL PREPARATION DETAILS ON SHEET LPD21. SEE LPXX SHEET SERIES FOR SOIL PREPARATION, TREES, AND LANDSCAPE. SEE UD SHEET SERIES FOR URBAN FURNISHINGS IN THIS ZONE.
2. MNRL AGG TYPE 2 WITH 6" MIN COMPACTED DEPTH UNO
3. RDWY CEM CONC, HES (72 HR), 15", LG COLOR.
4. CURB, CEMENT CONCRETE, W/25% POZZOLANS, LG COLOR, TYPE 410c
5. CURB, CEMENT CONCRETE, W/25% POZZOLANS, LG COLOR, TYPE 410c, ON RESTORED PAVEMENT PER DETAIL 1/PGD01
6. WMA DEPTH VARIES, WMA CL 1/2" OVER SURFACE PREPARATION
7. SIDEWALK, CEMENT CONCRETE, LG COLOR, PER STD PLAN 420
8. DRIVEWAY, CEMENT CONCRETE, HES (72 HR), 8", PER STD PLAN 430
9. GRANITE CURB PER DETAIL 5 ON PGD04
10. RDWY CEM CONC, HES (72 HR), 15", DG COLOR, PER DETAIL 6/PGD01
11. COBBLE PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 2/PGD01
12. COBBLE PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", WITH FLUSH CURB EDGE, PER DETAIL 3/PGD01
13. OCCIDENTAL BRICK N OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 3/PGD02
14. OCCIDENTAL BRICK W OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 2/PGD02
15. THERMAL COBBLE PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 2/PGD01
16. OCCIDENTAL BRICK W OVER NON–ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 3 1/2", PER DETAIL 1/PGD02
17. ALLEY PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 3/PGD04
18. ALLEY CONCRETE HEADER, DG COLOR, PER DETAIL 4/PGD04
19. 2" WMA CL 1/2" OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 12", TYPE 402B PER STD PLAN 402
20. 2" WMA CL 1/2" OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", TYPE 402B PER STD PLAN 402
21. OCCIDENTAL BRICK CONCRETE HEADER, LG COLOR, PER DETAIL 4/PGD02
23. SIDEWALK, CEMENT CONCRETE, LG COLOR, MODIFIED DEPTH 6 1/2", PER STD PLAN 420 AND DETAIL 6/PGD02
24. SIDEWALK, CEMENT CONCRETE, LG COLOR, MODIFIED DEPTH, 12", PER STD PLAN 420 AND DETAIL 5/PGD02
25. FLUSH CURB, CEM CONCRETE, W/25% POZZOLANS, DG COLOR, STD PLAN 410c, ON RDWY CEM CONC BASE, HES (72 HR), 10"
26. GRADING COBBLE PAVER AT ROAD EDGE PER DETAIL 5/PGD01
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29. SIDEWALK, THICKENED EDGE FOR LANDSCAPE FENCE AND KICKRAIL PER DETAILS ON UDD04. SEE UDxx DRAWING SERIES FOR LOCATION.

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ROADWAY SECTIONS

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KATHRYN M. GWILYM STATE OF WASHINGTON 36862 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021–061
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SCALE: H. NTS, V. NTS

PIONEER SQUARE EAST–WEST STREETS

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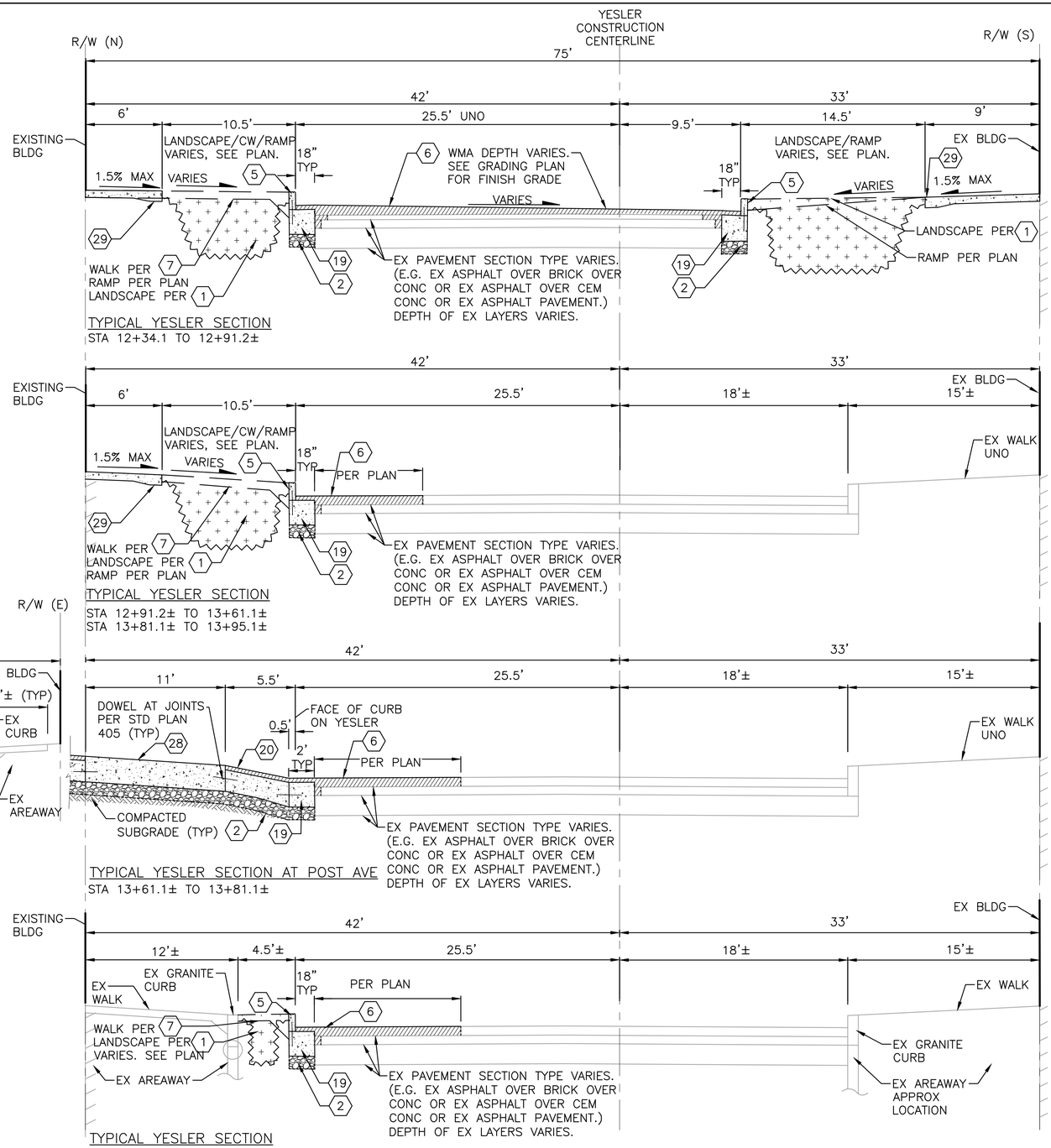

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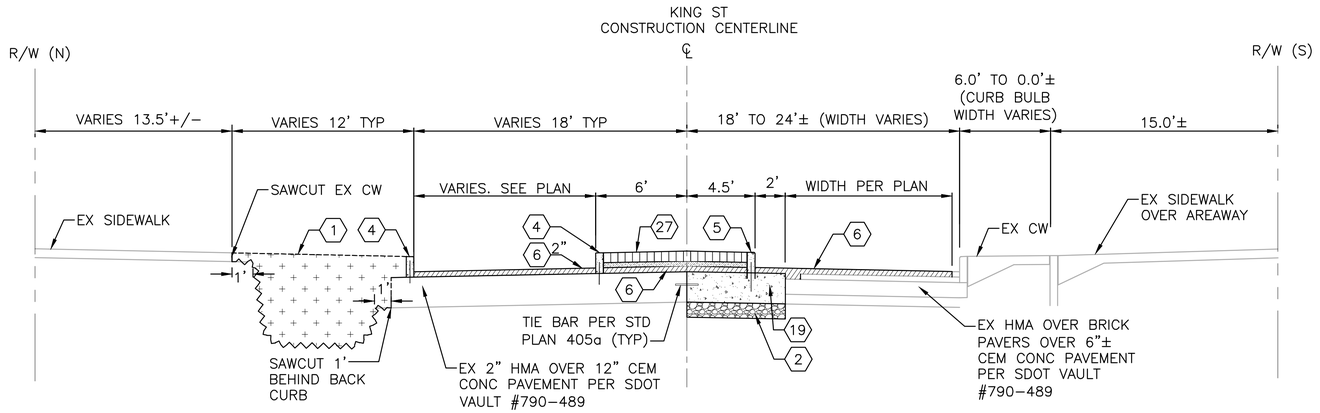
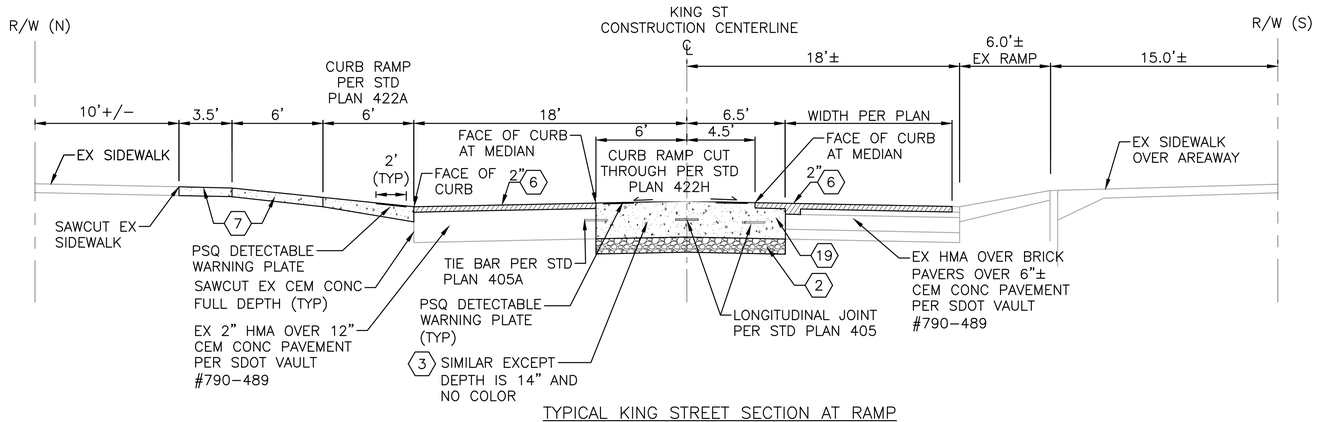
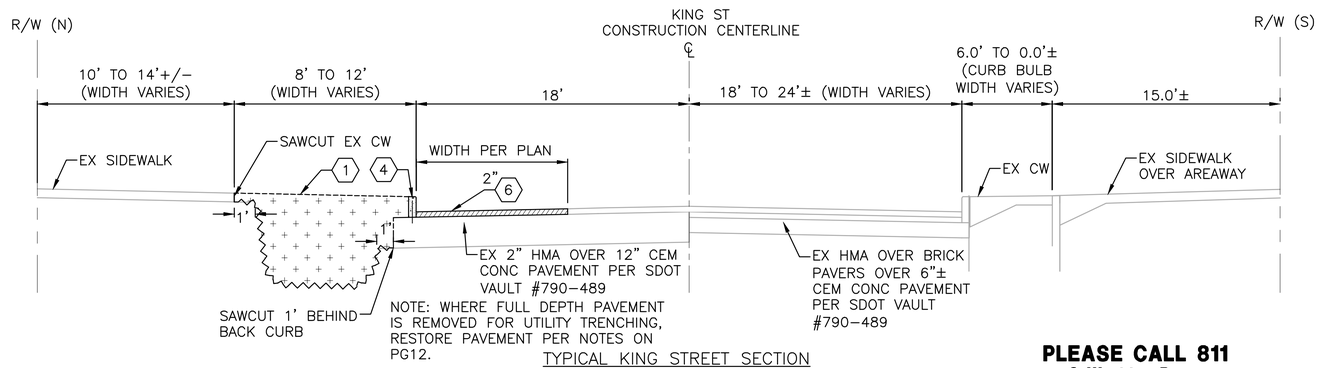


TYPICAL KING STREET SECTION AT MEDIAN
STA 72+51 TO 72+61
STA 72+71 TO 72+81



TYPICAL KING STREET SECTION AT RAMP
STA 72+61 TO 72+71



TYPICAL KING STREET SECTION
STA 72+81 TO 73+64

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9. GRANITE CURB PER DETAIL 5 ON PGD04
10. RDWY CEM CONC, HES (72 HR), 15", DG COLOR, PER DETAIL 6/PGD01
11. COBBLE PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 2/PGD01
12. COBBLE PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", WITH FLUSH CURB EDGE, PER DETAIL 3/PGD01
13. OCCIDENTAL BRICK N OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 3/PGD02
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ROADWAY SECTIONS

MARK	DATE	REVISIONS	MADE	CHK'D	REV'D

VAULT FORM NO. 38413

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KATHRYN M. GWILLYM
STATE OF WASHINGTON
38888
REGISTERED
PROFESSIONAL ENGINEER

Seattle
Department of
Transportation
ORDINANCE NO. . PW NO. 2021−061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE
EAST−WEST STREETS

JOB	PC JOB PC
	CO JOB CO
VPI #	792−293
	RS03
SHEET	51 OF 198

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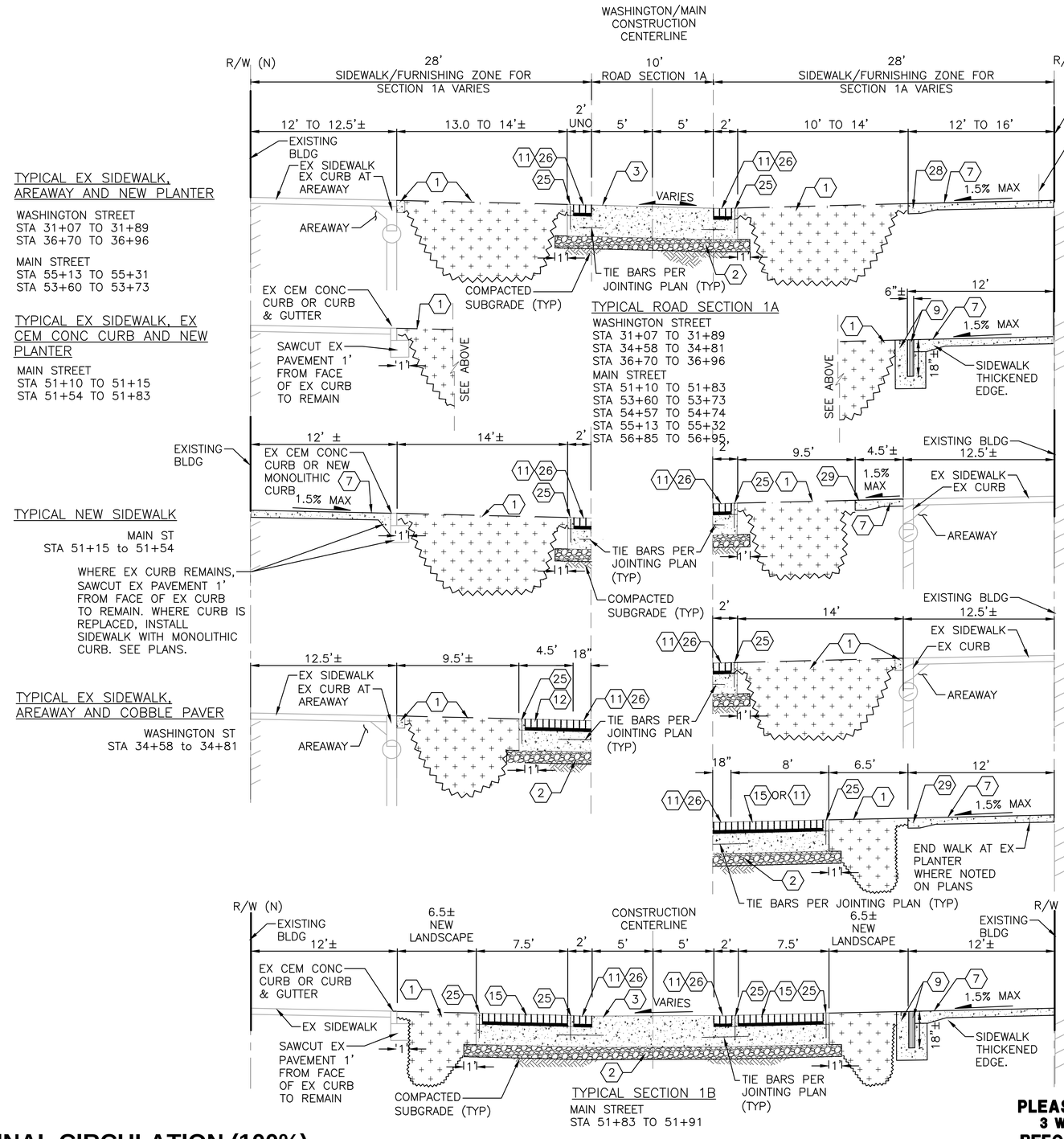

TYPICAL EX SIDEWALK, AREAWAY AND NEW PLANTER

WASHINGTON STREET
STA 31+07 TO 31+89
STA 36+70 TO 36+96

MAIN STREET
STA 55+13 TO 55+31
STA 53+60 TO 53+73

TYPICAL EX SIDEWALK, EX CEM CONC CURB AND NEW PLANTER

MAIN STREET
STA 51+10 TO 51+15
STA 51+54 TO 51+83

TYPICAL ROAD SECTION 1A

WASHINGTON STREET
STA 31+07 TO 31+89
STA 34+58 TO 34+81
STA 36+70 TO 36+96

MAIN STREET
STA 51+10 TO 51+83
STA 53+60 TO 53+73
STA 54+57 TO 54+74
STA 55+13 TO 55+32
STA 56+85 TO 56+95

TYPICAL NEW SIDEWALK

MAIN ST
STA 51+15 to 51+54

TYPICAL EX SIDEWALK, AREAWAY AND COBBLE PAVER

WASHINGTON ST
STA 34+58 to 34+81

TYPICAL SECTION 1B

MAIN STREET
STA 51+83 TO 51+91

TYPICAL NEW SIDEWALK AND PLANTER

WASHINGTON STREET
STA 31+07 TO 31+89
STA 36+79 TO 36+96

TYPICAL NEW SIDEWALK, GRANITE CURB AND PLANTER

MAIN STREET
STA 51+10 TO 51+83

TYPICAL NEW WALK AND PLANTER AT AREAWAY AND EX SIDEWALK

WASHINGTON STREET
STA 34+58 TO 34+81

MAIN ST
STA 56+88 to 56+95*
*AT EX FH, PROVIDE CONC SHEAR BLOCK AT EX FH PER STD PLAN 311a

TYPICAL NEW PLANTER AT AREAWAY AND EX SIDEWALK

MAIN ST
STA 56+85 to 56+88

TYPICAL NEW SIDEWALK AND THERMAL COBBLE PAVER/COBBLE PAVER

WASHINGTON ST
STA 36+70 to 36+79

MAIN ST
STA 53+60 TO 53+73

STREET SECTION NOTES

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CONSTRUCTION NOTES

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KATHRYN M. GWILLYM STATE OF WASHINGTON 38868 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
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SCALE: H. NTS, V. NTS

PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
RS04
SHEET 52 OF 198

MARK	NATURE	DATE	MADE CHK'D	REV'D

VAULT SERIAL NO. 3813

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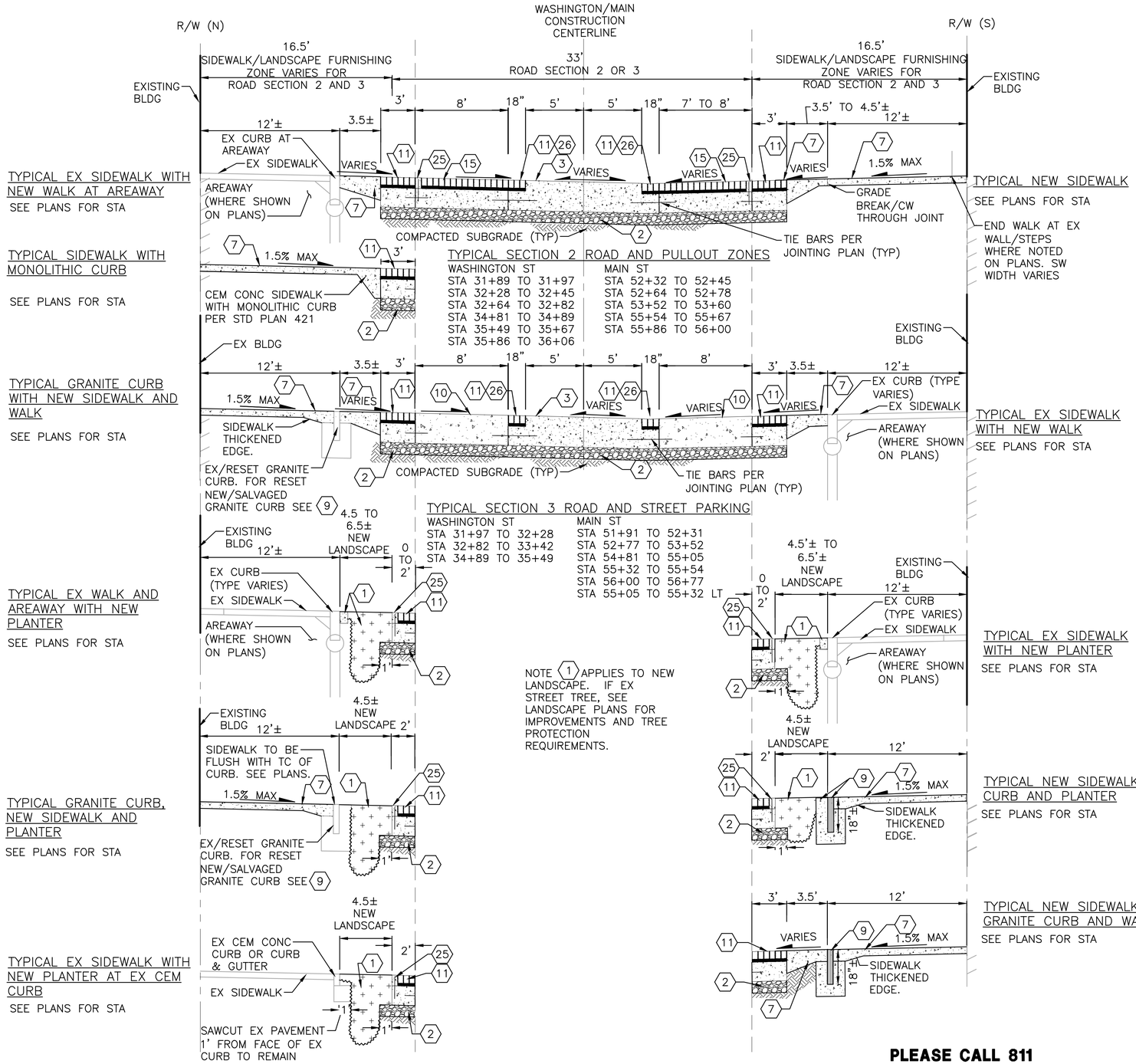

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Seattle Department of Transportation
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PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
RS05
SHEET 53 OF 198

MARK	DATE	NATURE OF REVISIONS	MADE	CHK'D	REV'D

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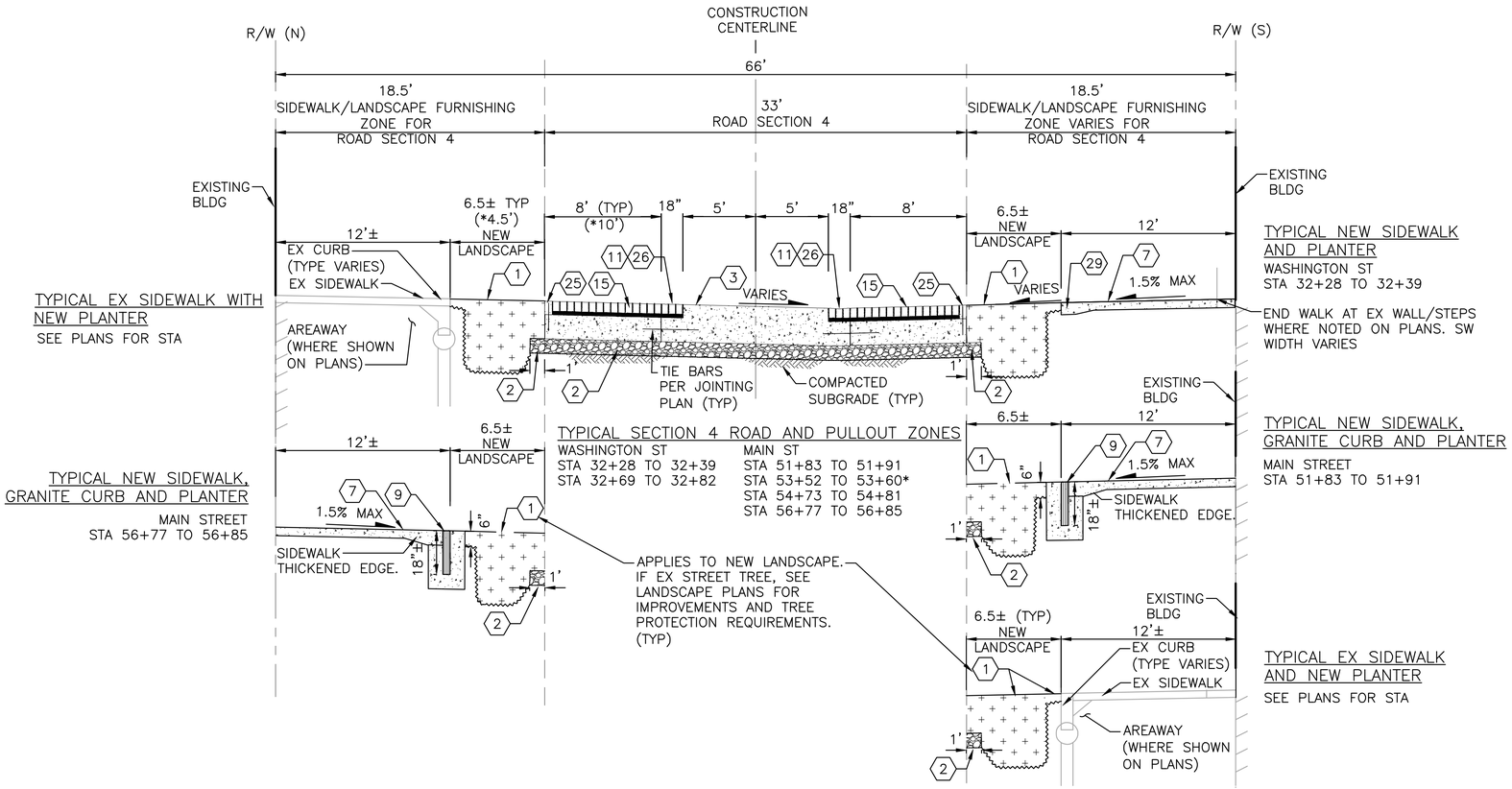

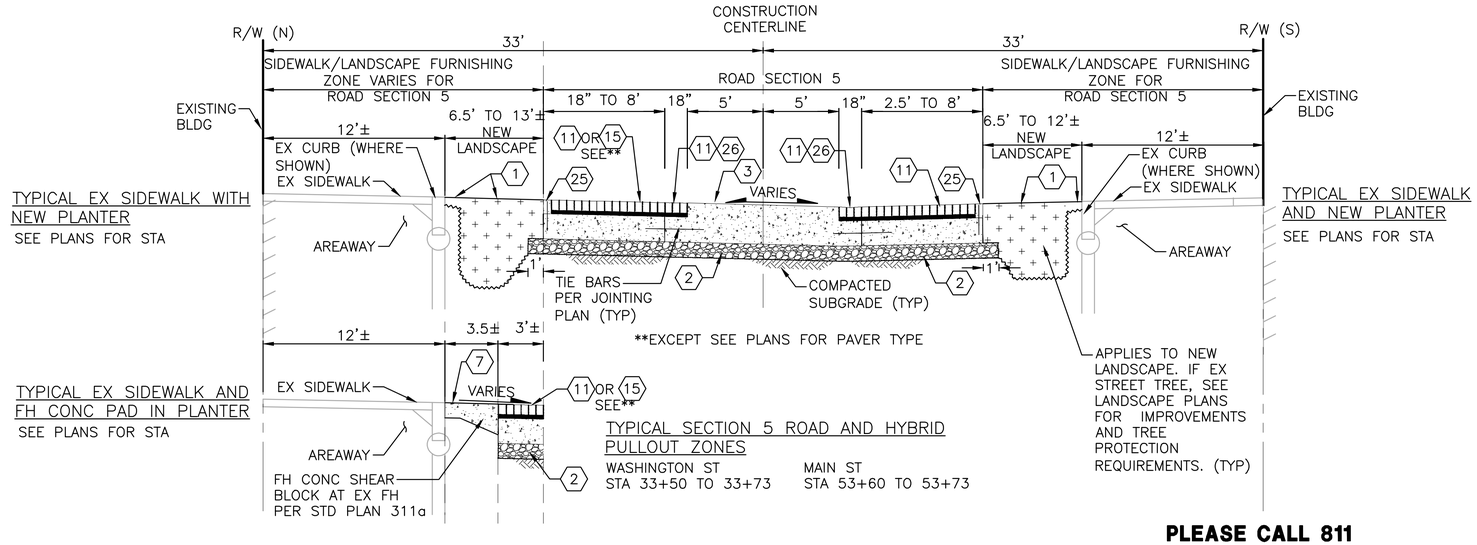

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36885
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PROFESSIONAL ENGINEER

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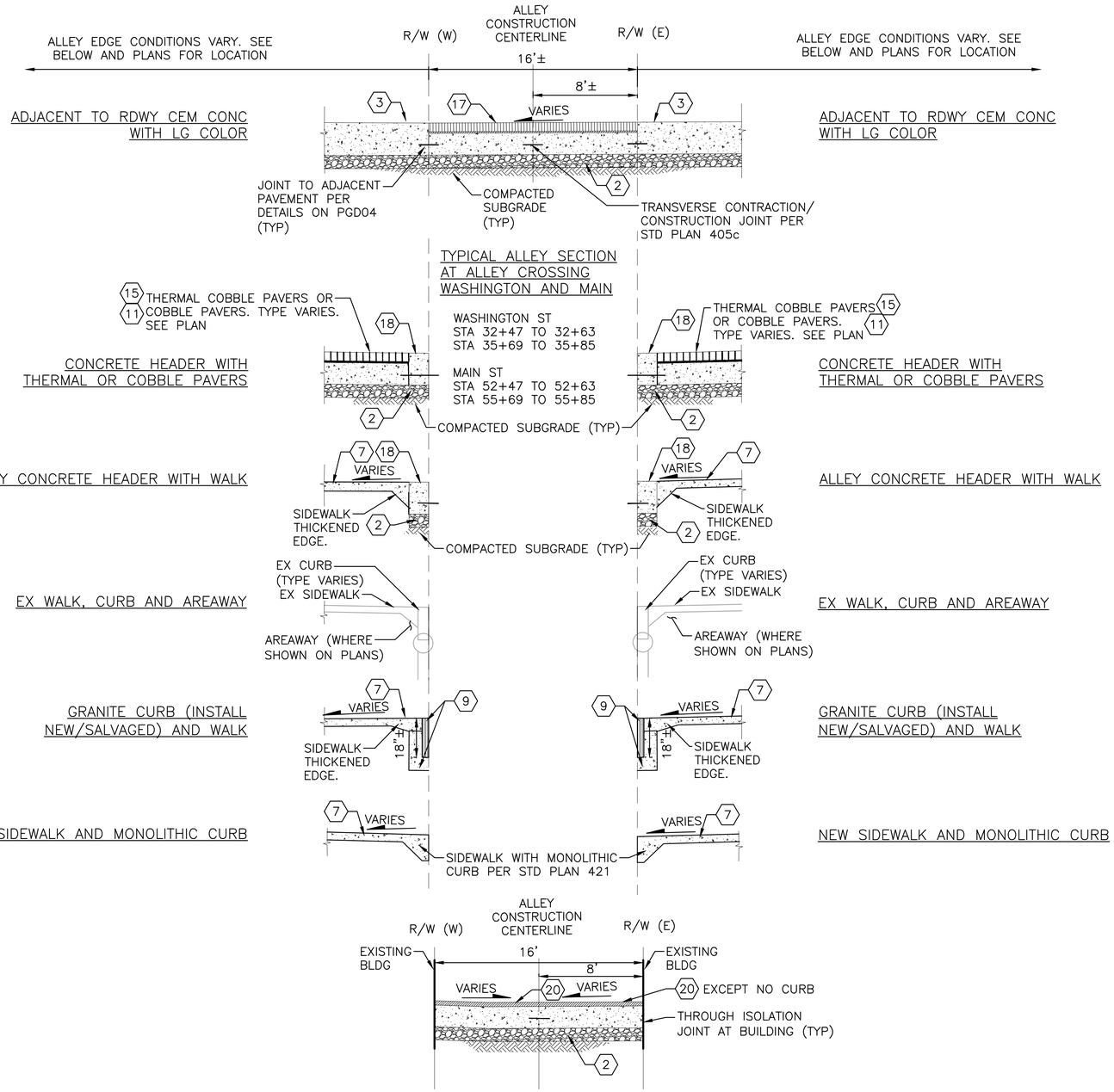

SHORELINE ALLEY PAVER SECTION
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STA 85+80 TO 85+68
STA 86+46 TO 86+59

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STREET SECTION NOTES

1. SEE DRAWING SERIES PG XX FOR LIMITS OF PAVEMENT RESTORATION, SLOPES, GRADES, DIMENSIONS AND ELEVATIONS. STATIONS NOTED IN SECTIONS ARE APPROXIMATE. SEE PGD SHEETS FOR PAVING DETAILS.
2. SEE LPXX and UDXX SHEET SERIES FOR LANDSCAPE AND URBAN DESIGN FURNISHINGS, INCLUDING BUT NOT LIMITED TO BIKE RACKS, BOLLARDS, KICK RAILS, PIERS, DECKING AND PUBLIC SEATING ELEMENTS.
3. OVEREXCAVATION, REPLACEMENT OF UNSUITABLE SUBGRADE SOILS, AND IMPROVEMENTS TO EXISTING SUBGRADE SOILS TO BE PER THE DIRECTION OF THE ENGINEER.
4. MATCH TO EXISTING BUILDING ENTRANCE GRADE, UNLESS OTHERWISE NOTED.
5. PAVEMENT DEPTH TO BE AS SHOWN OR MATCH EXISTING, WHICHEVER IS GREATER.
6. FILL, IF NEEDED, BELOW PAVEMENT SECTIONS MUST BE MNRL AGG TYPE 17.

CONSTRUCTION NOTES

1. AMEND SOILS IN LANDSCAPE AREAS. PROVIDE SIDE SLOPE FROM PAVEMENT BASE PER SOIL PREPARATION DETAILS ON SHEET LPD21. SEE LPXX SHEET SERIES FOR SOIL PREPARATION, TREES, AND LANDSCAPE. SEE UD SHEET SERIES FOR URBAN FURNISHINGS IN THIS ZONE.
2. MNRL AGG TYPE 2 WITH 6" MIN COMPACTED DEPTH UNO
3. RDWY CEM CONC, HES (72 HR), 15", LG COLOR.
4. CURB, CEMENT CONCRETE, W/25% POZZOLANS, LG COLOR, TYPE 410c
5. CURB, CEMENT CONCRETE, W/25% POZZOLANS, LG COLOR, TYPE 410c, ON RESTORED PAVEMENT PER DETAIL 1/PGD01
6. WMA DEPTH VARIES, WMA CL 1/2" OVER SURFACE PREPARATION
7. SIDEWALK, CEMENT CONCRETE, LG COLOR, PER STD PLAN 420
8. DRIVEWAY, CEMENT CONCRETE, HES (72 HR), 8", PER STD PLAN 430
9. GRANITE CURB PER DETAIL 5 ON PGD04
10. RDWY CEM CONC, HES (72 HR), 15", DG COLOR, PER DETAIL 6/PGD01
11. COBBLE PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 2/PGD01
12. COBBLE PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", WITH FLUSH CURB EDGE, PER DETAIL 3/PGD01
13. OCCIDENTAL BRICK N OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 3/PGD02
14. OCCIDENTAL BRICK W OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 2/PGD02
15. THERMAL COBBLE PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 2/PGD01
16. OCCIDENTAL BRICK W OVER NON-ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 3 1/2", PER DETAIL 1/PGD02
17. ALLEY PAVER OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", PER DETAIL 3/PGD04
18. ALLEY CONCRETE HEADER, DG COLOR, PER DETAIL 4/PGD04
19. 2" WMA CL 1/2" OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 12", TYPE 402B PER STD PLAN 402
20. 2" WMA CL 1/2" OVER ROADWAY CEMENT CONCRETE BASE, HES (72 HR), 10", TYPE 402B PER STD PLAN 402
21. OCCIDENTAL BRICK CONCRETE HEADER, LG COLOR, PER DETAIL 4/PGD02
23. SIDEWALK, CEMENT CONCRETE, LG COLOR, MODIFIED DEPTH 6 1/2", PER STD PLAN 420 AND DETAIL 6/PGD02
24. SIDEWALK, CEMENT CONCRETE, LG COLOR, MODIFIED DEPTH, 12", PER STD PLAN 420 AND DETAIL 5/PGD02
25. FLUSH CURB, CEM CONCRETE, W/25% POZZOLANS, DG COLOR, STD PLAN 410c, ON RDWY CEM CONC BASE, HES (72 HR), 10"
26. GRADING COBBLE PAVER AT ROAD EDGE PER DETAIL 5/PGD01
27. COBBLE PAVER MEDIAN, PER DETAIL 7/PGD04
28. RDWY CEM CONC, HES (72 HR), 12" LG COLOR, PER STD PLAN 402A
29. SIDEWALK, THICKENED EDGE FOR LANDSCAPE FENCE AND KICKRAIL PER DETAILS ON UDD04. SEE UDxx DRAWING SERIES FOR LOCATION.

ROADWAY SECTIONS

FINAL CIRCULATION (100%)

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INITIALS AND DATE		INITIALS AND DATE	
DESIGNED KG 6/3/2022		REVIEWED:	
CHECKED DR 6/3/2022		DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN JA, JZ 6/3/2022		RECEIVED	
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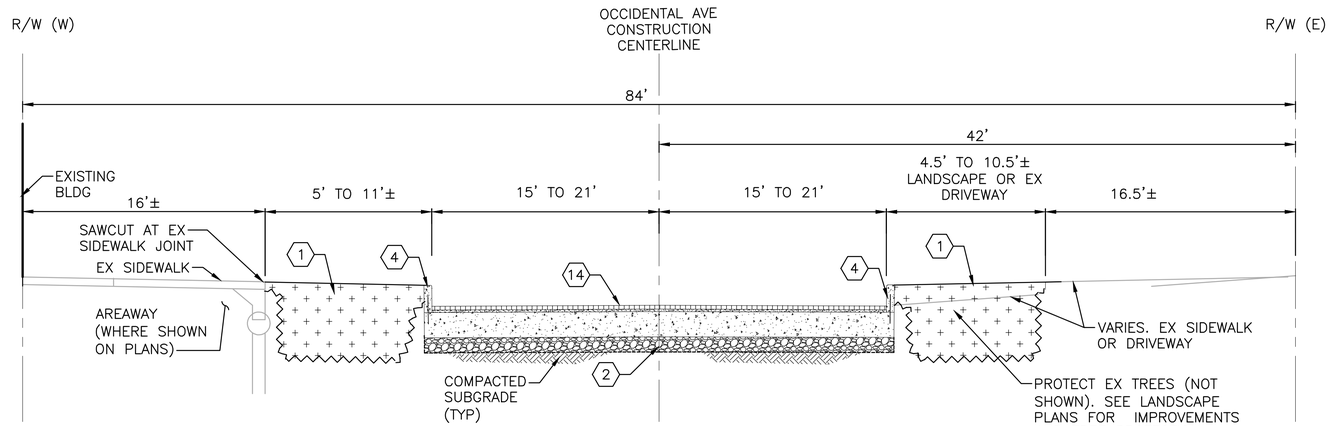
KATHRYN M. GWILLYM — STATE OF WASHINGTON — 39828 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
####
SCALE: H. NTS, V. NTS

PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
RS07
SHEET 55 OF 198

Z:\Shared\Seattle - Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\02 Washington Street\051 RS07.dwg
Jun-08-22 2:28pm



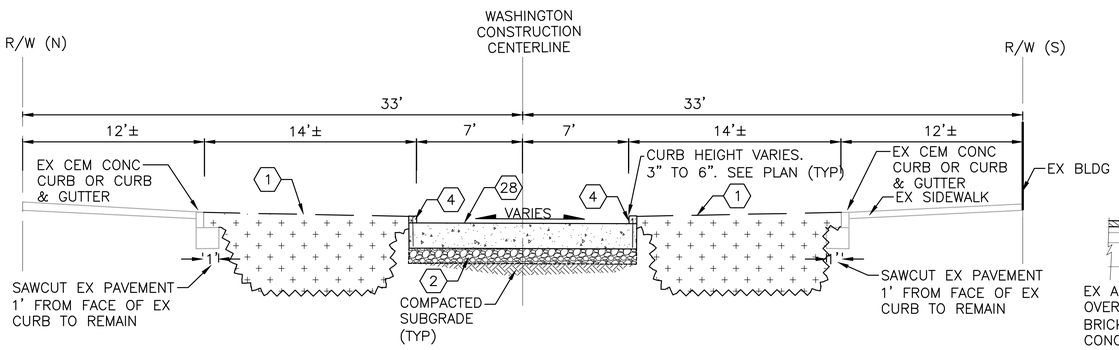
TYPICAL OCCIDENTAL ROAD SECTION W

OCCIDENTAL AVE
STA 116+47 TO STA 116+73
WASHINGTON STA 37+37.5, 35' LT TO 61' LT

TYPICAL ROAD SECTION AT OCCIDENTAL AVE S INTERSECTION WITH MAIN AND WASHINGTON

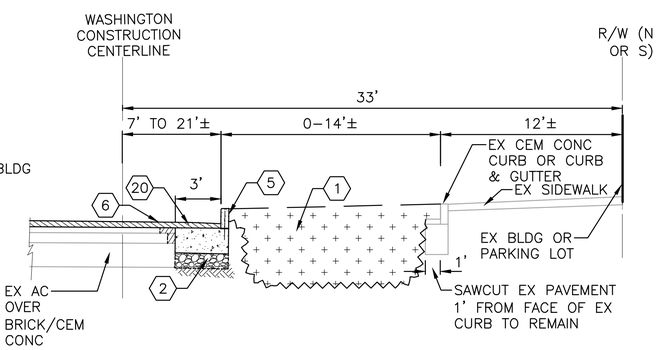
FOR OCCIDENTAL ROAD SECTION IN THE INTERSECTION OF S.WASHINGTON ST SEE DETAILS ON PGD02

FOR OCCIDENTAL ROAD SECTION IN THE INTERSECTION OF S. MAIN ST SEE DETAILS ON PGD03



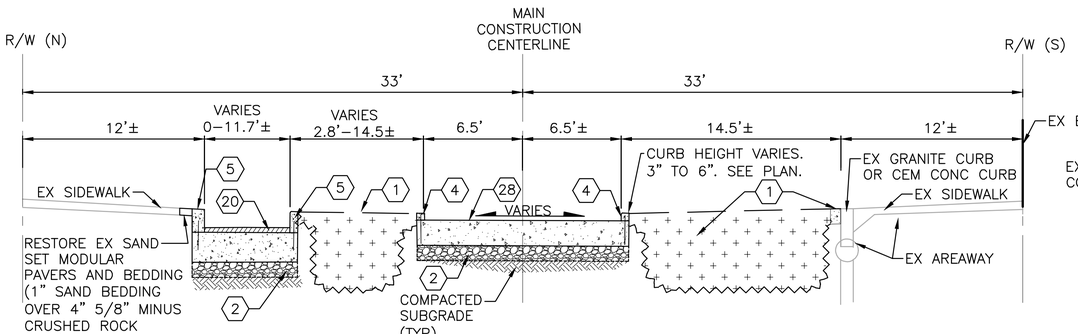
TYPICAL CEM CONC EAST APPROACH SECTION TO OCCIDENTAL

WASHINGTON ST STA 37+79 TO 37+92



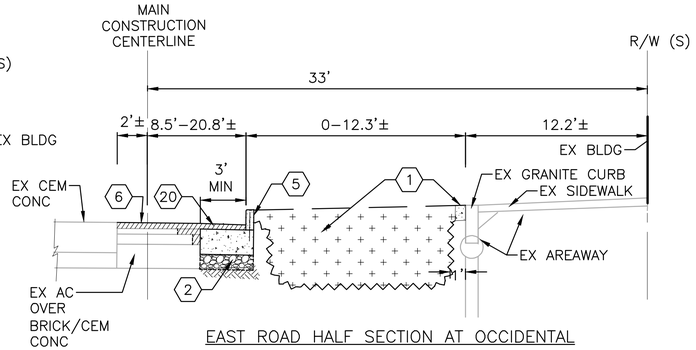
HALF SECTION OF WASHINGTON EAST OF OCCIDENTAL

WASHINGTON ST STA 37+92 TO 38+21



TYPICAL CEM CONC EAST APPROACH SECTION TO OCCIDENTAL

MAIN ST STA 57+80 TO 57+95



EAST ROAD HALF SECTION AT OCCIDENTAL

MAIN ST STA 57+95 TO 58+15±

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ROADWAY SECTIONS

FINAL CIRCULATION (100%)

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KATHRYN M. GWILLIM — STATE OF WASHINGTON — 36992 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021–061
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SCALE: H. NTS, V. NTS

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
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SHEET 56 OF 198

MARK	DATE	BY	REVISIONS

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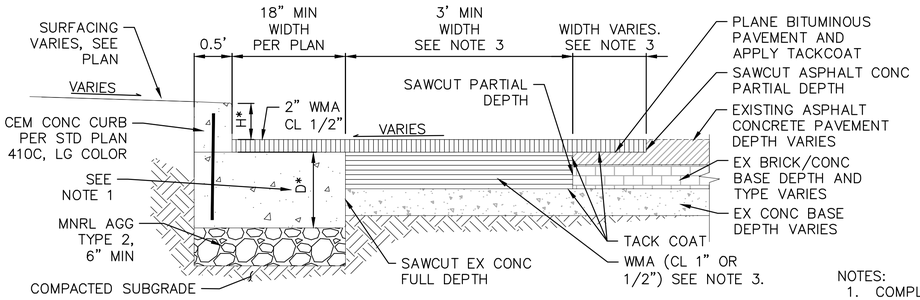
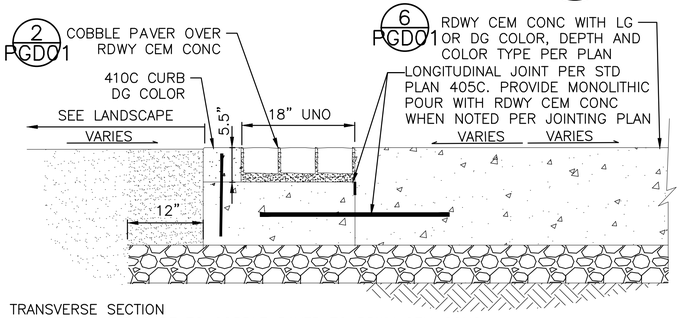
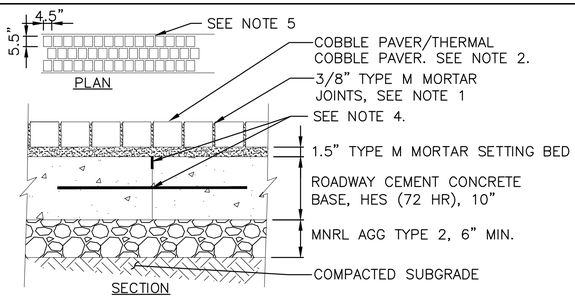


NOTES:
1. ROADWAY CEMENT CONCRETE BASE, HES (72 HR). D* = DEPTH. DEPTH AS FOLLOWS OR MATCH EXISTING CONCRETE ROADWAY DEPTH, WHICHEVER IS GREATER:
   YESLER WAY, WESTERN AVENUE, AND FIRST AVENUE: 12"
   S. WASHINGTON STREET, S. MAIN STREET AND POST AVENUE: 10"
2. H* = 6" UNO ON PLAN.
3. WIDTH AND DEPTH OF RESTORATION TO MEET REQUIREMENTS OF "RIGHT OF WAY OPENING AND RESTORATION RULES". DEPTH VARIES.
4. DEPTHS NOTED ARE COMPACTED DEPTHS.

410C CURB AT EX PAVEMENT — 1 — NTS VARIES

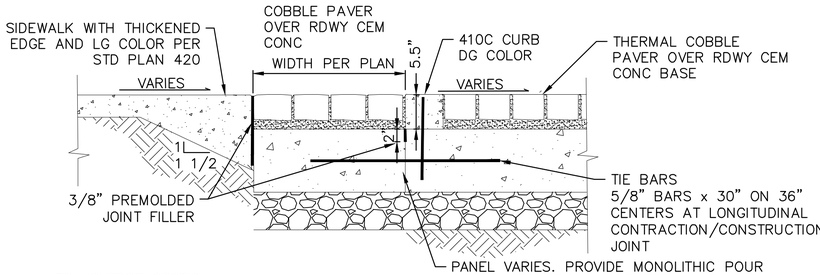


TRANSVERSE SECTION
TRANSITION LANDSCAPE TO COBBLE PAVER TO RDWY CEM CONC

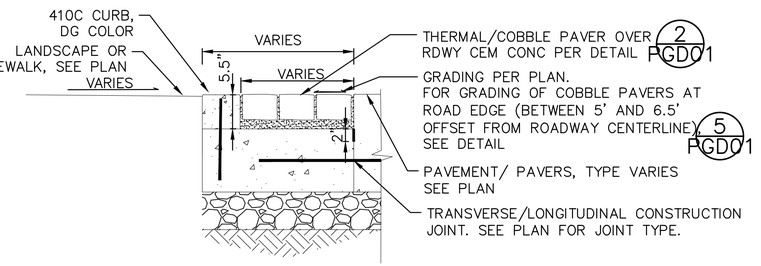


NOTES:
1. COMPLETELY FILL JOINTS WITH MORTAR TO MINIMIZE MOISTURE PENETRATION. TYPE M MORTAR FOR SETTING BED MORTAR TO CONFORM TO ASTM C270.
2. THERMAL COBBLE PAVERS SHALL HAVE TREATED FACE EXPOSED AT TOP WEARING COURSE. COBBLE PAVERS HAVE SPLIT FACE EXPOSED AT TOP WEARING COURSE. SEE SPECIFICATIONS. PAVER TYPE PER PLAN.
3. DEPTHS NOTED ARE COMPACTED DEPTHS.
4. ALIGN PAVER JOINTS WITH ROADWAY CEMENT CONCRETE BASE TRANSVERSE/LONGITUDINAL JOINTS.
5. THERMAL/COBBLE PAVERS TO BE RUNNING BOND PATTERN IN EAST–WEST DIRECTION.
6. SEE DETAILS ON PGD05–PGD07 FOR LAYOUT OF PAVERS AT UTILITY ACCESS COVERS GIVEN PAVER TYPE.
7. PROVIDE SHOP DRAWING FOR JOINT LAYOUT OF RDWY CEM CONCRETE BASE. SEE SPECIFICATIONS AND CP## DRAWING SERIES.
8. SEE DETAIL 3/PGD01 FOR FLUSH CURB AT THERMAL/COBBLE PAVERS, DETAIL 4/PGD01 FOR JOINT TRANSITION WITH OTHER PAVEMENT TYPES AND DETAIL 5/PGD01 FOR GRADING COBBLE PAVER AT ROAD EDGE.

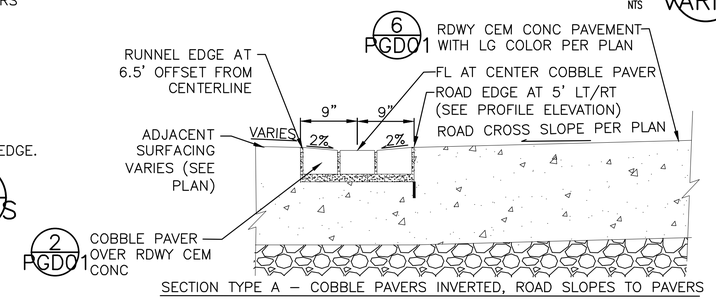
THERMAL/COBBLE PAVER OVER RDWY CEM CONC — 2 — NTS VARIES



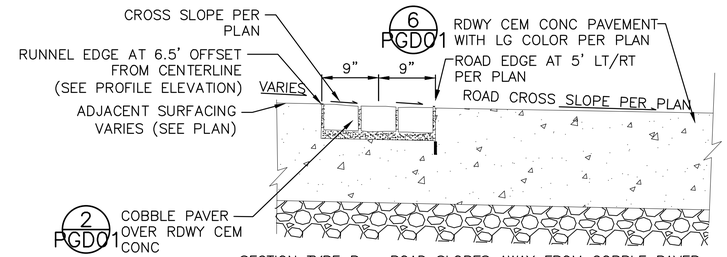
TRANSVERSE SECTION
TRANSITION SIDEWALK TO COBBLE PAVER TO THERMAL COBBLE PAVER



COBBLE PAVER WITH FLUSH CURB EDGE — 3 — NTS VARIES

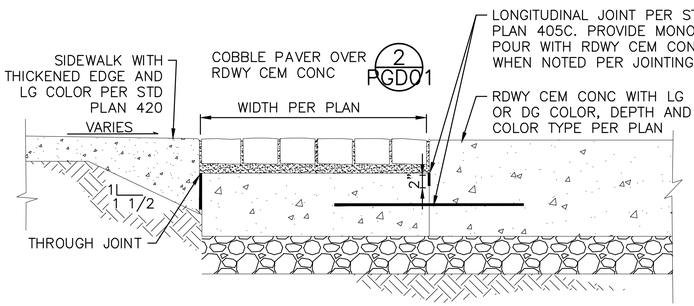


SECTION TYPE A – COBBLE PAVERS INVERTED, ROAD SLOPES TO PAVERS

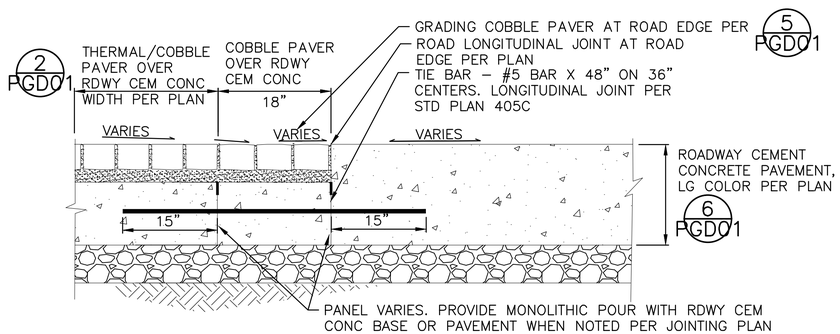


SECTION TYPE B – ROAD SLOPES AWAY FROM COBBLE PAVER

NOTES:
1. ROAD CROSS SLOPE AND FLOW LINE (FL) IS PER PG DRAWING SHEETS.

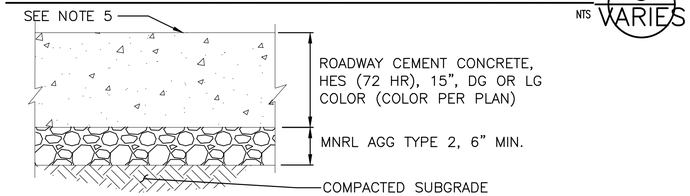


TRANSVERSE SECTION
TRANSITION SIDEWALK TO COBBLE PAVER TO RDWY CEM CONC



TRANSVERSE RDWY SECTION THROUGH RDWY LONGITUDINAL JOINT
TRANSITION THERMAL COBBLE PAVER TO COBBLE PAVER TO RDWY CEM CONC

GRADING COBBLE PAVER AT ROAD EDGE — 5 — NTS VARIES



NOTES:
1. DEPTHS NOTED ARE COMPACTED DEPTHS.
2. LONGITUDINAL AND TRANSVERSE JOINT LAYOUT PER PLAN.
3. JOINT DETAILS PER STD PLAN 405c AND DETAILS ON PLANS.
4. REFERENCE STD SPEC SEC 4–04, 5–05.
5. SCORING AND FINISH FOR CEMENT CONCRETE ON WASHINGTON AND MAIN STREETS PER CP DRAWING SERIES.
6. PROVIDE SHOP DRAWING FOR JOINT LAYOUT. SEE CPXX DRAWING SERIES AND SPECIFICATIONS.

TYPICAL JOINT SECTIONS BETWEEN COBBLE/THERMAL PAVER, SIDEWALK AND RDWY CEM CONC PAV — 4 — NTS VARIES

TYP SECTION RDWY CEM CONC PAV, DG/LG COLOR — 6 — NTS VARIES

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KATHRYN M. GWILYM — STATE OF WASHINGTON — 38908 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
PGD01
SHEET 57 OF 198

NO.	DATE	MARK	NATURE REVISIONS

MAILE SERIAL NO. 3813

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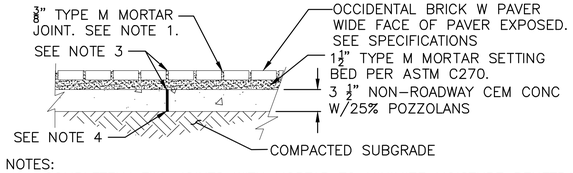

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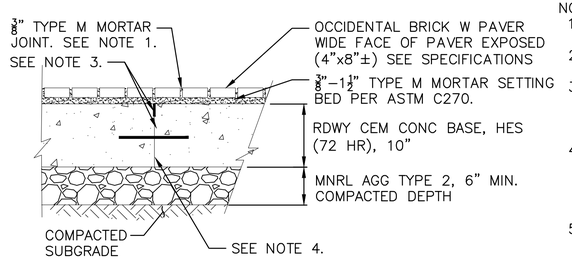
4. ⅜" THROUGH AND CONTRACTION JOINTS FOR NON-ROADWAY CEM CONC MUST BE LOCATED AS REQUIRED PER STD PLAN 420.

OCCIDENTAL BRICK W OVER NON-RDWY CEM (1 PG07) NTS



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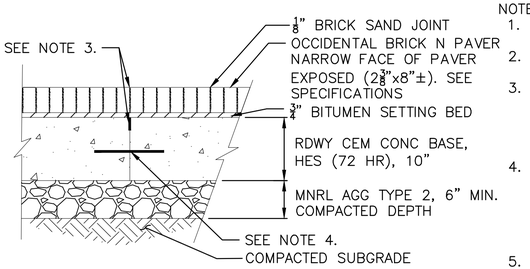
2. DEPTHS NOTED ARE COMPACTED DEPTHS.
3. ALIGN BRICK JOINTS WITH UNDERLYING ROADWAY CEMENT CONCRETE BASE EXPANSION, CONTRACTION, CONSTRUCTION JOINTS.
4. JOINTS FOR RDWY CEM CONC BASE PANELS PER STD PLAN 405 AND AS NOTED ON THE PLANS. PROVIDE SHOP DRAWING FOR JOINT LAYOUT. SEE SPECIFICATIONS.
5. LAYOUT OF PAVERS AT UTILITY ACCESS COVERS, PER DETAILS ON PGD05–PGD07 FOR PAVER TYPE AND ACCESS COVER TYPE.

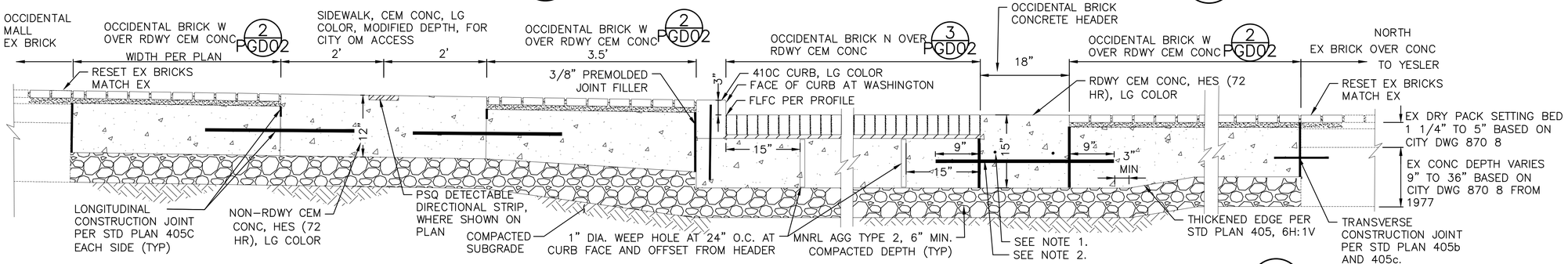
OCCIDENTAL BRICK W OVER ROADWAY CONC CEM (2 VARIES) NTS



NOTES:
1. COMPLETELY FILL JOINTS BETWEEN BRICKS.
2. DEPTHS NOTED ARE COMPACTED DEPTHS.
3. ALIGN BRICK PAVER JOINTS WITH UNDERLYING ROADWAY CEMENT CONCRETE BASE EXPANSION, CONTRACTION, CONSTRUCTION JOINTS.
4. JOINTS FOR RDWY CEM CONC BASE PANELS PER STD PLAN 405 AND AS NOTED ON THE PLANS. PROVIDE SHOP DRAWING FOR JOINT LAYOUT. SEE SPECIFICATIONS.
5. SEE NOTE 5 IN DETAIL 2 THIS SHEET.

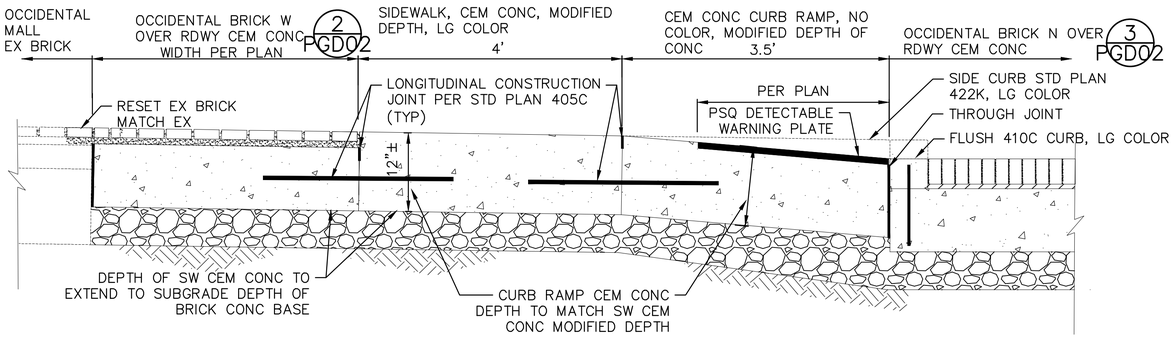
OCCIDENTAL BRICK N OVER ROADWAY CONC CEM (3 VARIES) NTS

SOUTH



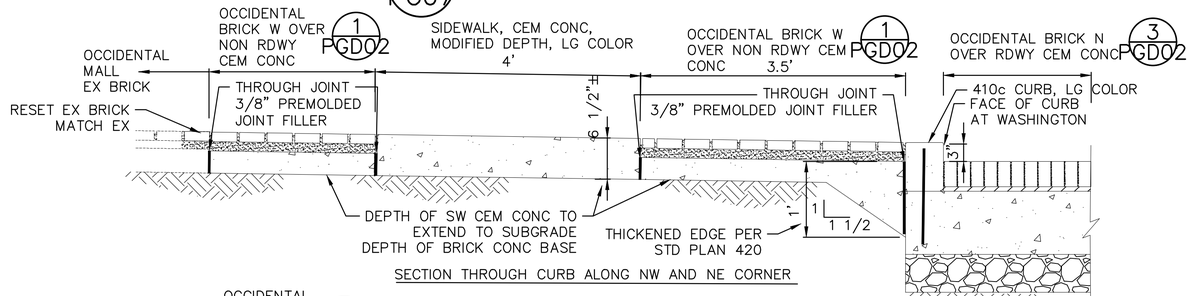
NOTES:
1. OCCIDENTAL BRICK CONCRETE HEADER LONGITUDINAL CONSTRUCTION/CONTRACTION JOINT PER STD PLAN 405c. JOINT AND BARS TO ALIGN WITH OCCIDENTAL BRICK N'S RDWY CEM CONC BASE LONGITUDINAL JOINT.
2. OCCIDENTAL BRICK CONCRETE HEADER TRANSVERSE CONSTRUCTION JOINT PER STD PLAN 405c, EXCEPT DOWEL LENGTH 36" AND CONTINUOUS THROUGH HEADER TO RDWY CEM CONC BASE ON EACH SIDE.
3. DEPTHS NOTED ARE COMPACTED DEPTH.
4. SEE DETAIL 5 ON PGD02 FOR SECTION THROUGH CURB RAMPS ON SOUTH SIDE OF WASHINGTON AT OCCIDENTAL AVE S.

TYPICAL LONGITUDINAL SECTION ALONG OCCIDENTAL AVE S CONSTRUCTION CENTERLINE AT WASHINGTON (4 PG07) NTS

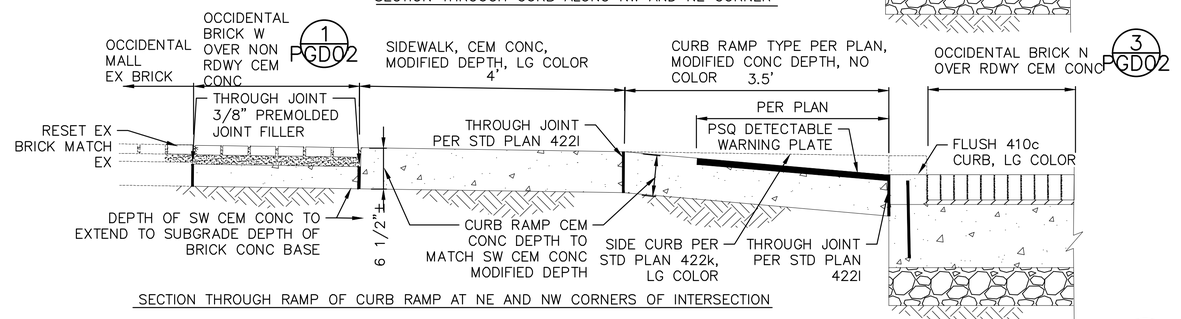


SECTION THROUGH RAMP OF CURB RAMPS ON SOUTH SIDE OF INTERSECTION

TRANSITION AT CURB RAMP ON SOUTH SIDE OF WASHINGTON AT OCCIDENTAL (5 PG07) NTS



SECTION THROUGH CURB ALONG NW AND NE CORNER



SECTION THROUGH RAMP OF CURB RAMP AT NE AND NW CORNERS OF INTERSECTION

TRANSITION AT CURB RETURN AT NW/NE CORNER OF WASHINGTON AND OCCIDENTAL (6 PG07) NTS

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3 Working Days
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CHECKED	DR 6/3/2022	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN	JA, KG 6/3/2022	RECEIVED	
CHECKED	DR 6/3/2022	REVISED AS BUILT	

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KATHRYN M. GWILLIM — STATE OF WASHINGTON — 36885 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
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PW NO. 2021-061
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB: PC JOB PC; CO JOB CO
VPI # 792-293
PGD02
SHEET 58 OF 198

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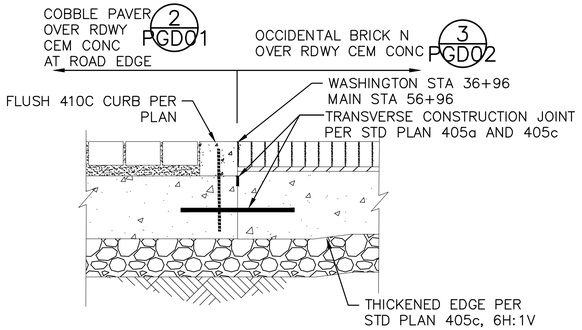
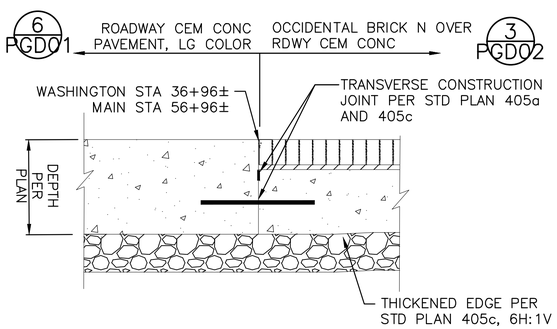
Jun-09-22 9:50am



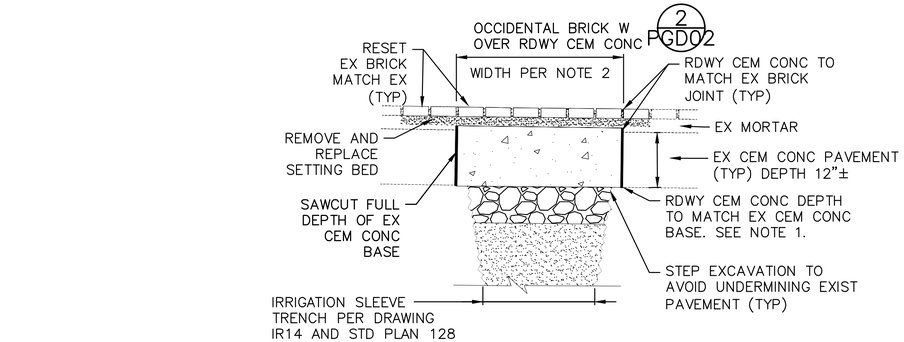
WEST SIDE OF OCCIDENTAL INTERSECTION
OCCIDENTAL BRICK N TO COBBLE PAVER AT ROAD EDGE



WEST SIDE OF OCCIDENTAL INTERSECTION
OCCIDENTAL BRICK N TO RDWY CEM CONC

TRANSVERSE CONSTRUCTION JOINT SECTIONS FOR OCCIDENTAL BRICK N TO MISC PAVEMENT TYPES

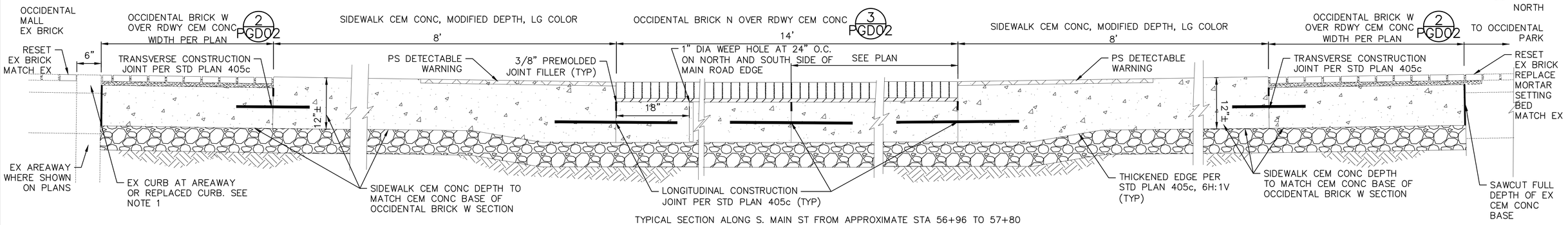
NTS 1 PG07, PG10



NOTES:
1. DEPTH OF RESTORATION MUST MEET THE REQUIREMENTS OF THE "RIGHT OF WAY OPENING AND RESTORATION RULES".
2. WIDTH OF RESTORATION MUST EXTEND FULL PANEL WIDTH OR AS REQUIRED IN THE "RIGHT OF WAY OPENING AND RESTORATION RULES" FOR OVERSIZED OR NON-STANDARD PANELS.

EX OCCIDENTAL BRICK W PAVEMENT PATCHING

NTS 3 PG14

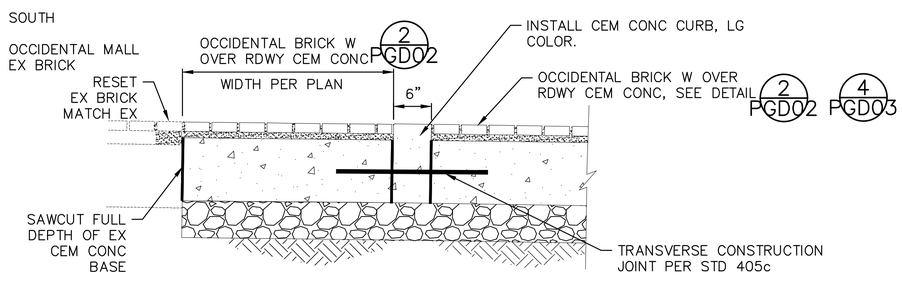


TYPICAL SECTION ALONG S. MAIN ST FROM APPROXIMATE STA 56+96 TO 57+80

NOTES:
1. AT EX RAMPS ON SOUTH SIDE OF MAIN TO BE REMOVED AND REGRADED, SECTION PER DETAIL 5 PGD03
2. COMPLETELY FILL JOINTS TO MINIMIZE MOISTURE PENETRATION.
3. DEPTHS NOTED ARE COMPACTED DEPTHS.
4. ALIGN BRICK JOINTS WITH UNDERLYING CEM CONC BASE THROUGH AND CONTRACTION, AND CONSTRUCTION JOINTS.

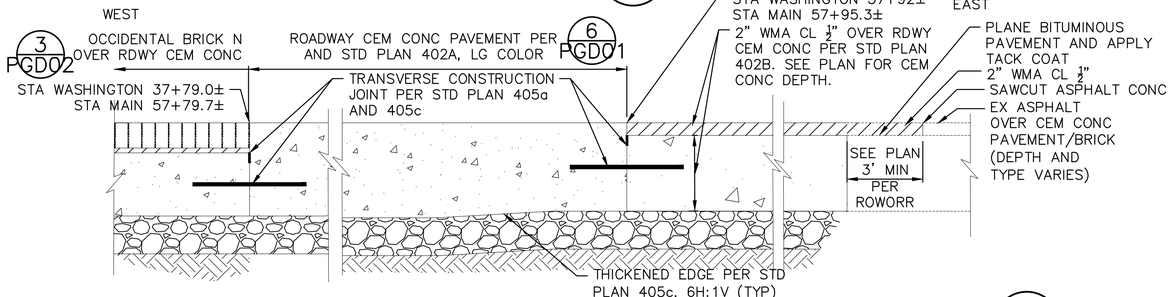
TYPICAL SECTION ALONG OCCIDENTAL AVE S CONSTRUCTION CENTERLINE CROSSING S MAIN ST

NTS 4 PG10, PG11



TYPICAL SECTION AT EX RAMP TO BE REMOVED ON SOUTH SIDE OF MAIN

NTS 5 PG11



TYPICAL SECTION FOR EAST APPROACH TO OCCIDENTAL AVE

NTS 6 PG07, PG11

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DRAWN JA, KG 6/3/2022	RECEIVED
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KATHRYN M. GWILYM — STATE OF WASHINGTON — 38813 — REGISTERED PROFESSIONAL ENGINEER

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			MAKE EXHIBIT

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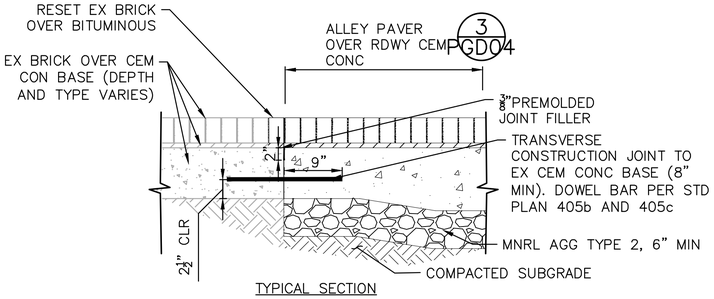
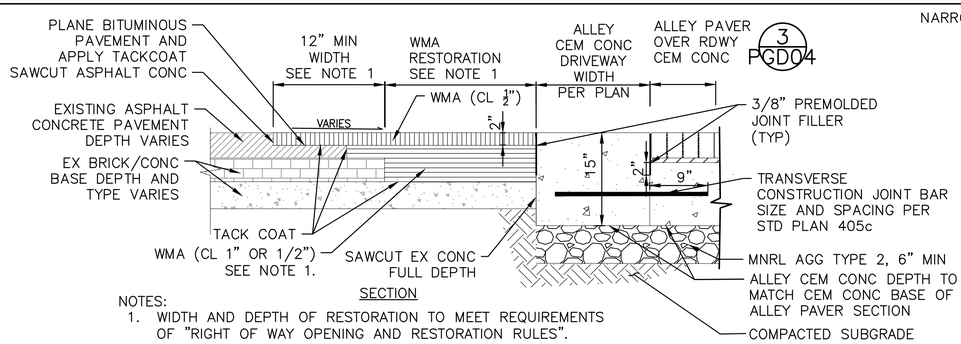


TYPICAL SECTION

TRANSITION ALLEY PAVER TO EX BRICK ALLEY 1

NTS VARIES

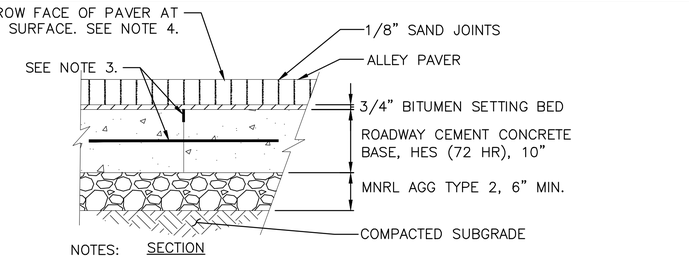


SECTION

NOTES:
1. WIDTH AND DEPTH OF RESTORATION TO MEET REQUIREMENTS OF "RIGHT OF WAY OPENING AND RESTORATION RULES".
2. DEPTHS NOTED ARE COMPACTED DEPTHS.

TRANSITION ALLEY PAVER TO EX HMA ALLEY 2

NTS VARIES

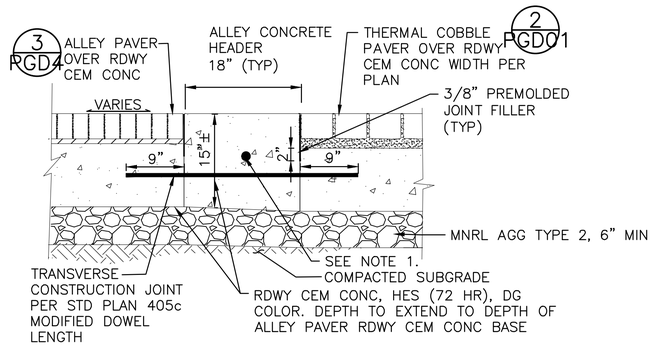


SECTION

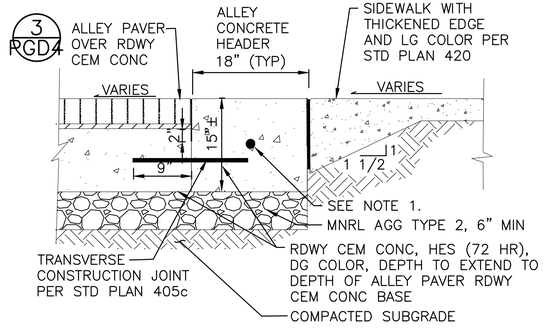
NOTES:
1. COMPLETELY FILL JOINTS TO MINIMIZE MOISTURE PENETRATION.
2. DEPTHS NOTED ARE COMPACTED DEPTHS.
3. ALIGN PAVER JOINTS WITH UNDERLYING ROADWAY CEMENT CONCRETE BASE TRANSVERSE/LONGITUDINAL JOINTS .
4. SEE SPECIFICATIONS AND PLANS AND PGD09–PGD11 FOR LAYOUT OF ALLEY PAVERS. SEE DETAILS ON PGD05–PGD07 FOR LAYOUT OF PAVERS AT UTILITY ACCESS COVERS GIVEN PAVER TYPE AND UTILITY COVER TYPE.

ALLEY PAVER OVER RDWY CEM CONC 3

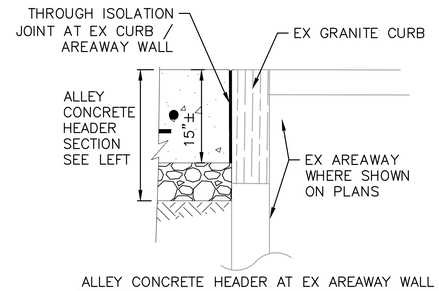
NTS VARIES



ALLEY CONCRETE HEADER JOINT BETWEEN ALLEY AND THERMAL PAVERS



ALLEY CONCRETE HEADER JOINT BETWEEN ALLEY PAVER AND SIDEWALK

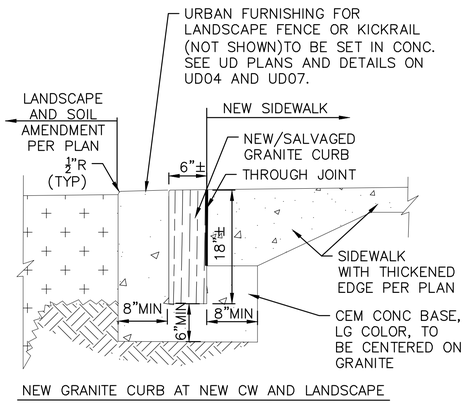


ALLEY CONCRETE HEADER AT EX AREAWAY WALL

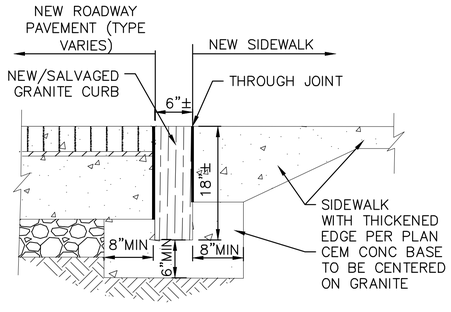
NOTES:
1. TRANSVERSE CONTRACTION JOINT PER STD PLAN 405C. JOINT TO ALIGN WITH ALLEY'S TRANSVERSE JOINT.
2. DEPTHS NOTED ARE COMPACTED DEPTHS.

ALLEY CONCRETE HEADER TYPICAL SECTIONS AT INTERFACE WITH MISC ADJACENT PAVEMENT SECTIONS 4

NTS VARIES



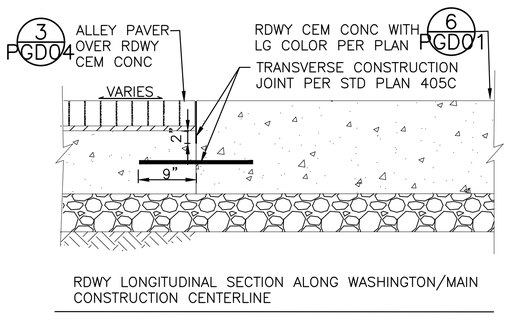
NEW GRANITE CURB AT NEW CW AND LANDSCAPE



NEW GRANITE CURB AT NEW CW OR PAVEMENT

GRANITE CURB SECTION (NEW OR SALVAGED) 5

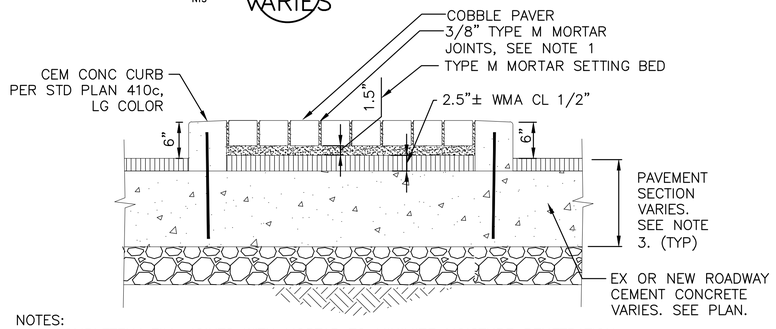
NTS VARIES



RDWY LONGITUDINAL SECTION ALONG WASHINGTON/MAIN CONSTRUCTION CENTERLINE

RDWY CEM CONC JOINT AT ALLEY 6

NTS VARIES



NOTES:
1. COMPLETELY FILL JOINTS WITH MORTAR TO MINIMIZE MOISTURE PENETRATION.
2. DEPTHS NOTED ARE COMPACTED DEPTHS.
3. PAVEMENT SECTION FOR KING PER SECTIONS ON DRAWING RS03. PAVEMENT SECTION FOR YESLER PER SECTIONS ON DRAWING RS01.

COBBLE PAVER MEDIAN TYPICAL SECTION 7

NTS PG01, PG12

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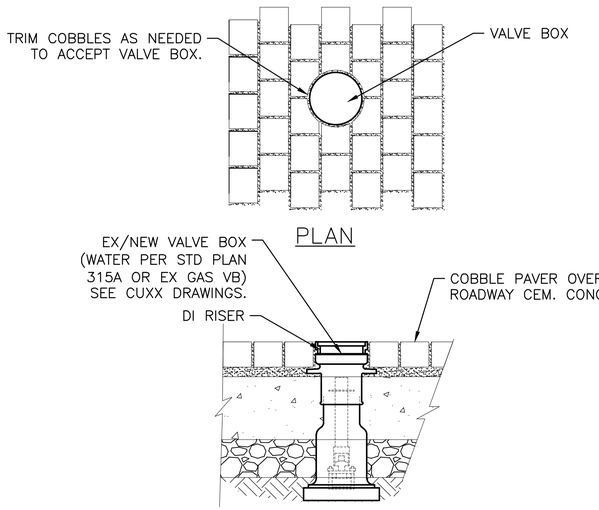
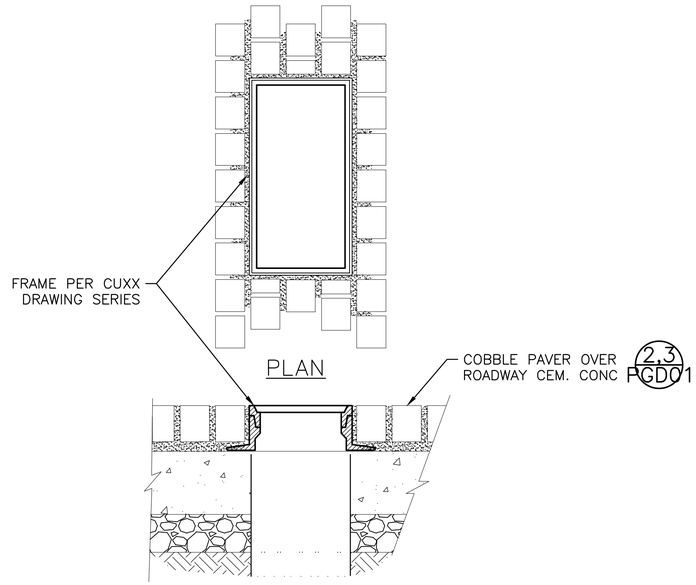
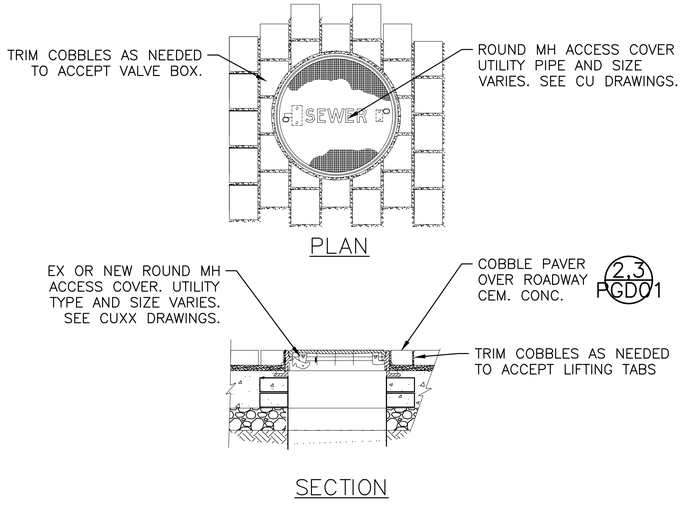


COBBLE PAVER OVER ROADWAY CEM CONC AND ROUND VALVE BOX INTERFACE (1) VARIES

NOT USED (2) —



COBBLE PAVER AND DRAINAGE STRUCTURE (3) VARIES



NOT USED (4) —

COBBLE PAVER OVER ROADWAY CEM CONC AND AT INTERFACE WITH MH ROUND ACCESS COVER (5) VARIES

NOT USED (6) —

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CHECKED DR 6/3/2022	

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REVISED AS BUILT	

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 3128 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE
EAST-WEST STREETS

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CO JOB CO
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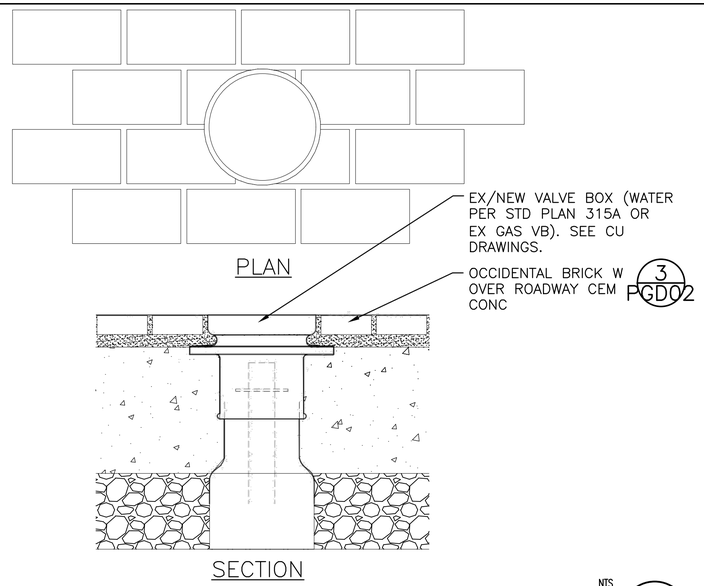
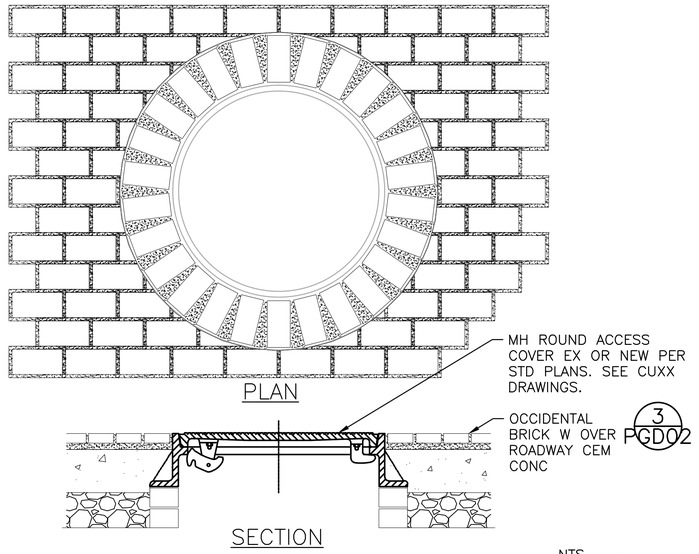


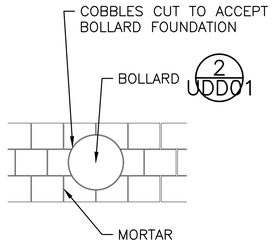
NTS

OCCIDENTAL BRICK W OVER ROADWAY CEM CONC AND VALVE BOX INTERFACE 1 PG07



NTS

OCCIDENTAL BRICK W OVER ROADWAY CEM CONC AT INTERFACE WITH MH ROUND ACCESS COVER 2 PG07



NTS

COBBLE PAVERS AT BOLLARD 3 VARIES

NTS

NOT USED 4 –

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DRAWN	JA, JZ 6/3/2022	RECEIVED	
CHECKED	DR 6/3/2022	REVISED AS BUILT	

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 3428 EXP. 7/3/2023 · LANDSCAPE ARCHITECT ·

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
PGD06
SHEET 62 OF 198

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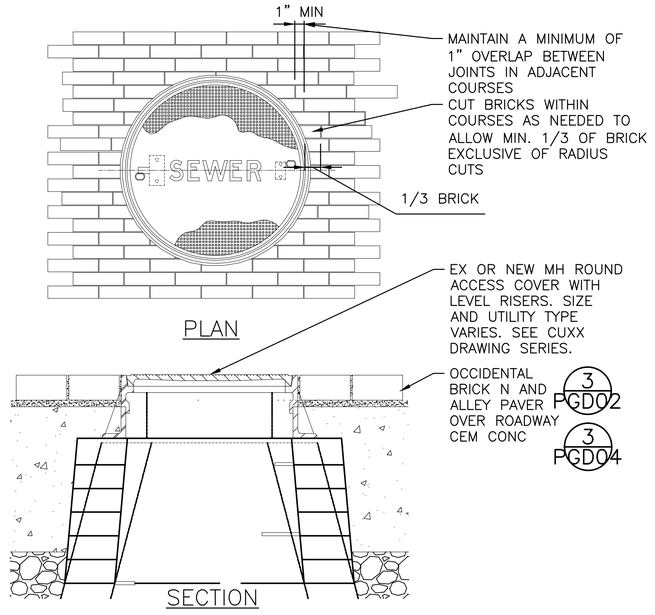
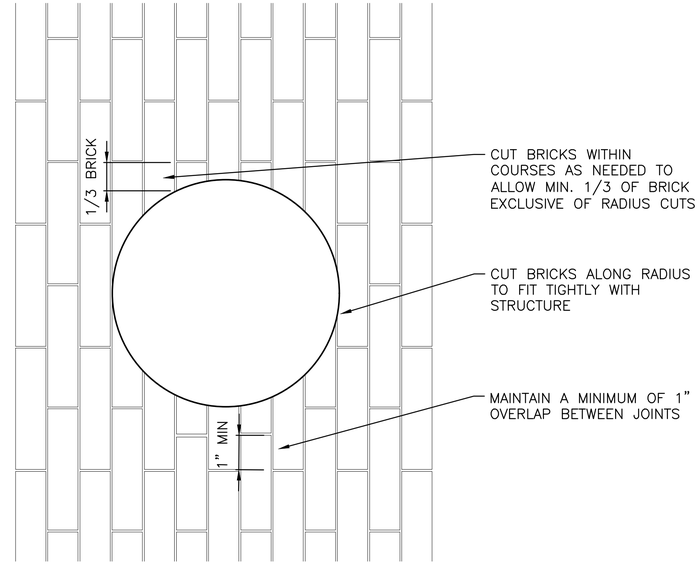
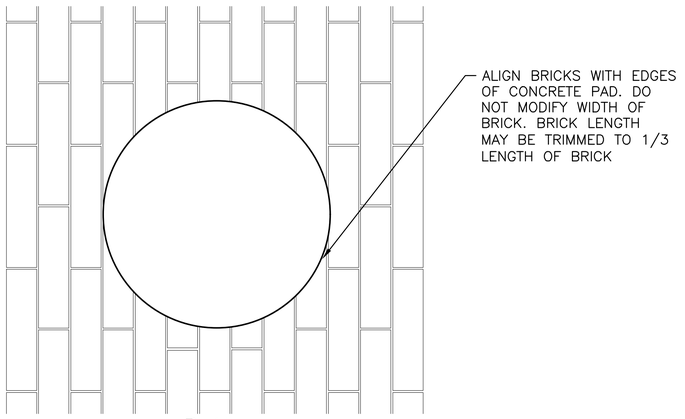


OCCIDENTAL BRICK N AND ALLEY PAVER OVER ROADWAY CEM CONC AND MH ROUND ACCESS COVER

NTS 2 VARIES



PLAN



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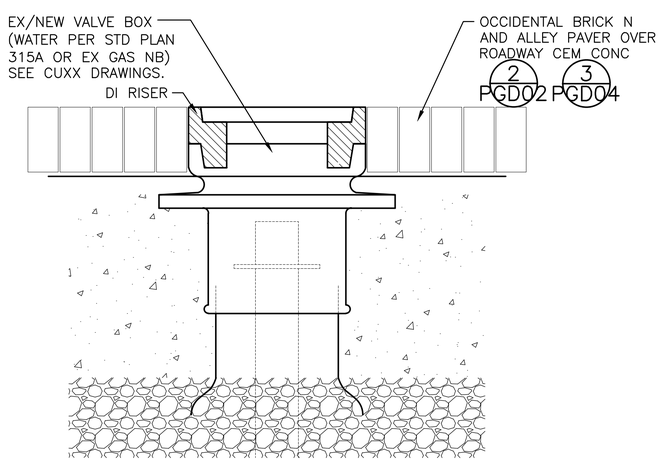
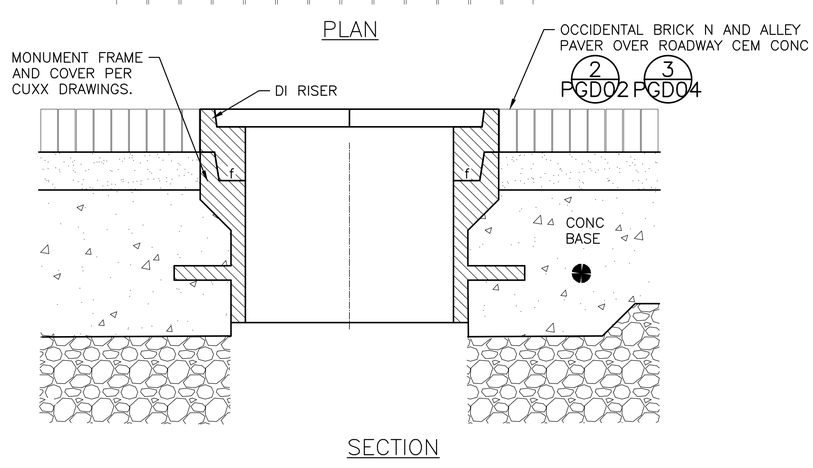


SECTION

OCCIDENTAL BRICK N AND ALLEY BRICK OVER ROADWAY CEM CONC AND ROUND VALVE BOX INTERFACE

NTS 4 VARIES



OCCIDENTAL BRICK N AND ALLEY BRICK OVER ROADWAY CEM CONC AND MONUMENT INTERFACE

NTS 3 VARIES

PLEASE CALL 811
3 Working Days
BEFORE YOU DIG

FINAL CIRCULATION (100%)

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MARK	DATE	MADE	CHK'D	REV'D

REVISIONS NATURE

VAULT SERIAL NO. 3813

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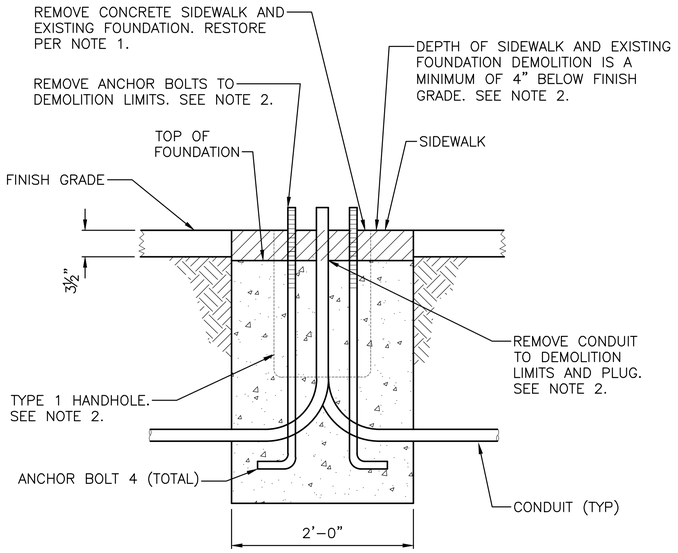
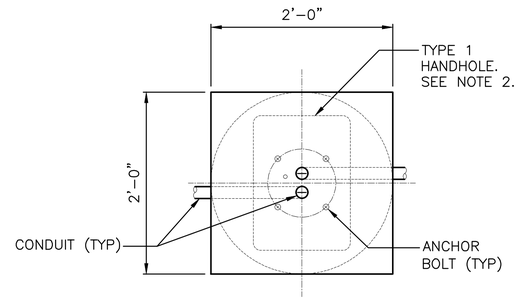


ELEVATION



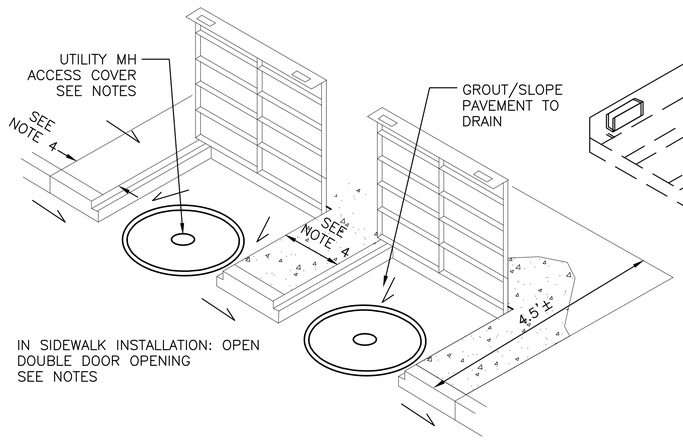
PLAN

NOTES:
1. SIDEWALK NON-ROADWAY CEM CONC W/25% POZZOLANS, LG COLOR.
2. WHERE EXISTING CONDUITS ARE TO BE REUSED PER ELECTRICAL AND LIGHTING PLANS, INCREASE DEPTH OF DEMOLITION TO ACCOMMODATE THE INSTALLATION OF A TYPE 1 HANDHOLE CENTERED OVER THE EXISTING FOUNDATION. DO NOT REMOVE CONDUITS AND DO NOT PLUG CONDUITS. DO REMOVE ANCHOR BOLTS.

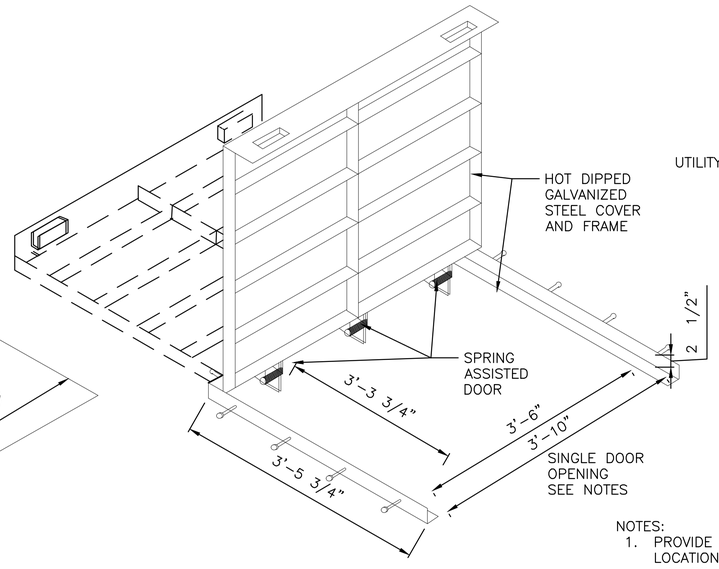
EXISTING PED LIGHT FOUNDATION DEMOLITION (1)
NTS

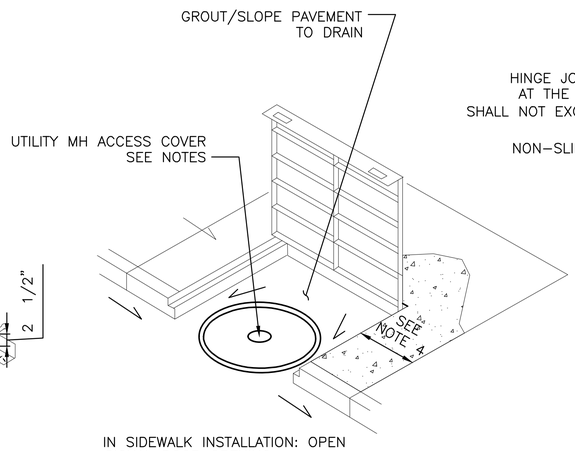
LT01, LT02, LT04

NOT USED (3)
NTS

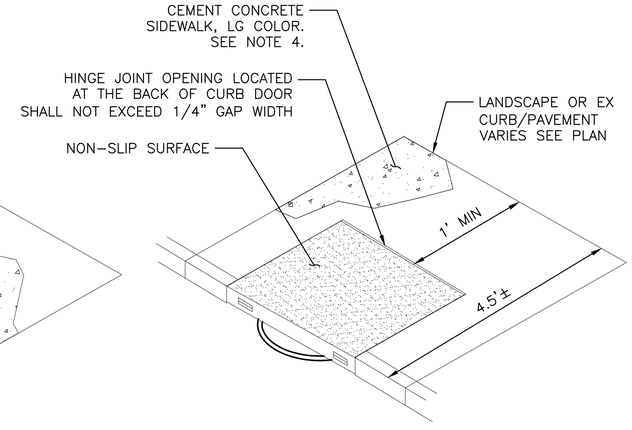


IN SIDEWALK INSTALLATION: OPEN DOUBLE DOOR OPENING SEE NOTES





IN SIDEWALK INSTALLATION: OPEN SIGNAL DOOR OPENING



IN SIDEWALK INSTALLATION: CLOSED

NOTES:
1. PROVIDE SHOP DRAWING STAMPED BY STRUCTURAL ENGINEER FOR EACH METAL CURB PLATE LOCATION NOTED ON THE PLANS. SHOP DRAWING TO INCLUDE SURVEY LOCATION OF EX UTILITY ACCESS COVERS (LOCATION AND FRAME SIZE), NEW FACE OF CURB ALIGNMENT AND WALK.
2. COVER MUST BE CENTERED ON CASTING TO ALLOW FOR CLEARANCE FOR REMOVING UTILITY ACCESS COVER.
3. SIZING SHOWN FOR SINGLE UTILITY ACCESS CASTING COVER. FOR COVER OVER TWO UTILITY ACCESS COVERS SIDE BY SIDE, PROVIDE DOUBLE DOOR OPENING. OPENING WIDTH AND LENGTH TO ACCOMMODATE OPENING OVER EXISTING UTILITY CASTINGS.
4. SHOP DRAWINGS BY STRUCTURAL ENGINEER SHALL INCLUDE STRUCTURAL DESIGN OF CEMENT CONCRETE SIDEWALK TO SUPPORT METAL CURB PLATES.

METAL CURB PLATE OVER UTILITY ACCESS OPENING AT CURB (9)
NTS

CU01, CU02, PG02 PG01

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3 Working Days
BEFORE YOU DIG

FINAL CIRCULATION (100%)

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		REVISIONS		

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DRAWN	JA	6/3/2022
CHECKED	DR	6/3/2022

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REVISED AS BUILT	

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KATHRYN M. GWILLIM — STATE OF WASHINGTON — 36805 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

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VPI # 792-293
PGD08
SHEET 64 OF 198

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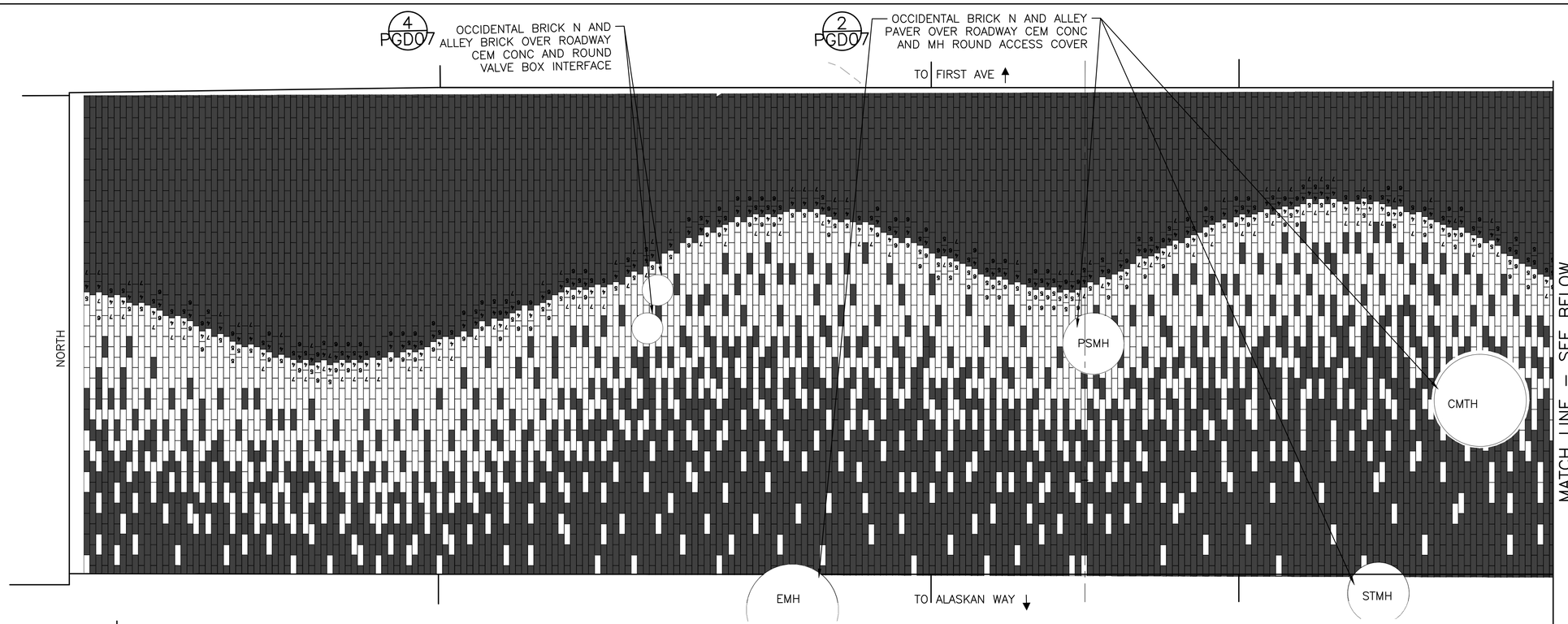

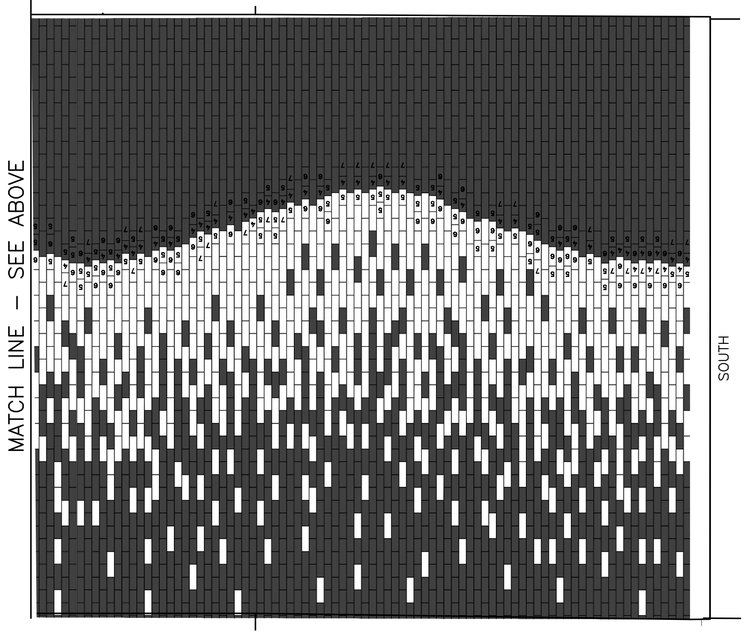

ALLEY PAVER – BRICK

= APPROXIMATE LENGTH OF PAVER AFTER FIELD CUTTING AND FITTING IN ORDER TO ESTABLISH SHORELINE PAVING PATTERN

PERCENT OF TOTAL AREA: 71%

ALLEY PAVER – STONE

= APPROXIMATE LENGTH OF PAVER AFTER FIELD CUTTING AND FITTING IN ORDER TO ESTABLISH SHORELINE PAVING PATTERN

PERCENT OF TOTAL AREA: 29%

SHORELINE ALLEY PAVER LAYOUT AT S. WASHINGTON STREET

NTS

1
PG04

2 1 0 2 4
SCALE IN FEET

PLEASE CALL 811
3 Working Days
BEFORE YOU DIG

FINAL CIRCULATION (100%)

PAVING AND GRADING DETAILS

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CO JOB CO
VPI # 792-293
PGD09
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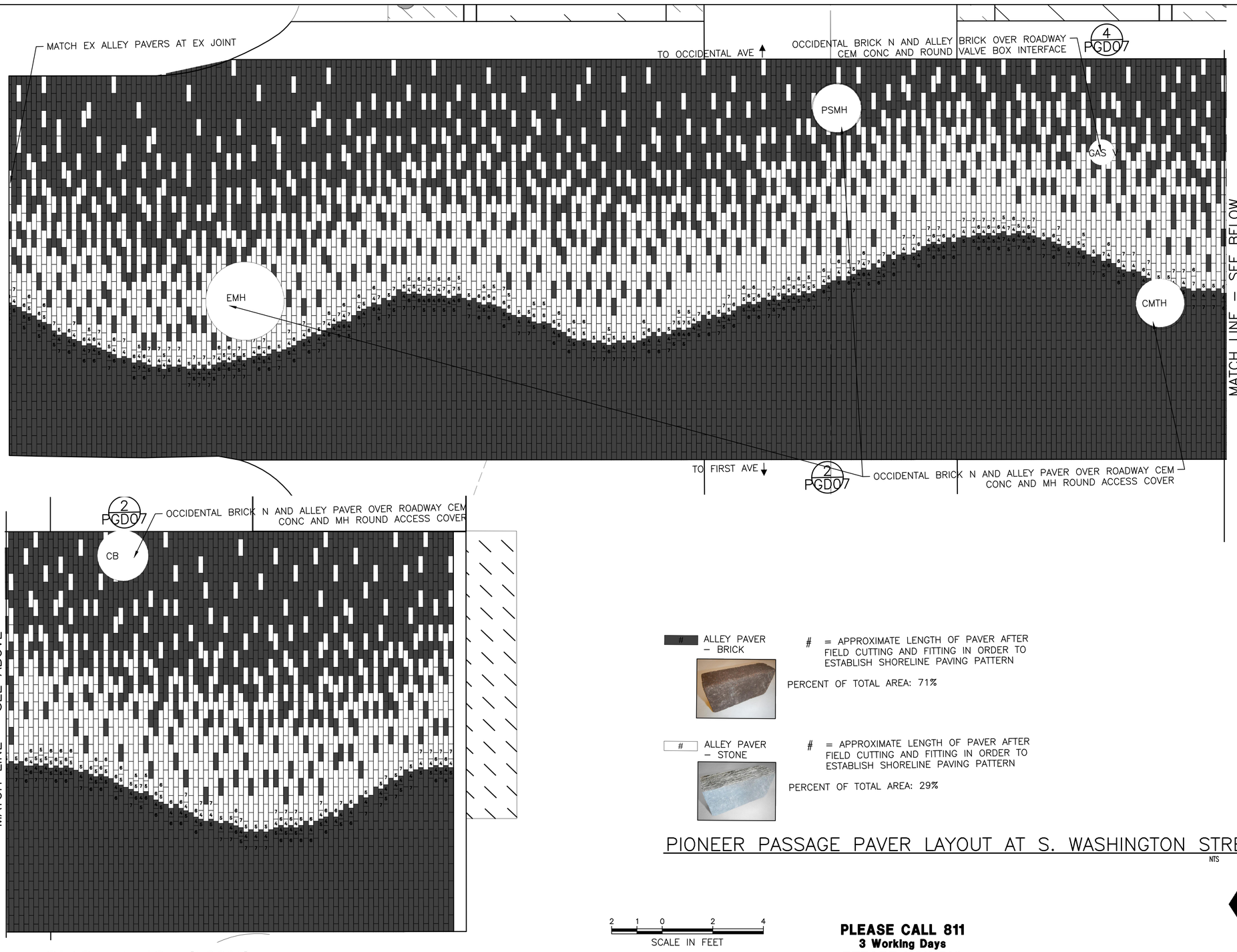

FINAL CIRCULATION (100%)

		ALLEY PAVER – BRICK	# = APPROXIMATE LENGTH OF PAVER AFTER FIELD CUTTING AND FITTING IN ORDER TO ESTABLISH SHORELINE PAVING PATTERN
#		PERCENT OF TOTAL AREA: 71%	
#	ALLEY PAVER – STONE	# = APPROXIMATE LENGTH OF PAVER AFTER FIELD CUTTING AND FITTING IN ORDER TO ESTABLISH SHORELINE PAVING PATTERN	
		PERCENT OF TOTAL AREA: 29%	

PIONEER PASSAGE PAVER LAYOUT AT S. WASHINGTON STREET

1 PG06

NTS

2 1 0 2 4

SCALE IN FEET

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CO JOB CO
VPI # 792-293
PGD10
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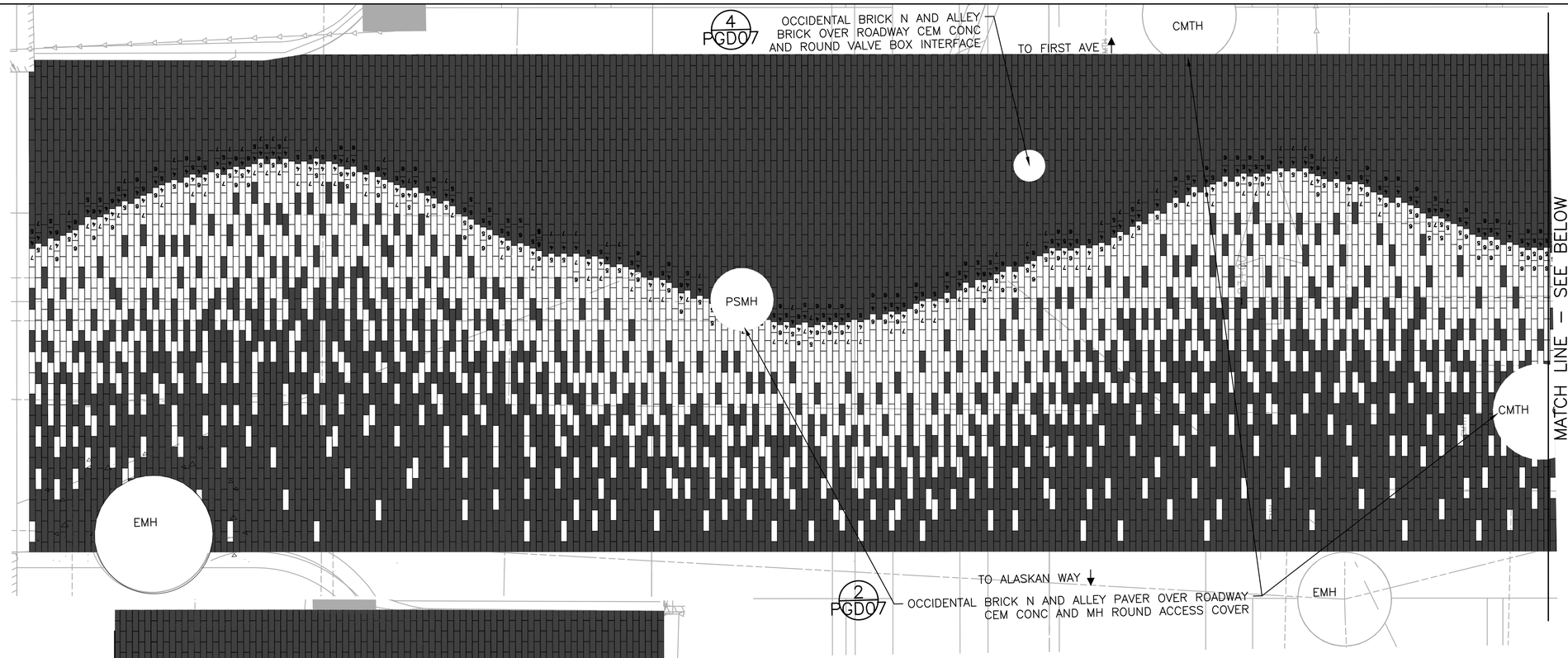

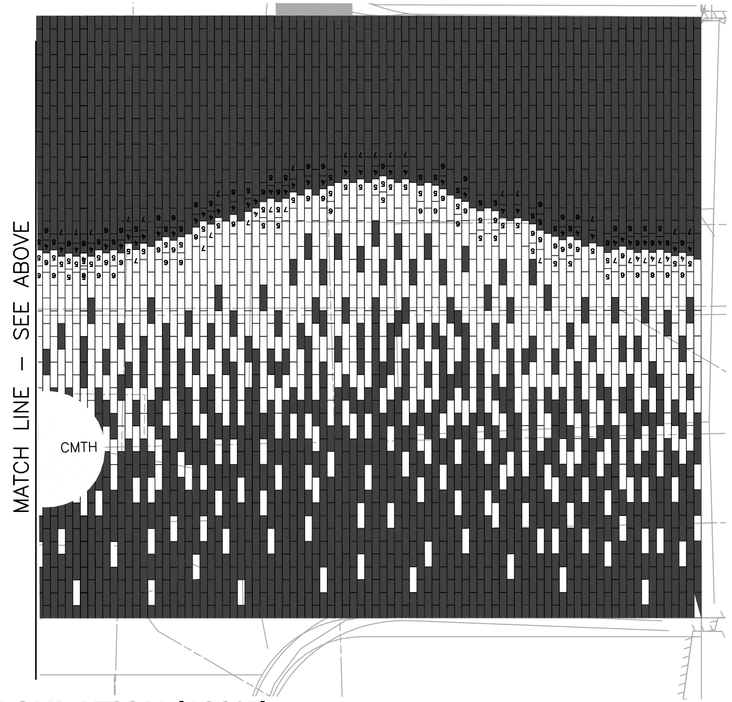

ALLEY PAVER – BRICK

= APPROXIMATE LENGTH OF PAVER AFTER FIELD CUTTING AND FITTING IN ORDER TO ESTABLISH SHORELINE PAVING PATTERN

PERCENT OF TOTAL AREA: 71%

ALLEY PAVER – STONE

= APPROXIMATE LENGTH OF PAVER AFTER FIELD CUTTING AND FITTING IN ORDER TO ESTABLISH SHORELINE PAVING PATTERN

PERCENT OF TOTAL AREA: 29%

SHORELINE PAVER LAYOUT AT S. MAIN STREET

NTS

1
PG08

N

2 1 0 2 4
SCALE IN FEET

PLEASE CALL 811
3 Working Days
BEFORE YOU DIG

FINAL CIRCULATION (100%)

PAVING AND GRADING DETAILS

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 22828 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

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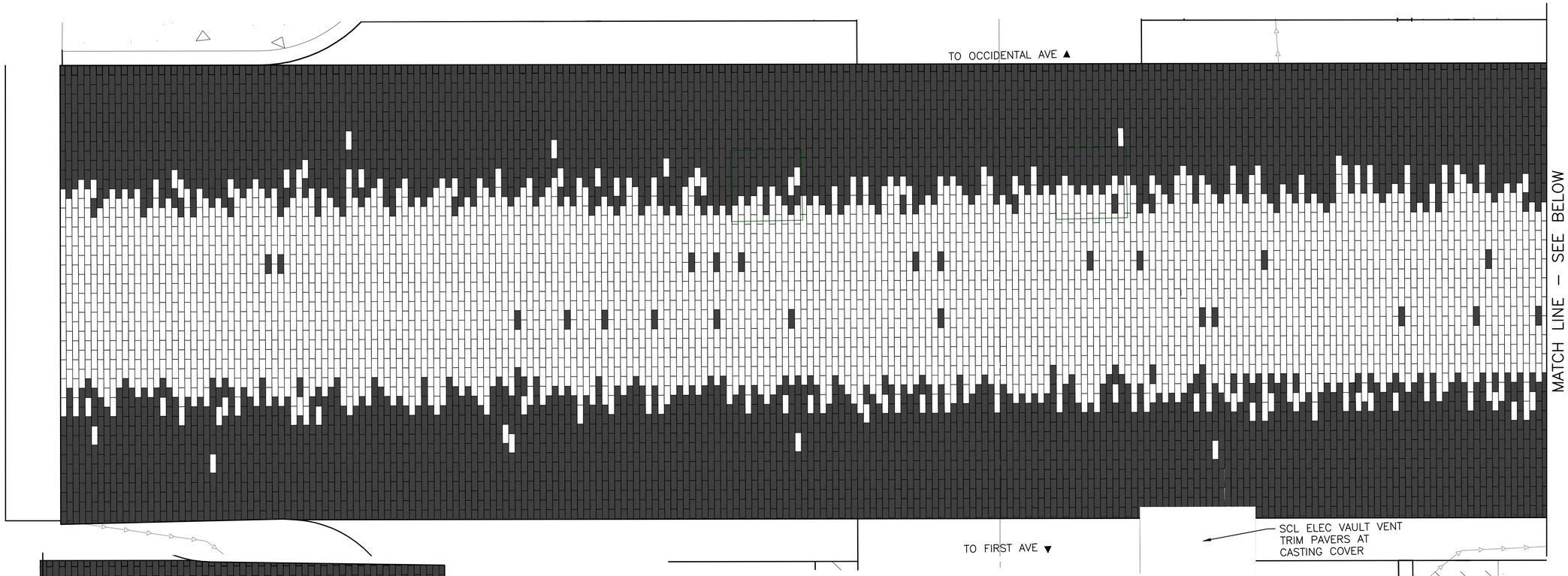

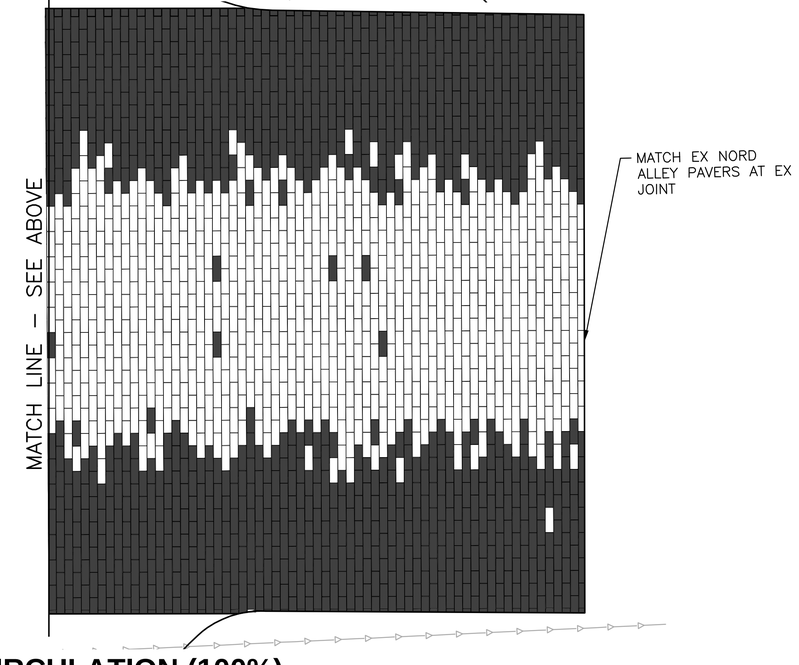

ALLEY PAVER – BRICK

\# = APPROXIMATE LENGTH OF PAVER AFTER FIELD CUTTING AND FITTING IN ORDER TO ESTABLISH SHORELINE PAVING PATTERN

PERCENT OF TOTAL AREA: ±56%

ALLEY PAVER – STONE

\# = APPROXIMATE LENGTH OF PAVER AFTER FIELD CUTTING AND FITTING IN ORDER TO ESTABLISH SHORELINE PAVING PATTERN

PERCENT OF TOTAL AREA: ±44%

NORD ALLEY LAYOUT AT S. MAIN STREET

NTS

1 PG08

N

2 1 0 2 4

SCALE IN FEET

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3 Working Days
BEFORE YOU DIG

FINAL CIRCULATION (100%)

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REVIEWED BY SPU/DRAINAGE ..... 20....

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Seattle Department of Transportation

ORDINANCE NO. . PW NO. 2021-061

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PIONEER SQUARE EAST–WEST STREETS

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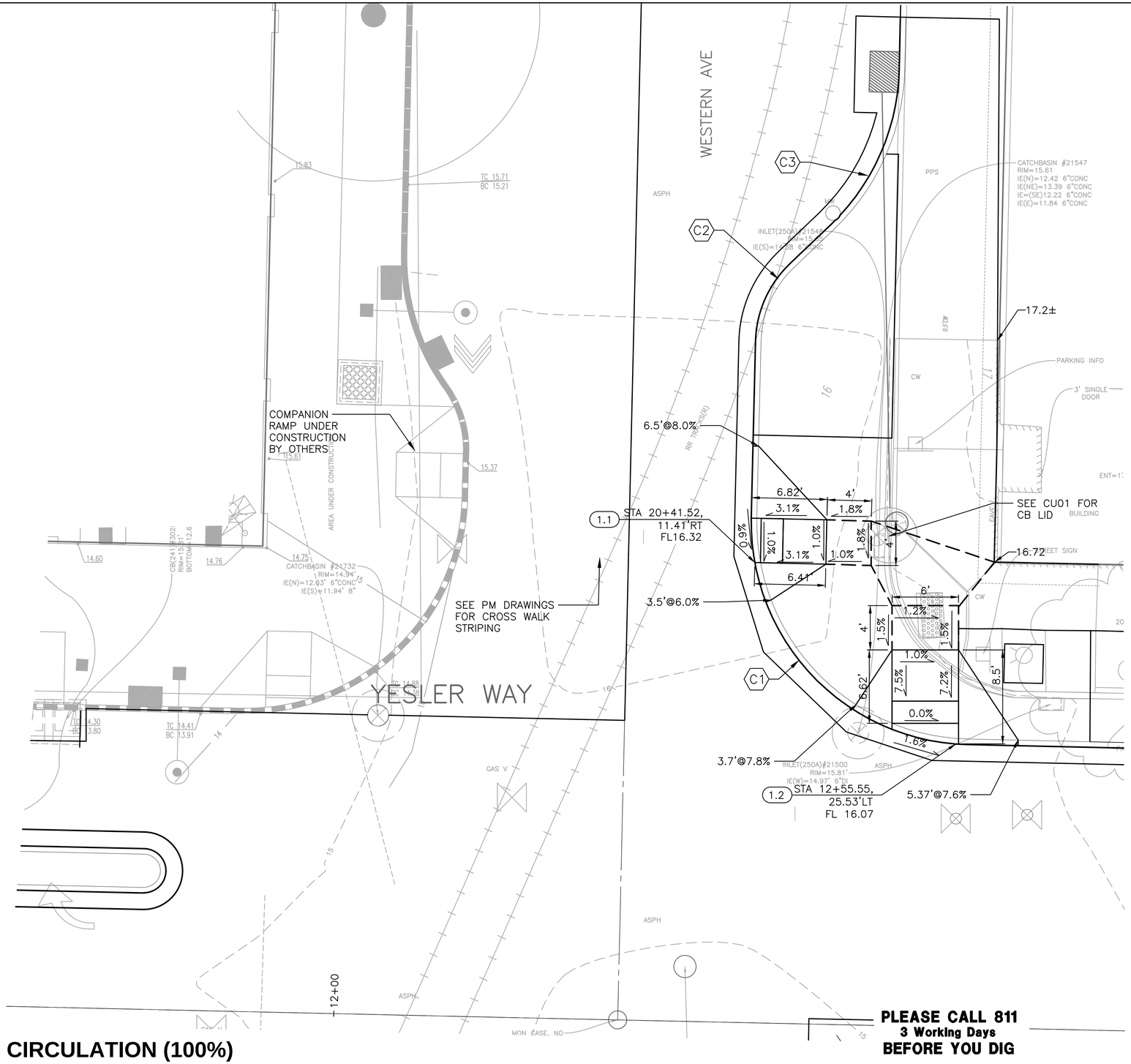


CURB RAMP NOTES:
UNLESS OTHERWISE NOTED

1. ALL NEWLY CONSTRUCTED PEDESTRIAN ACCESS ROUTES INCLUDING SIDEWALK AND CURB RAMPS MUST MEET CURRENT ADA STANDARDS AND GUIDELINES (2010 ADA STANDARDS, PROWAG 2011) TO THE MAXIMUM EXTENT FEASIBLE.
2. WHERE THE DRAWINGS DENOTE "MEF" FOR CURB RAMP ELEMENTS, THIS DESIGNATION IS FOR THE REFERENCE ONLY AND MUST NOTIFY THE ENGINEER PER SECTION 8-14.3(7) AND ALLOW THE ENGINEER THE OPPORTUNITY TO INSPECT THE CURB RAMP LAYOUT AND DIRECT ADJUSTMENTS AS NECESSARY. EVERY EFFORT WILL BE MADE TO ACHIEVE AN ADA COMPLIANT RAMP.
3. THE CONTRACTOR MUST NOTIFY THE ENGINEER IF A CURB RAMP CANNOT BE CONSTRUCTED PER THE DRAWINGS, RESULTING IN A NON-COMPLIANT SLOPES AND/OR DIMENSIONS. PRIOR TO INSTALLING THE CURB RAMP, THE ENGINEER MUST APPROVE THE CURB RAMP LAYOUT.
4. PEDESTRIAN ACCESS THROUGH THE PROJECT MUST BE MAINTAINED IN COMPLIANCE WITH SDOT PEDESTRIAN MOBILITY IN AND AROUND WORK ZONES. DIRECTOR'S RULE 10-2015, AND SDOT 2018 TRAFFIC CONTROL MANUAL FOR IN-STREET WORK.
5. FOR ASSET MANAGEMENT PURPOSES, THIS PROJECT INCLUDES THE FOLLOWING:

NEW CURB RAMPS	1
RBUILT CURB RAMPS	1
PROJECT TOTAL	2

GENERAL NOTES

1. SEE PGN FOR GENERAL PAVING AND GRADING NOTES.

CURB RAMP TABLE

X	STD PLAN	MEF CODE
1.1	422a	--
1.2	422d	--

MEF CODES

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

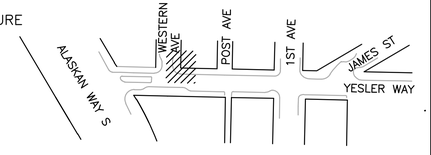
N

2.5 5 0 5 10
SCALE IN FEET

CURB RETURN TABLE

X	POINT	STATION / OFFSET	ELEV*	CURVE GEOMETRY
C1	PC STA	12+36.68, 45.5' LT	16.36	Δ=90°05'49" R=20' L=31.45'
	1/4	12+38.17, 37.89' LT	16.28	
	1/2	12+42.52, 31.37' LT	16.20	
	3/4	12+49.02, 27.03' LT	16.11	
	PT STA	12+56.68, 25.5' LT	16.04	
C2	NOTE TO REVIEWER – PROJECT AWAITING SURVEY DATA FOR THIS AREA			
C3	NOTE TO REVIEWER – PROJECT AWAITING SURVEY DATA FOR THIS AREA			

* ELEVATION AT FACE OF CURB AT GUTTER/FLOW LINE.



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3 Working Days
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CURB RAMP PLAN

NATURE OF REVISIONS	MADE BY	CHK'D	REV'D

VAULT SERIAL NO. 38413

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INITIALS AND DATE	INITIALS AND DATE
DESIGNED LK 6/3/2022	REVIEWED:
CHECKED DR 6/3/2022	DES. CONST.
	SDOT PROJ. MGR.
DRAWN JA, JZ 6/3/2022	RECEIVED
CHECKED DR 6/3/2022	REVISED AS BUILT

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

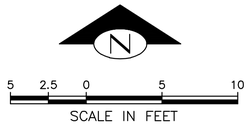
LAUREL JEAN KUNKLER
STATE OF WASHINGTON
20873
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. .
####
PW NO. 2021-061
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CR01
SHEET 69 OF 198

Z:\Shared\Seattle - Pioneer_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\01 Yesler Street\065 CR01.dwg
Jun-09-22 9:32am



CURB RAMP NOTES:
UNLESS OTHERWISE NOTED

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5. FOR ASSET MANAGEMENT PURPOSES, THIS PROJECT INCLUDES THE FOLLOWING:

NEW CURB RAMPS	0
RBUILT CURB RAMPS	2
PROJECT TOTAL	2

GENERAL NOTES

1. SEE PGN FOR GENERAL PAVING AND GRADING NOTES.

CURB RAMP TABLE

(X)	STD PLAN	MEF CODE
2.1	422a	––
2.2	422a	––

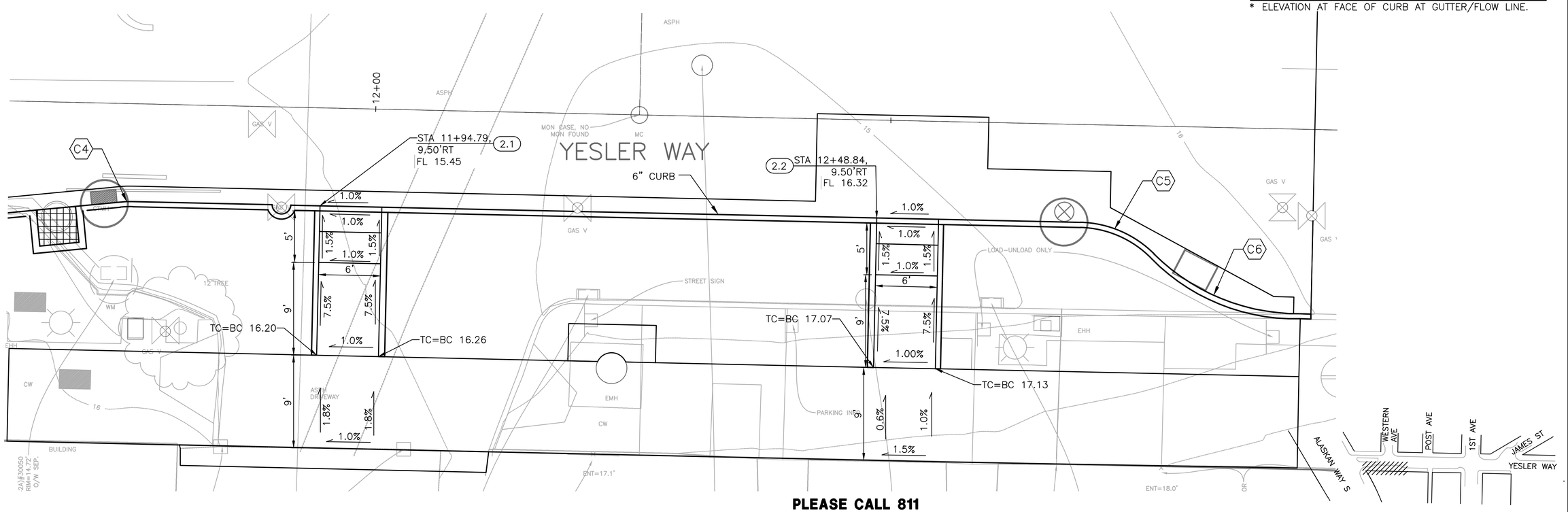
MEF CODES

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

CURB RETURN TABLE

(X)	POINT	STATION / OFFSET	ELEV*	CURVE GEOMETRY
C4	PC STA	11+75.44, 9.57' RT	14.73	Δ=06°38'03" R=10.22' L=1.18'
	1/4	11+75.71, 9.54' RT	14.73	
	1/2	11+75.99, 9.53' RT	14.74	
	3/4	11+76.27, 9.50' RT	14.74	
	PT STA	11+76.55, 9.50' RT	14.75	
C5	PC STA	12+68.61, 9.50' RT	16.16	Δ=43°13'25" R=10.50' L=7.92'
	1/4	12+70.54, 9.69' RT	16.09	
	1/2	12+72.47, 10.26' RT	16.02	
	3/4	12+74.13, 11.10' RT	15.95	
	PT STA	12+75.79, 12.39' RT	15.88	
C6	PC STA	12+75.79, 12.39' RT	15.88	Δ=45°10'13" R=20' L=15.77'
	1/4	12+78.97, 14.86' RT	15.75	
	1/2	12+82.14, 16.48' RT	15.80	
	3/4	12+85.86, 17.56' RT	15.85	
	PT STA	12+89.58, 17.90' RT±	15.90	

* ELEVATION AT FACE OF CURB AT GUTTER/FLOW LINE.



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LAUREL JEAN KUNKLER STATE OF WASHINGTON 43675 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. .
####
PW NO. 2021–061
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
CR02
SHEET 70 OF 198

MARK	DATE	CHK'D	REV'D	NATURE REVISIONS

VAULT PERMIT NO. 38413

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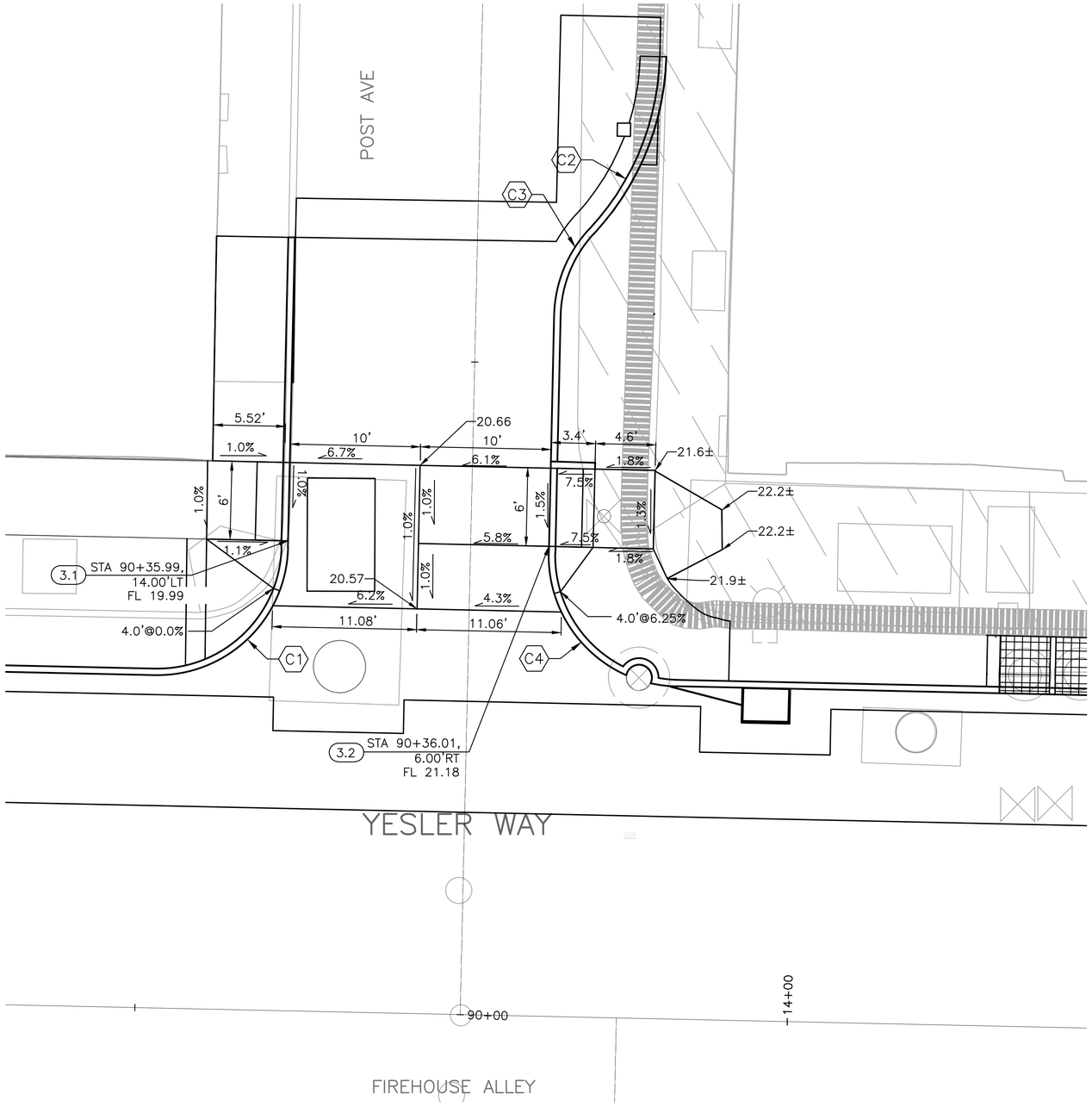

CURB RETURN TABLE

⟨X⟩	POINT	STATION / OFFSET	ELEV*	CURVE GEOMETRY
⟨C1⟩	PC STA	13+51.05, 25.50' LT	TC 19.49 FL 18.99	Δ=89°51'13" R=10' L=15.68'
	1/4	13+54.88, 26.26' LT	TC 19.61 FL 19.24	
	1/2	13+58.12, 28.42' LT	TC 19.73 FL 19.48	
	3/4	13+60.29, 31.66' LT	TC 19.86 FL 19.73	
	PT STA	13+61.05, 35.48' LT	TC 19.98 FL 19.98	
⟨C2⟩	PC STA	90+60.48, 8.64' RT	TC 21.17 FL 20.82	Δ=41°25'21" R=20' L=14.46'
	1/4	90+63.39, 10.78' RT	TC 21.16 FL 20.74	
	1/2	90+66.63, 12.35' RT	TC 21.14 FL 20.66	
	3/4	90+70.11, 13.32' RT	TC 21.12 FL 20.58	
	PT STA	90+73.70, 13.65' RT	TC 21.10 FL 20.51	
⟨C3⟩	PC STA	90+53.87, 6.13' RT	TC 21.21 FL 20.98	Δ=41°21'29" R=10' L=7.22'
	1/4	90+55.67, 6.30' RT	TC 21.20 FL 20.94	
	1/2	90+57.40, 6.78' RT	TC 21.19 FL 20.90	
	3/4	90+59.02, 7.57' RT	TC 21.18 FL 20.86	
	PT STA	90+60.48, 8.64' RT	TC 21.17 FL 20.82	
⟨C4⟩	PC STA	13+81.06, 35.53' LT	TC 21.18 FL 21.18	Δ=90°08'41" R=10' L=15.73'
	1/4	13+81.81, 31.69' LT	TC 21.22 FL 21.09	
	1/2	13+83.97, 28.43' LT	TC 21.25 FL 21.00	
	3/4	13+87.23, 26.27' LT	TC 21.29 FL 20.91	
	PT STA	13+91.06, 25.50' LT	TC 21.32 FL 20.82	

* ELEVATION AT FACE OF CURB.

GENERAL NOTES

1. SEE PGN FOR GENERAL PAVING AND GRADING NOTES.

N

5 2.5 0 5 10

SCALE IN FEET

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PROJECT TOTAL	2

CURB RAMP TABLE

⟨X⟩	STD PLAN	MEF CODE
3.1	422a	1
3.2	422a	--

MEF CODES

*1 RIGHT-OF-WAY AVAILABILITY
*2 ROADWAY STRUCTURAL CONSTRAINT; WALL, AREAWAY, OR BRIDGE
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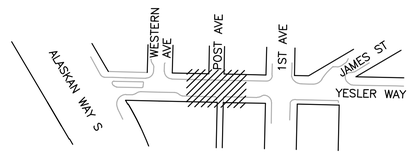

PLEASE CALL 811
3 Working Days
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FINAL CIRCULATION (100%)

CURB RAMP PLAN

NO.	DATE	MARK	NATURE REVISIONS	MADE / CHK'D	REV'D
VAULT REPAIR NO. 38413					

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LAUREL JEAN KUNKLER STATE OF WASHINGTON 43675 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CR03
SHEET 71 OF 198

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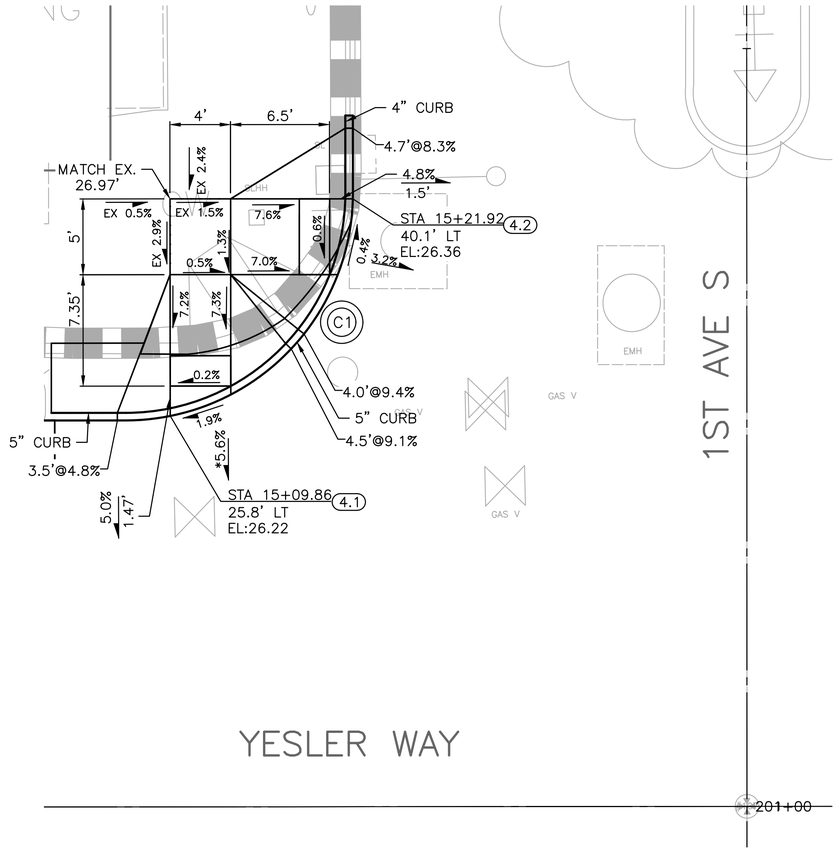

CURB RETURN TABLE

(XX)	POINT	STATION / OFFSET	ELEV.	CURVE GEOMETRY
C1	PC STA	15+06.93 (25.50' LT)	26.03'	Δ=89°57'28.08" R=15.00' T=14.99' L=23.55'
	1/4		27.28'	
	1/2		26.35'	
	3/4		26.38'	
	PT	15+21.93 (40.49' LT)	26.36'	

LEGEND

. . . . . GRADE BREAK

(X.X)	STD PLAN	MEF CODE
4.1	422D	*2,4
4.2	422D	*2

MEF CODES

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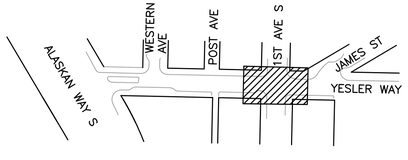

VAULT	SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
	3843						

X:\Seattle, City of\Projects\20180111 - Pioneer Square E - W Ped Improvements\CADD\Plan Sheets\PSEWS_P-YESLER CR.dwg
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FINAL CIRCULATION (100%)

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INITIALS AND DATE			INITIALS AND DATE	
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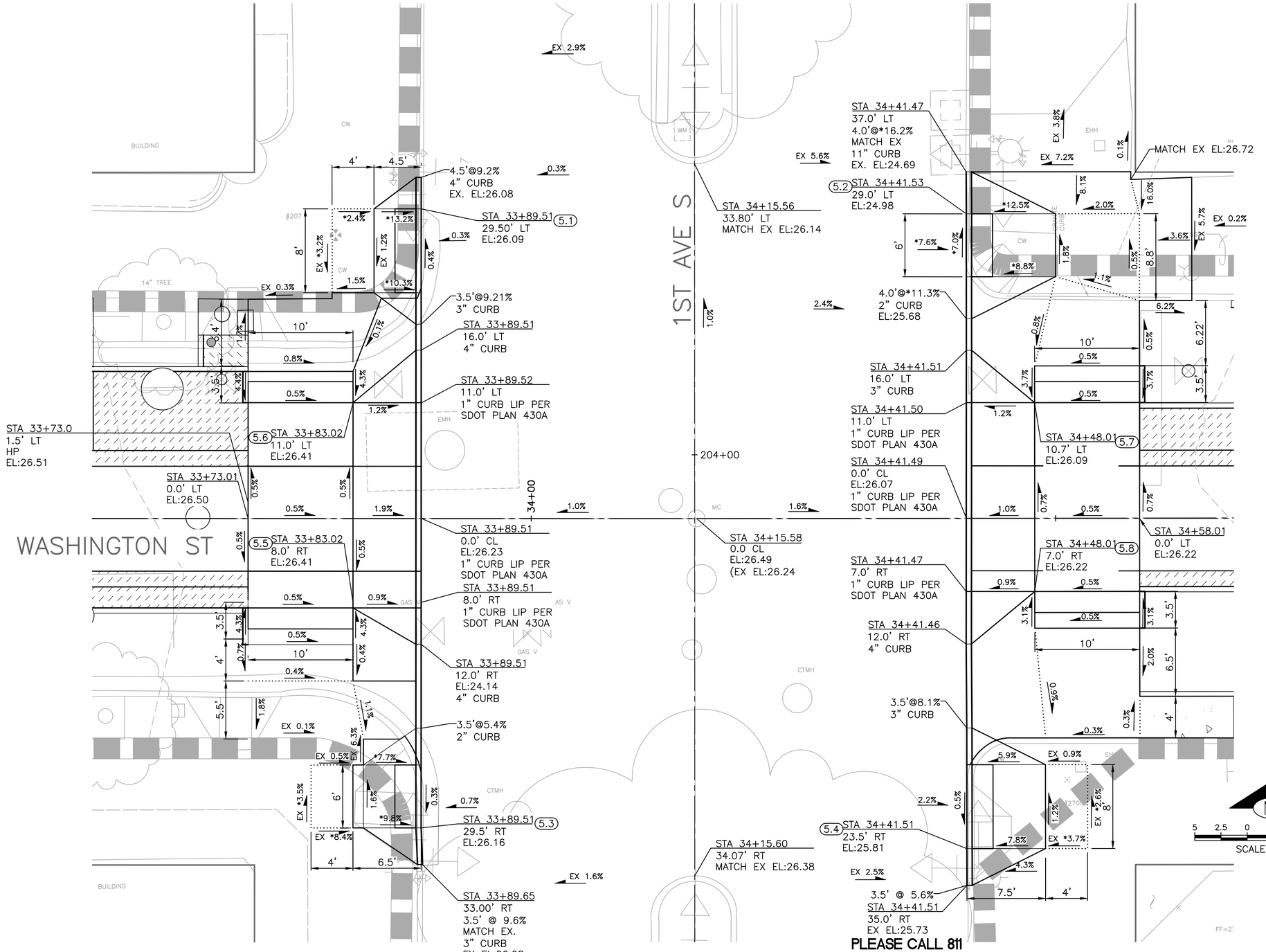
LAUREN KRYSTEN MCELHANEY · STATE OF WASHINGTON · 25603 · REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021-061
SCALE: H. 1"=5'

PIONEER SQUARE
EAST-WEST STREETS

JOB PC TRC0449-S0100 CO
VPI # 792-293
CR04
SHEET 72 OF 198



X.X	STD PLAN	MEF CODE
5.1	422D	*2, *6
5.2	422D	*4, *6
5.3	422D	*2, *3
5.4	422D	*2
5.5	–	–
5.6	–	–
5.7	–	–
5.8	–	–

LEGEND

..... GRADE BREAK

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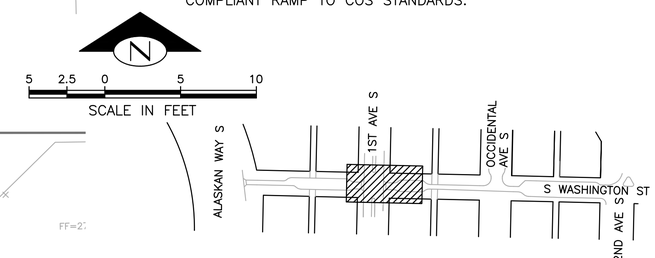

FINAL CIRCULATION (100%)

1ST AVE S / S WASHINGTON ST – CURB RAMP PLAN

NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 38413

X:\Seattle, City of\Projects\20180111 – Pioneer Square E – W Ped Improvements\CADD\Plan Sheets\PSEWS_P–WASHINGTON CR.dwg
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JOB PC TRC0449–S0100 CO
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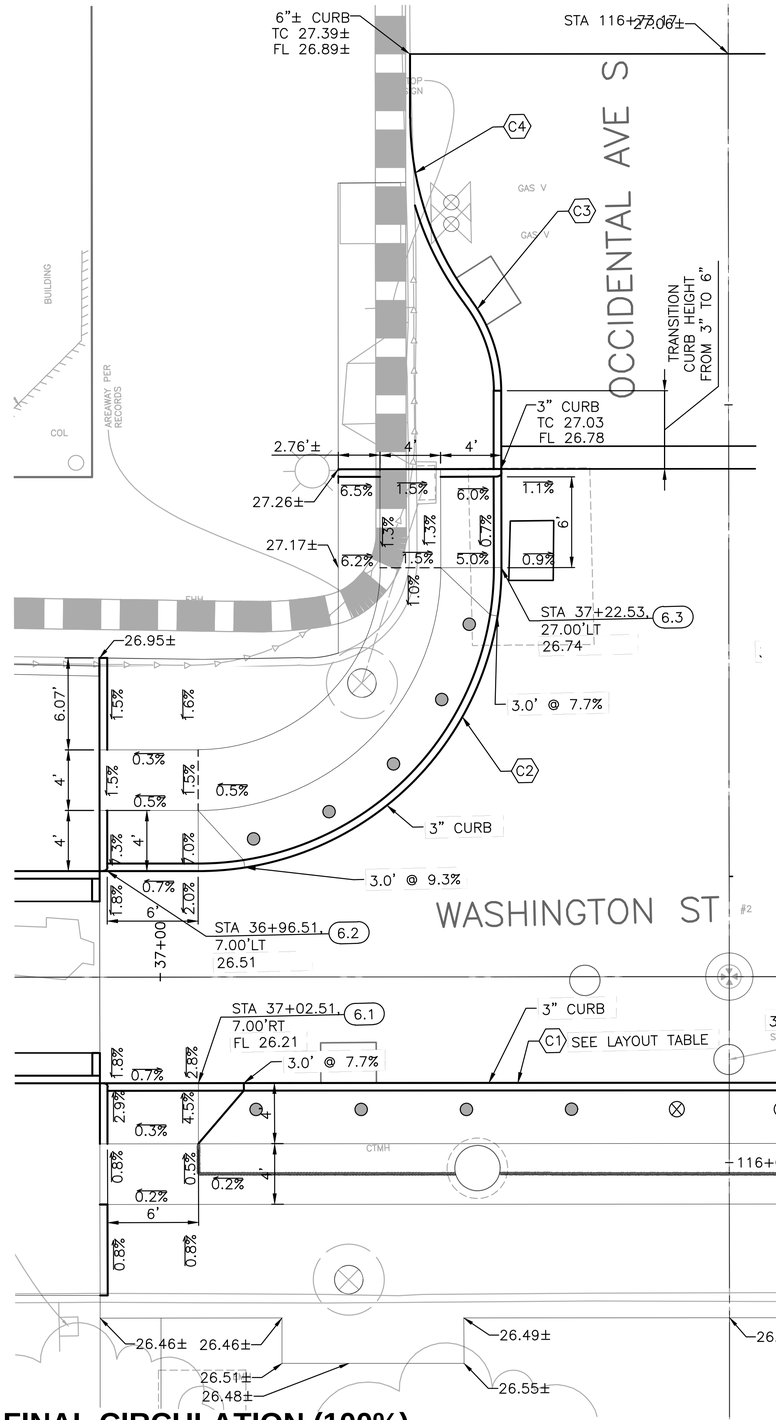
SHEET 73 OF 198



CURB AND SIDEWALK LAYOUT TABLE

STATION	⟨C1⟩ (FL)	FRONT OF SIDEWALK	BACK OF SIDEWALK
	7.00' RT	11.00' RT	15.00' RT
36+96.01	26.25	26.37	26.40
37+12.42	26.15	26.41	26.43
37+20.00	26.18	26.45	26.46
37+37.54	26.35	26.66	26.72
37+52.52	26.21	26.52	26.58
37+79.02	25.69	25.96	25.98

CURB RAMP TABLE

⟨X⟩	STD PLAN	MEF CODE
6.1	422a	--
6.2	422a	--
6.3	422a	--

MEF CODES

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

CURB RAMP NOTES: UNLESS OTHERWISE NOTED

1. ALL NEWLY CONSTRUCTED PEDESTRIAN ACCESS ROUTES INCLUDING SIDEWALK AND CURB RAMPS MUST MEET CURRENT ADA STANDARDS AND GUIDELINES (2010 ADA STANDARDS, PROWAG 2011) TO THE MAXIMUM EXTENT FEASIBLE.

2. WHERE THE DRAWINGS DENOTE "MEF" FOR CURB RAMP ELEMENTS, THIS DESIGNATION IS FOR THE REFERENCE ONLY AND MUST NOTIFY THE ENGINEER PER SECTION 8-14.3(7) AND ALLOW THE ENGINEER THE OPPORTUNITY TO INSPECT THE CURB RAMP LAYOUT AND DIRECT ADJUSTMENTS AS NECESSARY. EVERY EFFORT WILL BE MADE TO ACHIEVE AN ADA COMPLIANT RAMP.

3. THE CONTRACTOR MUST NOTIFY THE ENGINEER IF A CURB RAMP CANNOT BE CONSTRUCTED PER THE DRAWINGS, RESULTING IN A NON-COMPLIANT SLOPES AND/OR DIMENSIONS. PRIOR TO INSTALLING THE CURB RAMP, THE ENGINEER MUST APPROVE THE CURB RAMP LAYOUT.

4. PEDESTRIAN ACCESS THROUGH THE PROJECT MUST BE MAINTAINED IN COMPLIANCE WITH SDOT PEDESTRIAN MOBILITY IN AND AROUND WORK ZONES. DIRECTOR'S RULE 10-2015, AND SDOT 2018 TRAFFIC CONTROL MANUAL FOR IN-STREET WORK.

5. FOR ASSET MANAGEMENT PURPOSES, THIS PROJECT INCLUDES THE FOLLOWING:

NEW CURB RAMPS	2
RBUILT CURB RAMPS	1
PROJECT TOTAL	3

GENERAL NOTES

1. SEE PGN FOR GENERAL PAVING AND GRADING NOTES.

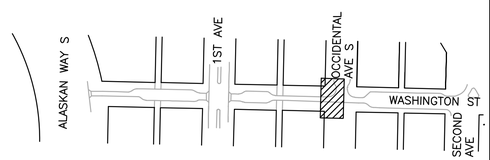
N

5 2.5 0 5 10
SCALE IN FEET

CURB RETURN TABLE

⟨X⟩	POINT	STATION / OFFSET	ELEV*	CURVE GEOMETRY
C2	PC STA	37+02.53, 7.00' LT	26.55	Δ=90°00'47" R=20.00' L=31.42'
	1/4	37+10.19, 8.52' LT	26.60	
	1/2	37+16.68, 12.86' LT	26.64	
	3/4	37+21.01, 19.35' LT	26.69	
	PT STA	37+22.53, 27.00' LT	26.74	
C3	PC STA	116+50.95, 15.00' LT	26.68	Δ=36°53'05" R=10.00' L=6.45'
	1/4	116+52.55, 15.13' LT	26.61	
	1/2	116+54.11, 15.51' LT	26.55	
	3/4	116+55.59, 16.14' LT	26.51	
	PCC STA	116+56.95, 17.00' LT	26.50	
C4	PCC STA	116+56.95, 17.00' LT	26.50	Δ=36°51'47" R=20.00' L=12.87'
	1/4	116+59.67, 18.72' LT	26.52	
	1/2	116+62.62, 19.97' LT	26.56	
	3/4	116+65.74, 20.74' LT	26.64	
	PT STA	116+68.95, 21.0'± LT	26.74	

* ELEVATION AT FACE OF CURB AT GUTTER/FLOW LINE.



CURB RAMP PLAN

FINAL CIRCULATION (100%)

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MARK	DATE	NATURE OF REVISIONS	MADE BY	CHK'D	REV'D

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BY: . . . . . .
PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE	INITIALS AND DATE
DESIGNED LK 6/3/2022	REVIEWED:
CHECKED DR 6/3/2022	DES. CONST.
	SDOT PROJ. MGR.
DRAWN JA, JZ 6/3/2022	RECEIVED
CHECKED DR 6/3/2022	REVISED AS BUILT

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

LAUREL JEAN KUNKLER STATE OF WASHINGTON 43875 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CR06
SHEET 74 OF 198

Z:\Shared\Seattle - Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\02 Washington Street\070 CR06.dwg
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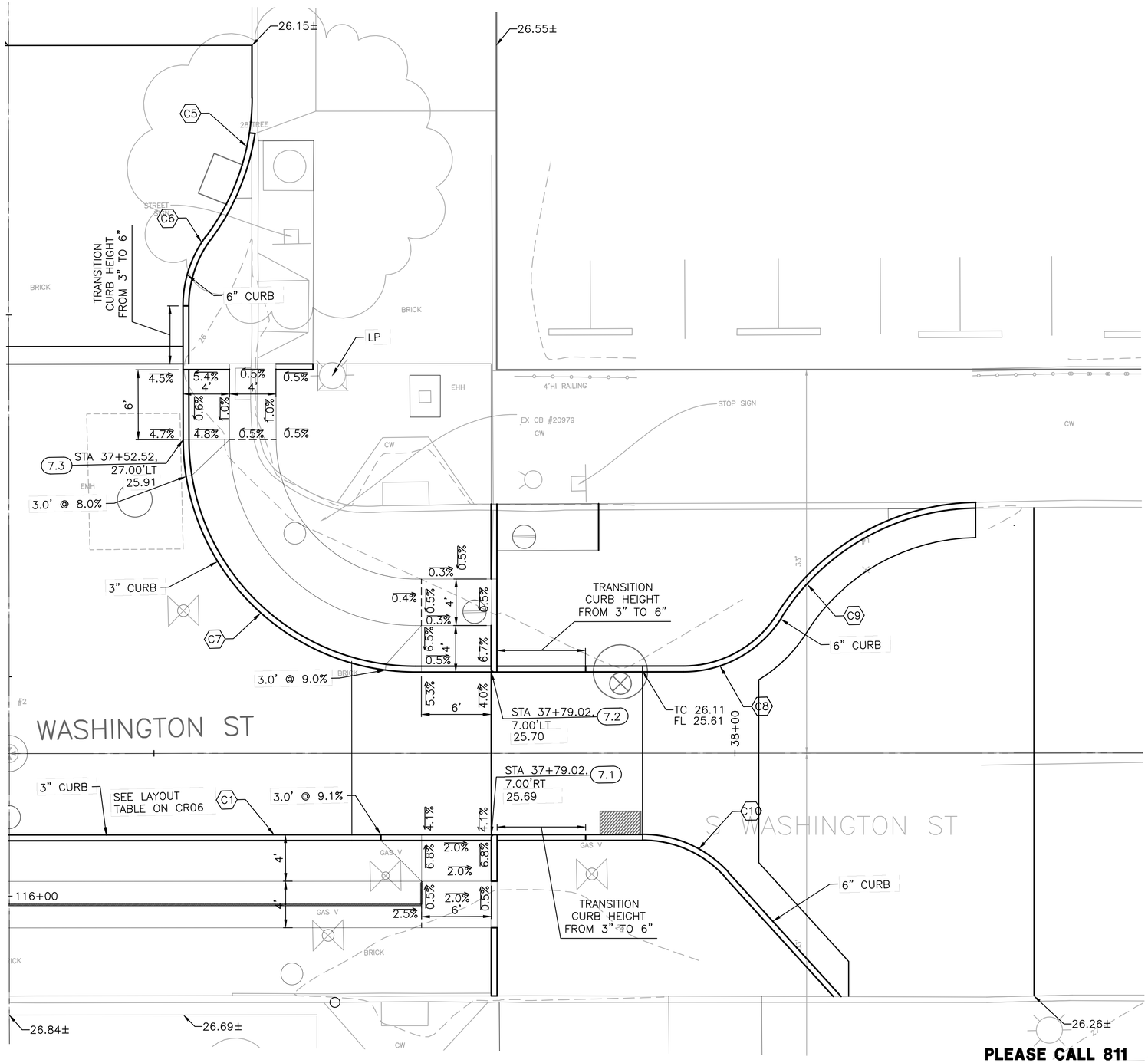


CURB RETURN TABLE

X	POINT	STATION / OFFSET	ELEV*	CURVE GEOMETRY
C5	PC STA	116+68.64, 20.95'± RT	26.12	Δ=36°33'54" R=20.00' L=12.76'
	1/4	116+65.46, 20.69' RT	26.11	
	1/2	116+62.37, 19.92' RT	26.10	
	3/4	116+59.43, 18.68' RT	26.08	
	PCC STA	116+56.74, 16.98' RT	26.06	
C6	PCC STA	116+56.74, 16.98' RT	26.06	Δ=36°39'58" R=10.00' L=6.40'
	1/4	116+55.38, 16.13' RT	26.04	
	1/2	116+53.91, 15.51' RT	26.02	
	3/4	116+52.36, 15.13' RT	26.01	
	PT STA	116+50.76, 15.00' RT	25.99	
C7	PC STA	37+52.52, 26.99' LT	25.91	Δ=89°59'54" R=20' L=31.40'
	1/4	37+54.05, 19.34' LT	25.87	
	1/2	37+58.38, 12.85' LT	25.82	
	3/4	37+64.87, 8.52' LT	25.78	
	PT STA	37+72.52, 7.00' LT	25.74	
C8	PC STA	37+95.56, 7.00' LT	25.65	D=57°53'06" R=10' L=10.10'
	1/4	37+98.06, 7.32' LT	25.68	
	1/2	38+00.40, 8.25' LT	25.71	
	3/4	38+02.43, 9.74' LT	25.73	
	PCC STA	38+04.03, 11.68' LT	25.75	
C9	PCC STA	38+04.03, 11.68' RT	25.75	D=57°10'27" R=20' L=19.96'
	1/4	38+07.18, 15.54' LT	25.78	
	1/2	38+11.18, 18.49' LT	25.80	
	3/4	38+15.79, 20.37' LT	25.85	
	PT STA	38+20.72, 21.05' LT	25.92	
C10	PC STA	37+92.04, 7.00' RT	25.61	D=47°44'43" R=10' L=8.33'
	1/4	37+94.11, 7.22' RT	25.63	
	1/2	37+96.09, 7.86' RT	25.68	
	3/4	37+97.89, 8.89' RT	25.73	
	PT STA	37+99.44, 10.28' RT	25.78	

* ELEVATION AT FACE OF CURB AT GUTTER/FLOW LINE.

N

5 2.5 0 5 10

SCALE IN FEET

CURB RAMP TABLE

X	STD PLAN	MEF CODE
7.1	422a	--
7.2	422a	--
7.3	422a	--

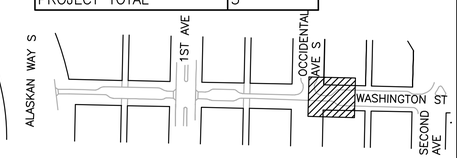
MEF CODES

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

CURB RAMP NOTES:
UNLESS OTHERWISE NOTED

1. ALL NEWLY CONSTRUCTED PEDESTRIAN ACCESS ROUTES INCLUDING SIDEWALK AND CURB RAMPS MUST MEET CURRENT ADA STANDARDS AND GUIDELINES (2010 ADA STANDARDS, PROWAG 2011) TO THE MAXIMUM EXTENT FEASIBLE.
2. WHERE THE DRAWINGS DENOTE "MEF" FOR CURB RAMP ELEMENTS, THIS DESIGNATION IS FOR THE REFERENCE ONLY AND MUST NOTIFY THE ENGINEER PER SECTION 8-14.3(7) AND ALLOW THE ENGINEER THE OPPORTUNITY TO INSPECT THE CURB RAMP LAYOUT AND DIRECT ADJUSTMENTS AS NECESSARY. EVERY EFFORT WILL BE MADE TO ACHIEVE AN ADA COMPLIANT RAMP.
3. THE CONTRACTOR MUST NOTIFY THE ENGINEER IF A CURB RAMP CANNOT BE CONSTRUCTED PER THE DRAWINGS, RESULTING IN A NON-COMPLIANT SLOPES AND/OR DIMENSIONS. PRIOR TO INSTALLING THE CURB RAMP, THE ENGINEER MUST APPROVE THE CURB RAMP LAYOUT.
4. PEDESTRIAN ACCESS THROUGH THE PROJECT MUST BE MAINTAINED IN COMPLIANCE WITH SDOT PEDESTRIAN MOBILITY IN AND AROUND WORK ZONES. DIRECTOR'S RULE 10-2015, AND SDOT 2018 TRAFFIC CONTROL MANUAL FOR IN-STREET WORK.
5. FOR ASSET MANAGEMENT PURPOSES, THIS PROJECT INCLUDES THE FOLLOWING:

NEW CURB RAMPS	0
RBUILT CURB RAMPS	3
PROJECT TOTAL	3



GENERAL NOTES

1. SEE PGN FOR GENERAL PAVING AND GRADING NOTES.

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FINAL CIRCULATION (100%)

CURB RAMP PLAN

MARK	DATE	REVISIONS
		NATURE
		MADE CHK'D
		REV'D

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BY: . . . . . .
PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE	INITIALS AND DATE
DESIGNED LK 6/3/2022	REVIEWED:
CHECKED DR 6/3/2022	DES. CONST.
	SDOT PROJ. MGR.
DRAWN JA, JZ 6/3/2022	RECEIVED
CHECKED DR 6/3/2022	REVISED AS BUILT

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LAUREL JEAN KUNKLER STATE OF WASHINGTON 43873 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CR07
SHEET 75 OF 198

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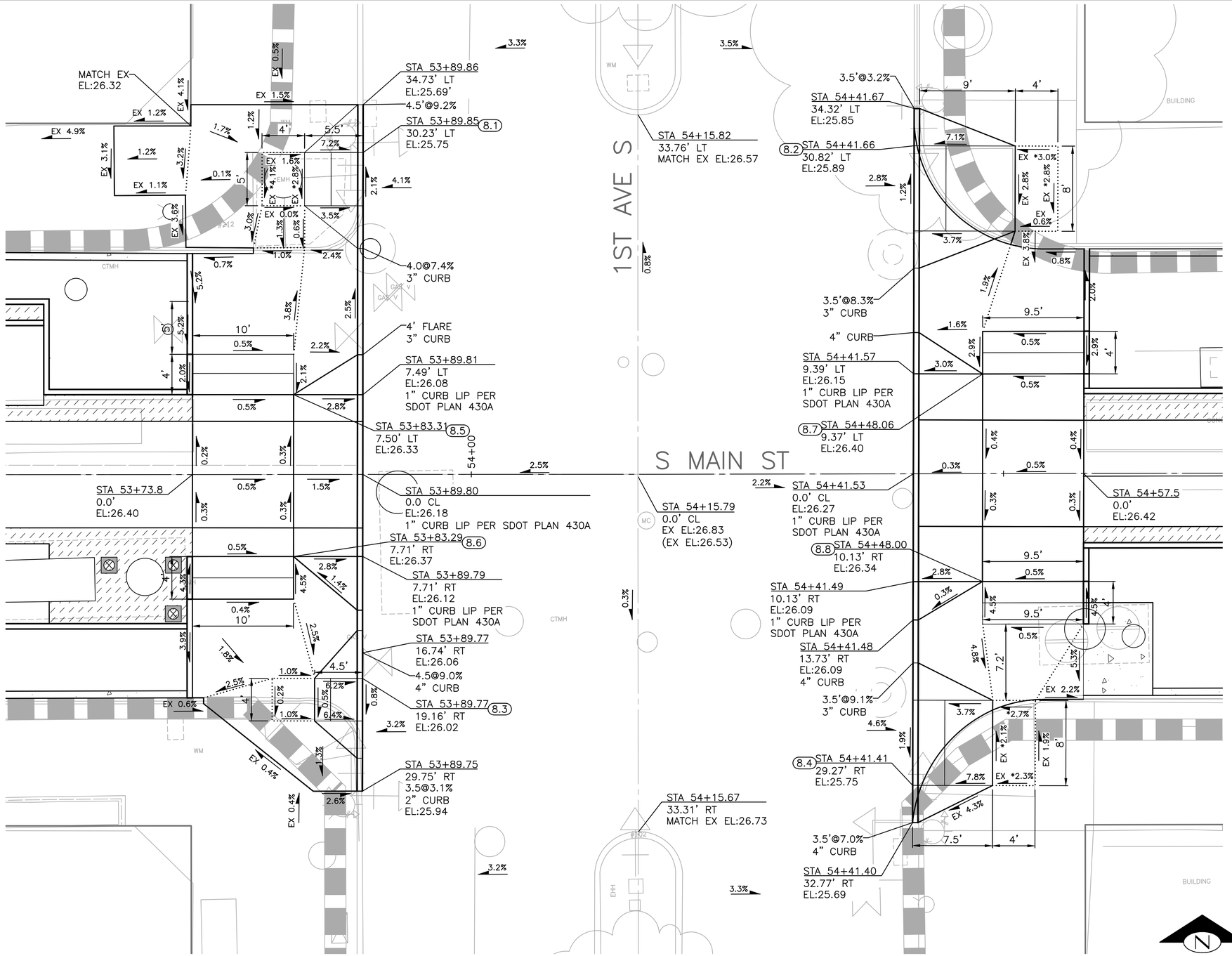
Jun-09-22 9:35am



(X.X)	STD PLAN	MEF CODE
8.1	422D	*5
8.2	422D	1.6
8.3	422D	1.6
8.4	422D	–
8.5	–	–
8.6	–	–
8.7	–	–
8.8	–	–

LEGEND

..... GRADE BREAK

MEF CODES

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

GENERAL NOTES

1. SEE SITE PREPARATION AND PAVING PLANS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.
2. SEE ALIGNMENT CONTROL PLANS FOR ALIGNMENT INFORMATION.
3. SEE PAVING AND GRADING PLANS FOR INFORMATION ON MATERIALS AND INSTALLATION.
4. ALL NEWLY CONSTRUCTED PEDESTRIAN ACCESS ROUTES INCLUDING SIDEWALK AND CURB RAMPS MUST MEET CURRENT ACCESSIBILITY STANDARDS AND GUIDELINES (2010 ADA STANDARDS, PROWAG 2011, AND STD PLANS 422 SERIES) TO THE MAXIMUM EXTENT FEASIBLE.
5. CONTRACTOR MUST NOTIFY THE ENGINEER IF A CURB RAMP CANNOT BE CONSTRUCTED PER THE DRAWINGS, RESULTING IN NON–COMPLIANT SLOPES AND/OR DIMENSIONS PER ACCESSIBILITY STANDARDS. THE ENGINEER MUST APPROVE THE NEW CURB RAMP LAYOUT PRIOR TO INSTALLING THE CURB RAMP.
6. PEDESTRIAN ACCESS THROUGH THE PROJECT MUST BE MAINTAINED IN COMPLIANCE WITH SDOT 2018 TRAFFIC CONTROL MANUAL FOR IN–STREET WORK.
7. WHERE PLANS DENOTE "MEF" FOR CURB RAMP ELEMENTS, THIS DESIGNATION IS FOR REFERENCE ONLY AND MUST BE FIELD VERIFIED BY THE ENGINEER. THE CONTRACTOR MUST NOTIFY THE ENGINEER PER SECTION 8–14.3(7) AND ALLOW THE ENGINEER THE OPPORTUNITY TO INSPECT THE CURB RAMP LAYOUT AND DIRECT ADJUSTMENTS AS NEEDED. EVERY EFFORT WILL BE MADE TO ACHIEVE AN ACCESSIBLE COMPLIANT RAMP TO COS STANDARDS.

N

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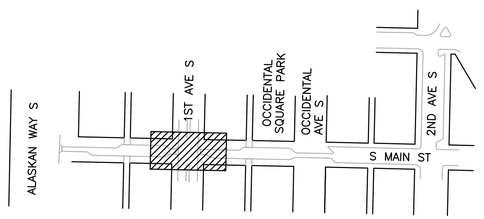
SCALE IN FEET



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1ST AVE S / S MAIN ST – CURB RAMP PLAN

FINAL CIRCULATION (100%)

MARK	DATE	REVISIONS	MADE	CHK'D	REV'D

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INITIALS AND DATE		
DESIGNED	LKM	6/3/2022
CHECKED	AES/JESL/RL	6/3/2022
DRAWN	JR	6/3/2022
CHECKED	LKM	6/3/2022

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INITIALS AND DATE	
REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
REVISED AS BUILT	

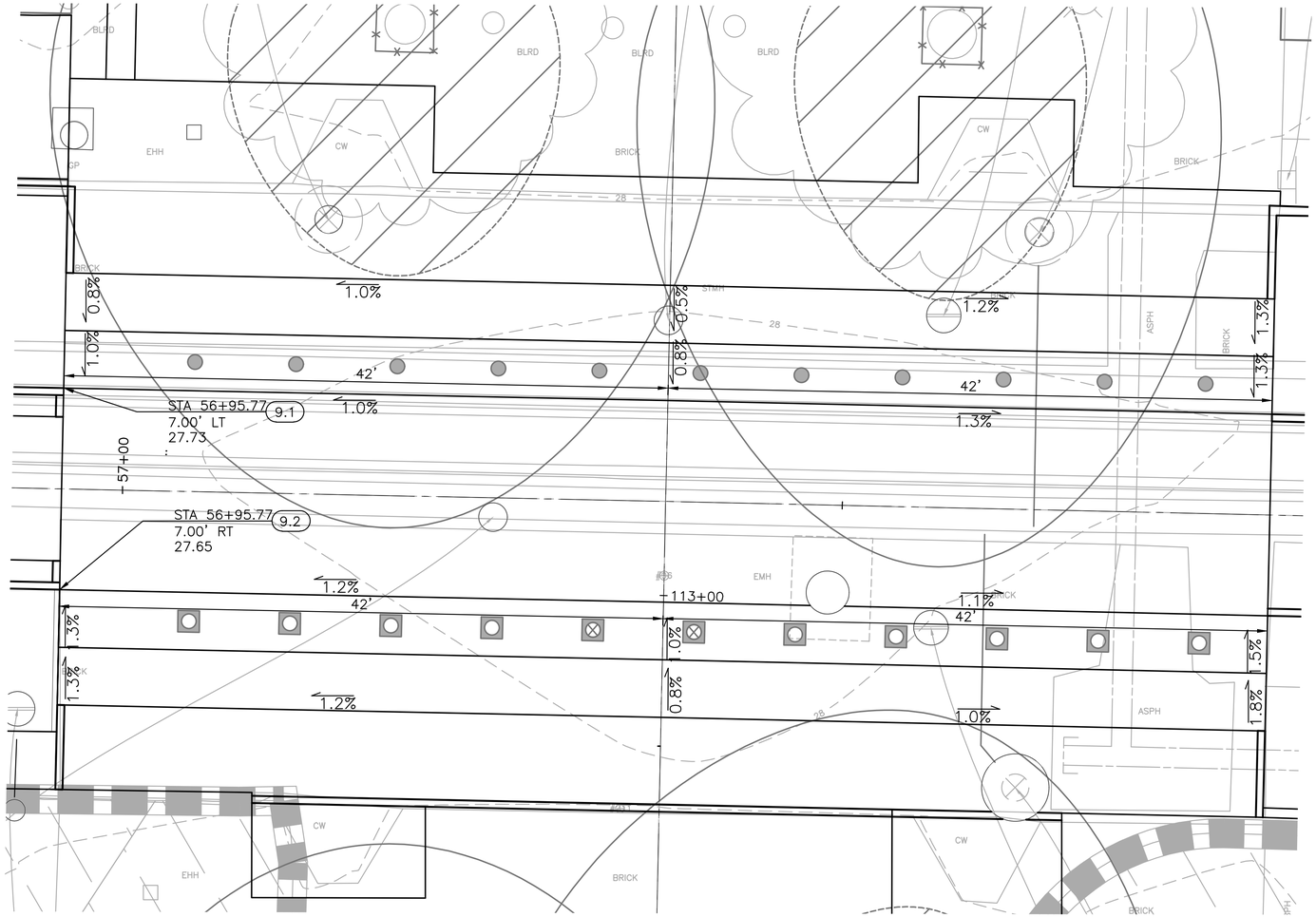
LAUREN KRYSTEN MCELHANEY
STATE OF WASHINGTON
26603
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021–061
SCALE: H. 1"=5'

PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449–S0100 CO
VPI # 792–293
CR08
SHEET 76 OF 198

X:\Seattle, City of\Projects\20180111 – Pioneer Square E – W Ped Improvements\CADD\Plan Sheets\PSEWS_P–MAIN CR.dwg
Jun–06–22 9:41am



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5. FOR ASSET MANAGEMENT PURPOSES, THIS PROJECT INCLUDES THE FOLLOWING:

NEW CURB RAMPS	2
RBUILT CURB RAMPS	0
PROJECT TOTAL	2

GENERAL NOTES

1. SEE PGN01 FOR GENERAL PAVING AND GRADING NOTES.

MEF CODES

*1 RIGHT-OF-WAY AVAILABILITY
*2 ROADWAY STRUCTURAL CONSTRAINT; WALL, AREAWAY, OR BRIDGE
*3 ADJACENT DEVELOPED FACILITY
*4 DRAINAGE
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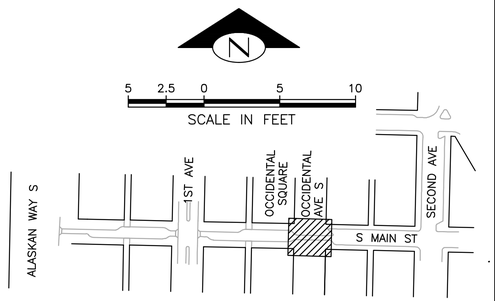
*6 EXISTING ROAD/SIDEWALK SLOPES
*7 EXISTING UTILITY VAULT OR UTILITY STRUCTURE
*8 (OTHER), DESCRIBE, ADD ANNOTATION

CURB RAMP TABLE

(X)	STD PLAN	MEF CODE
9.1	422a	--
9.2	422a	--

OCCIDENTAL AVE LAYOUT TABLE

STATION	15.00' LT BACK OF SIDEWALK	11.00' LT FRONT OF SIDEWALK	7.00' LT FLOWLINE	7.00' RT FLOWLINE	11.00' RT FRONT OF SIDEWALK	15.00' RT BACK OF SIDEWALK
56+95.77	27.80	27.77	27.73	27.65	27.70	27.75
57+16.75	28.01	27.96	27.91	27.91	27.95	27.98
57+37.73	28.22	28.20	28.17	28.17	28.21	28.24
57+53.95	28.03	27.99	27.96	27.98	28.01	28.04
57+65.73	27.89	27.85	27.80	27.85	27.87	27.88
57+79.70	27.72	27.67	27.62	27.69	27.76	27.82



CURB RAMP PLAN

FINAL CIRCULATION (100%)

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NO.	DATE	MARK	REVISIONS	NATURE	MADE	CHK'D	REV'D

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PURCHASING AND CONTRACTING DIRECTOR

INITIALS AND DATE	INITIALS AND DATE
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	SDOT PROJ. MGR.
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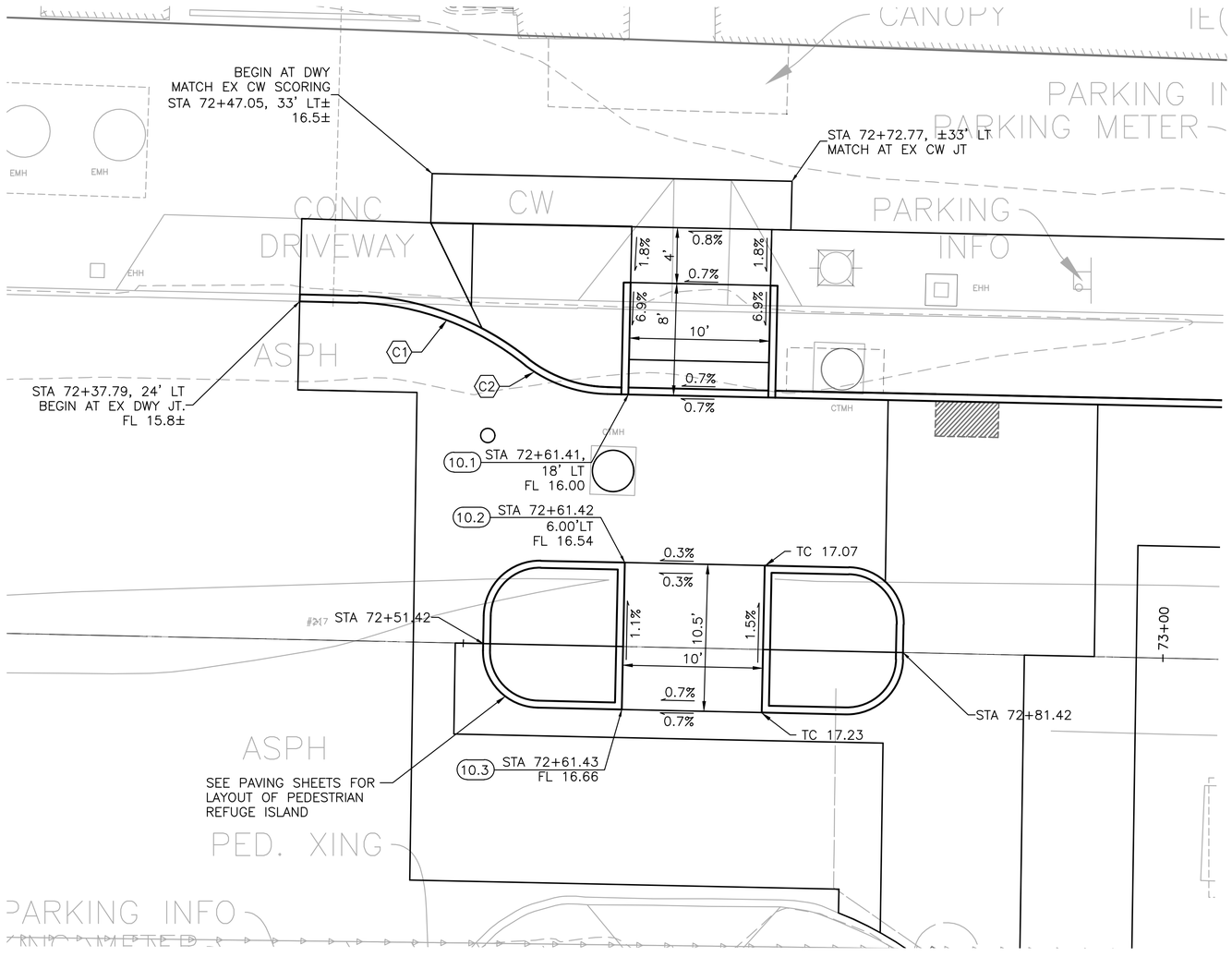
LAUREL JEAN KUNKLER STATE OF WASHINGTON 43672 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
###
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CR09
SHEET 77 OF 198

Z:\Shared\Seattle - Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\03 Main Street\073 CR09.dwg
Jun-09-22 9:36am



CURB RAMP TABLE

X	POINT	MEF CODE
10.1	422A	
10.2	422A	
10.3	422A	

MEF CODES

*1 RIGHT-OF-WAY AVAILABILITY
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CURB RETURN TABLE

X	POINT	STATION/ OFFSET	ELEV*	CURVE GEOMETRY
C1	PC STA	72+41.98, 24.15'LT	15.79	Δ=06°38'03" R=20.00' L=12.94'
	1/4	72+45.18 23.84' LT	15.81	
	1/2	72+48.31, 23.02'LT	15.84	
	3/4	72+51.27 21.72' LT	15.89	
	PT STA	72+53.97, 19.94'LT	15.94	
C2	PC STA	72+53.97 19.94'LT	15.94	Δ=43°13'25" R=10.00' L=6.34'
	1/4	72+55.32 19.11' LT	15.97	
	1/2	72+56.78 18.50'LT	15.99	
	3/4	72.58.32 18.13' LT	15.78	
	PT STA	72+59.89 18.00'LT	16.00	

* ELEVATION AT FACE OF CURB AT GUTTER/FLOW LINE.

CURB RAMP NOTES:
UNLESS OTHERWISE NOTED

1. ALL NEWLY CONSTRUCTED PEDESTRIAN ACCESS ROUTES INCLUDING SIDEWALK AND CURB RAMPS MUST MEET CURRENT ADA STANDARDS AND GUIDELINES (2010 ADA STANDARDS, PROWAG 2011) TO THE MAXIMUM EXTENT FEASIBLE.
2. WHERE THE DRAWINGS DENOTE "MEF" FOR CURB RAMP ELEMENTS, THIS DESIGNATION IS FOR THE REFERENCE ONLY AND MUST BE FIELD VERIFIED BY THE ENGINEER. THE CONTRACTOR NOTIFY THE ENGINEER PER SECTION 8-14.3(7) AND ALLOW THE ENGINEER THE OPPORTUNITY TO INSPECT THE CURB RAMP LAYOUT AND DIRECT ADJUSTMENTS AS NECESSARY. EVERY EFFORT WILL BE MADE TO ACHIEVE AN ADA COMPLIANT RAMP.
3. THE CONTRACTOR MUST NOTIFY THE ENGINEER IF A CURB RAMP CANNOT BE CONSTRUCTED PER THE DRAWINGS, RESULTING IN A NON-COMPLIANT SLOPES AND/OR DIMENSIONS. PRIOR TO INSTALLING THE CURB RAMP, THE ENGINEER MUST APPROVE THE CURB RAMP LAYOUT.
4. PEDESTRIAN ACCESS THROUGH THE PROJECT MUST BE MAINTAINED IN COMPLIANCE WITH SDOT PEDESTRIAN MOBILITY IN AND AROUND WORK ZONES. DIRECTOR'S RULE 10-2015, AND SDOT 2018 TRAFFIC CONTROL MANUAL FOR IN-STREET WORK.
5. FOR ASSET MANAGEMENT PURPOSES, THIS PROJECT INCLUDES THE FOLLOWING:

NEW CURB RAMPS	2
RBUILT CURB RAMPS	1
PROJECT TOTAL	3

GENERAL NOTES

1. SEE PGN01 FOR GENERAL PAVING AND GRADING NOTES.

N

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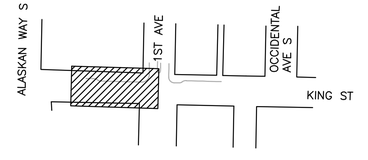
SCALE IN FEET



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3 Working Days
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FINAL CIRCULATION (100%)

CURB RAMP PLAN

VAULT SERIAL NO.	MARK	DATE	REVISIONS NATURE	MADE	CHK'D
38413					

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DESIGNED	LK 6/3/2022	REVIEWED:	
CHECKED	DR 6/3/2022	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN	JA, JZ 6/3/2022	RECEIVED	
CHECKED	DR 6/3/2022	REVISED AS BUILT	

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

LAUREL JEAN KUNKLER STATE OF WASHINGTON 43675 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CR10
SHEET 78 OF 198

Z:\Shared\Seattle - Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\04 King Street\074 CR10.dwg
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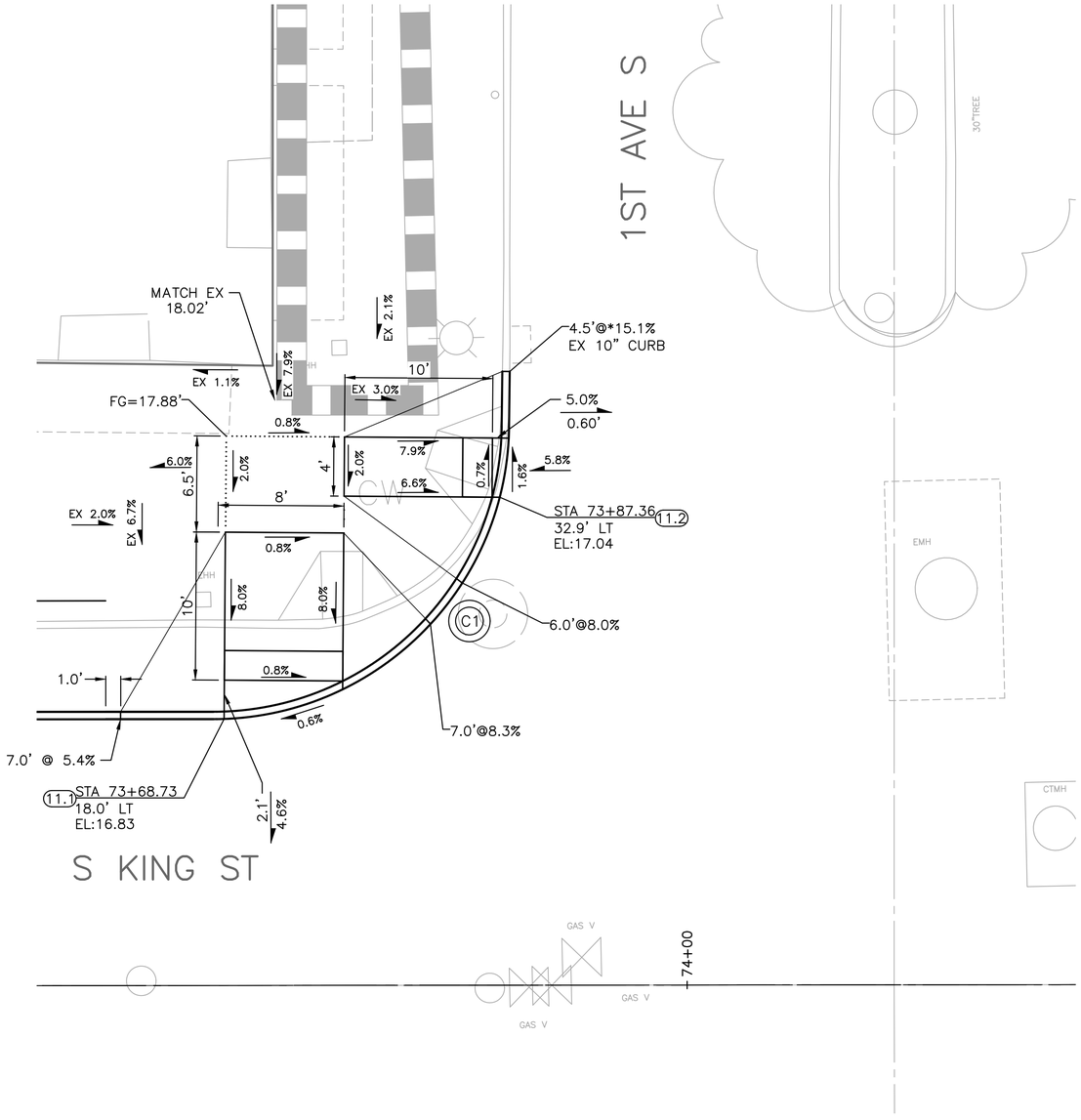


CURB RETURN TABLE

C1	POINT	STATION / OFFSET	ELEV.	CURVE GEOMETRY
C1	PC STA	73+68.00 (18.00' LT)	16.82'	Δ=89°16'16.68" R=20.00' T=19.75' L=31.16'
	1/4		16.88'	
	1/2		16.98'	
	3/4		17.09'	
	PT	73+88.00 (37.75' LT)	16.96'	

X.X	STD PLAN	MEF CODE
11.1	422D	–
11.2	422D	*2

LEGEND

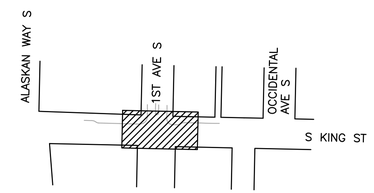
..... GRADE BREAK

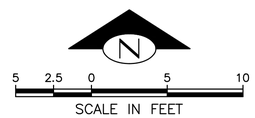
MEF CODES

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

GENERAL NOTES

1. SEE SITE PREPARATION AND PAVING PLANS FOR ADDITIONAL INFORMATION OF BELOW AND ABOVE SURFACE FEATURES.
2. SEE ALIGNMENT CONTROL PLANS FOR ALIGNMENT INFORMATION.
3. SEE PAVING AND GRADING PLANS FOR INFORMATION ON MATERIALS AND INSTALLATION.
4. ALL NEWLY CONSTRUCTED PEDESTRIAN ACCESS ROUTES INCLUDING SIDEWALK AND CURB RAMPS MUST MEET CURRENT ACCESSIBILITY STANDARDS AND GUIDELINES (2010 ADA STANDARDS, PROWAG 2011, AND STD PLANS 422 SERIES) TO THE MAXIMUM EXTENT FEASIBLE.
5. CONTRACTOR MUST NOTIFY THE ENGINEER IF A CURB RAMP CANNOT BE CONSTRUCTED PER THE DRAWINGS, RESULTING IN NON–COMPLIANT SLOPES AND/OR DIMENSIONS PER ACCESSIBILITY STANDARDS. THE ENGINEER MUST APPROVE THE NEW CURB RAMP LAYOUT PRIOR TO INSTALLING THE CURB RAMP.
6. PEDESTRIAN ACCESS THROUGH THE PROJECT MUST BE MAINTAINED IN COMPLIANCE WITH SDOT 2018 TRAFFIC CONTROL MANUAL FOR IN–STREET WORK.
7. WHERE PLANS DENOTE "MEF" FOR CURB RAMP ELEMENTS, THIS DESIGNATION IS FOR REFERENCE ONLY AND MUST BE FIELD VERIFIED BY THE ENGINEER. THE CONTRACTOR MUST NOTIFY THE ENGINEER PER SECTION 8–14.3(7) AND ALLOW THE ENGINEER THE OPPORTUNITY TO INSPECT THE CURB RAMP LAYOUT AND DIRECT ADJUSTMENTS AS NEEDED. EVERY EFFORT WILL BE MADE TO ACHIEVE AN ACCESSIBLE COMPLIANT RAMP TO COS STANDARDS.





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FINAL CIRCULATION (100%)

1ST AVE S / S KING ST – CURB RAMP PLAN

MARK	DATE	REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 38413

X:\Seattle, City of\Projects\20180111 – Pioneer Square E – W Ped Improvements\CADD\Plan Sheets\PSEWS_P–KING CR.dwg
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DESIGNED	LKM	6/3/2022
CHECKED	AES/JESL/RL	6/3/2022
DRAWN	JR	6/3/2022
CHECKED	LKM	6/3/2022

INITIALS AND DATE	
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DES.	CONST.
SDOT	PROJ. MGR.
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REVISED AS BUILT	

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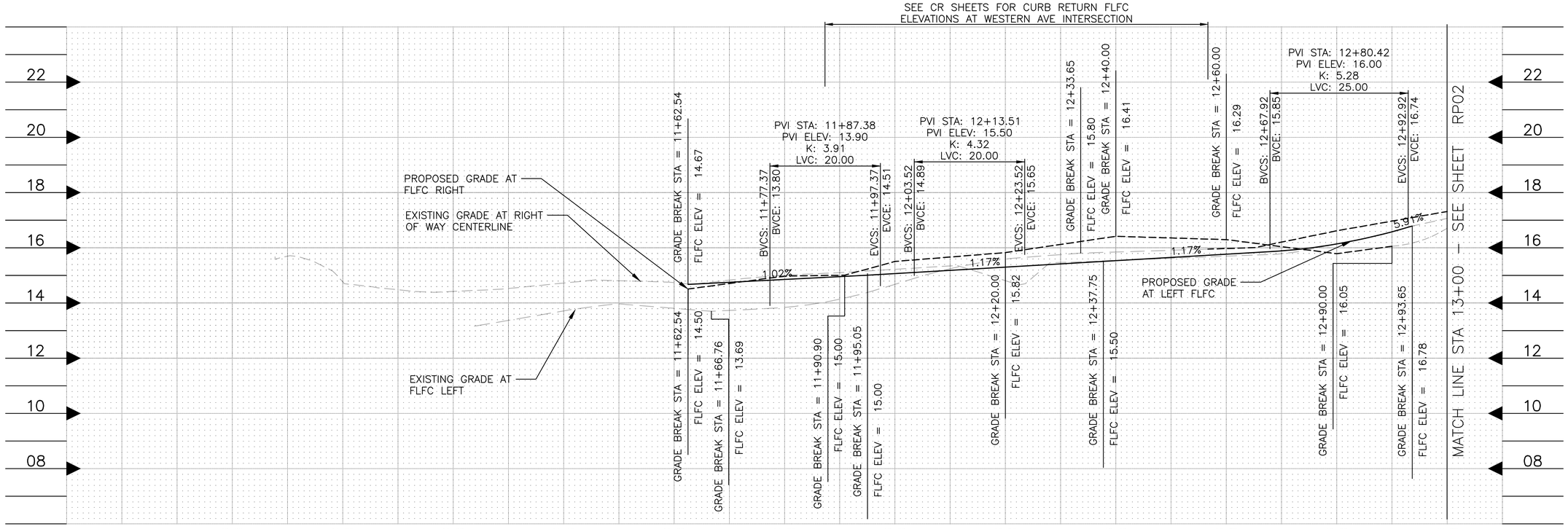
LAUREN KRYSTEN MCELHARRY — STATE OF WASHINGTON — 55603 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021–061**
SCALE: H. 1"=5'

PIONEER SQUARE EAST–WEST STREETS

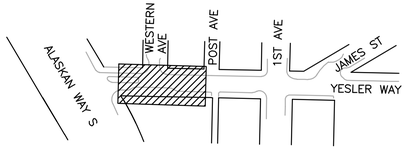
JOB PC **TRC0449–S0100** CO
VPI # 792–293
CR11
SHEET 79 OF 198



	10+80	11+00	11+20	11+40	11+60	11+80	12+00	12+20	12+40	12+60	12+80	13+00
EG	EG 14.77	EG 14.41	EG 14.72	EG 14.73	EG 15.00	EG 15.22	EG 14.80	EG 15.54	EG 15.69	EG 16.14	EG 17.06	
	--	--	--	--	14.85	15.06	15.29	15.53	15.76	16.13	--	
L	L	L	L	L	L	L	L	L	L 15.97	L 16.61	L 17.31	
R	R	R	R	R	R 14.97	R 15.50	R 15.82	R 16.41	R 16.29	R 15.78	R	

LEGEND

— — — — —	EXISTING GRADE LINE, ROADWAY CENTERLINE
————	PROPOSED GRADE LINE, ROADWAY CENTERLINE
– – – – – – – – –	PROPOSED GRADE LINE AT ROADWAY FLOW LINE (OFFSET PER PROFILE)
EG XX.XX	EXISTING ELEVATION AT ROADWAY CENTERLINE
FG XX.XX	PROPOSED ELEVATION AT ROADWAY CENTERLINE
L XX.XX	PROPOSED ELEVATION LEFT OFFSET AS NOTED IN PROFILE
R XX.XX	PROPOSED ELEVATION RIGHT OFFSET AS NOTED IN PROFILE
FLFC	FLOWLINE AT FACE OF CURB



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CHECKED	LK 6/3/2022	DES.	CONST.
		SDOT	PROJ. MGR.
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LAUREL JEAN KUNKLER
STATE OF WASHINGTON
43576
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=20', V. 1"=10'

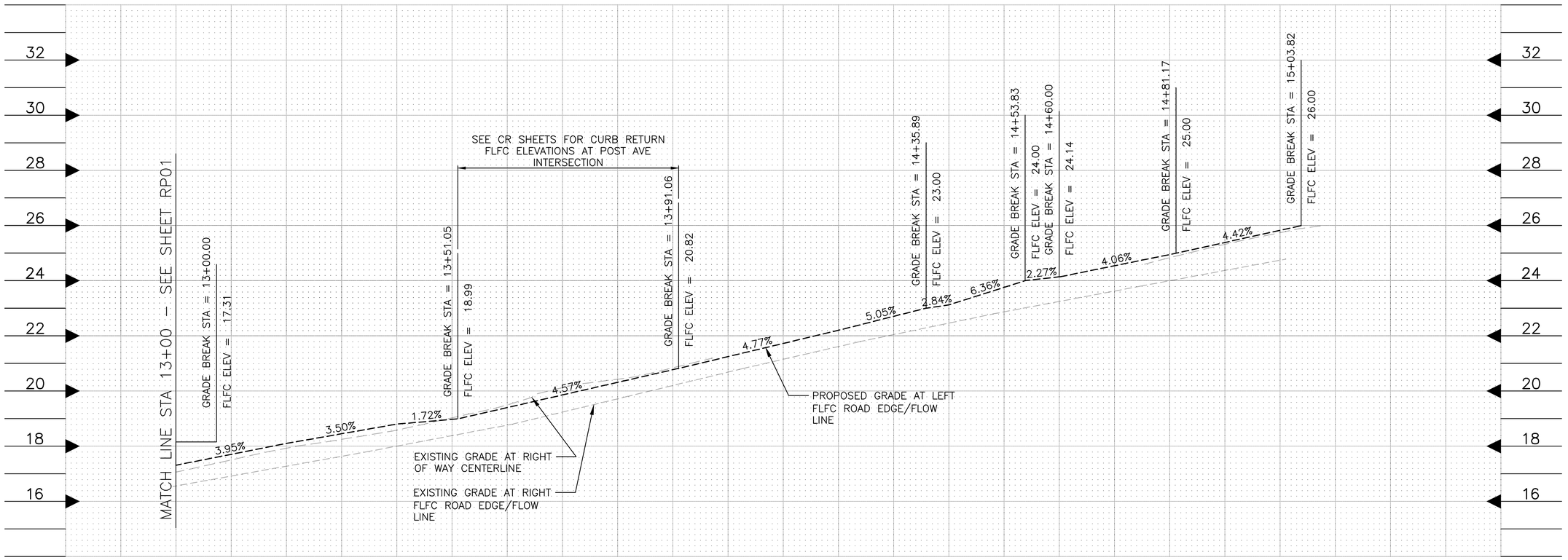
PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
RP01
SHEET 80 OF 198

VAULT SERIAL NO.	MARK	DATE	NATURE OF REVISIONS	MADE	CHK'D	REV'D

38413

Z:\Shared\Seattle – Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\01 Yesler Street\076 RP01.dwg
Jun-09-22 10:16am



	13+00	13+20	13+40	13+60	13+80	14+00	14+20	14+40	14+60	14+80	15+00
EG	EG 17.06	EG 17.93	EG 18.58	EG 19.49	EG 20.43	EG	EG	EG	EG	EG 24.84	EG 25.75
FG		--	--	--	--	--	--	--	--		
LT	L 17.31	L 18.10	L 18.80	L 19.40	L 20.31	L 21.25	L 22.20	L 23.12	L 24.14	L 24.95	L 25.83
RT	R	R	R	R	R	R	R	R	R	R	R

LEGEND

- EXISTING GRADE LINE, ROADWAY CENTERLINE
- PROPOSED GRADE LINE, ROADWAY CENTERLINE
- PROPOSED GRADE LINE AT ROADWAY FLOW LINE (OFFSET PER PROFILE)
- EG XX.XX — EXISTING ELEVATION AT ROADWAY CENTERLINE
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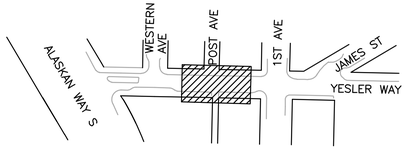
- FLFC — FLOWLINE AT FACE OF CURB



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LAUREL JEAN KUNKLER — STATE OF WASHINGTON — 19071 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
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SCALE: H. 1"=20', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

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VPI # 792-293
RP02
SHEET 81 OF 198

MARK	DATE	APPD	REVISIONS

38413

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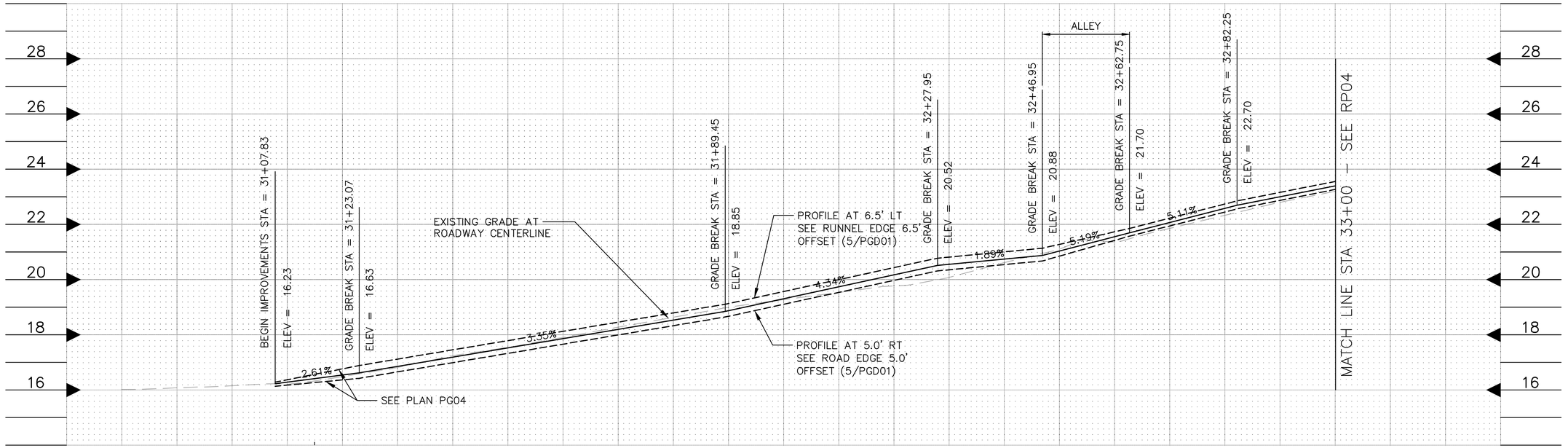

EG		EG 16.16	EG 16.49	EG 17.24	EG 17.91	EG 18.64	EG 19.27	EG 19.77	EG 20.62	EG 21.36	EG 22.33	EG 23.21
FG		FG	FG 16.55	FG 17.19	FG 17.86	FG 18.53	FG 19.31	FG 20.18	FG 20.75	FG 21.56	FG 22.58	FG 23.40
LT	L	L	L 16.77	L 17.46	L 18.13	L 18.80	L 19.57	L 20.44	L 21.01	L 21.73	L 22.74	L 23.56
RT	R	R	R 16.37	R 16.99	R 17.66	R 18.33	R 19.11	R 19.98	R 20.55	R 21.42	R 22.45	R 23.27

LEGEND

— — — — —	EXISTING GRADE LINE, ROADWAY CENTERLINE
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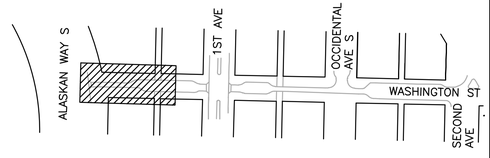

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SAKARU TSUCHIYA
STATE OF WASHINGTON
45716
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB	PC JOB PC
	CO JOB CO
VPI #	792-293
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SHEET	82 OF 198

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VAULT SPCWL NO. 38413

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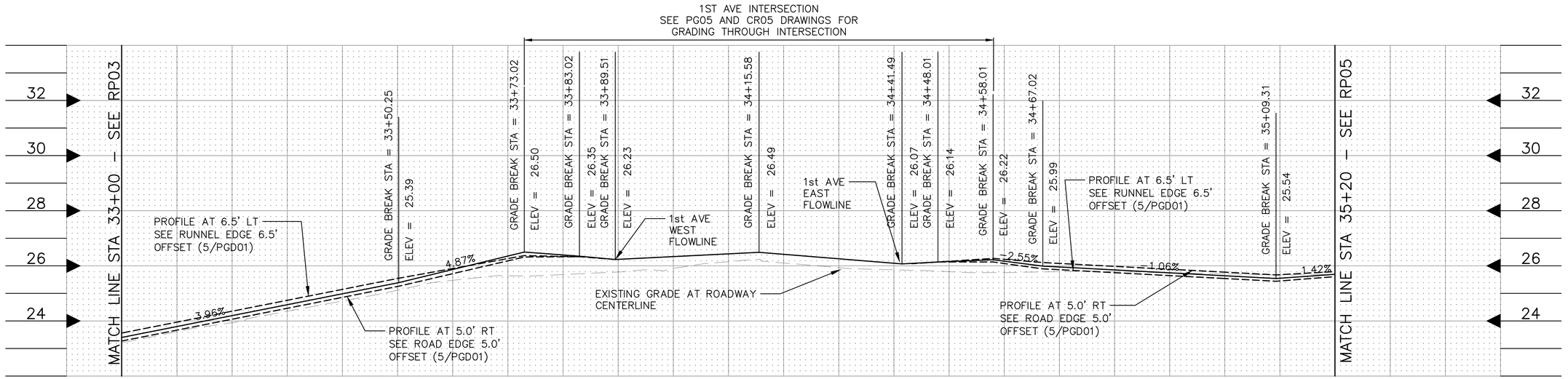

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EG	EG 23.21	EG 23.93	EG 24.72	EG 25.47	EG 25.68	EG 25.91	EG 26.10	EG 25.86	EG 25.76	EG 25.80	EG 25.71	EG 25.70
FG	FG 23.40	FG 24.19	FG 24.98	FG 25.87					FG 26.17	FG 25.85	FG 25.64	FG 25.69
LT	L 23.56	L 24.35	L 25.14	L 25.90					L 26.24	L 25.98	L 25.77	L 25.79
RT	R 23.27	R 24.06	R 24.85	R 25.71					R 26.08	R 25.75	R 25.54	R 25.61

LEGEND

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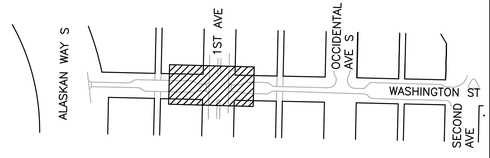

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CHECKED LK 6/3/2022	DES. CONST.
	SDOT PROJ. MGR.
DRAWN JA, JZ 6/3/2022	RECEIVED
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SAKARU TSUCHIYA
STATE OF WASHINGTON
43716
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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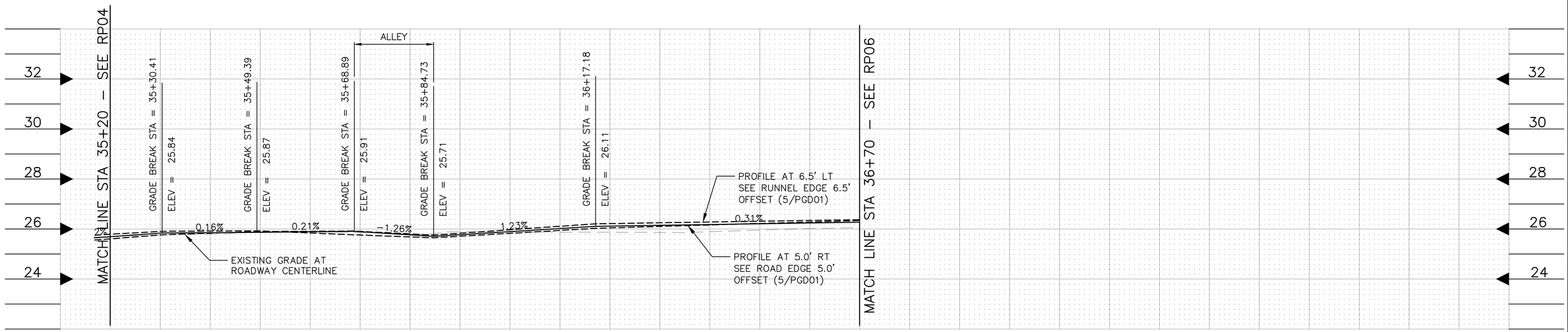
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB	PC JOB PC
	CO JOB CO
VPI #	792-293
	RP04
SHEET	83 OF 198

MARK	DATE	NO.	REVISIONS



35+20	35+40	35+60	35+80	36+00	36+20	36+40	36+60
G 25.70	EG 25.80	EG 25.89	EG 25.80	EG 25.88	EG 25.87	EG 25.89	EG 26.02
G 25.69	FG 25.86	FG 25.89	FG 25.77	FG 25.90	FG 26.12	FG 26.18	FG 26.24
L 25.79 R 25.61	L 25.92 R 25.84	L 25.84 R 25.91	L 25.69 R 25.81	L 25.83 R 25.97	L 26.05 R 26.22	L 26.16 R 26.28	L 26.28 R 26.34

LEGEND

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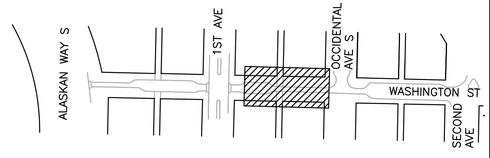
FLFC	FLOWLINE AT FACE OF CURB



S WASHINGTON ST ROADWAY PROFILE

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DESIGNED LK, ST 6/3/2022	REVIEWED:
CHECKED LK 6/3/2022	DES. CONST.
	SDOT PROJ. MGR.
DRAWN JA, JZ 6/3/2022	RECEIVED
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SAKARU TSUCHIYA
STATE OF WASHINGTON
45716
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
RP05
SHEET 84 OF 198

MARK	DATE	MADE CHK'D	REV'D

VAULT SPCHL NO. 38413
NATURE OF REVISIONS

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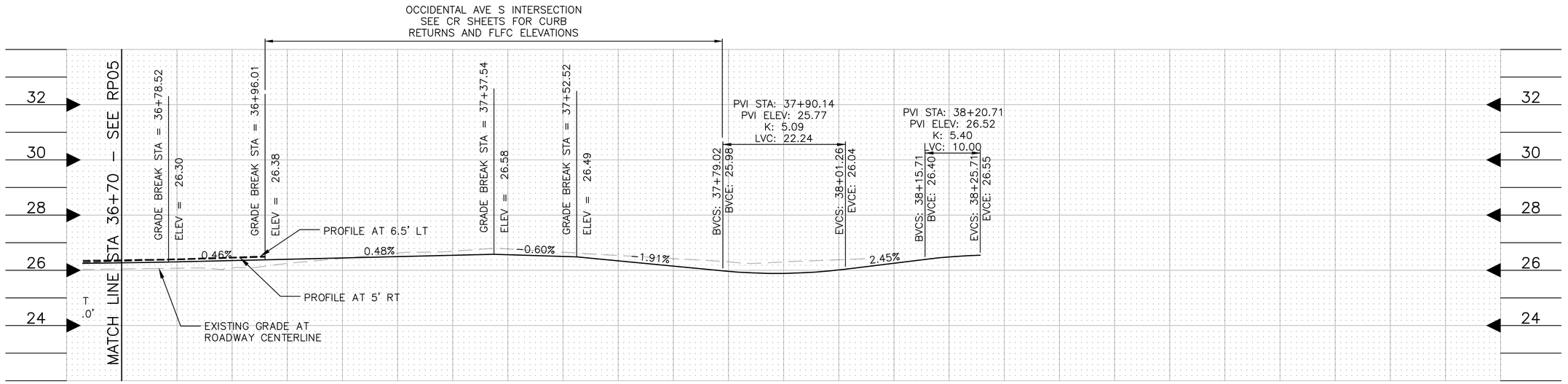
Jun-09-22 10:18am



LEGEND

— — — — —	EXISTING GRADE LINE, ROADWAY CENTERLINE
————	PROPOSED GRADE LINE, ROADWAY CENTERLINE
– – – – – – – – –	PROPOSED GRADE LINE, ROADWAY EDGE (OFFSET PER PROFILE)
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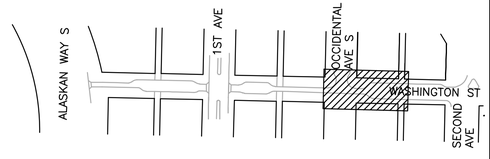
FLFC	FLOWLINE AT FACE OF CURB

SHEET NOTES

1. SEE SIDEWALK LAYOUT TABLE AND CURB RETURN TABLE ON CR06 FOR FLOWLINE ELEVATION.



S WASHINGTON ST ROADWAY PROFILE

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MARK	DATE	REVISIONS

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SAKARU TSUCHIYA
STATE OF WASHINGTON
43578
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
RP06
SHEET 85 OF 198

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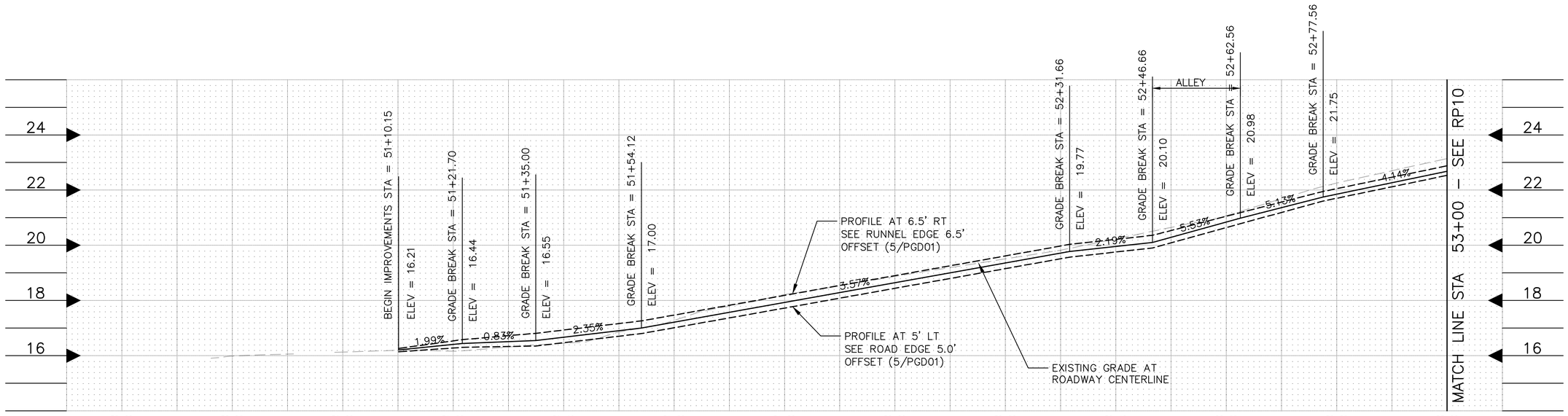

EG	EG	EG 15.99	EG 16.13	EG 16.16	EG 16.45	EG 17.28	EG 18.21	EG 18.87	EG 19.50	EG 20.23	EG 21.07	EG 22.25	EG 23.14
FG	FG	FG	FG	FG 16.41	FG 16.67	FG 17.21	FG 17.93	FG 18.64	FG 19.36	FG 19.95	FG 20.84	FG 21.85	FG 22.68
LT	L	L	L	L 16.53	L 16.93	L 17.47	L 18.18	L 18.90	L 19.61	L 20.21	L 21.05	L 22.05	L 22.88
RT	R	R	R	R 16.28	R 16.47	R 17.01	R 17.72	R 18.44	R 19.15	R 19.75	R 20.64	R 21.70	R 22.53

LEGEND

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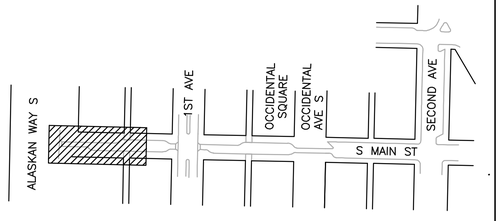

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SAKARU TSUCHIYA
STATE OF WASHINGTON
43716
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
RP07
SHEET 86 OF 198

MAULT SERIAL NO.	DATE	MARK	REVISIONS	NATURE	REV'D
38413					

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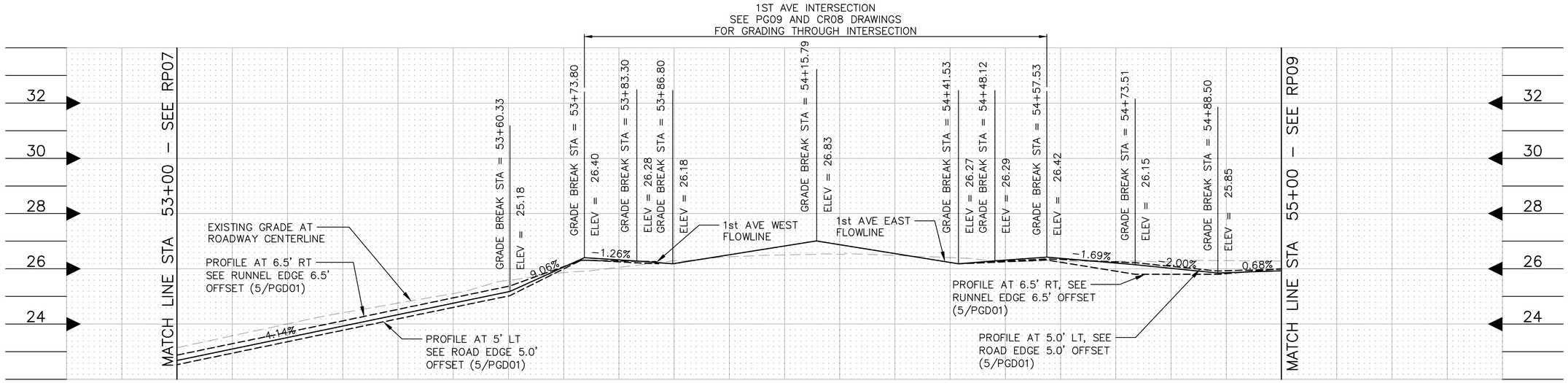

EG EG 23.14	EG 24.01	EG 24.76	EG 25.58	EG 26.05	EG 26.44	EG 26.53	EG 26.40	EG 26.23	EG 26.26	EG 26.29
FG FG 22.68	FG 23.51	FG 24.34	FG 25.17	FG 26.32	FG 26.51	FG 26.87	FG 26.23	FG 26.38	FG 26.02	FG 25.93
LT L 22.88 **RT** R 22.53	L 23.70 R 23.36	L 24.53 R 24.19	L 25.37 R 25.02	L 26.29 R 26.25	L R	L R	L R	L 26.24 R 26.34	L 25.80 R 26.09	L 26.00 R 25.99

LEGEND

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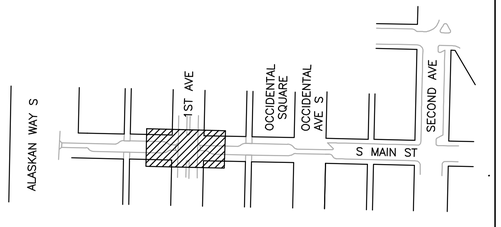

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PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
RP08
SHEET 87 OF 198

MARK | DATE | NATURE OF REVISIONS
MAR | SHEET NO. 38413

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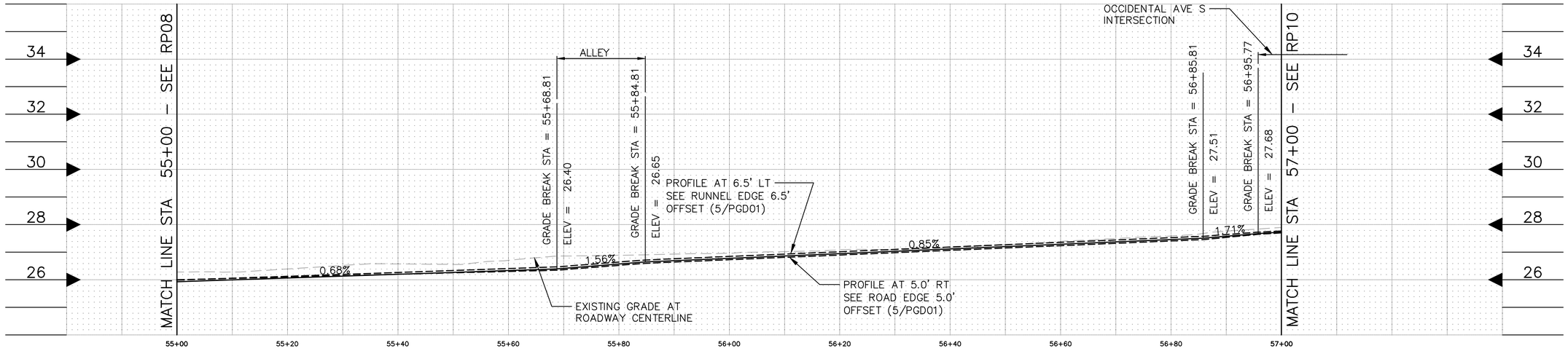

EG EG	26.29	EG 26.40	EG 26.58	EG 26.71	EG 26.89	EG 26.96	EG 27.09	EG 27.17	EG 27.39	EG 27.59	EG 27.90
FG FG	25.93	FG 26.07	FG 26.20	FG 26.34	FG 26.57	FG 26.78	FG 26.95	FG 27.12	FG 27.29	FG 27.46	FG 27.73
LT L	26.00	L 26.10	L 26.20	L 26.31	L 26.52	L 26.73	L 26.90	L 27.07	L 27.24	L 27.41	L 27.70
RT R	25.99	R 26.13	R 26.27	R 26.41	R 26.64	R 26.85	R 27.02	R 27.19	R 27.36	R 27.53	R 27.77

LEGEND

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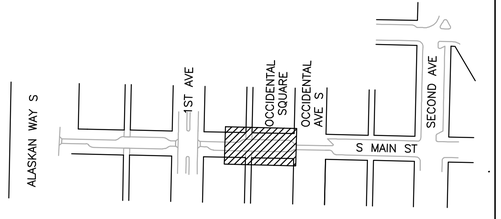

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REGISTERED
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Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
RP09
SHEET 88 OF 198

VAULT SERIAL NO. 38413
DATE | MARK | REVISIONS | NATURE | MADE | CHK'D | REV'D

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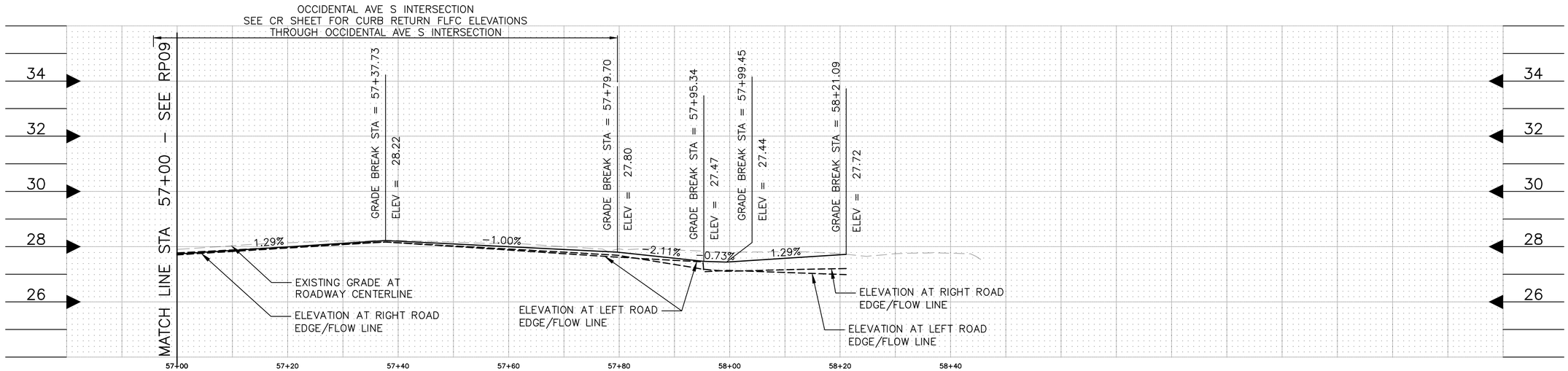

EG EG 27.90	EG 28.14	EG 28.23	EG 28.14	EG 27.92	EG 27.80	EG 27.75	EG 27.76
FG FG 27.73	FG 27.99	FG 28.20	FG 28.00	FG 27.79	FG 27.45	FG 27.71	FG
LT L 27.70	L 27.95	L 28.14	L 27.88	L 27.62	L 27.14	L 27.00	L
RT R 27.77	R 27.98	R 28.14	R 27.92	R 27.68	R 27.11	R 27.21	R

LEGEND

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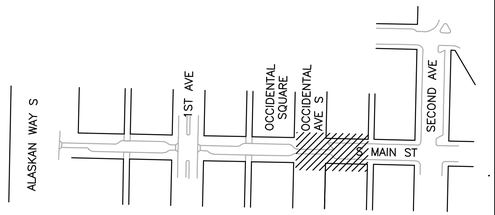

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43278
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
RP10
SHEET 89 OF 198

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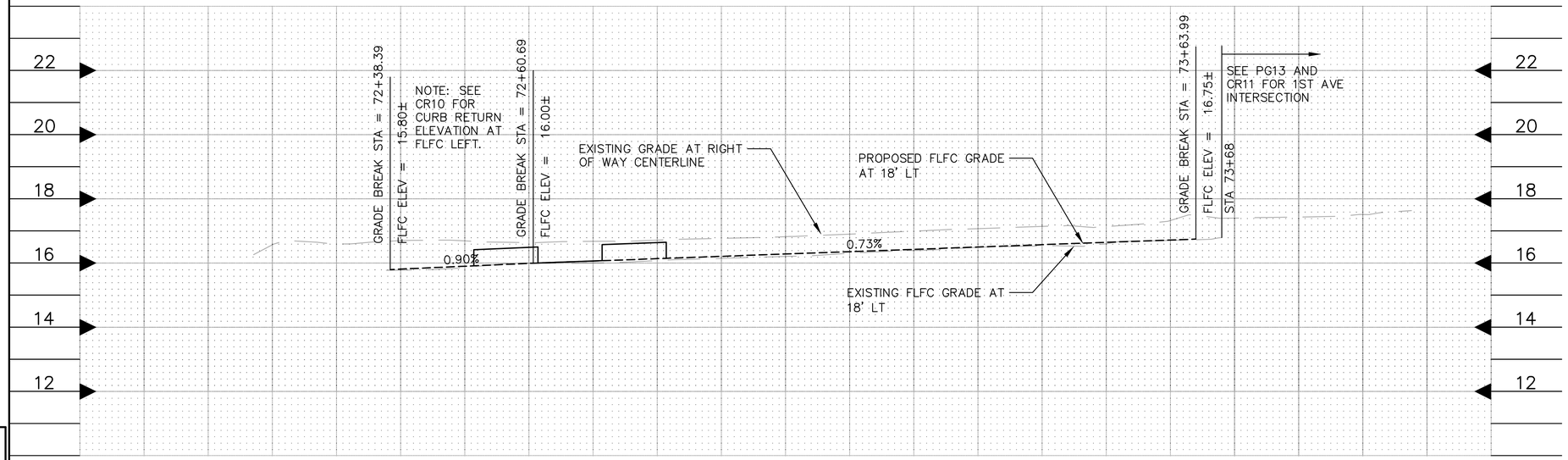

	72+00	72+20	72+40	72+60	72+80	73+00	73+20	73+40	73+60	73+80
EG	EG	EG 16.57	EG 16.70	EG 16.63	EG 16.72	EG 16.83	EG 17.00	EG 17.14	EG 17.33	EG 17.44
FG		--	--	--	--	--	--	--	--	--
LT	L	L	L 15.81	L 15.99	L 16.14	L 16.29	L 16.43	L 16.58	L 16.72	L

LEGEND

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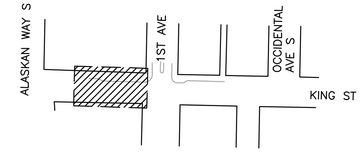

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LAUREL JEAN KUNKLER
STATE OF WASHINGTON
43672
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
RP11
SHEET 90 OF 198

VAULT SPCN. NO.	DATE	MARK	REVISIONS
38413			

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Jun-09-22 10:20am

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	STPUL 1602(029)	120

LIGHTING GENERAL NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS:

1. ALL DISCONNECTIONS, TEMPORARY CONNECTIONS OR FINAL SERVICE CONNECTIONS WILL BE MADE BY SEATTLE CITY LIGHT (SCL) AT PROJECT'S EXPENSE. COORDINATE ALL ENERGIZING AND DE–ENERGIZING OF STREET LIGHTING SERVICE WITH SCL ELECTRICAL SERVICE REPRESENTATIVE AND STREETLIGHT ENGINEER FIFTEEN (15) WORKING DAYS IN ADVANCE. ADDITIONAL TIME MAY BE NEEDED FOR CREW SCHEDULING AND MOBILIZATION.
2. CONTRACTOR MUST MAKE PRIOR COORDINATION FOR FLOOD OR STREETLIGHT REMOVAL. CONTRACTOR MUST MAKE PRIOR DELIVERY COORDINATION FOR SALVAGED STREETLIGHT–RELATED MATERIALS TO SEATTLE CITY LIGHT SALVAGE YARD AT 4TH AVE S & S SPOKANE ST, 98134. CONTACT SALVAGE COORDINATOR AT 206–386–1765. NO ARTERIAL STREETLIGHT MAY BE DISABLED WITHOUT PRIOR APPROVAL FROM SEATTLE DEPARTMENT OF TRANSPORTATION (SDOT).
3. WORK MUST BE SCHEDULED SUCH THAT NO TWO (2) ADJACENT OR OPPOSITE STREETLIGHTS ARE DISABLED AT ANY ONE TIME.
4. ANY EXCAVATION IN PROXIMITY TO AN EXISTING STREETLIGHT POLE MUST BE DONE WITHOUT UNDERMINING ITS STABILITY. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY STABILIZING SUPPORT.
5. ALL WORK SHALL CONFORM TO SEATTLE CITY LIGHT (SCL) CURRENT STANDARDS ONCE CONSTRUCTION COMMENCES.
6. INSTALLATION OF UNDERGROUND STREETLIGHT SYSTEMS, AND STREETLIGHT SYSTEM GROUNDING AND BONDING MUST BE PER SEATTLE CITY LIGHT (SCL) CONSTRUCTION STANDARD 1714.50.
7. ALL WIRING, INCLUDING STREET LIGHTING, PEDESTRIAN LIGHTING AND FESTOON LIGHTING CIRCUITS MUST BE CLEARLY LABELED PER SEATTLE CITY LIGHT (SCL) CONSTRUCTION STANDARD 1714.10.
8. EACH LUMINAIRE MUST BE FUSED PER SEATTLE CITY LIGHT (SCL) CONSTRUCTION STANDARD 1730.00.
9. STREETLIGHT HANDHOLE AND CONDUIT REQUIREMENTS MUST CONFORM TO SCL CONSTRUCTION STANDARD 1716.07.
10. PULL TAPE MUST BE INSTALLED THROUGH VACANT CONDUIT AND CAPPED PER (SCL) CONSTRUCTION STANDARD U2–11.40/NDK–40.
11. MAINTAIN MINIMUM HORIZONTAL & VERTICAL CLEARANCES BETWEEN SCL UNDERGROUND STRUCTURES AND VARIOUS OTHER UTILITY STRUCTURES PER SCL CONSTRUCTION STANDARD 0214.00
12. FOR STREET LIGHTING INSPECTIONS CONTACT SCL ELECTRICAL REVIEWER TEN (10) WORKING DAYS IN ADVANCE.
13. CONTRACTOR MUST CALL FOR AN ELECTRICAL REVIEWER INSPECTION OF THE STREET LIGHTING SYSTEM AT VARIOUS STAGES OF INSTALLATION/CONSTRUCTION OR AS INSTRUCTED BY THE SCL INSPECTOR.
14. CONTRACTOR MUST PROVIDE AN OPERATOR AND MAN LIFT TRUCK FOR USE DURING INSPECTION OF INSTALLED STREETLIGHT FACILITIES.
15. 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 ACCESS COVERS, DISCONNECTING AND RECONNECTING FUSE HOLDERS AND MECHANICAL SPLICE CONNECTIONS, VERIFYING CONDUIT RUNS, ETC.
16. PRIOR TO REQUESTING FINAL STREETLIGHT SERVICE CONNECTION, CONTRACTOR MUST CORRECT ALL PUNCH LIST ITEMS AND CALL FOR RE–INSPECTION WHERE REQUIRED BY THE INSPECTOR. CONTRACTOR MUST PREPARE A SIGNED AS–BUILT AND WIRING DIAGRAM WHICH INCLUDES WHICH DUCT IS USED IN EACH DUCT BANK.
17. ALL POLES THAT ARE TO BE INSTALLED SHALL BE A MINIMUM OF 2 FEET CLEAR OF THE FACE OF CURB.
18. THE CONSTRUCTION PLANS DO NOT SHOW ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL INVESTIGATE UTILITIES PRIOR TO ANY FOUNDATION EXCAVATION AND CONDUIT TRENCHING TO AVOID DAMAGE TO ANY UNDERGROUND UTILITIES. HAND DIGGING MAY BE REQUIRED IN AREAS WHERE EXISTING UNDERGROUND UTILITIES OR EXISTING TREES' CRITICAL ROOT ZONES CONFLICT WITH POLE FOUNDATION INSTALLATION. ALL EXISTING UTILITIES SHALL BE LOCATED AND MARKED IN THE FIELD BEFORE PERFORMING ANY UNDERGROUND WORK. CARE SHALL BE EXERCISED WHEN EXCAVATING, TRENCHING, OR BORING NEAR ANY EXISTING UTILITIES OR EXISTING TREES' CRITICAL ROOT ZONES. UTILITY COMPANIES SHALL BE CONTACTED THROUGH THE ENGINEER IF PROPOSED CONSTRUCTION CONFLICTS WITH ANY EXISTING UTILITIES. ALL EXISTING UTILITY INFRASTRUCTURE AND CRITICAL ROOT ZONES TO BE PROTECTED AT ALL TIMES THROUGHOUT CONSTRUCTION.
19. ALL CONDUIT ROUTES AND HANDHOLE LOCATIONS SHOWN IN PLANS ARE TO BE FIELD VERIFIED. CONDUIT ROUTES AND HANDHOLE LOCATIONS ARE SHOWN IN THEIR INTENDED LOCATIONS ON THE PLANS TO AVOID CONFLICTS WITH UTILITIES AND TREE ROOT ZONES. CONDUIT AND HANDHOLES CAN BE ADJUSTED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER TO AVOID CONFLICTS AND TO ALIGN HANDHOLES WITH PAVEMENT SCORING. CONDUIT INSTALLATION SHALL MEET THE REQUIREMENTS OF CITY OF SEATTLE STANDARD SPECIFICATIONS SECTION 8–33.3(2).
20. NEW POLE LOCATIONS SHALL BE APPROVED BY THE ENGINEER BEFORE EXCAVATION WORK BEGINS.
21. ALL HANDHOLES PLACED IN SIDEWALK SHALL HAVE SLIP RESISTANT LIDS.

LEGEND

PROPOSED	EXISTING	
◉■◉	◉■◉	LUMINAIRE
■	■	HANDHOLE
	□	SCL MANHOLE
———		KICKRAIL LIGHTING
	⊠	SCL SERVICE VAULT
⋈		SERVICE CABINET

ABBREVIATIONS

EX	EXISTING
HH	HANDHOLE
LED	LIGHT EMITTING DIODE
SL	STREET LIGHT

NATURE OF REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO.	DATE	MARK

VS #

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LIGHTING PLAN

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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0–02.3 OF THE PROJECT MANUAL.

ROBERT D. MIHELIC — STATE OF WASHINGTON — 22800 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. ordinance PW NO. #
FUND: ####
SCALE: N/A

PIONEER SQUARE EAST–WEST STREET

JOB PC JOB PC
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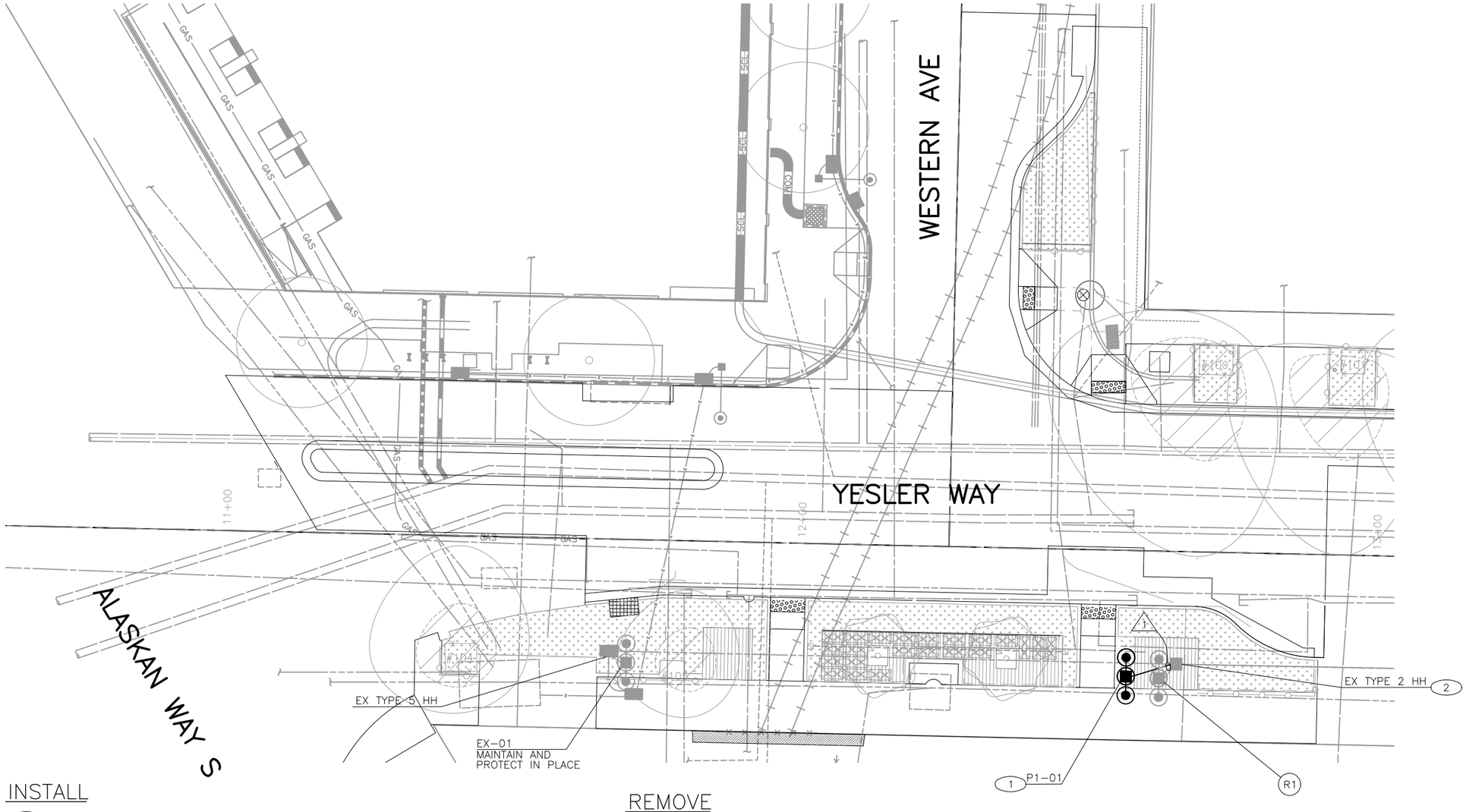
VPI #792–293 V #38413
LTN01
SHEET 91 OF 198

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	STPUL 1602(029)	120



INSTALL

(1) NEW CITY OF SEATTLE STANDARD 3-GLOBE ORNAMENTAL EVLUMA OMNIMAX LED LAMP LUMIAIRE WITH 22" ACRYLIC GLOBE INACCORDANCE WITH SCL MATERIAL STANDARD 5724.15. EACH GLOBE LUMINAIRE SHALL BE 70W, 120/277V, 3000K, WITH TYPE V DISTRIBUTION. LUMINAIRE SHALL BE MOUNTED ON AN 18FT FLUTED, GALVANIZED STEEL POLE WITH REINSTALL HISTORIC BASE AND RAILROAD GREEN COLOR IN ACCORDANCE WITH SCL CONSTRUCTION STANDARD 1716.38, SCL MATERIAL STANDARD 5780.44 AND SCL STOCK NOS. 572800, 572902, AND 569518.

(2) ADJUST EXISTING HANDHOLE TO MATCH PROPOSED GRADE UNDER DECK SURFACE. MAINTAIN EXISTING CONDUCTORS AND ELECTRICAL CIRCUT. ROUTE NEW CONDUIT AND CONDUCTORS INTO EXISTING HANDHOLE, AND SPLICE NEW CONDUCTORS INTO EXISTING ELECTRICAL CIRCUIT.

REMOVE

(R1) REMOVE EXISTING LUMINAIRE POLE, FOUNDATION, AND ASSOCIATED WIRING BACK TO ADJACENT HANDHOLE

WIRING SCHEDULE

X RUN NO.	SPAN OR CONDUIT SIZE	GROUND	ILLUMINATION	REMARKS
1	2" SCL SL	1-#6	3/C #12	
2	NOT USED			

N

10 5 0 10 20

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YESLER WAY – ILLUMINATION PLAN

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VAULT SERIAL NO.	DATE	MARK

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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

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ROBERT D. MILLER — STATE OF WASHINGTON — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation

ORDINANCE NO. ordinance PW NO. #
FUND: ####
SCALE: AS SHOWN

PIONEER SQUARE
EAST-WEST STREET

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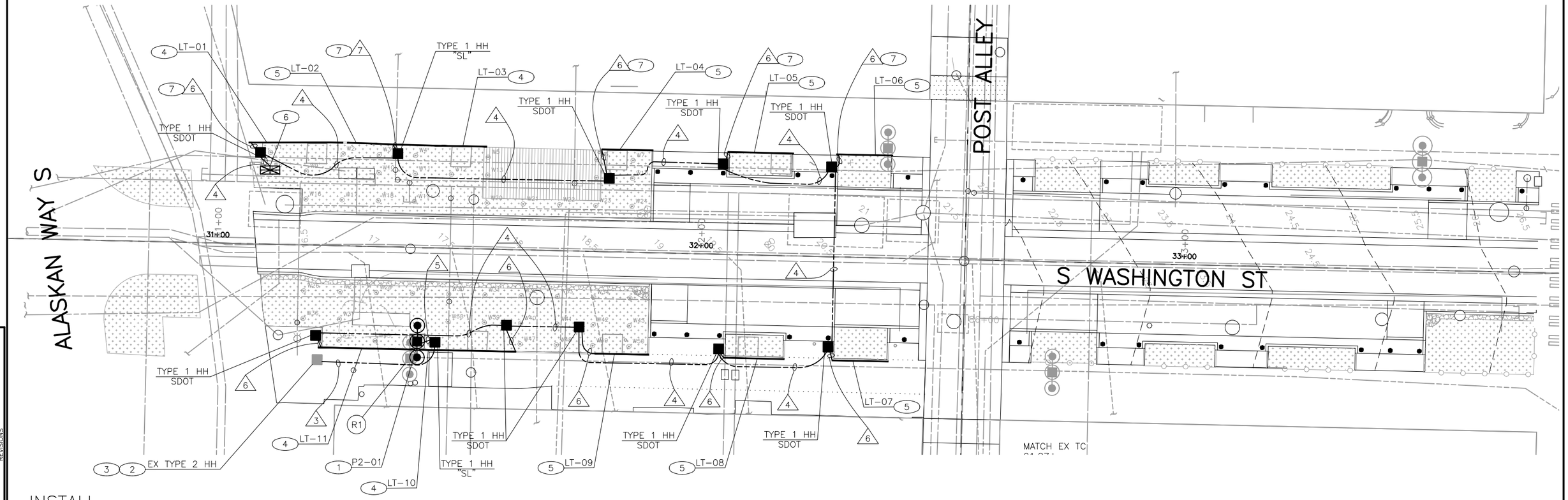
	CO JOB CO
VPI #792-293 V #38413	
LT01	
SHEET 92 OF 198	

H:\(p) Projects\2018\18.31 (MIG) SDOT 18-039 Pioneer Square EW Ped Improvements\CAD\Sheets\TRC449-LT-01.dwg
Jun-03-22 3:07pm

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	STPUL 1602(029)	120



INSTALL

(1) NEW CITY OF SEATTLE STANDARD 3-GLOBE ORNAMENTAL EVLUMA OMNIMAX LED LAMP LUMINAIRE WITH 22" ACRYLIC GLOBE IN ACCORDANCE WITH SCL MATERIAL STANDARD 5724.15. EACH GLOBE LUMINAIRE SHALL BE 70W, 120/277V, 3000K, WITH TYPE V DISTRIBUTION. LUMINAIRE SHALL BE MOUNTED ON AN 18FT FLUTED, GALVANIZED STEEL POLE WITH REINSTALL HISTORIC BASE AND RAILROAD GREEN COLOR IN ACCORDANCE WITH SCL CONSTRUCTION STANDARD 1716.38, SCL MATERIAL STANDARD 5780.44 AND SCL STOCK NOS. 572900, 572902, AND 569518.

(2) SPLICE NEW PEDESTRIAN LIGHTING CONDUCTORS INTO EXISTING 277V LIGHTING CIRCUIT "L2D" INSTALLED AS PART OF THE WATERFRONT SEATTLE PROJECT WITH SERVICE POINT AT THE NW CORNER OF ALASKAN WAY AND S WASHINGTON (SCL ELECTRICAL VAULT 812-H641).

(3) NEW CONDUIT INTO EXISTING HANDHOLE.

(4) 20FT OF LED STRIP LIGHT, 1000 SERIES 1450 PROFILE LUMENTRUSS LIGHTING FIXTURE OR APPROVED EQUAL ON KICKRAIL PER DETAIL 2 ON SHEET UDD04.

(5) 10FT OF LED STRIP LIGHT, 1000 SERIES 1450 PROFILE LUMENTRUSS LIGHTING FIXTURE OR APPROVED EQUAL ON KICKRAIL PER DETAIL 2 ON SHEET UDD04.

(6) SDOT SERVICE CABINET PER SDOT STANDARD PLAN 501A. CONTRACTOR SHALL COORDINATE SERVICE CONNECTION WITH SCL.

(7) PROPOSED CONDUIT SHALL BE INSTALLED IN SOIL. CONDUIT SHALL NOT BE MOUNTED ON OR INTERFERE WITH EXISTING AREAWAYS. SEE DETAIL 2 ON SHEET UDD04 FOR CONDUIT ROUTING AND CONNECTION DETAIL.

REMOVE

(R1) EXISTING LUMINAIRE POLE, FOUNDATION, AND ASSOCIATED WIRING.

WIRING SCHEDULE

X RUN NO.	SPAN OR CONDUIT SIZE	GROUND	ILLUMINATION	REMARKS
3	2" SCL PVC	1-#6	2-#6	
4	2" SDOT PVC	1-#6	2-#6	
5	2" SCL SL	1-#6	3/C #12	
6	0.5" RGS		KICKRAIL LIGHTING CONDUCTORS PER MANUFACTURERS RECOMMENDATION	
7	0.5" RGS		KICKRAIL LIGHTING CONDUCTORS PER MANUFACTURERS RECOMMENDATION	
	0.5" RGS		KICKRAIL LIGHTING CONDUCTORS PER MANUFACTURERS RECOMMENDATION	

N

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S WASHINGTON ST – ILLUMINATION PLAN

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VAULT SERIAL NO.	DATE	MARK		

VS #

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SDCI ########. SDOT ########
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REVIEWED BY SPU/DRAINAGE ..... 20....
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING ..... 20....

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ROBERT D. MILLER STATE OF WASHINGTON 22331 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. ordinance PW NO. #
FUND: ####
SCALE: AS SHOWN

PIONEER SQUARE
EAST-WEST STREET

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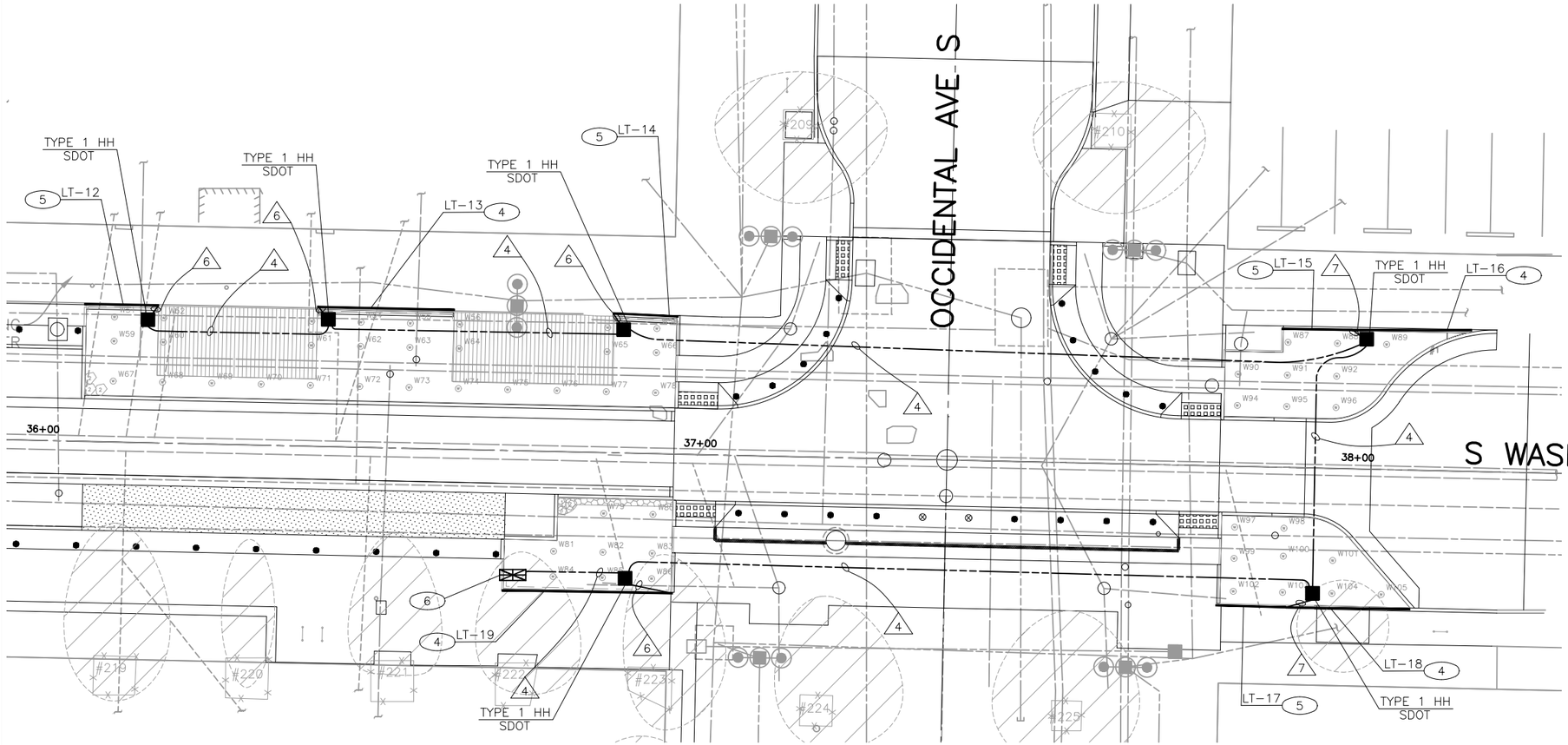
CO JOB CO
VPI #792-293 V #38413
LT02
SHEET 93 OF 198

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	STPUL 1602(029)	120



INSTALL

(1) NEW CITY OF SEATTLE STANDARD 3-GLOBE ORNAMENTAL EVLUMA OMNIMAX LED LAMP LUMINAIRE WITH 22" ACRYLIC GLOBE IN ACCORDANCE WITH SCL MATERIAL STANDARD 5724.15. EACH GLOBE LUMINAIRE SHALL BE 70W, 120/277V, 3000K, WITH TYPE V DISTRIBUTION. LUMINAIRE SHALL BE MOUNTED ON AN 18FT FLUTED, GALVANIZED STEEL POLE WITH REINSTALL HISTORIC BASE AND RAILROAD GREEN COLOR IN ACCORDANCE WITH SCL CONSTRUCTION STANDARD 1716.38, SCL MATERIAL STANDARD 5780.44 AND SCL STOCK NOS. 572900, 572902, AND 569518.

(4) 20FT OF LED STRIP LIGHT, 1000 SERIES 1450 PROFILE LUMENTRUSS LIGHTING FIXTURE OR APPROVED EQUAL ON KICKRAIL PER DETAIL 2 ON SHEET UDD04.

(5) 10FT OF LED STRIP LIGHT, 1000 SERIES 1450 PROFILE LUMENTRUSS LIGHTING FIXTURE OR APPROVED EQUAL ON KICKRAIL PER DETAIL 2 ON SHEET UDD04.

(6) SDOT SERVICE CABINET PER SDOT STANDARD PLAN 501A. CONTRACTOR SHALL COORDINATE SERVICE CONNECTION WITH SCL.

WIRING SCHEDULE

(X) RUN NO.	SPAN OR CONDUIT SIZE	GROUND	ILLUMINATION	REMARKS
4	2" SDOT PVC	1-#6	2-#6	
6	0.5" RGS		KICKRAIL LIGHTING CONDUCTORS PER MANUFACTURERS RECOMMENDATION	
7	0.5" RGS		KICKRAIL LIGHTING CONDUCTORS PER MANUFACTURERS RECOMMENDATION	
	0.5" RGS		KICKRAIL LIGHTING CONDUCTORS PER MANUFACTURERS RECOMMENDATION	

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10 5 0 10 20

SCALE IN FEET

S WASHINGTON ST – ILLUMINATION PLAN

MARK	DATE	MAULT SERIAL NO.	NATURE REVISIONS	MADE	CHK'D	REV'D

VS #

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EAST-WEST STREET

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CO JOB CO
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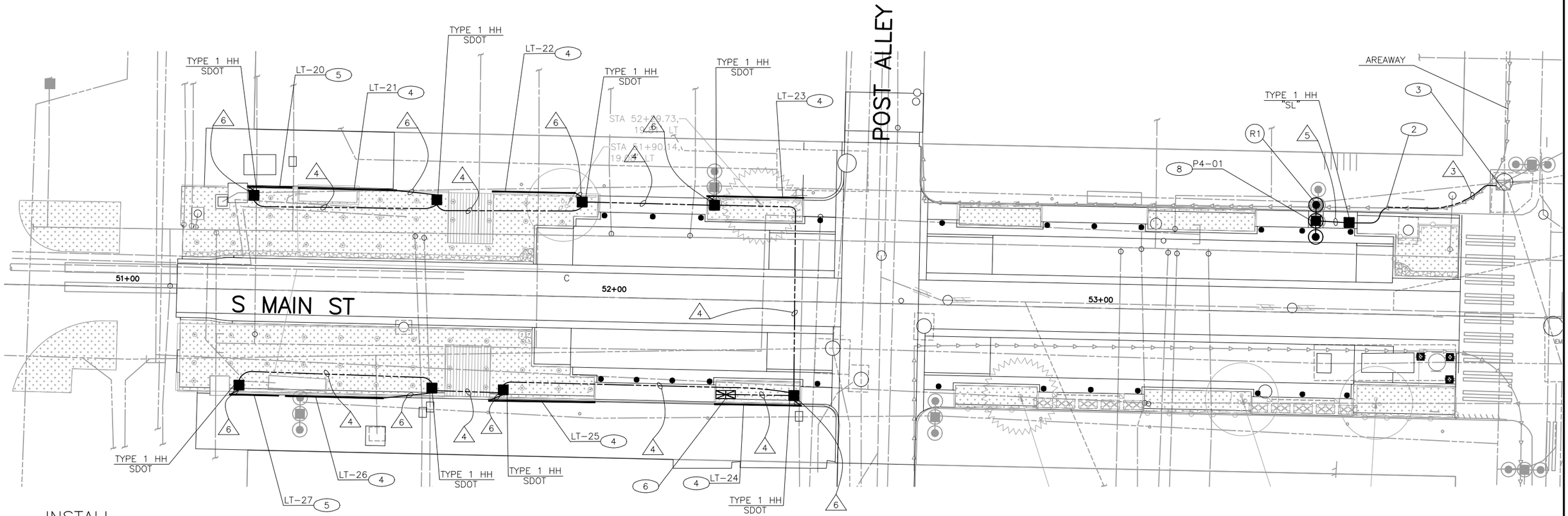
LT03
SHEET 94 OF 198

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	STPUL 1602(029)	120



INSTALL

(2) ROUTE CONDUIT THROUGH EXISTING AREA WAY WALL USING APPROVED METHOD. CONTRACTOR SHALL COORDINATE DRILLING WITH SDOT AREA WAY STRUCTURES ENGINEER. EXISTING AREA WAY IN THIS AREA IS FILLED.

(3) NEW CONDUIT INTO EXISTING SCL SERVICE VAULT M1. SPLICE PROPOSED LIGHTING CONDUCTORS INTO EXISTING LIGHTING CIRCUIT FOR S MAIN ST PEDESTRIAN LIGHTING.

(4) 20FT OF LED STRIP LIGHT, 1000 SERIES 1450 PROFILE LUMENTRUSS LIGHTING FIXTURE OR APPROVED EQUAL ON KICKRAIL PER DETAIL 2 ON SHEET UDD04.

(5) 10FT OF LED STRIP LIGHT, 1000 SERIES 1450 PROFILE LUMENTRUSS LIGHTING FIXTURE ON OR APPROVED KICKRAIL PER DETAIL 2 ON SHEET UDD04.

(6) SDOT SERVICE CABINET PER SDOT STANDARD PLAN 501A. CONTRACTOR SHALL COORDINATE SERVICE CONNECTION WITH SCL.

(8) NEW CITY OF SEATTLE STANDARD 3-GLOBE ORNAMENTAL EVLUMA OMNIMAX LED LAMP LUMINAIRE WITH 22" ACRYLIC GLOBE IN ACCORDANCE WITH SCL MATERIAL STANDARD 5724.15. EACH GLOBE LUMINAIRE SHALL BE 70W, 120/277V, 3000K, WITH TYPE V DISTRIBUTION. LUMINAIRE SHALL BE MOUNTED ON AN 18FT FLUTED, GALVANIZED STEEL POLE WITH REINSTALL HISTORIC BASE AND RAILROAD GREEN COLOR IN ACCORDANCE WITH SCL CONSTRUCTION STANDARD 1716.38, SCL MATERIAL STANDARD 5780.44 AND SCL STOCK NOS. 572900, 572902, AND 569518. SEE CD SHEETS FOR REMOVAL OF DEACTIVATED GAS LINE PRIOR TO FOUNDATION EXCAVATION.

REMOVE

(R1) EXISTING LUMINAIRE POLE. FOUNDATION SHALL BE REMOVED TO BELOW FINAL GRADE AND COVERED WITH TYPE 1 HANDHOLE. EXISTING LIGHTING CONDUCTORS SHALL BE SPLICED IN HANDHOLE TO MAINTAIN LIGHTS ON CIRCUIT TO THE WEST. SEE EXISTING PED LIGHT FOUNDATION DEMOLITION DETAIL 1 ON SHEET PGD08 FOR ADDITIONAL DETAILS.

WIRING SCHEDULE

△X RUN NO.	SPAN OR CONDUIT SIZE	GROUND	ILLUMINATION	REMARKS
3	2" SCL SL	1-#6	2-#6	
4	2" SDOT SL	1-#6	2-#6	
5	2" SCL SL	1-#6	3/C #12	
6	0.5" RGS		KICKRAIL LIGHTING CONDUCTORS PER MANUFACTURERS RECOMMENDATION	

N

10 5 0 10 20

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ROBERT D. MCGEE STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation

ORDINANCE NO. ordinance PW NO. #
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PIONEER SQUARE
EAST-WEST STREET

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SHEET 95 OF 198

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Jun-03-22 3:06pm

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	STPUL 1602(029)	120

POLE AND FIXTURE SCHEDULE

POLE NO.	POWER SOURCE	CIRCUIT	LOCATION			POLE TYPE	POLE LENGTH (FT)	FOUNDATION TYPE	LUMINARE TYPE	LUMINAIRE MOUNT HEIGHT (FT)	CITY LIGHT POLE NO.	NOTES
			STATION	OFFSET	LT/RT							
P1-01	MANHOLE 11-M-5 ON THE SE CORNER OF YESLER WAY AND ALASKAN WAY S	EX	12+57	22.0	RT	FLUTED, GALVANIZED STEEL POLE WITH CHEIF SEATTLE CAST BRONZE BASE AND RAILROAD GREEN COLOR IN ACCORDANCE WITH SCL CONSTRUCTION STANDARD 1716.38	18	SCL STD 1716.38	70W, 120/277V, 3000K, TYPE V DISTRIBUTION FOR EACH GLOBE LUMINAIRE, THREE TOTAL	20.0' +/-		SEE NOTE 1
P2-01	SCL ELECTRICAL VAULT 812-H641 ON THE NW CORNER OF ALASKAN WAY S AND S WASHINGTON ST	L2D	32+42	20	RT	FLUTED, GALVANIZED STEEL POLE WITH CHEIF SEATTLE CAST BRONZE BASE AND RAILROAD GREEN COLOR IN ACCORDANCE WITH SCL CONSTRUCTION STANDARD 1716.38	18	SCL STD 1716.38	70W, 120/277V, 3000K, TYPE V DISTRIBUTION FOR EACH GLOBE LUMINAIRE, THREE TOTAL	20.0' +/-		SEE NOTE 1
P4-01	SCL ELECTRICAL VAULT 812-H641 ON THE NW CORNER OF ALASKAN WAY S AND S WASHINGTON ST	L2D	53+43.8	18.9	LT	FLUTED, GALVANIZED STEEL POLE WITH CHEIF SEATTLE CAST BRONZE BASE AND RAILROAD GREEN COLOR IN ACCORDANCE WITH SCL CONSTRUCTION STANDARD 1716.38	18	SCL STD 1716.38	70W, 120/277V, 3000K, TYPE V DISTRIBUTION FOR EACH GLOBE LUMINAIRE, THREE TOTAL	20.0' +/-		SEE NOTE 1

LINEAR LIGHTING SCHEDULE

LIGHT NO.	POWER SOURCE	LENGTH (FT)	CIRCUIT	LUMINARE TYPE	NOTES
LT-01	NEW SERVICE CABINET	20	KRL1	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-02	NEW SERVICE CABINET	10	KRL1	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-03	NEW SERVICE CABINET	20	KRL1	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-04	NEW SERVICE CABINET	10	KRL1	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-05	NEW SERVICE CABINET	10	KRL1	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-06	NEW SERVICE CABINET	10	KRL1	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-07	NEW SERVICE CABINET	10	KRL1	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-08	NEW SERVICE CABINET	10	KRL1	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-09	NEW SERVICE CABINET	10	KRL1	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-10	NEW SERVICE CABINET	20	KRL1	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-11	NEW SERVICE CABINET	20	KRL1	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-12	NEW SERVICE CABINET	10	KRL2	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-13	NEW SERVICE CABINET	20	KRL2	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-14	NEW SERVICE CABINET	10	KRL2	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-15	NEW SERVICE CABINET	10	KRL2	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-16	NEW SERVICE CABINET	20	KRL2	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-17	NEW SERVICE CABINET	10	KRL2	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-18	NEW SERVICE CABINET	20	KRL2	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-19	NEW SERVICE CABINET	20	KRL2	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-20	NEW SERVICE CABINET	10	KRL3	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-21	NEW SERVICE CABINET	20	KRL3	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-22	NEW SERVICE CABINET	20	KRL3	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-23	NEW SERVICE CABINET	20	KRL3	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-24	NEW SERVICE CABINET	20	KRL3	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-25	NEW SERVICE CABINET	20	KRL3	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-26	NEW SERVICE CABINET	20	KRL3	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04
LT-27	NEW SERVICE CABINET	10	KRL3	LUMENTRUSS LINEAR LIGHTING FIXTURE	SEE DETAIL ON UDD04

REVD	CHK'D	MADE	MARK	DATE	NO.	NATURE REVISIONS
						VAULT SERIAL

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EAST-WEST STREET

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LT05

SHEET 96 OF 198

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	STPUL 1602(029)	120

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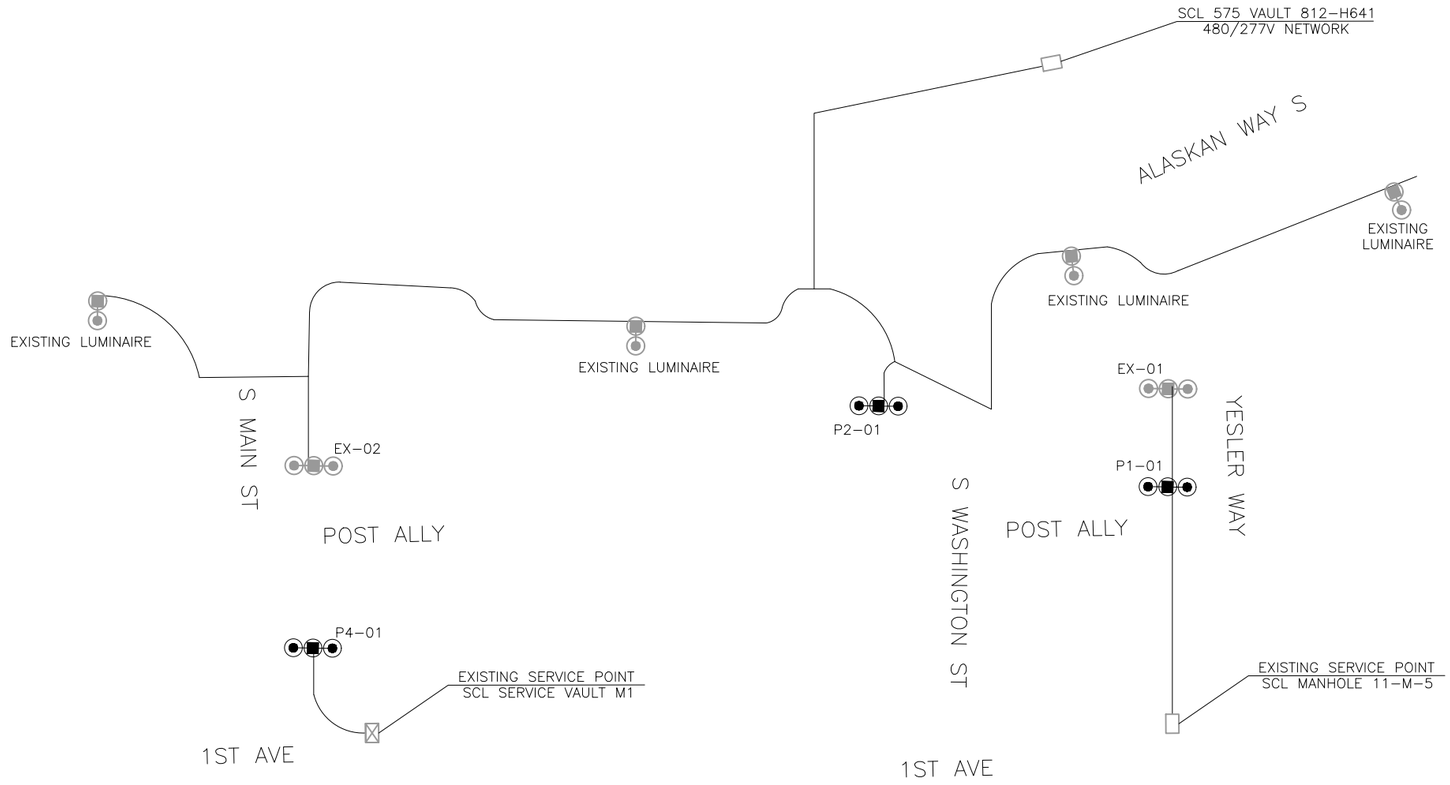

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			MADE CHK'D REV'D

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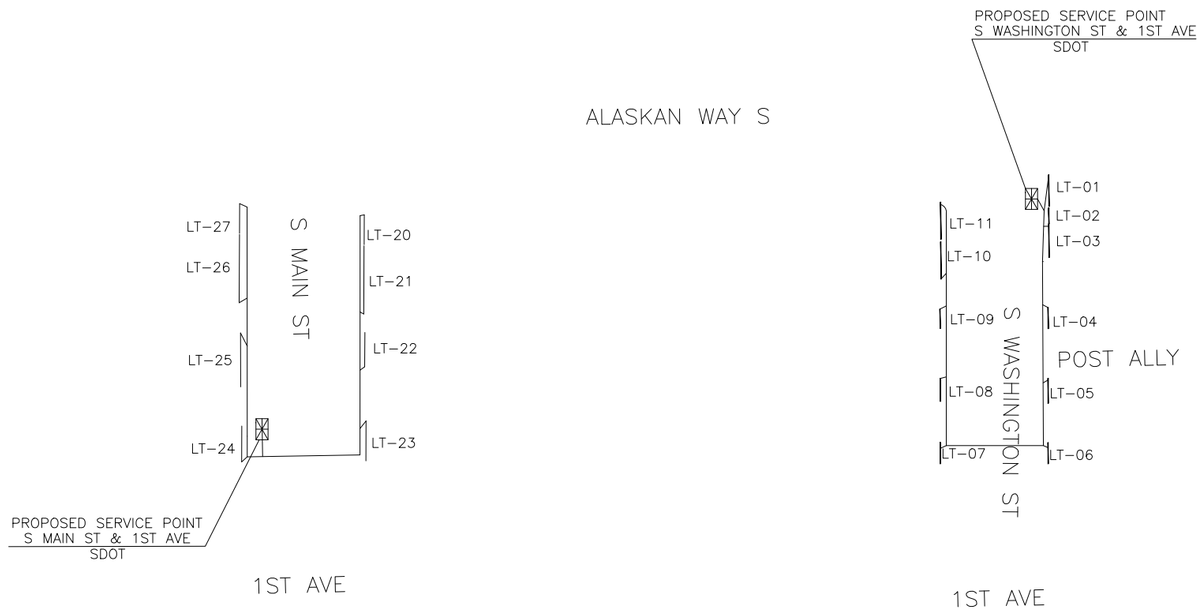
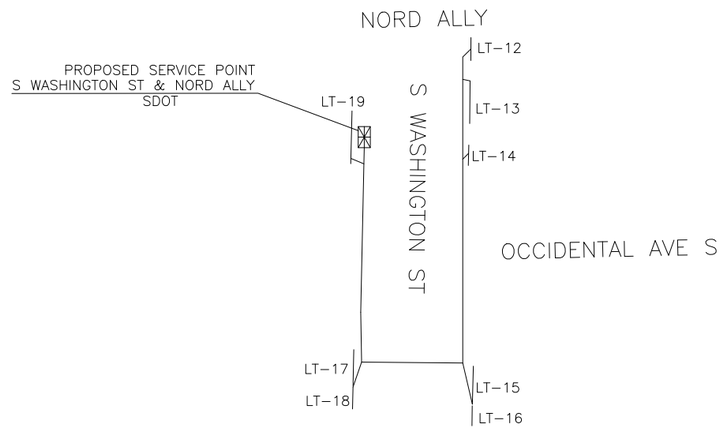
REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA	STPUL 1602(029)	120

WIRING SCHEMATIC (SDOT KICKRAIL LIGHTING)





SERVICE PANELS

LOCATION: S WASHINGTON ST & 1ST AVE					120/240V 1 PHASE 3 WIRE 22K AIC				
POWER SOURCE:					60 AMP MAIN PRAKER				
NO.	AMP.	LIGHTS	KVA	CIRCUIT DESCRIPTION	NO.	AMP.	LIGHTS	KVA	CIRCUIT DESCRIPTION
1	20	11	2	KRL1	2				
3					4				
5					6				
7					8				
CONTINUOUS LOAD:								2	
TOTAL LOAD:								2	

LOCATION: S WASHINGTON ST & NORD ALLY					120/240V 1 PHASE 3 WIRE 22K AIC				
POWER SOURCE:					60 AMP MAIN PRAKER				
NO.	AMP.	LIGHTS	KVA	CIRCUIT DESCRIPTION	NO.	AMP.	LIGHTS	KVA	CIRCUIT DESCRIPTION
1	20	8	2	KRL2	2				
3					4				
5					6				
7					8				
CONTINUOUS LOAD:								2	
TOTAL LOAD:								2	

LOCATION: S MAIN ST & 1ST AVE					120/240V 1 PHASE 3 WIRE 22K AIC				
POWER SOURCE:					60 AMP MAIN PRAKER				
NO.	AMP.	LIGHTS	KVA	CIRCUIT DESCRIPTION	NO.	AMP.	LIGHTS	KVA	CIRCUIT DESCRIPTION
1	20	8	2	KRL3	2				
3					4				
5					6				
7					8				
CONTINUOUS LOAD:								2	
TOTAL LOAD:								2	

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ROBERT D. ALTMAN STATE OF WASHINGTON 21801 REGISTERED PROFESSIONAL ENGINEER

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SCALE: NTS

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PROJECT CIVIL UTILITY SHEETS GENERAL NOTES

1. VERIFY LOCATION AND DEPTHS OF EXISTING UTILITIES (PIPES AND STRUCTURES) PRIOR TO PLACEMENT OF CB, INLETS, CB CONNECTION PIPES, AND INLET CONNECTION PIPES. NOTIFY ENGINEER IMMEDIATELY IF DISCREPANCIES ARE OBSERVED OR IF ACTUAL DEPTHS DO NOT ALLOW PLACEMENT OF THE CATCH BASIN, INLET, AND CONNECTION PIPES AS SHOWN PRIOR TO ORDERING STRUCTURES.

2. TELEVISION INSPECTION OF CATCH BASIN CONNECTIONS MUST BE PER SPECIFICATION 7-17.3(3)G.

3. WHERE NEW STORM/ SEWER/ CB/ INLET CONNECTION PIPE CLEARS AN EXISTING OR NEW STORM/ SEWER/CB/INLET CONNECTION PIPE BY 6" OR LESS, POLYETHYLENE PLASTIC FOAM MUST BE PLACED AS A CUSHION BETWEEN PER SPECIFICATIONS 1-07.17(2).

4. SPU APPROVAL IS REQUIRED FOR ALL PROPOSED NEW CATCH BASINS, CATCH BASIN CONNECTIONS, INLET CONNECTIONS, AND STORM MAIN AND COMBINED SEWER CONNECTIONS PRIOR TO FINAL SURFACE RESTORATION. CONTACT THE ENGINEER, TWO BUSINESS DAYS IN ADVANCE.

5. SEATTLE CITY LIGHT (SCL) MUST OBSERVE EXCAVATION ACTIVITIES AND REVIEW CATCH BASIN AND OTHER MISCELLANEOUS STORM DRAINAGE STRUCTURE LOCATIONS WITHIN 5 FEET OF ELECTRICAL DUCTS, DUCT BANKS, HANDHOLES, OR VAULTS. ENGINEER MAY REQUIRE ETHAFOAM INSTALLATION BETWEEN DUCT BANK AND PROPOSED FEATURE. CONTRACTOR MUST POTHOLE AND EXPOSE ELECTRICAL DUCT BANK, HANDHOLE, OR VAULT IF WITHIN 5 FEET OF PLANNED FEATURE.

6. SEATTLE PUBLIC UTILITIES MAY HAVE ADJUSTED THE FOLLOWING UTILITIES:
   77 S WASHINGTON ST – 6" DC, CAST IRON (1971)
   68-80 S WASHINGTON ST – 6" DC, "GALV IRON" (1909)
   68 S WASHINGTON ST – 1.5" DOM, "GALV IRON" (1929)
   81-89 S WASHINGTON ST – 6" DC, UNKNOWN MATERIAL (1976)
   119-121 S WASHINGTON ST – PER GIS, 8" UNKNOWN MATERIAL (1974), PER TAP CARD, 2" GALV IRON (1975)
   117 S MAIN ST – 2" DOM, "GALV IRON" (1977)
   117 S MAIN ST – 4" DC, "GALV IRON" (1977)
   NOTE THAT REVISIONS TO THESE UTILITIES IS NOT REFLECTED IN THE BASEMAP. CONTACT ROSS HATHAWAY (SPU) FOR ADDITIONAL INFORMATION.

7. WHERE MAINTENANCE HOLES OR CATCH BASINS REQUIRE A NEW OR REPLACED CASTING PER STD PLAN 230, FRAME CASTING IN ROADWAYS MUST BE 10-INCH MINIMUM DEPTH.

8. TREE PROTECTION MEASURES MUST BE MAINTAINED AND UPGRADED FOR DIFFERENT PHASES OF WORK AS NOTED IN TVSPP, SPECIFICATIONS AND DRAWING CDN02. SEE DRAWING CDN02 AND SPECIFICATIONS.

DRAINAGE CATCH BASINS AND INLETS NOTES (CITY OF SEATTLE)

FOR DRAINAGE CATCH BASINS AND INLETS NOTES UNLESS OTHERWISE NOTED.

1. CATCH BASIN CONNECTIONS AND INLET CONNECTIONS MUST BE 8" DIAMETER. PIPE MUST BE CEMENT MORTAR LINED DUCTILE IRON CLASS 50 (MIN) PER SPECIFICATION 9-05.3. FITTINGS MUST BE CEMENT MORTAR LINED DUCTILE IRON. JOINTS MUST BE RUBBER GASKET, PUSH-ON, OR MECHANICAL.

2. BEDDING MUST BE CLASS B FOR DI PIPE AND PER STD PLAN 285.

3. CATCH BASIN CONNECTIONS MUST BE PLACED AT A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 100% PER STANDARD PLAN NO. 261 AND SPECIFICATION 7-08.3(4).

4. INLET CONNECTIONS MUST BE PLACED AT A MINIMUM SLOPE OF 5% AND A MAXIMUM SLOPE OF 50% PER SPECIFICATION 7-08.3(5).

5. CATCH BASINS AND INLETS MUST BE LOCATED PER STANDARD PLAN NO. 260A AND 260B.

6. TELEVISION INSPECTION OF CATCH BASIN CONNECTIONS MUST BE PER SPECIFICATION 7-17.3(3)G.

7. CONTRACTORS ARE NOT ALLOWED TO CORE INTO EXISTING MAINS OR STRUCTURES WITHOUT PRIOR APPROVAL AND OBSERVATION BY SPU. SEE SPECIFICATIONS 7-17.3(2)C3 AND THE SPU CORE TAP PROCEDURE FOR STORM AND SEWER MAINS.

8. LENGTH OF PIPE IS TO CENTER OF MH, CB, INLET. STATIONING FOR CB AND INLETS AT CURBS ARE TO FACE OF CURB. ALIGN STRUCTURES SO GRATES ARE ALIGNED WITH THE FACE OF CURB PER STD PLANS.

9. STATIONING FOR INLETS WHERE THERE IS NO CURB AT THE CENTER OF THE STRUCTURE. STATIONING FOR CB'S IN THE COBBLE PAVER AT ROAD EDGE WITH NO CURB (SEE PG DRAWINGS AND DETAIL 5 ON PGD01) ARE AT THE CENTER OF FLOW LINE. ALIGN CB SO CB GRATES ARE ALIGNED WITH THE FLOW LINE IN THE COBBLE PAVER AT ROAD EDGE.

GENERAL UTILITY NOTES

1. CALLOUTS TO ADJUST ELEVATIONS OF UTILITY ACCESS COVERS FOR EXISTING VAULT CASTING, MAINTENANCE HOLE, CATCH BASIN, AND VALVE CHAMBERS ARE BASED ON AVAILABLE SURVEY BASEMAPS AND PRE-BID UTILITY DESIGN PLANS. ACTUAL LOCATIONS MAY VARY AND ARE INTENDED TO GIVE THE APPROXIMATE LOCATIONS AND QUANTITIES OF THE ADJUSTMENTS. CONTRACTOR MUST FIELD VERIFY LOCATIONS AND REVIEW THE EXISTING UTILITY STRUCTURE FOR THE TYPE OF ADJUSTMENT REQUIRED IN ACCORDANCE WITH UTILITY PURVEYOR REQUIREMENTS.

2. UTILITY TRENCHING AND BACKFILL PER COS STANDARD PLANS 284 AND 285

CONSTRUCTION NOTES FOR CIVIL UTILITY SHEETS

1 NOT USED

2 CUT-IN TEE. TEES SHALL BE OFFSET FROM ONE ANOTHER 3-FT MINIMUM. SEE SECTION 7-17.3.

3 REPLACE EXISTING VALVE BOX WITH COS STANDARD PLAN 315A

4 REPLACE CB GRATE 265 WITH SOLID LID

5 ADJUST EX VALVE BOX, SEE SECTION 7-20.3

6 ADJUST EX HANDHOLE

7 ADJUST EX ELECTRICAL VAULT

8 REBUILD MH AND REPLACE MH COVER WITH STD PLAN 230, LABELED "DRAIN"

9 INSTALL PIPE, CB CONN, DI, CL 50, 8"

10 INSTALL PIPE, INLET CONN, DI, CL 52, 6"

11 INSTALL PIPE, INLET CONN, DI, CL 50, 8"

12 INSTALL UTILITY CASTING, TYPE 361c

13 REBUILD BRICK MH PER STD PLAN 220

14 INSTALL UTILITY CASTING, TYPE 361d

15 ADJUST MW MH COVER AND FRAME TO FINISH GRADE

16 REPLACE EXISTING WM BOX WITH OLYMPIC FOUNDRY SM29 PER COS STANDARDS

17 ASSIST SPU WATER OPERATIONS WITH HYDRANT. RESET HYDRANT BY SPU WITH CONTRACTOR SUPPORT. CONTRACTOR SUPPORT TO INCLUDE ALL NECESSARY EXCAVATIONS, PROTECTIVE MEASURES, BACKFILL, SURVEY CONTROL, AND TRAFFIC CONTROL FOR SPU TO RESET HYD. CONTRACTOR TO INSTALL CONCRETE SHEAR BLOCK.

18 INSTALL PIPE, SS, DI CL 50 6"

19 PROTECT EXISTING UTILITY (TYPE VARIES, SEE SURVEY). PRIOR TO START OF STORM DRAIN AND CB/INLET INSTALLATION, CONTRACTOR TO POTHOLE UTILITY TO VERIFY NO CONFLICT BETWEEN UTILITY AND STORM DRAIN, CB/INLET CONNECTION PIPE.

20 PROVIDE WATER MAIN SUPPORT AT UTILITY CROSSING.

21 REBUILD MH AND REPLACE MH COVER AND CASTING WITH STD PLAN 230, LABELED "SEWER".

22 ADJUST EXISTING MH, CB, OR VC, SEE SECTION 7-20.3

23 REBUILD CB, REPLACE TOP SLAB AND COVER TO 240A. LABELED "DRAIN"

24 INSTALL METAL CURB PLATE OVER EXISTING UTILITY ACCESS OPENING (TYPE VARIES) PER DETAIL 9/PGD08

25 CORE AND CONNECT PIPE TO EX WATER QUALITY CB VAULT

26 AFTER INSTALLATION OF 14FT EAST OF ALLEY, CCTV THE UPSTREAM PIPE TO LOCATE THE FURTHEST EASTERN SIDE SEWER.

27 INSTALL PIPE, INLET CONN, DI, CL 52, 8"

28 REPLACE EXISTING SCL VAULT ROUND COVER WITH SCL STANDARD 42-INCH ROUND, IRON COVER.

29 CONNECT TO CATCH BASIN

30 ADJUST EXISTING INLET

31 ADJUST EXISTING MONUMENT FRAME AND COVER.

32 ADJUST EXISTING STEAM MH COVER AND FRAME TO FINISH GRADE.

CONSTRUCTION NOTES FOR CIVIL UTILITY SHEETS

33 INSTALL PIPE, PS, CONC, C14 CL3, 10". SLOPE TO MATCH EX PS BEING REPLACED.

34 NOT USED

35 INSTALL NEW 1" WATER SERVICE WITH 3/4" IRRIGATION METER.

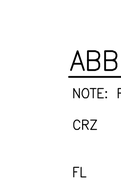
36 EXTEND PIPE, SD, PVC 3"

37 REMOVE EXISTING SQUARE GRATE AND REPLACE WITH BEEHIVE GRATE

LEGEND FOR CIVIL UTILITY SHEETS

(SEE COS STANDARD PLAN 003 FOR CITY STANDARDS SYMBOLS INDICATING EXISTING AND PROPOSED INFRASTRUCTURE)

METAL CURB PLATE OVER EXISTING UTILITY ACCESS OPENING (9/PGD08)



ABBREVIATIONS LEGEND FOR CIVIL UTILITY SHEETS

NOTE: FOR ADDITIONAL ABBREVIATIONS SEE COS STD PLANS (002 SERIES)

CRZ	CRITICAL ROOT ZONE OF TREE AS DETERMINED BY ARBORIST WHICH MAY FROM ZONE B DEFINED IN STD PLAN 133
FL	FLOW LINE AT FACE OF CURB, GUTTER, OR IN CENTER OF INVERTED RUNNEL AT ROADWAY EDGE
UNO	UNLESS NOTED OTHERWISE

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GENERAL UTILITY PLAN LEGEND AND CONSTRUCTION NOTES

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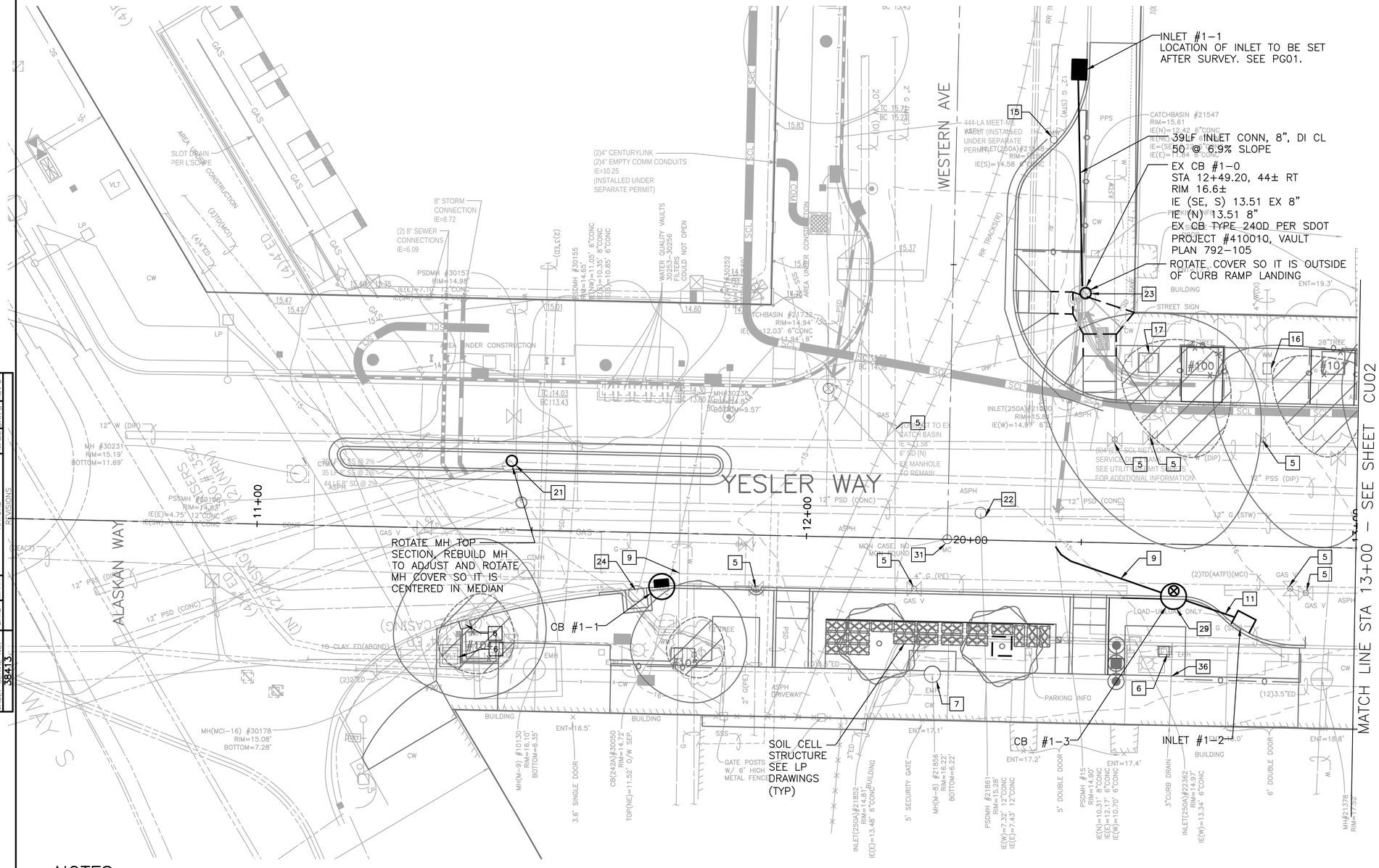

NOTES

1. SEE CUN01 LEGEND AND CONSTRUCTION NOTES.
2. SEE DRAWINGS CU21–CU23 FOR PROFILES.

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YESLER WAY – CIVIL UTILITY PLAN

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LAUREL JEAN KUNKLER — STATE OF WASHINGTON — 43670 — REGISTERED PROFESSIONAL ENGINEER

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PIONEER SQUARE EAST–WEST STREETS

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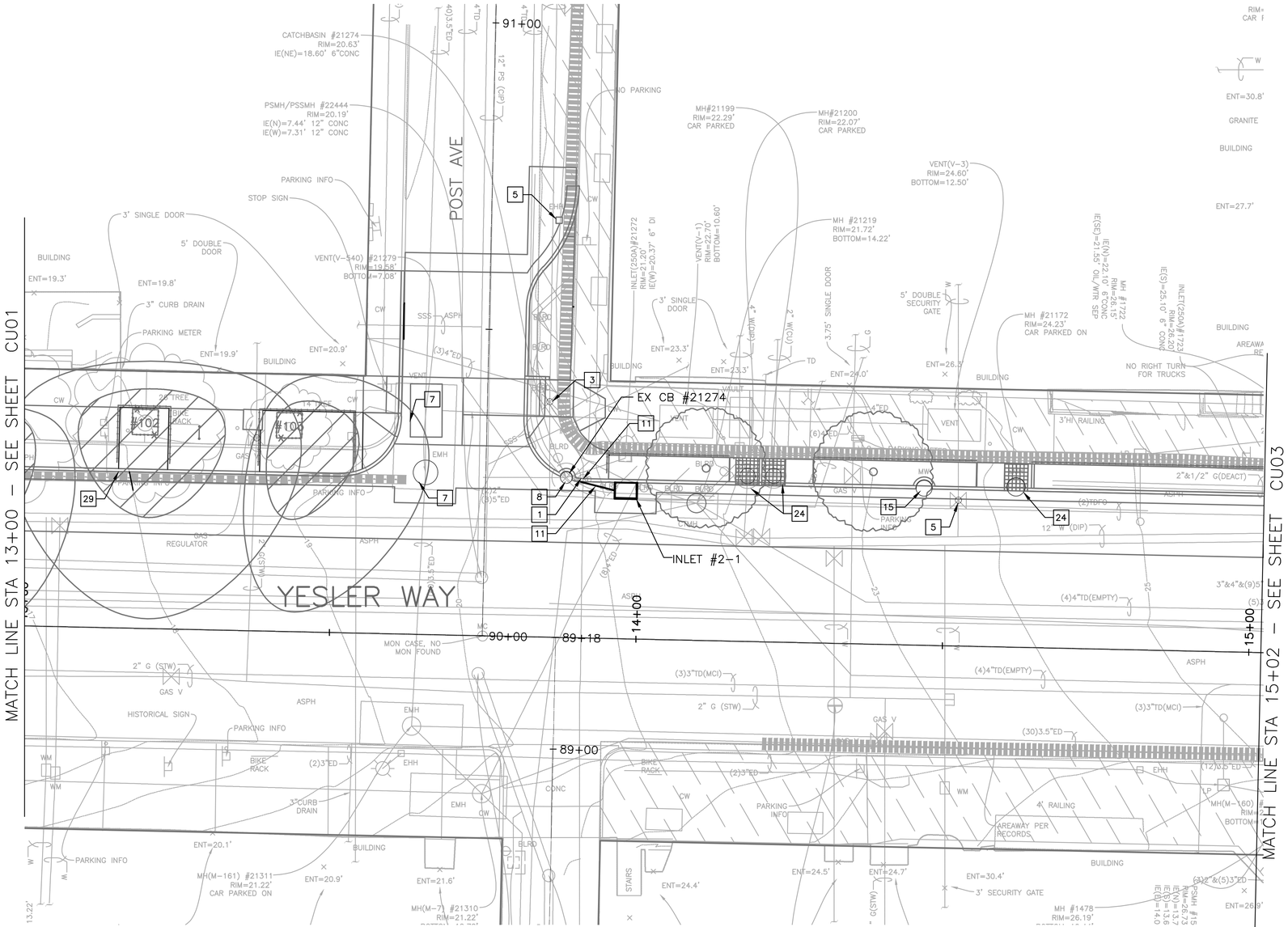
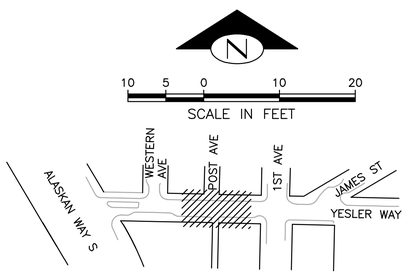


NOTES

1. SEE CUN01 LEGEND AND CONSTRUCTION NOTES.
2. SEE DRAWINGS CU21–CU23 FOR PROFILES.



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LAUREL JEAN KUNKLER
STATE OF WASHINGTON
43870
REGISTERED
PROFESSIONAL ENGINEER

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JOB CO	JOB CO
VPI #	792–293
	CU02
SHEET	101 OF 198

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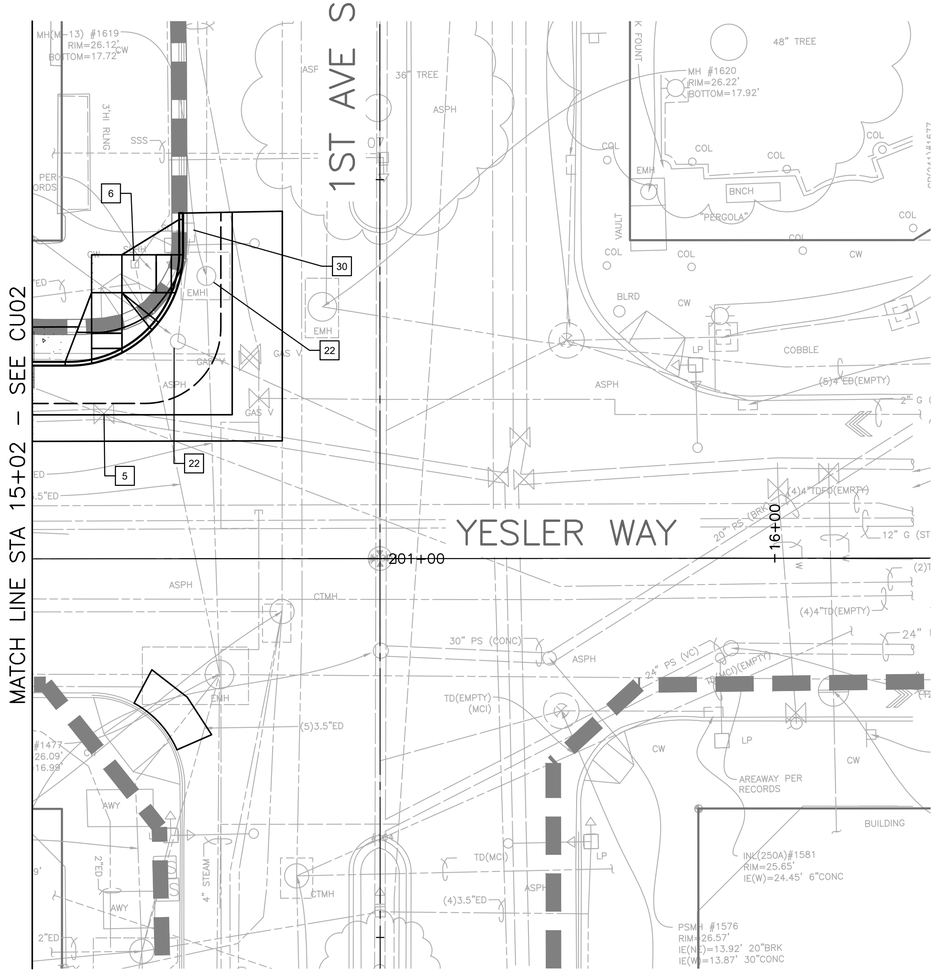
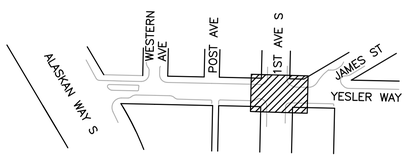
Jun-09-22 2:40pm





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3 Working Days
BEFORE YOU DIG

1ST AVE S / YESLER WAY – CIVIL UTILITY PLAN

FINAL CIRCULATION (100%)

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38413						

\\perteet.com\Files\Clients\Seattle, City of\Projects\20180111 – Pioneer Square E – W Ped Improvements\CADD\Plan Sheets\PSEWS_CU_YESLER_CU.dwg
Jun-06-22 9:43am

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INITIALS AND DATE		
DESIGNED	JMD	6/3/2022
CHECKED	AES/JESL/RL	6/3/2022
DRAWN	JR	6/3/2022
CHECKED	JMD	6/3/2022

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

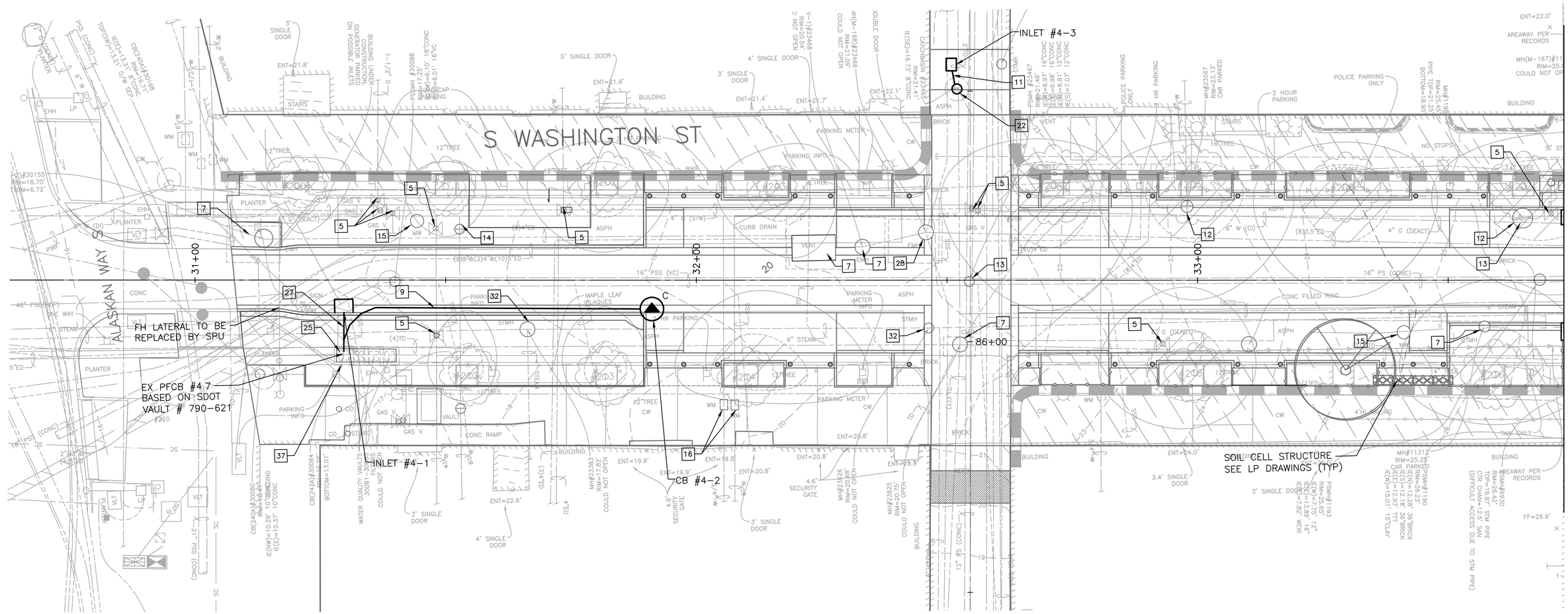
INITIALS AND DATE	
REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
REVISED AS BUILT	

JANESSA MARIE DRAYTON — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021-061**
SCALE: H. 1"=10'

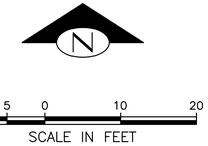
PIONEER SQUARE EAST–WEST STREETS

JOB	PC	TRC0449-S0100
	CO	
VPI #		792-293
		CU03
SHEET		102 OF 198



NOTES

1. SEE CUN01 LEGEND AND CONSTRUCTION NOTES.
2. SEE DRAWINGS CU21–CU23 FOR PROFILES.



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INITIALS AND DATE	INITIALS AND DATE
DESIGNED LK 6/3/2022	REVIEWED: DES. CONST. SDOT PROJ. MGR.
CHECKED DR 6/3/2022	
DRAWN JA, JZ 6/3/2022	RECEIVED
CHECKED DR 6/3/2022	REVISED AS BUILT

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

LAUREL JEAN KUNKLER — STATE OF WASHINGTON — 43873 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CU04
SHEET 103 OF 198

MARK	NATURE	DATE	MADE CHK'D	REV'D

REVISIONS

VAULT SERIAL NO. 38413

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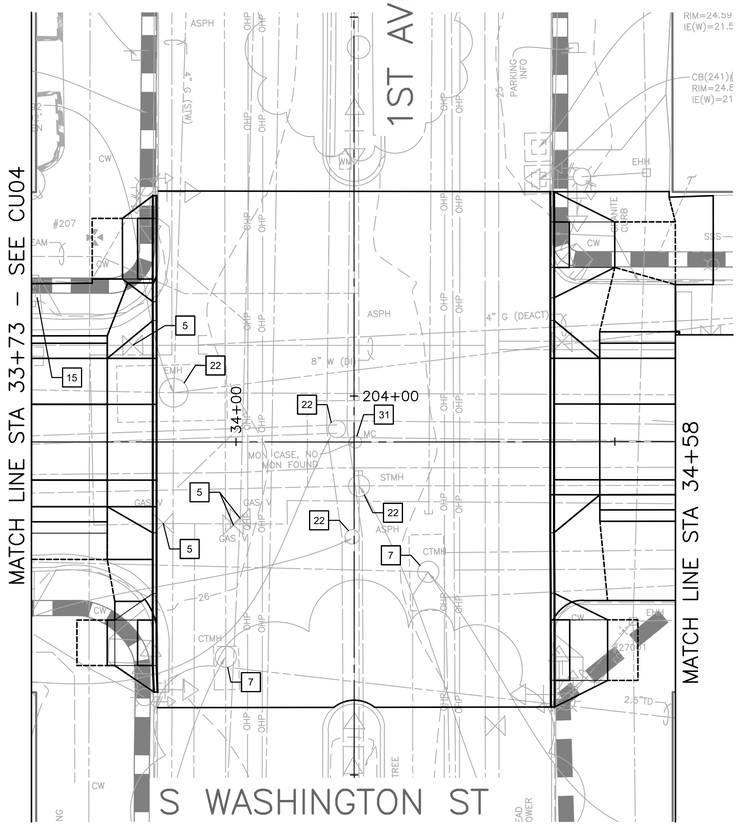
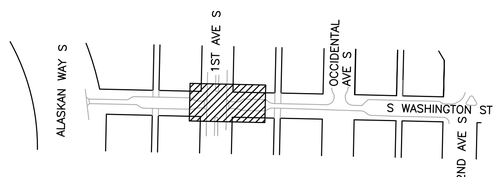
Jun-09-22 2:41pm





N

10 5 0 10 20

SCALE IN FEET

1ST AVE S / S WASHINGTON ST – CIVIL UTILITY PLAN

PLEASE CALL 811
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FINAL CIRCULATION (100%)

MARK	DATE	NATURE OF REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 38413

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Jun-06-22 9:44am

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INITIALS AND DATE			INITIALS AND DATE	
DESIGNED	JMD	6/3/2022	REVIEWED:	
CHECKED	AES/JESL/RL	6/3/2022	DES.	CONST.
DRAWN	JR	6/3/2022	SDOT	PROJ. MGR.
CHECKED	JMD	6/3/2022	RECEIVED	
			REVISED AS BUILT	

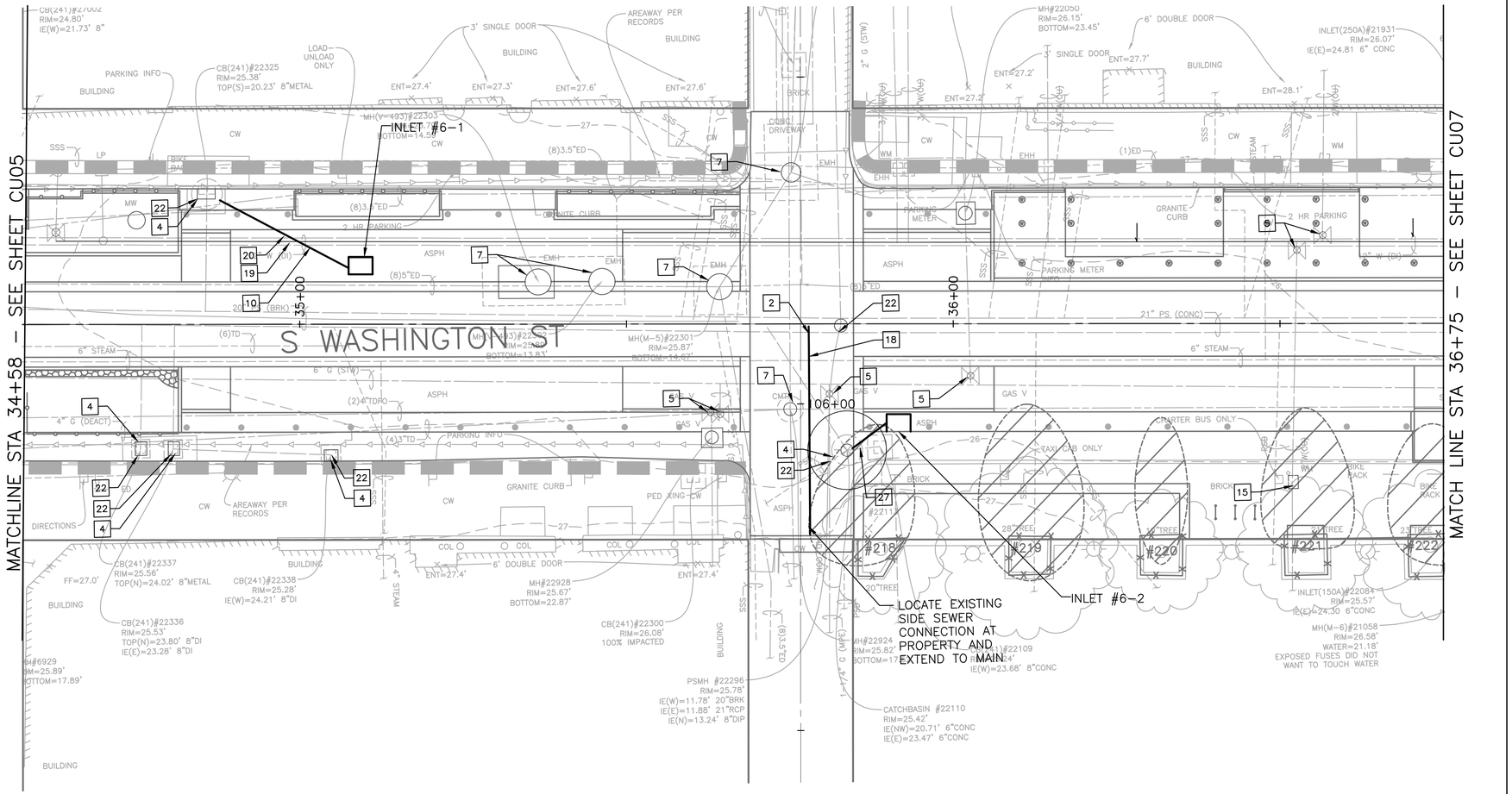
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

JANESSA MARIE DOOLITTLE
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. **2021-061**
SCALE: H. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB	PC TRC0449-S0100
	CO
VPI #	792-293
	CU05
SHEET	104 OF 198

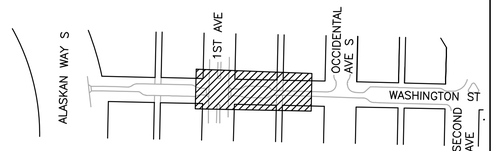


NOTES

1. SEE CUN01 LEGEND AND CONSTRUCTION NOTES.
2. SEE DRAWINGS CU21–CU23 FOR PROFILES.

N

10 5 0 10 20
SCALE IN FEET



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REVIEWED BY SPU/DRAINAGE ..... 20....
APPROVED BY SDOT STREET IMPROVEMENT PERMITTING ..... 20....

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CHECKED DR 6/3/2022	
DRAWN JA, JZ 6/3/2022	RECEIVED
CHECKED DR 6/3/2022	REVISED AS BUILT

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LAUREL JEAN KUNKLER
STATE OF WASHINGTON
23672
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CU06
SHEET 105 OF 198

MAUT SERIAL NO.	DATE	MARK	NATURE OF REVISIONS	MADE CHK'D	REV'D
38413					

Z:\Shared\Seattle – Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\02 Washington Street\101 CU06.dwg
Jun-09-22 2:42pm

MATCH LINE STA 36+75 – SEE SHEET CU06

INLET #7-4
INLET(250A)#21127
RIM=25.97'
IE(S)=23.78' 6"
CATCHBASIN #21102
RIM=26.42'
IE(NW)=23.00' 6"
IE(N)=22.38' 6"
LOCATE EX GV. (NOT SHOWN). PER SPU EX 12"W WEST OF GV IS DI AND 12" W EAST OF GV IS CI.
INLET #7-1
INLET(250A)#20980
RIM=26.41'
BOTTOM=14.66'
CATCHBASIN #20979
RIM=26.76'
IE(N)=23.14' 6"
IE(W)=23.13' 6"
IE(NE)=23.28' 6"
IE(E)=22.85' 6"
MH#20926
RIM=25.44'
PIPE TOP=21.59'
INLET(250A)#20904
RIM=25.10'
IE(W)=24.25' 6"
CB #7-2
MH#20927
RIM=25.05'
PIPE TOP=21.15'
BOTTOM=19.65'
MH#21049
RIM=26.83'
PIPE TOP=17.98'
BOTTOM=16.33'
INLET #7-2
INLET #7-3
CATCHBASIN #21050
RIM=26.01'
IE(S)=23.24' 6"CONC
IE(E)=? 6"CONC
INLET(250A)#21006
RIM=25.55'
IE(W)=24.26' 6"
INLET(150A)#21081
RIM=25.85'
IE(N)=25.00' 6"
MH#21080
RIM=26.32'
PIPE TOP=21.52'
CATCHBASIN #21048
RIM=25.85'
IE(W)=22.90' 8"CONC
IE(S)=22.25' 6"CONC
IE(W)=23.35' 8"CONC
INLET(150A)#21060
RIM=26.24'
IE(W)=25.35' 6"
MH#21047
RIM=26.47'
BOTTOM=18.87'
PSMH #21048
RIM=26.67'
IE(W)=13.14' 24"
IE(E)=13.22' 24"
#209
#210
#223
#224
#225
28"TREE
S WASHINGTON ST
OCCIDENTAL AVE S
ASPHALT PARKING LOT
PARKING PRICES
PARKING METER
PARKING INFO
CONC DRIVEWAY
BUILDING
BRICK
ASPH
ASPH PATCHES
4'HI RAILING
EX CB #20979
STOP SIGN
STREET SIGN
EMH
STMH
CTMH
VAULT
WATER FOUNTAIN
10' CHAINLINK FENCE
6' DOUBLE DOOR
6' SECURI
ENT=29.2'
ENT=27.7'
-37+00
-38+00
-39+00
-116+00

NOTES

1. SEE CUN01 LEGEND AND CONSTRUCTION NOTES.
2. SEE DRAWINGS CU21–CU23 FOR PROFILES.

N

10 5 0 10 20
SCALE IN FEET

ALASKAN WAY S
1ST AVE
OCCIDENTAL AVE S
WASHINGTON ST
SECOND AVE

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INITIALS AND DATE	INITIALS AND DATE
DESIGNED LK 6/3/2022	REVIEWED:
CHECKED DR 6/3/2022	DES. CONST.
	SDOT PROJ. MGR.
DRAWN JA, JZ 6/3/2022	RECEIVED
CHECKED DR 6/3/2022	REVISED AS BUILT

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

LAUREL JEAN KUNKLER
STATE OF WASHINGTON
ABETS REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

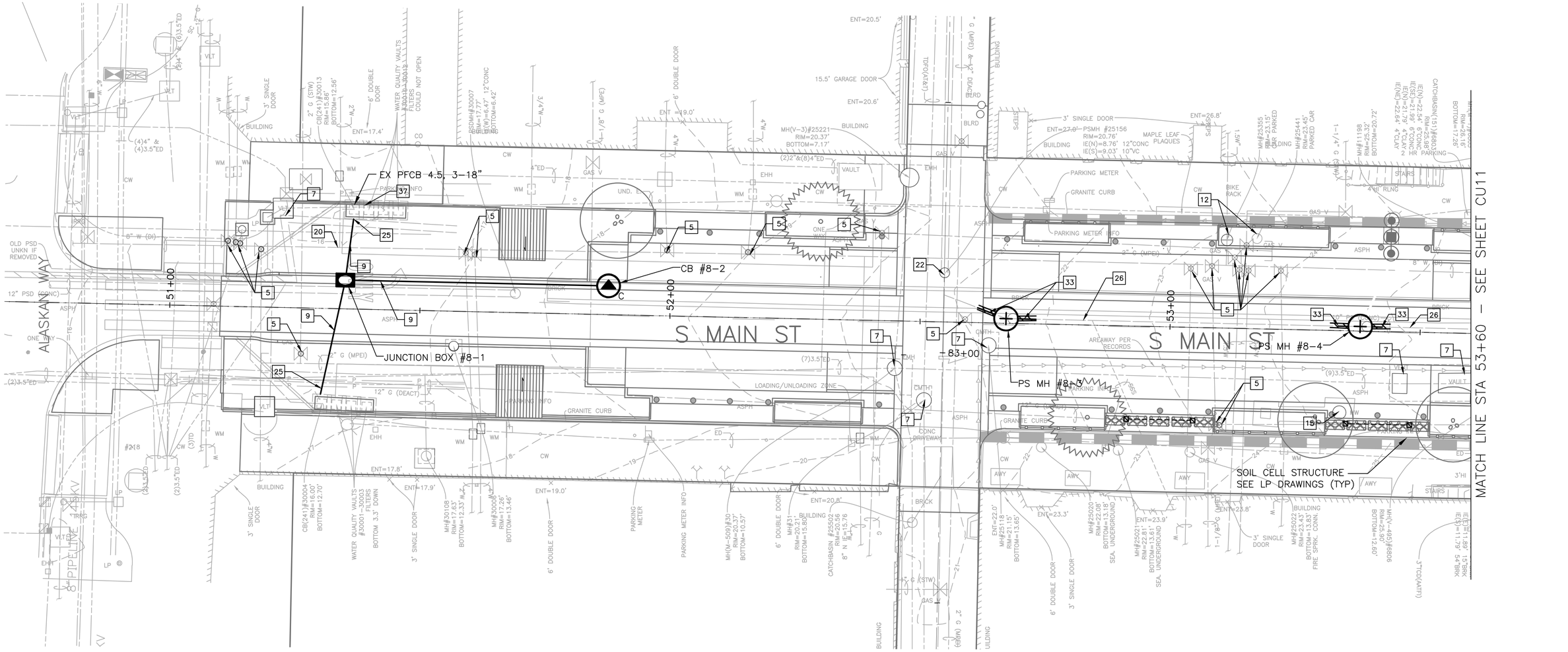
PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CU07
SHEET 106 OF 198

NATURE OF REVISIONS	MADE CHK'D	DATE	MARK

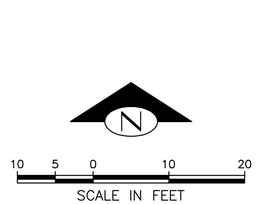
VAULT SERIAL NO. 3813

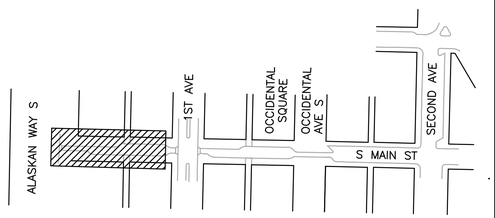
Z:\Shared\Seattle – Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\02 Washington Street\102 CU07.dwg
Jun-09-22 2:42pm



NOTES

1. SEE CUN01 LEGEND AND CONSTRUCTION NOTES.
2. SEE DRAWINGS CU21–CU23 FOR PROFILES.





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INITIALS AND DATE	INITIALS AND DATE
DESIGNED LK 6/3/2022	REVIEWED:
CHECKED DR 6/3/2022	DES. CONST.
	SDOT PROJ. MGR.
DRAWN JA, JZ 6/3/2022	RECEIVED
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LAUREL JEAN KUNKLER — STATE OF WASHINGTON — 43672 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
###
SCALE: H. 1"=10', V. 1"=10'

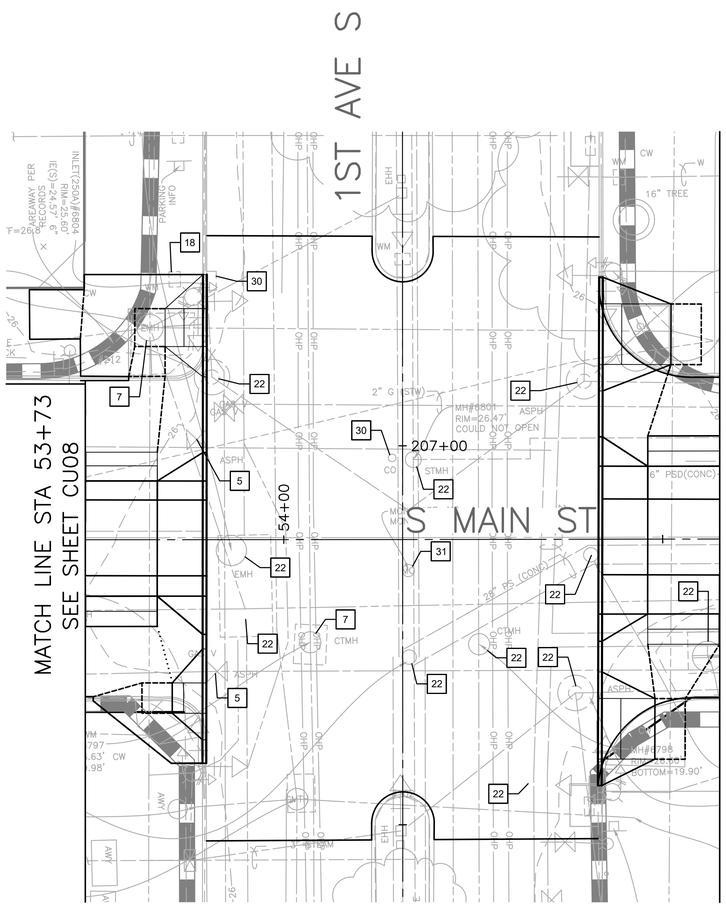
PIONEER SQUARE EAST–WEST STREETS

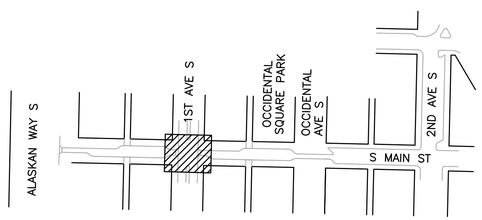
JOB: PC JOB PC / CO JOB CO
VPI # 792-293
CU08
SHEET 107 OF 198

NO.	MARK	DATE	REVISIONS	NATURE	MADE CHK'D	REV'D

VAULT SERIAL NO. 38413

Z:\Shared\Seattle - Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\03 Main Street\103 CU08.dwg
Jun-09-22 2:44pm





N

10 5 0 10 20

SCALE IN FEET

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FINAL CIRCULATION (100%)

1ST AVE S / S MAIN ST – CIVIL UTILITY PLAN

NATURE REVISIONS	DATE	MARK	MADE	CHK'D	REV'D

VAULT SERIAL NO. 5843

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INITIALS AND DATE		
DESIGNED	AES/JESL/RL	6/3/2022
CHECKED	JMD	6/3/2022
DRAWN	JR	6/3/2022
CHECKED	JMD	6/3/2022

INITIALS AND DATE	
REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
REVISED AS BUILT	

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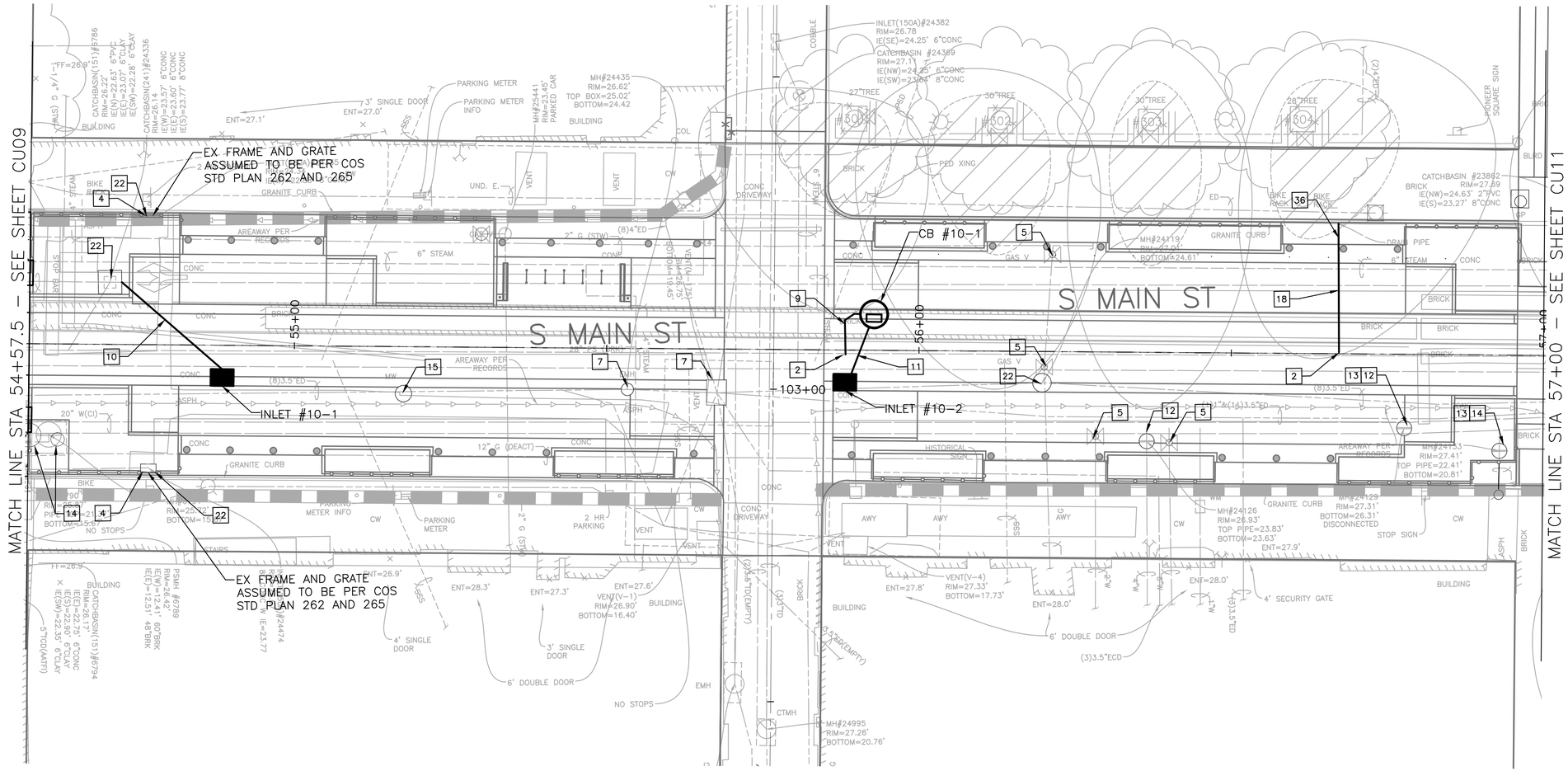
JANESSA MARIE DALOLO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021-061
SCALE: H. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449-S0100 CO
VPI # 792-293
CU09
SHEET 108 OF 198



NOTES

1. SEE CUN01 LEGEND AND CONSTRUCTION NOTES.
2. SEE DRAWINGS CU21–CU23 FOR PROFILES.

FINAL CIRCULATION (100%)

PLEASE CALL 811
3 Working Days
BEFORE YOU DIG

S MAIN ST – CIVIL UTILITY PLAN

MARK	DATE	REVISIONS	MADE BY	CHKD

VAULT SERIAL NO. 38413

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BY: . . . . . .
PURCHASING AND CONTRACTING DIRECTOR

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LAUREL JEAN KUNKLER
STATE OF WASHINGTON
43672
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021–061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
CU10
SHEET 109 OF 198

Z:\Shared\Seattle – Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\03 Main Street\105 CU10.dwg
Jun–09–22 2:44pm

MATCH LINE STA 57+00 – SEE SHEET CU10

OCCIDENTAL AVE S

S MAIN ST

S MAIN ST

58+00

59+00

113+00

CB #11-1

STOP SIGN

3 MIN LOADING ZONE

30 MIN LOADING ZONE

BUILDING

CATCHBASIN #23740
RIM=27.62
IE(NW)=23.79' 8"CONC
IE(S)=22.61' 8"CONC
IE(E)=24.17' 8"CONC

MH#23933
RIM=28.19'
BOTTOM=23.19'

MH#23839
RIM=27.87'
TOP BOX=26.77'
BRICK BOTTOM=25.92'

MH#23846
RIM=28.02'
COULD NOT OPEN
VERY HOT TO TOUCH

MH(M-174)#24097
RIM=28.08'
WATER

MH#24098
RIM=27.88'
TOP PIPE=23.08'
BOTTOM=21.88'

CATCHBASIN #24099
RIM=27.54
IE(SW)=23.53' 8"CONC
IE(S)=25.18' 8"CONC
IE(E)=23.32' 8"CONC

INLET(150A)#23796
RIM=27.09
8" CONC W IE=25.46

INLET(150A)#24047
AWY RIM=26.98
8" CONC W IE=25.31

MH#24210
RIM=28.05'
TOP PIPE=23.55'
BOTTOM=22.35'

AREAWAY PER RECORDS

PARKING INFO

GRANITE CURB

TROLLEY RAILS

ENT=29.6'

6.2' DOUBLE DOOR

28"TREE

34"TREE

4"TREE

18"TREE

24"TREE

BRICK

CONC

ASPH

BLRD

CW

EHH

12" G (STW)

12" W (CI)

1.5"ED

(4)3.5"ED

(12)4"ED

6" STEAM

2" G (STW)

3" STEAM

6" PSD(CONC)

28" PS (BRK)

20" W(CI)

(8)3.5"ED

(4)2"ED

(2)3"ED

(4)3"ED

(4)3.5"ED

(4)2.5"ED

6" SEWER

42'

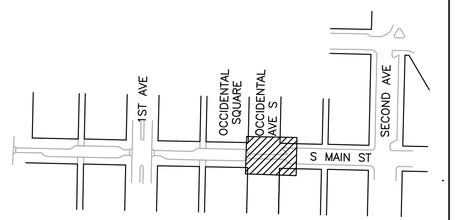
NOTES

1. SEE CUN01 LEGEND AND CONSTRUCTION NOTES.
2. SEE DRAWINGS CU21–CU23 FOR PROFILES.

N

10 5 0 10 20

SCALE IN FEET



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S MAIN ST – CIVIL UTILITY PLAN

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MARK	DATE	NATURE OF REVISIONS	MADE / CHK'D	REV'D

VAULT SERIAL NO. 38413

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DESIGNED LK 6/3/2022	REVIEWED:
CHECKED DR 6/3/2022	DES. CONST.
	SDOT PROJ. MGR.
DRAWN JA, JZ 6/3/2022	RECEIVED
CHECKED DR 6/3/2022	REVISED AS BUILT

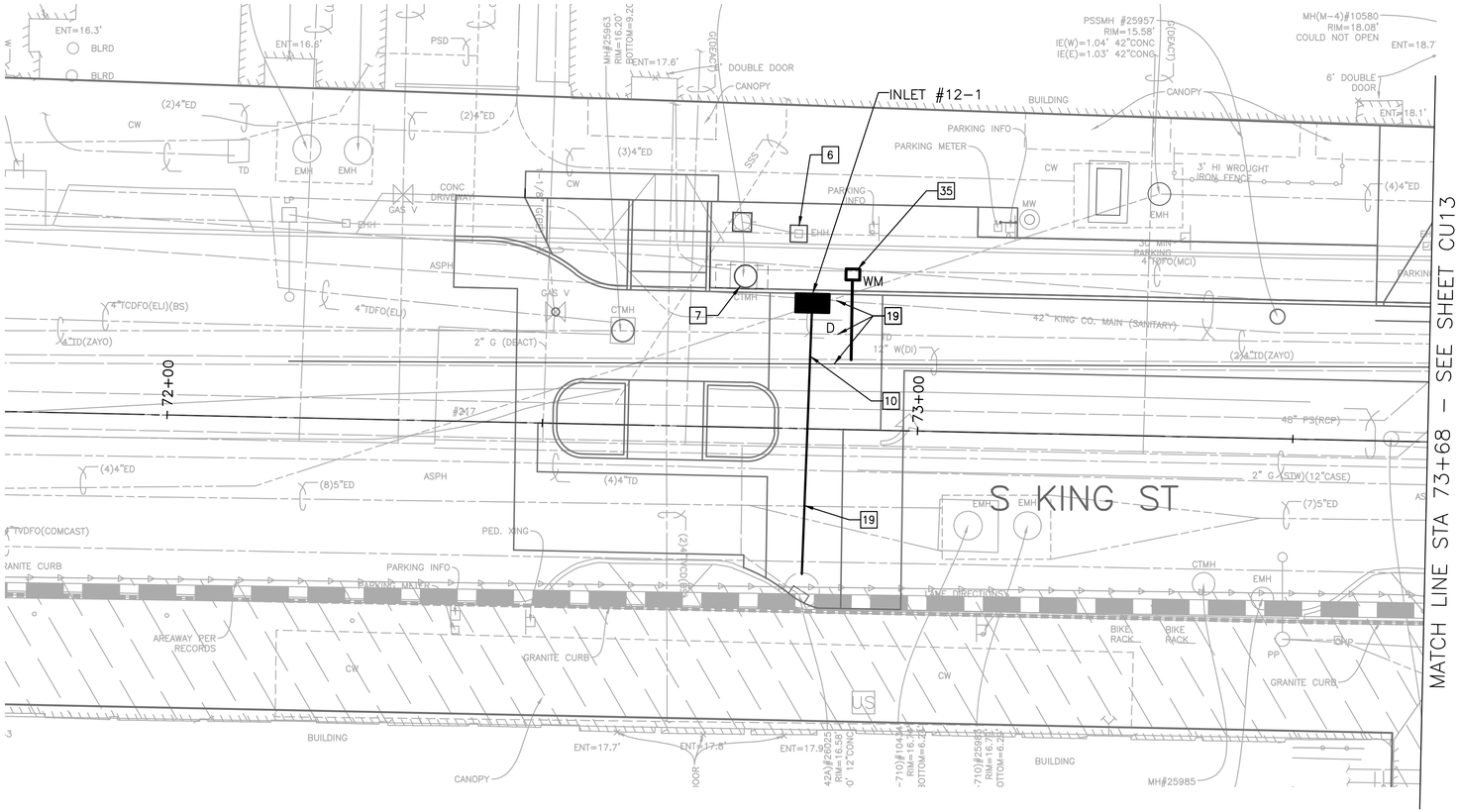
ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

LAUREL JEAN KUNKLER
STATE OF WASHINGTON
43672
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
###
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CU11
SHEET 110 OF 198



NOTES

1. SEE CUN01 LEGEND AND CONSTRUCTION NOTES.
2. SEE DRAWINGS CU21–CU23 FOR PROFILES.

PLEASE CALL 811
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S KING ST – CIVIL UTILITY PLAN

MARK	DATE	NATURE OF REVISIONS	MADE BY	CHK'D	REV'D

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DESIGNED	LK 6/3/2022	REVIEWED:	
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		SDOT	PROJ. MGR.
DRAWN	JA, JZ 6/3/2022	RECEIVED	
CHECKED	DR 6/3/2022	REVISED AS BUILT	

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LAUREL JEAN KUNKLER STATE OF WASHINGTON 43875 REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CU12
SHEET 111 OF 198

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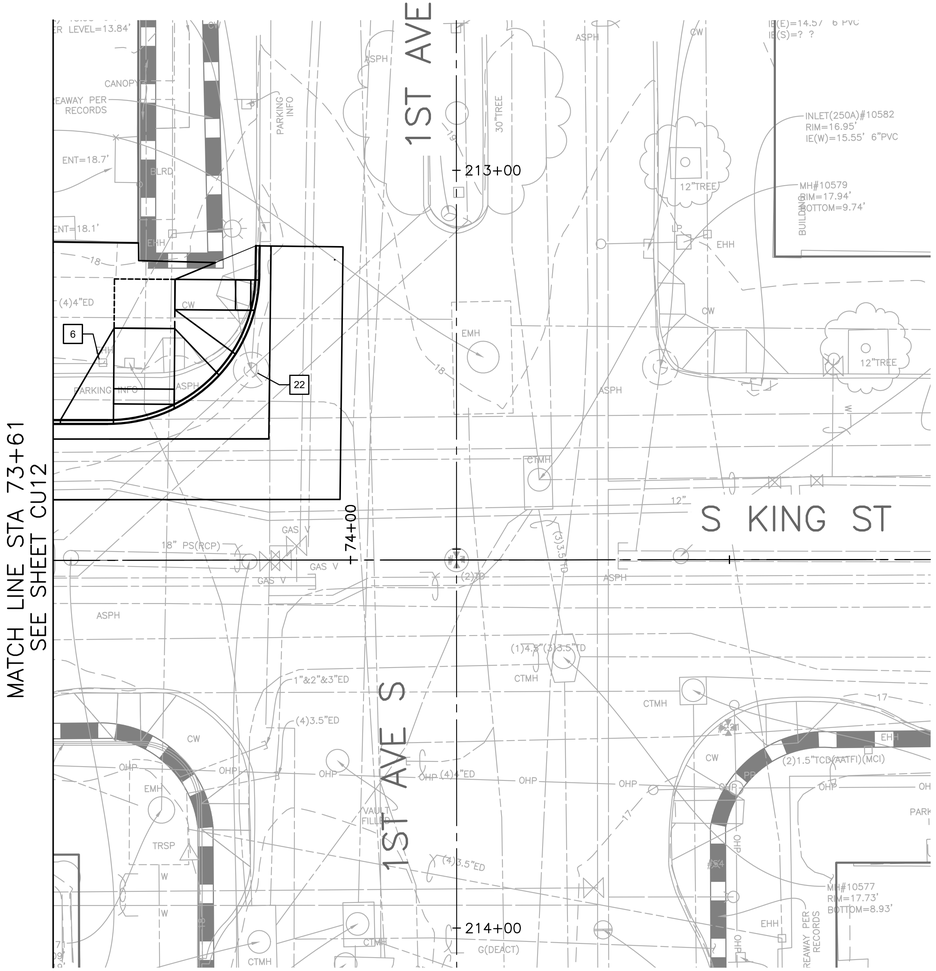

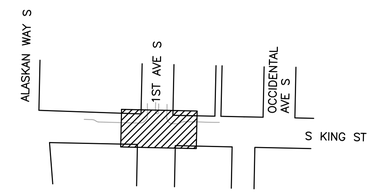

N

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1ST AVE S / S KING ST – CIVIL UTILITY PLAN

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DESIGNED	JMD	6/3/2022
CHECKED	AES/JESL/RL	6/3/2022
DRAWN	JR	6/3/2022
CHECKED	JMD	6/3/2022

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DES.	CONST.
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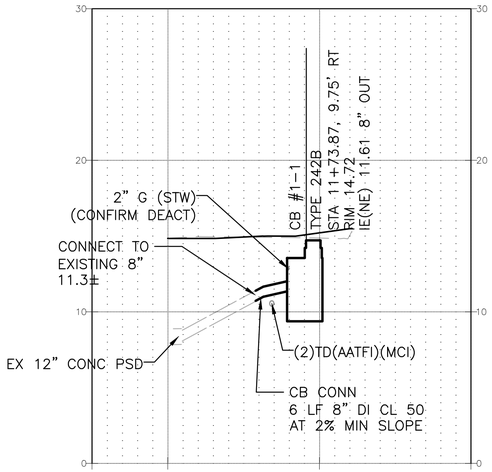
JANESSA MARIE DORATO
STATE OF WASHINGTON
28151
REGISTERED
PROFESSIONAL ENGINEER

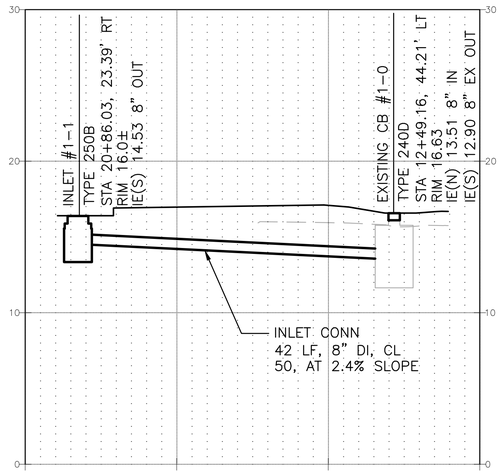
Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021-061
SCALE: H. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

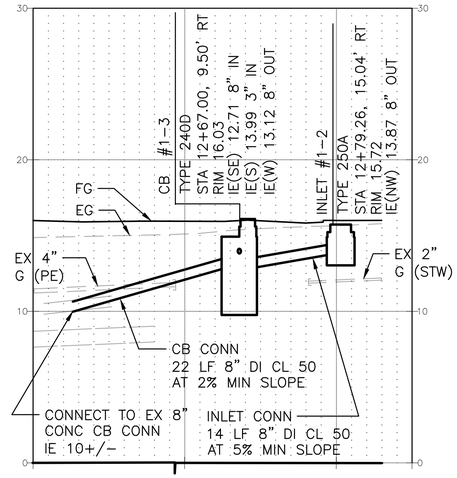
JOB	PC	TRC0449-S0100
	CO	
VPI #		792-293
		CU13
SHEET		112 OF 198



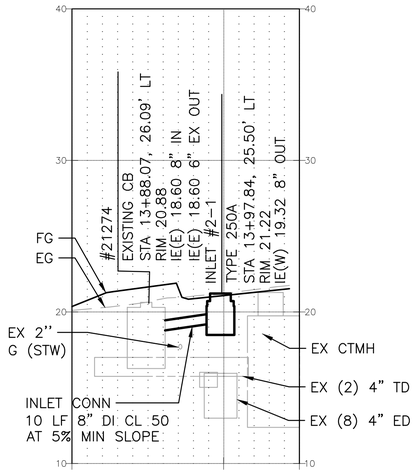
CB #1-1
(SEE SHEET CU01)



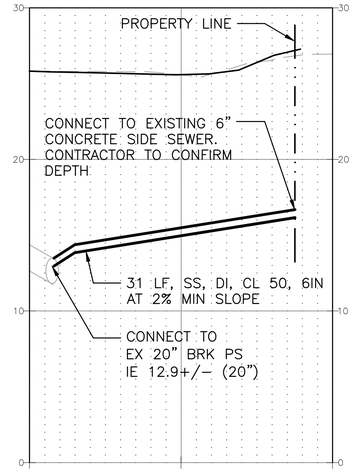
INLET #1-1
(SEE SHEET CU01)



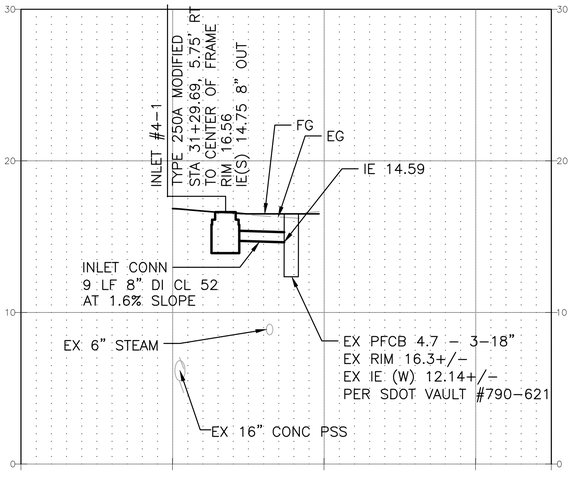
CB #1-3 TO PSD
(SEE SHEET CU01)



INLET #2-1 TO EX CB 21274
(SEE SHEET CU02)



SIDE SEWER
(SEE SHEET CU06)



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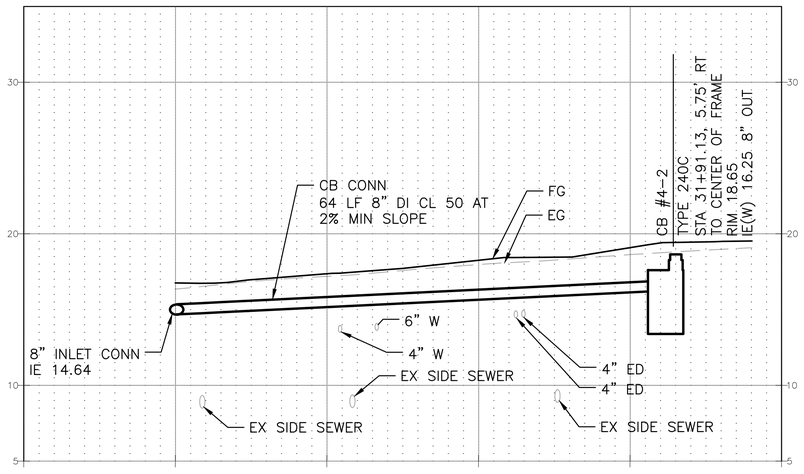
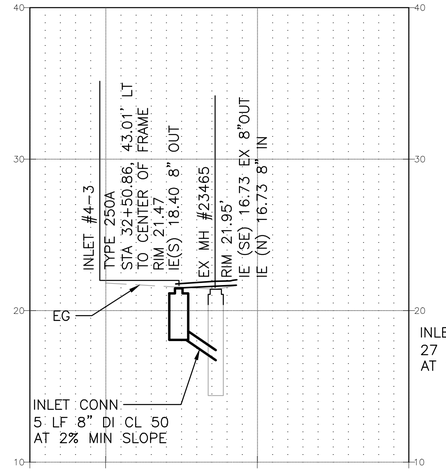


CB #4-2
(SEE SHEET CU04)



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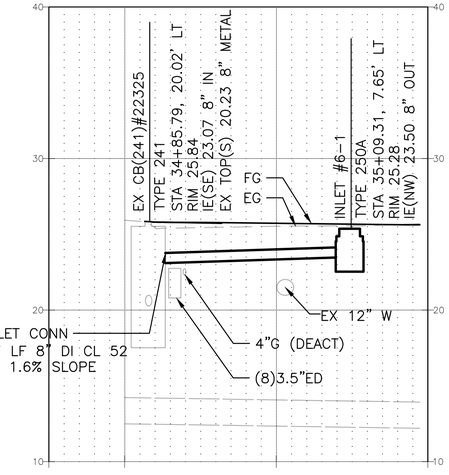

INLET #6-1
(SEE SHEET CU06)

NOTES FOR UTILTY PROFILES:
1. PROFILES FOR EXISTING UTILITIES SHOWN ON PROFILES ARE APPROXIMATE ONLY AND BASED ON AVAILABLE RECORDS FROM CITY OF SEATTLE. ACTUAL DEPTH AND LOCATION WILL VARY. FIELD LOCATE ALL EX UTILITIES PRIOR TO PLACEMENT OF STORM STRUCTURES. SEE PROJECT DRAINAGE GENERAL NOTES ON DRAWING CUN01.
2. DEPTH OF COVER OF ELEC, TEL DUCTS AT 3' MIN COVER OR ESTIMATED FROM SCL VAULT INFORMATION. ACTUAL DEPTH MUST BE FIELD VERIFIED.
3. DEPTH OF COVER OF EX WATER AND GAS ASSUMED TO BE PER STD PLAN 030. ACTUAL DEPTH MUST BE FIELD VERIFIED.

FINAL CIRCULATION (100%)

NO.	DATE	MARK	NATURE OF REVISIONS

VAULT SPCHL NO: 38413

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DRAWN JA, JZ 6/3/2022	SDOT PROJ. MGR.
CHECKED DR 6/3/2022	RECEIVED
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Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

CIVIL UTILITY SECTION

PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
CU21
SHEET 113 OF 198

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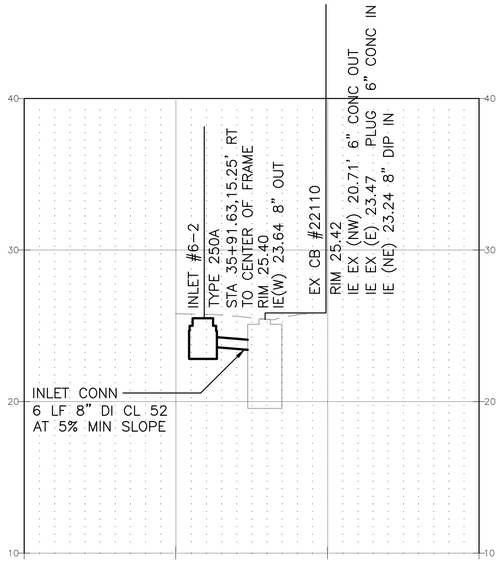
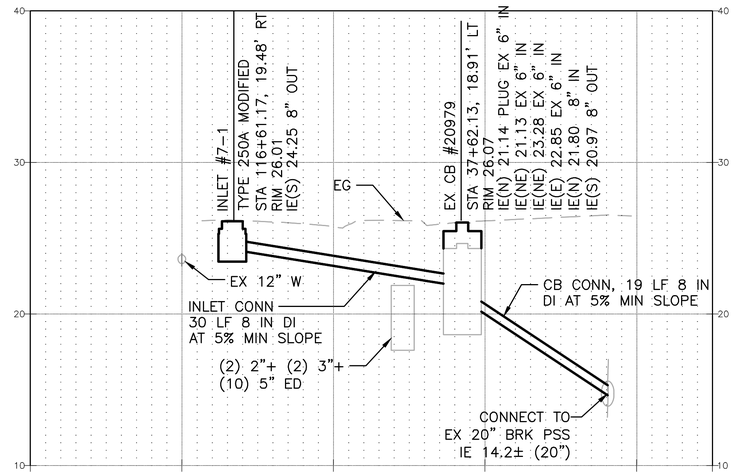
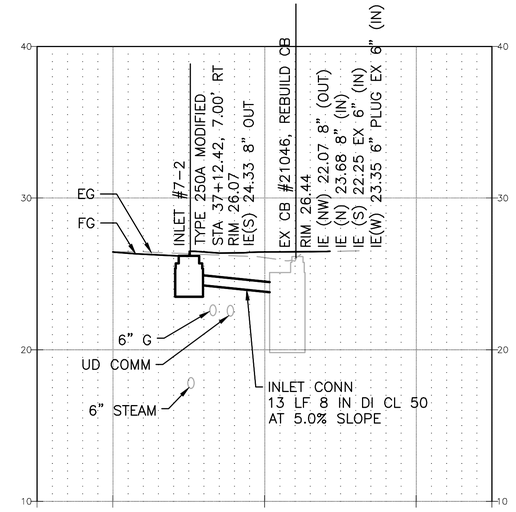


INLET #6-2
(SEE SHEET CU06)



INLET #7-1
(SEE SHEET CU07)



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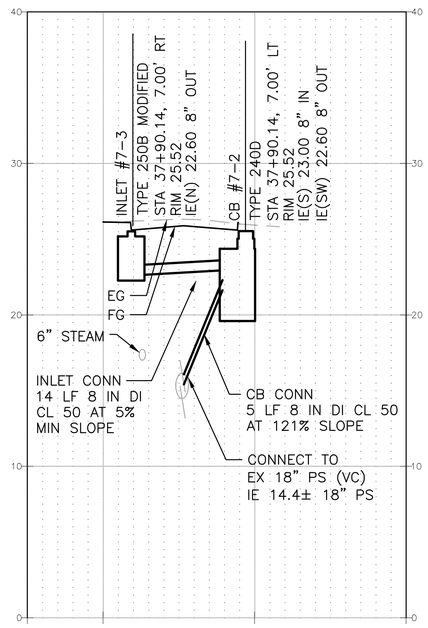
(SEE SHEET CU07)



CB #7-2 AND INLET#7-3
(SEE SHEET CU07)

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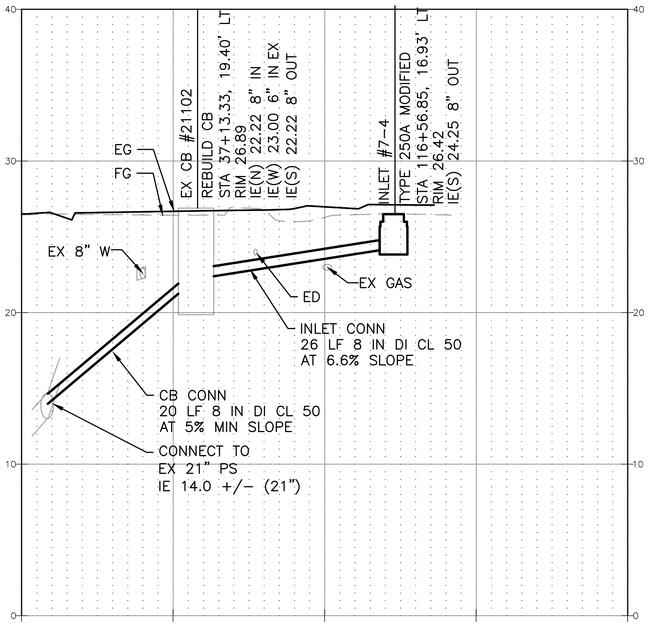

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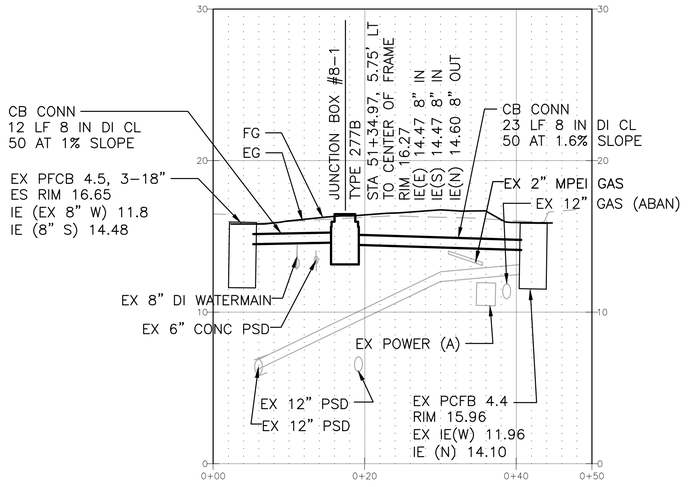
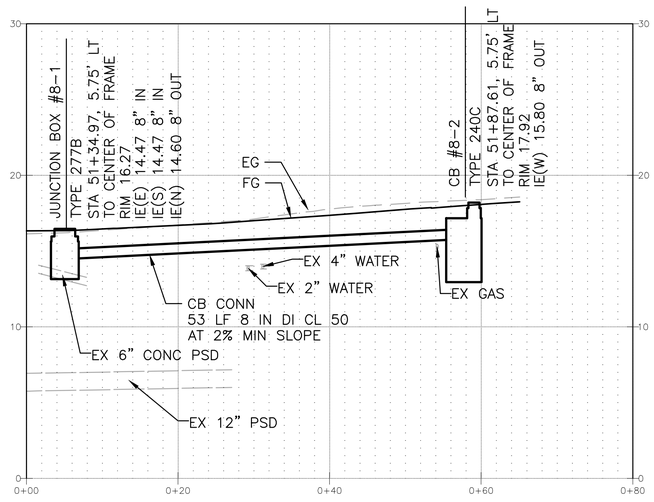


JUNCTION BOX #8-1
(SEE SHEET CU08)



CB #8-2
(SEE SHEET CU08)

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MARK	DATE	NATURE / REVISIONS	MADE / CHK'D

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DRAWN JA, JZ 6/3/2022	RECEIVED
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LAUREL JEAN KUNKLER — STATE OF WASHINGTON — 19521 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

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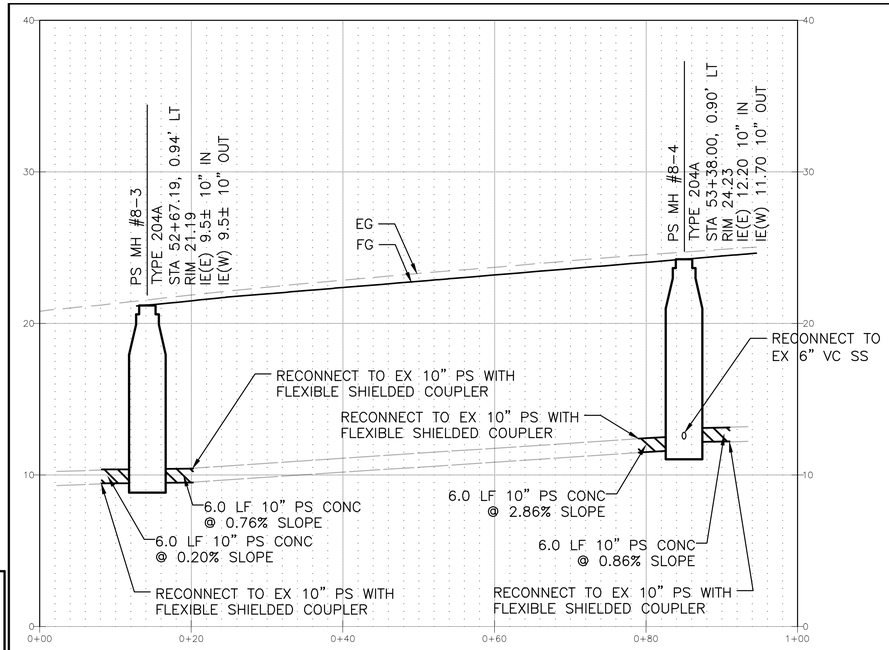
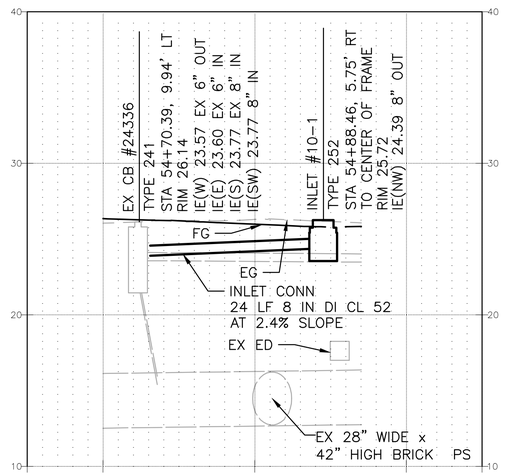
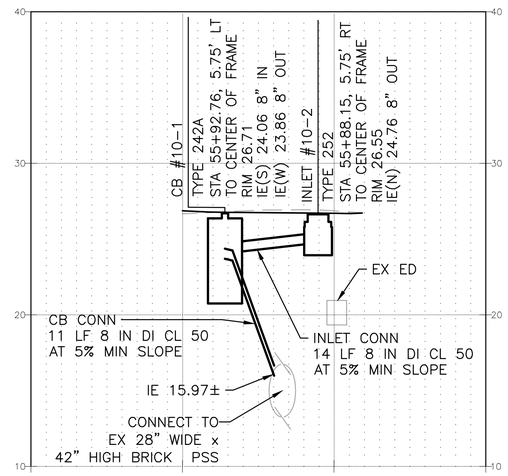
VPI # 792-293
CU22
SHEET 114 OF 198



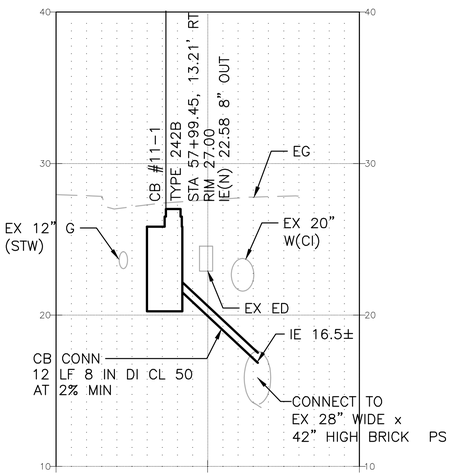
MH #8-3 AND MH #8-4
(SEE SHEET CU08)



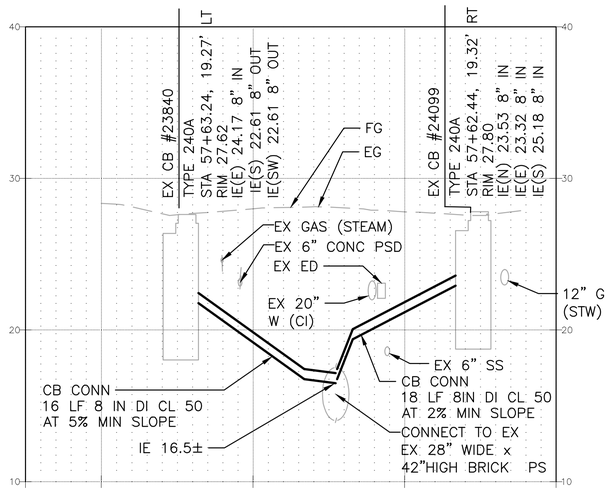
INLET #10-1
(SEE SHEET CU10)



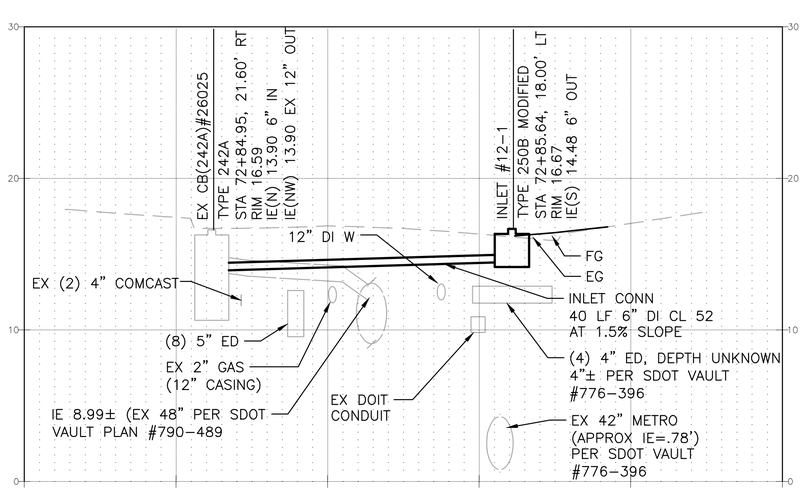
CB #10-1 AND INLET #10-2
(SEE SHEET CU10)



CB #11-1
(SEE SHEET CU11)



STORM CROSSINGS
(SEE SHEET CU11)



CB #12-1
(SEE SHEET CU12)

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3. DEPTH OF COVER OF EX WATER AND GAS ASSUMED TO BE PER STD PLAN 030. ACTUAL DEPTH MUST BE FIELD VERIFIED.

FINAL CIRCULATION (100%)

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MARK	DATE	NATURE

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BY: . . . . . .
PURCHASING AND CONTRACTING DIRECTOR

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LAUREL JEAN KUNKLER — STATE OF WASHINGTON — 24007 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

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CO JOB CO
VPI # 792-293
CU23
SHEET 115 OF 198

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Jun-09-22 2:49pm

GENERAL NOTES

1. ALL CROSSWALKS SHALL BE 10' WIDE UNLESS OTHERWISE NOTED.
2. SEE SITE PREPARATION AND DISPOSITION PLANS FOR EXISTING PAVEMENT MARKING REMOVALS NOT NOTED ON PAVEMENT MARKING AND SIGNAGE PLANS.
3. ALL PARKING AND LOADING SIGNS SHALL BE FURNISHED AND INSTALLED BY OTHERS. PARKING AND LOADING SIGNAGE AND POSTS TO BE INSTALLED BY CURB SPACE MANAGEMENT ONLY UPON COMPLETION OF CURB AND SIDEWALKS. CONTRACTOR TO COORDINATE WORK WITH CURB SPACE MANAGEMENT (206–684–5370).
4. NON–PARKING AND NON–LOADING SIGNS SHALL BE OWNER FURNISHED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR SHALL FURNISH AND INSTALL POSTS AS NOTED IN PLANS.
5. NOTIFY CURB SPACE MANAGEMENT AT LEAST 10 BUSINESS DAYS BEFORE REMOVAL OF PAY STATIONS AND PARKING SIGNS. PAY STATIONS AND PARKING SIGNS MUST BE REMOVED BY SDOT CURB SPACE MANAGEMENT ONLY.

CONSTRUCTION NOTES

(1) INSTALL RED/WHITE SLEEVE TO EXISTING POST PER COS STANDARD PLAN 620.

(2) REMOVE STOP BAR.

(3) REMOVE CROSSWALK BARS.

SIGNING LEGEND

	EXISTING SIGN
	PROPOSED SIGN
X	INSTALL
X	REMOVE
X	RELOCATE
X	EXISTING SIGN AND POST TO REMAIN

CHANNELIZATION LEGEND

L–M/4WS	SOLID 4" WHITE EDGE LINE
L–MP/4YD	SOLID 4–INCH YELLOW DOUBLE CENTERLINE WITH TYPE 2A RPMS 30 FEET ON CENTER
L–T/SL16	SOLID 16" WHITE STOP BAR, THERMOPLASTIC
L–T/SL24	SOLID 24" WHITE STOP LINE, THERMOPLASTIC
L–T/XWLK	SOLID 8" WHITE CROSSWALK, THERMOPLASTIC
S–T720A	LEFT ARROW PER STANDARD PLAN 720 DETAIL 720A
MP	METAL POLE
RP	ROUND POLE
L–M/8WS	WHITE BARRIER PER STANDARD PLAN 711
S–T721B	RIGHT AND THRU ARROW PER STANDARD PLAN 721 DETAIL 721B
S–T728A	CHEVRON SYMBOL PER STANDARD PLAN DETAIL 728A

VAULT	SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
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JANESSA MARIE LOMATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021–061
SCALE: NONE

PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449–S0100 CO
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PMN01
SHEET 116 OF 198

D1–1BAHX [1]	DESTINATION [RIGHT FACING BIKE][AHEAD ARROW]		36x6 RECTANGLE WHIT/GREN
D1–1CRX[1]	DESTINATION DISTANCE [RIGHT FACING BIKE] [RIGHT ARROW] COMMENTS: NOTE: DO NOT REPLACE THESE SIGBS IN KIND, OR INSTALL NEW SIGNS. INSTEAD PLEASE SEE THE CURRENT BICYCLE FACILITY DESIGN GUIDE FOR INFORMATION.		36x6 RECTANGLE WHIT/GREN
D1–1FAR	[FERRY LOGO] FERRIES [RIGHT ARROW]		30x48 GREEN WHITE
D3–103X[1]	(1) STREET NAME HUNDRED BLOCK*		VARIESX9 RECTANGLE WHITE/GREN
I6–MUSLUL	SEATTLE CITY OF MUSIC PRIORITY MUSICIANS LOADING UNLOADING		12x12 BLACK/WHIT GREEN PINK BLUE
I6–200	PAY BY PHONE PARKING PAYBYPHONE.COM 1–888–515–7275 LOC[VARIABLE]		12x18 RECTANGLE WHITE BLACK GREEN
M7–1L	[LEFT ARROW]		12x9 RECTANGLE WHITE/GREEN
R1–1	STOP COMMENTS: THESE SIGNS SHALL BE RED–BACKED WITH THE SAME GRADE OF RETRO REFLECTIVE MATERIAL USED FOR THE SIGN FACE AND ACCOMPANIED BY RED/WHITE POST SLEEVES.		30X30 OCTAGON WHITE/RED
R1–3P	ALL WAY		18x6 RECTANGLE WHITE/RED
R3–1F	[SLASH OVER CIRCLE]P[LEFT ARROW] COMMENTS: SIGN BASED OFF OF MUTCD R7–2		24x36 BLACK/WHITE/RED
R3–1H	[NO HARD RIGHT TURN]		24x24 BLACK RED WHITE
R3–2	[NO LEFT TURN]		24x24 SQUARE RED/WHITE BLACK/WHIT
R3–6LR	[LEFT RIGHT OPTION ARROW]		30x36 RECTANGLE WHITE BLACK
R3–82LT	[45L CURVE ARROW] ONLY [THRU ARROW] ONLY		30x30 WHITE BLACK
R5–1	DO NOT [SYMBOL] ENTER		30x30 SQUARE RED/WHITE
R6–2L	ONE WAY [LT ARROW]		24x30 RECTANGLE BLACK/WHIT
R6–2R	ONE WAY [RT ARROW]		24x30 RECTANGLE BLACK/WHIT
R7–HV	NO VEHICLES OVER 10,000 GVW		12x12 WHITE RED

R7–L	[LEFT FACING ARROW]		12x6 RECTANGLE RED WHITE
R7–NP	[RED SLASHED CIRCLE]PCOMMENTS: SIGN BASED OFF OF MUTCD R7–2 THE R7–NP SIGN IS EQUIVALENT TO THE R8–3 SIGN IN THE MUTCD		12x12 SQUARE RED/WHITE
R7–NPL	[RED SLASHED CIRCLE]P[LEFT ARROW] COMMENTS: SIGN BASED OFF OF MUTCD R7–2		12x18 RECTANGLE RED/WHIT BLACK/WHITE
R7–R	[RIGHT FACING ARROW]		12x6 RECTANGLE RED WHITE
R7–SPACE	NO PARKING THIS SPACE		12x18 RECTANGLE RED/WHIT
R7–STOPS	NO STOPS TOW–AWAY ZONE PHONE 684–5444		12x18 RECTANGLE RED/WHITE
R7–STOPSL	NO STOPS[LEFT FACING ARROW] TOW–AWAY ZONE		12x18 RECTANGLE RED/WHITE
R7–STOPSR	NO STOPS[RIGHT FACING ARROW]TOW–AWAY ZONE		12x18 RECTANGLE RED/WHITE
R7–TAZ	[CAR BEING TOWED] PHONE (206)684–5444		12x6 RECTANGLE RED/WHITE
R7–WI30	[CIRCLE SLASH P] WITHIN 30 FEET		12x18 RECTANGLE RED/WHITE
R8–2PAYB6	PARKING SYMBOL PAY 8AM–6PM EXCEPT SUN–HOL 2 HOURS MAX PAY BY PHONE SYMBOL OR ENTER PLATE NUMBER PAYSTATION SYMBOL		12x36 WHITE BLUE BLACK GREEN
R8–BACKIN	BACK–IN ANGLE PARKING ONLY		12x18 RECTANGLE RED/WHITE
R8–CHRTRX[3]	(3) 15M CHARTER BUS ONLY 8A–6P		12x18 RECTANGLE BLACK/WHIT
R8–CLZ	30 M CLZ 7A–6P EXC SUN–HOL, USE PS EXC WITH PERMIT, TAZ		12x18 RECTANGLE BLACK/YELW RED/WHITE
R8–CLZX[17]	(17)30 M CLZ 7A–6P EXC SAT SUN HOL PS EXC WITH PERMIT, TAZ		12x18 RECTANGLE BLACK/YELW RED/WHITE
R8–2HRSUN	2 HOUR [CIRCLE P] 10AM–6PM SUNDAYS NO PAYMENT REQUIRED		12x18 RECTANGLE WHITE GREEN BLACK
R8–DISABLE	[DIASABLED PERSON] STATE DISABLED PARKING PERMIT REQUIRED, TAZ		12x18 RECTANGLE WHIT/BLUE RED/WHIT
R8–EXMPTX[8]	(8) SFD EXEMPT VEHICLES ONLY		12x18 RECTANGLE BLACK/WHITE

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JANESSA MARIE LAMATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER

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PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449–S0100 CO
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PMN02
SHEET 117 OF 198

R8–LULX [14]	(14) 30 MINUTE LOAD AND UNLOAD ONLY 4P–4A EVERYDAY		12x18 RECTANGLE BLACK/YELW RED/WHITE
R8–MOTCYCX [3]	(3) MOTOR CYCLES ONLY, PAY @ PS 8A–6P EXC SUN–HOL		12x18 RECTANGLE BLACK/WHIT
R8–PAY6	PARKING SYMBOL PAY TO PARK 8AM–6PM EXCEPT SUN–HOL		12x18 WHITE BLUE GREEN
R8–PLZ	3 M PLZ ONLY, TAZ		12x18 RECTANGLE BLACK/WHIT RED/WHITE
R8–PLZDX[18]	(18)3 MINUTE PASSENGER LOAD ONLY 7AM–6PM EXC SAT–SUN–HOL [CAR BEING TOWED]		12x18 RECTANGLE BLACK/WHIT RED/WHITE
R8–PLZX[17]	(17)3 MINUTE 7PM–6AM EVERYDAY [CAR BEING TOWED] PHONE (206 684–5444)		12x18 RECTANGLE BLACK/WHIT
R8–PLZX[2]	(2)15 M PLZ, TAZ		12x18 RECTANGLE BLACK/WHIT
R8–PLZX[31]	(31)AM PASSENGER LOAD ONLY EVERYDAY [TOWED CAR]		12x18 RECTANGLE BLACK/WHIT
R8–POLICE	POLICE DEPT VEHICLES ONLY		12x18 RECTANGLE BLACK/WHIT
R8–TAXILC	TAXI CABS ONLY THURS–FRI–SAT 11:30PM–3:00AM		12x18 RECTANGLE BLACK/YELLOW
W6–3	COMMENTS: NOTE: THIS SIGN CAN BE USED IN CONSTRUCTON FOR TEMPORARY TRAFFIC CONTROL, WHEN COLORED B/O.		30x30 DIAMOND BLACK/YELW
W11–2	[PEDESTRIAN]		30x30 DIAMOND BLACK/FLGR
W16–7PL	[45L DE ARROW]		24x12 RECTANGLE BLCK/FLGR

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PIONEER SQUARE
EAST–WEST STREETS

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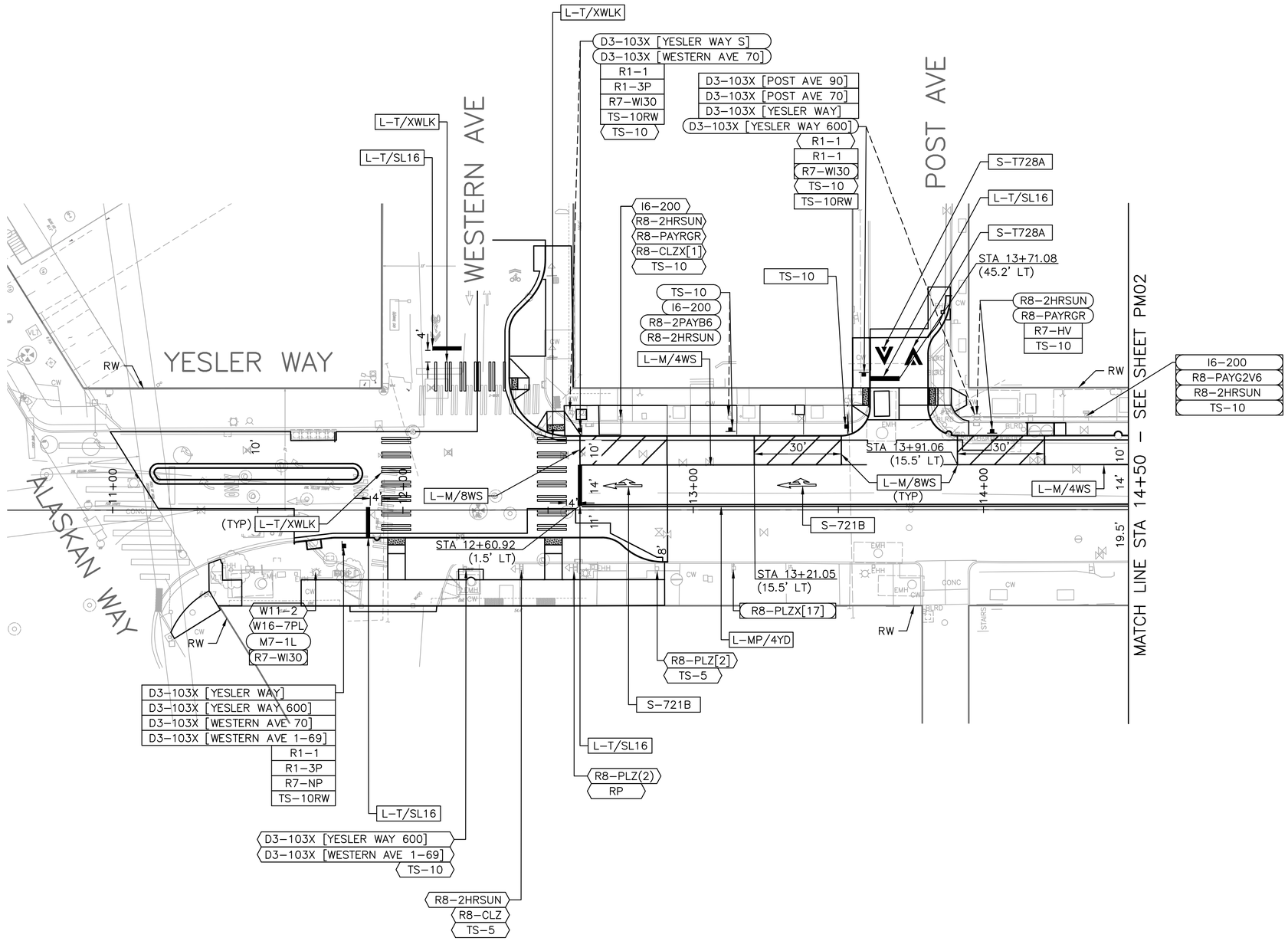
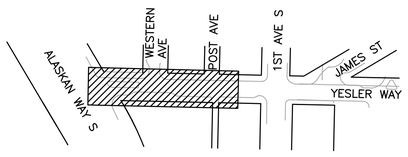
SHEET 118 OF 198





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YESLER WAY – PAVEMENT MARKING AND SIGNAGE PLAN

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JANESSA MARIE DAMATO
STATE OF WASHINGTON
48151
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PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021-061

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PIONEER SQUARE EAST-WEST STREETS

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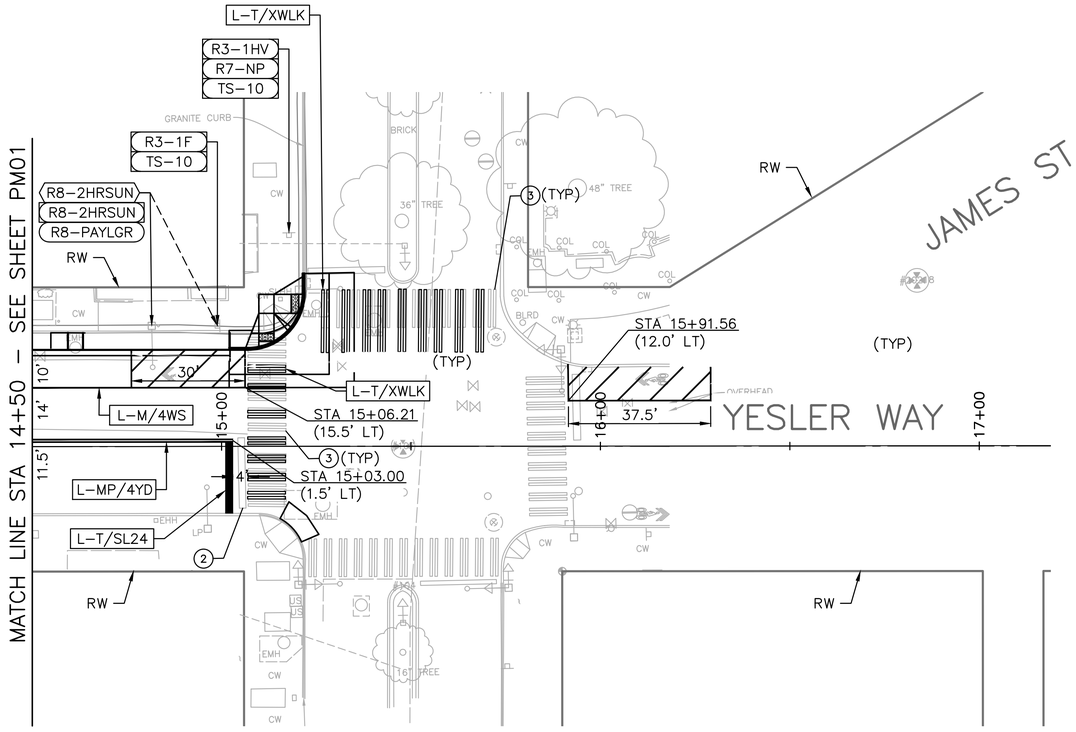
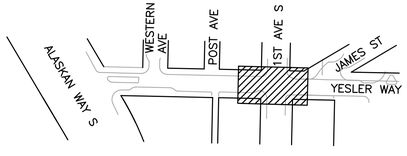
SHEET 119 OF 198





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YESLER WAY – PAVING MARKING AND SIGNAGE PLAN

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PIONEER SQUARE EAST–WEST STREETS

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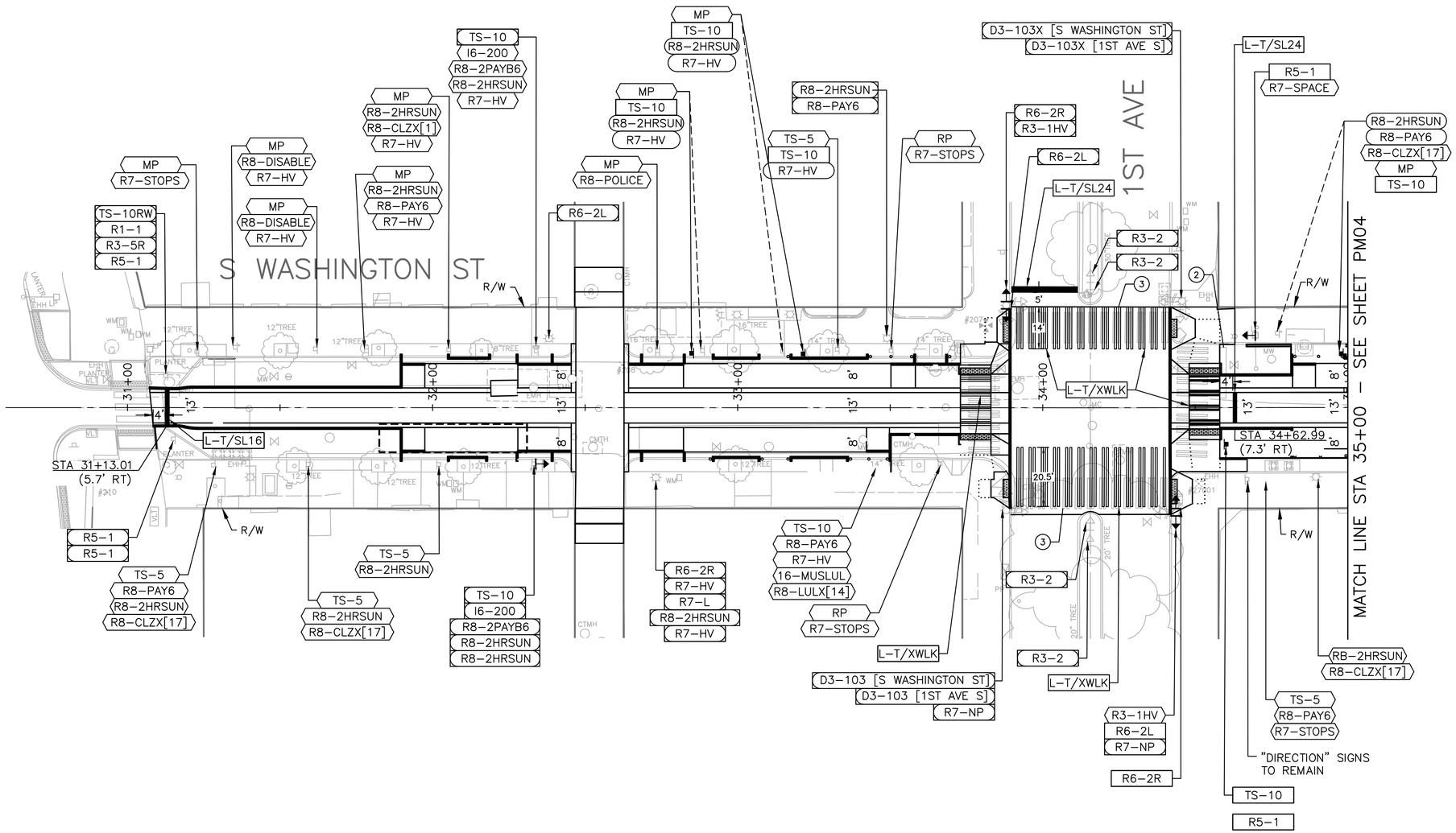

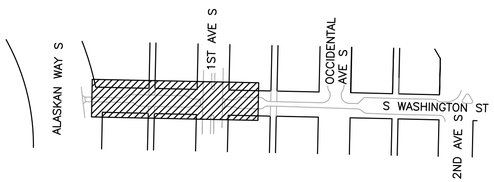

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S WASHINGTON STREET – PAVING MARKING AND SIGNAGE PLAN

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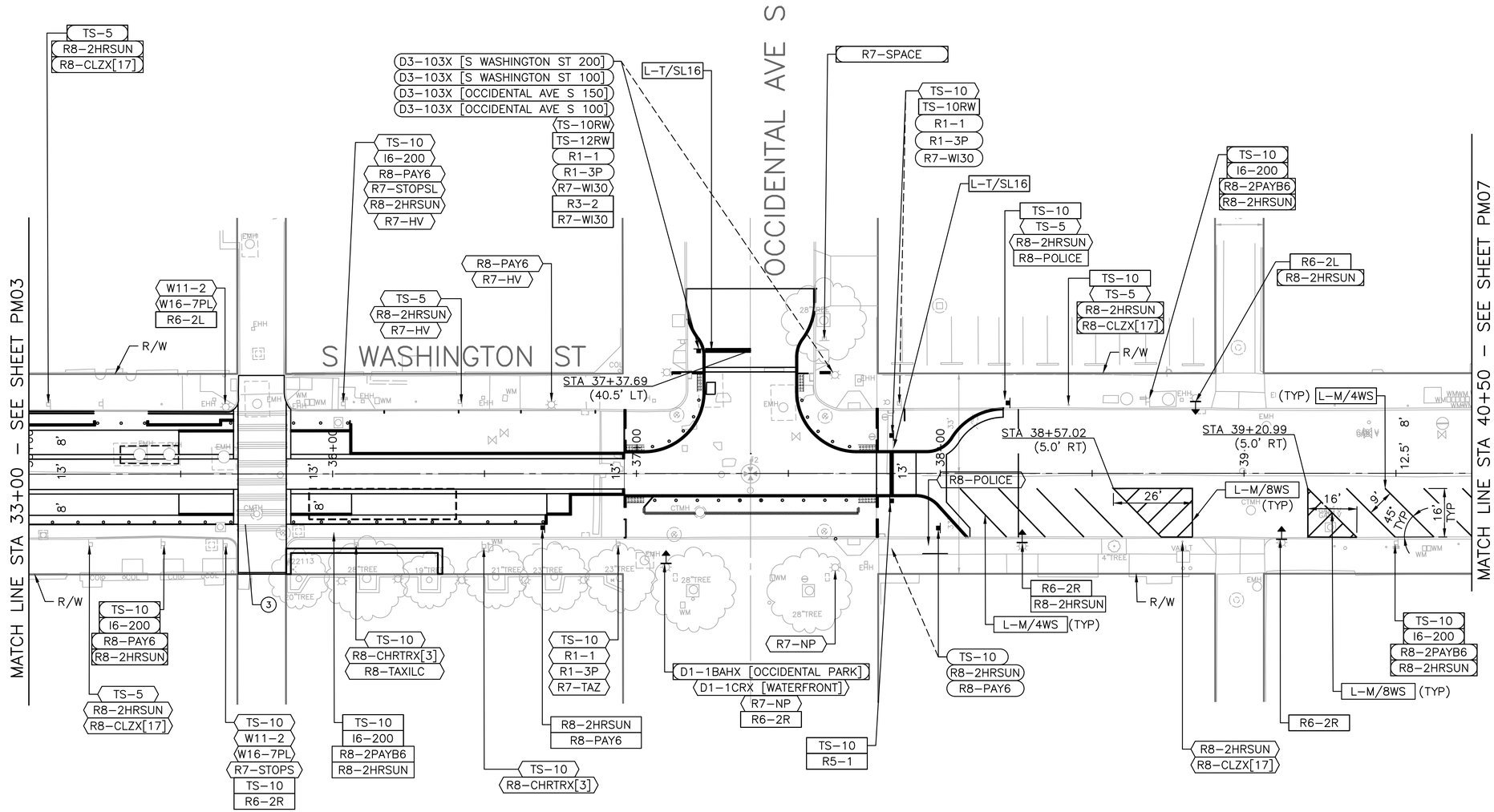

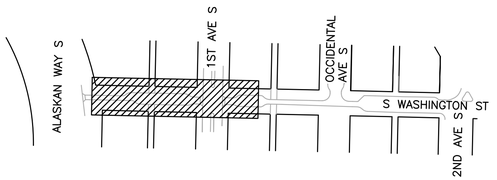

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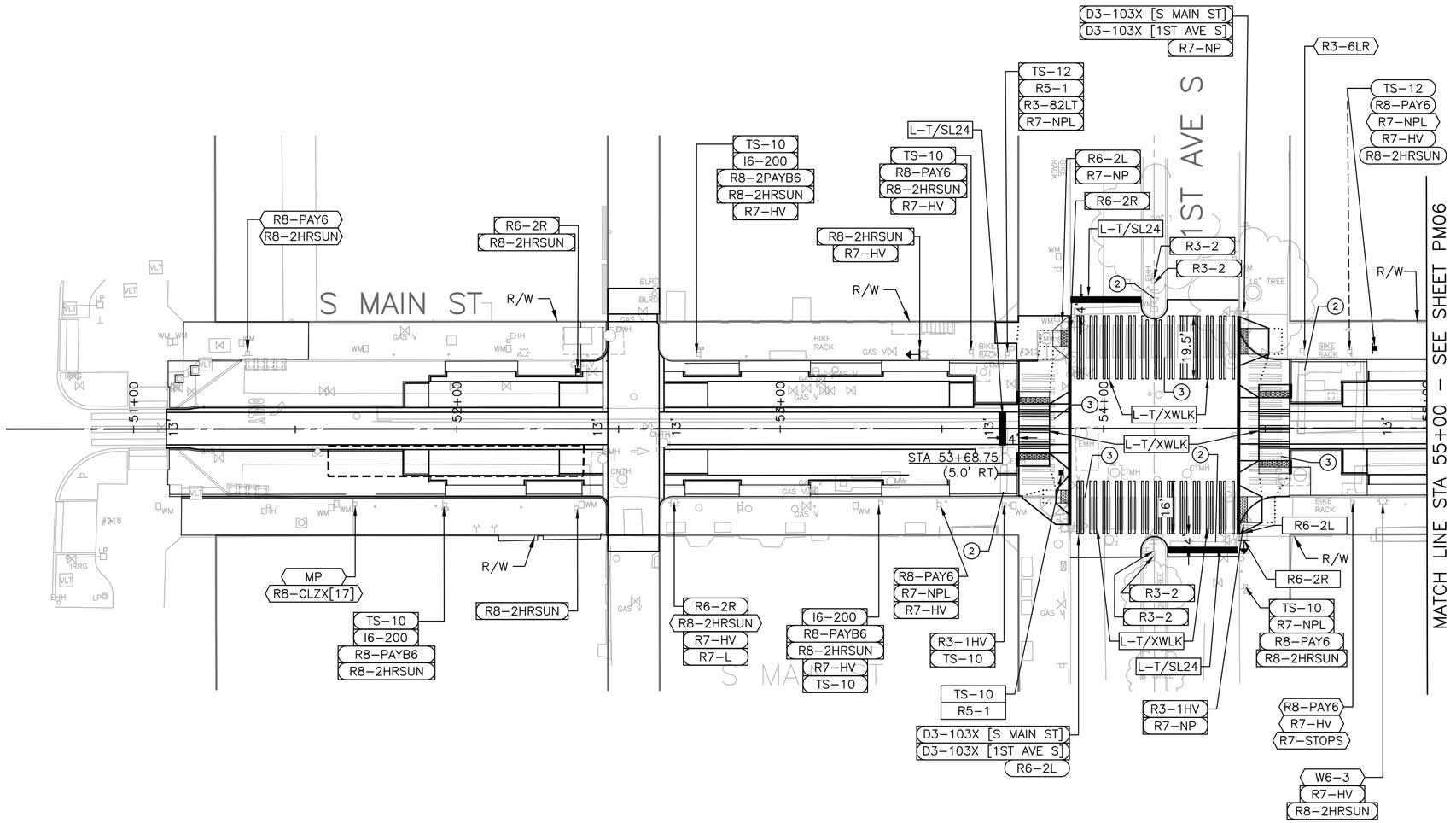

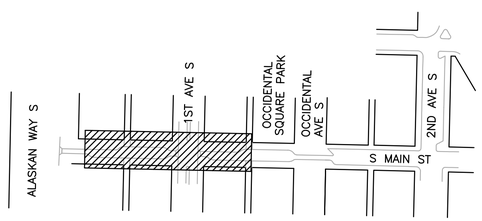

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BY: . . . . . .
CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		
DESIGNED	AES/JESL/RL	6/3/2022
CHECKED	JMD	6/3/2022
DRAWN	JR	6/3/2022
CHECKED	JMD	6/3/2022

INITIALS AND DATE	
REVIEWED:	
DES. 3	CONST. 2
SDOT 5	PROJ. MGR. 4
RECEIVED 1	
REVISED AS BUILT	

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

JANESSA MARIE MATO — STATE OF WASHINGTON — 48151 — REGISTERED PROFESSIONAL ENGINEER

Seattle Department of Transportation

ORDINANCE NO. PW NO. **2021-061**

SCALE: H. 1"=20', V. 1"=10'

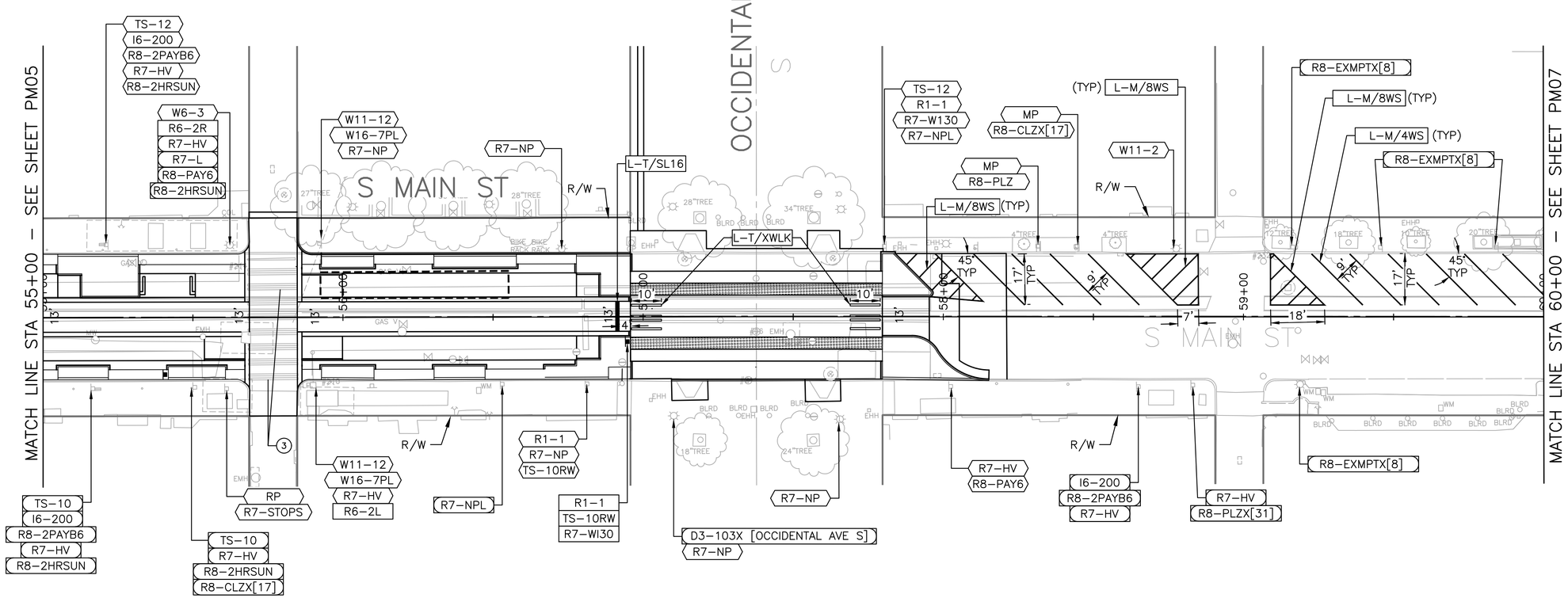
PIONEER SQUARE EAST–WEST STREETS

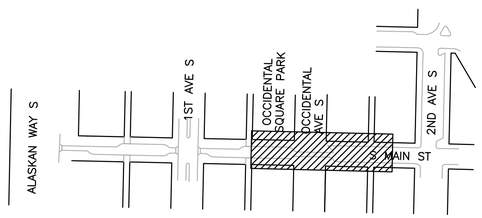
JOB	PC	TRC0449–S0100
	CO	
VPI #	792–293	
PM05		
SHEET	123 OF 198	

X:\Seattle, City of\Projects\20180111 - Pioneer Square E - W Ped Improvements\CADD\Plan Sheets\PSEWS_P-MAIN CHAN.dwg
Jun-06-22 9:49am

NOTES:

1. REMOVE PAINT ON ALL EXISTING CEM CONC CURB TO REMAIN.





N

20 10 0 20 40

SCALE IN FEET

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S MAIN ST – PAVEMENT MARKING AND SIGNAGE PLAN

FINAL CIRCULATION (100%)

MARK	DATE	NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 3843

MIG
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INITIALS AND DATE			INITIALS AND DATE	
DESIGNED	AES/JESL/RL	6/3/2022	REVIEWED:	
CHECKED	JMD	6/3/2022	DES.	CONST.
			SDOT	PROJ. MGR.
DRAWN	JR	6/3/2022	RECEIVED	
CHECKED	JMD	6/3/2022	REVISED AS BUILT	

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JANESSA MARIE TOMATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021–061
SCALE: H. 1"=20', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449–S0100
CO
VPI # 792–293
PM06
SHEET 124 OF 198

X:\Seattle, City of\Projects\20180111 – Pioneer Square E – W Ped Improvements\CADD\Plan Sheets\PSEWS_P–MAIN CHAN.dwg
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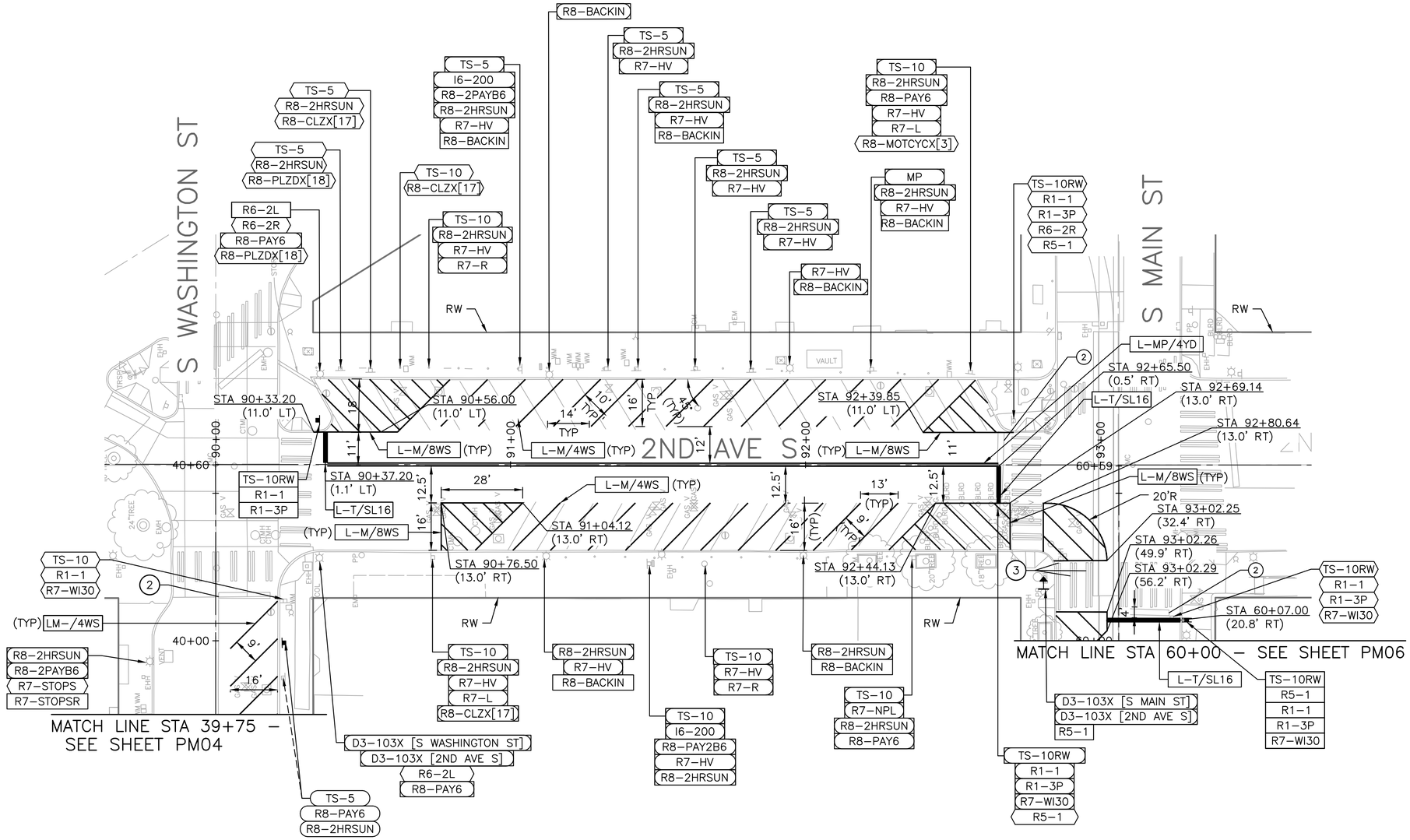

FINAL CIRCULATION (100%)

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SECOND AVE S – PAVING MARKING AND SIGNAGE PLAN

NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 3843

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SDOT	PROJ. MGR.
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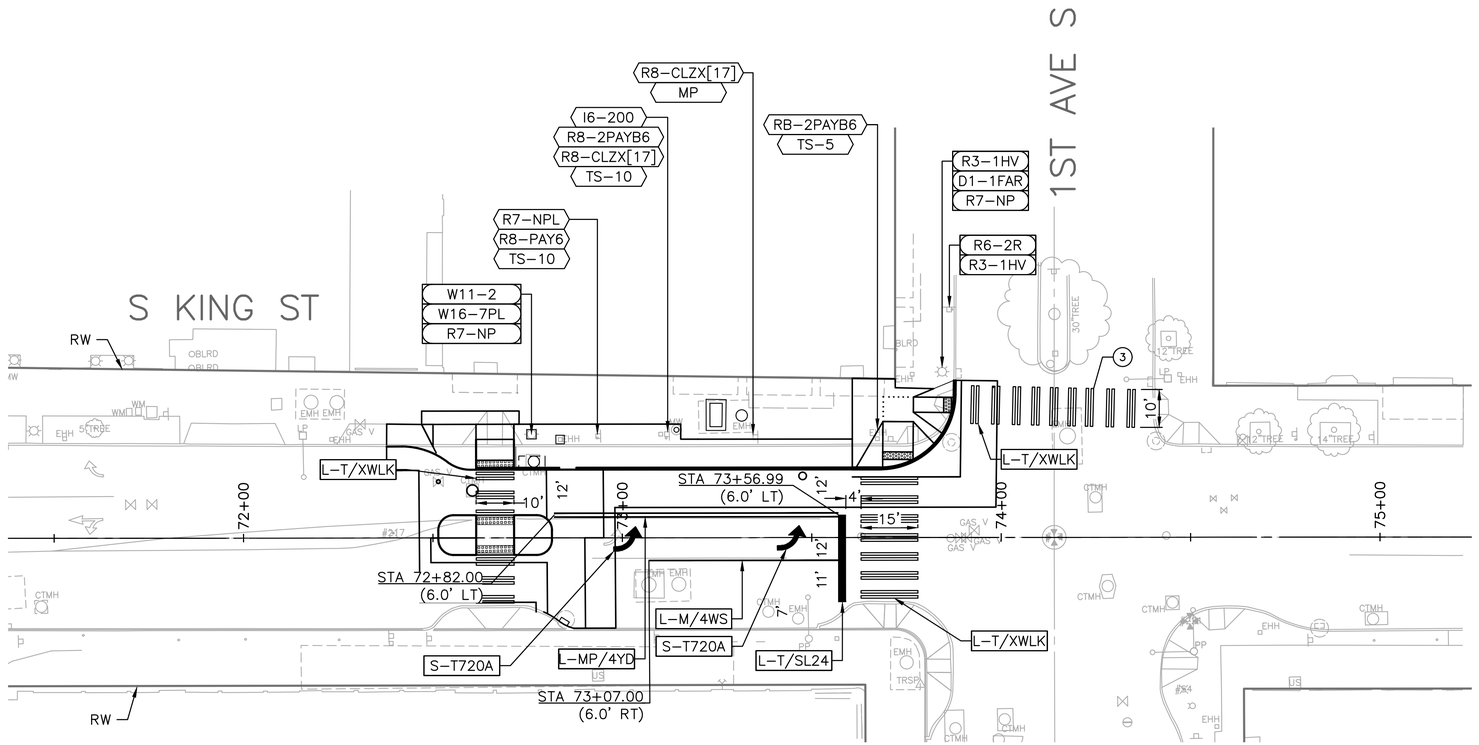
JANESSA MARIE MATO
STATE OF WASHINGTON
48151
REGISTERED
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO. 2021–061

SCALE: H. 1"=20', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449–S0100 CO
VPI # 792–293
PM07
SHEET 125 OF 198



VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38413						

X:\Seattle, City of\Projects\20180111 - Pioneer Square E - W Ped Improvements\CADD\Plan Sheets\PSEWS_P-KING CHAN.dwg
Jun-06-22 9:51am

FINAL CIRCULATION (100%)

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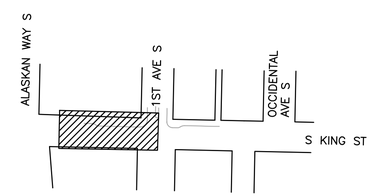
20 10 0 20 40
SCALE IN FEET



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ORDINANCE NO. PW NO. **2021-061**
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PIONEER SQUARE EAST-WEST STREETS

JOB PC **TRC0449-S0100** CO
VPI # 792-293
PM08
SHEET 126 OF 198

LEGEND

AREAWAY

WOOD DECK (1/UDD03) (2/UDD03)

DOWNTOWN LANDSCAPE FENCE PER SDOT DOWNTOWN DESIGN STANDARDS (3/UDD04)

WOOD KICKRAIL – SEE EG SHEETS FOR INTERPRETIVE ELEMENTS (2/UDD04)

Wxx WOOD PIER (1/UDD05) (3/UDD03)

BOLLARD, FIXED ALUMINUM (1/UDD07) (2/UDD07)

BOLLARD, FIXED ALUMINUM, SHALLOW FOOTING (3/UDD07)

BOLLARD, REMOVABLE ALUMINUM AT OCCIDENTAL, BRICK W OVER ROADWAY CEM CONC (4/UDD07)

BOLLARD, REMOVABLE ALUMINUM, PSQ DETECTABLE WARNING PLATES, SHALLOW FOOTING (5/UDD07)

BIKE RACK (1/UDD09)

#206

TREE PROTECTION ZONE B, (DRIPLINE) SEE DRAWING CDN02

TREE PROTECTION ZONE A, (CRITICAL ROOT ZONE)

EXISTING TREE TO REMAIN

TREE PROTECTION FENCE (SEE TVSPP FOR LOCATION)

TREE NUMBER

LANDSCAPE AREA. SEE LANDSCAPE SHEETS

GENERAL NOTES

1. SPOT ELEVATIONS WITH +/– DESIGNATE AN EXISTING CONDITION OR A LOCATION WHERE A PROPOSED ELEVATION MUST MATCH EXISTING.
2. TREE PROTECTION MEASURES MUST BE MAINTAINED AND UPGRADED FOR DIFFERENT PHASES OF WORK AS NOTED IN TVSPP, SPECIFICATIONS AND DRAWING CDN02. SEE DRAWING CDN02 AND SPECIFICATIONS.
3. SEE PG SHEETS FOR PAVING MATERIALS AND PGD DETAIL SHEETS FOR TRANSITIONS BETWEEN PAVING MATERIALS WHEN DETERMINING MOUNTING OF SITE FURNISHINGS.
4. DECK STATIONS AND ELEVATIONS SHOW SURFACE CONDITIONS.
5. MOUNTING OF KICKRAIL IS BASED ON PROPOSED SURFACE CONDITIONS SUCH AS PROPOSED FLUSH CURB, EXISTING AREAWAYS, EXISTING CURB, AND EXISTING GRANITE CURB. NO MOUNTING SHALL OCCUR IN GRANITE CURBS.

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URBAN DESIGN FURNISHING LEGEND AND NOTES

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 4426 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
UDN01
SHEET 127 OF 198

MARK	DATE	NATURE OF REVISIONS	MADE	CHK'D	REV'D

VAULT FORM NO. 3841.3

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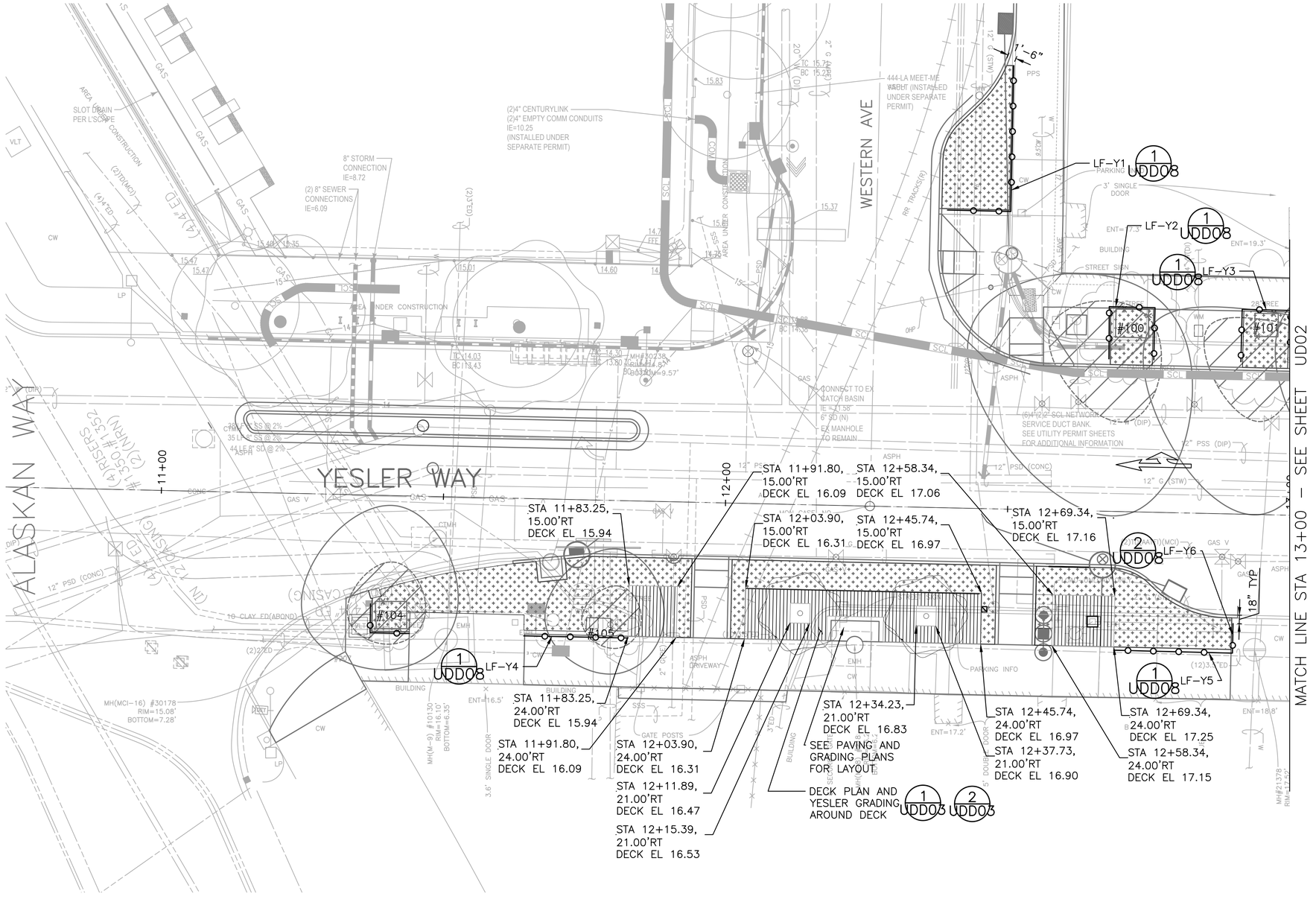

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FINAL CIRCULATION (100%)

YESLER WAY – URBAN DESIGN/FURNISHINGS PLAN

NO.	DATE	MARK	REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 38413

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INITIALS AND DATE	
DESIGNED AB, MW 6/3/2022	
CHECKED MD 6/3/2022	
DRAWN MW, CSH 6/3/2022	
CHECKED AB 6/3/2022	

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0–02.3 OF THE PROJECT MANUAL.

INITIALS AND DATE	
REVIEWED: DES.	CONST.
SDOT	PROJ. MGR.
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REVISED AS BUILT	

STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 22828 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021–061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB: PC JOB PC; CO JOB CO
VPI # 792–293
UD01
SHEET 128 OF 198

Z:\Shared\seattle – pioneer\1_projects\15100s\15149 pioneer square east west streets\CAD\current\01 Yesler Street\124 UD01.dwg
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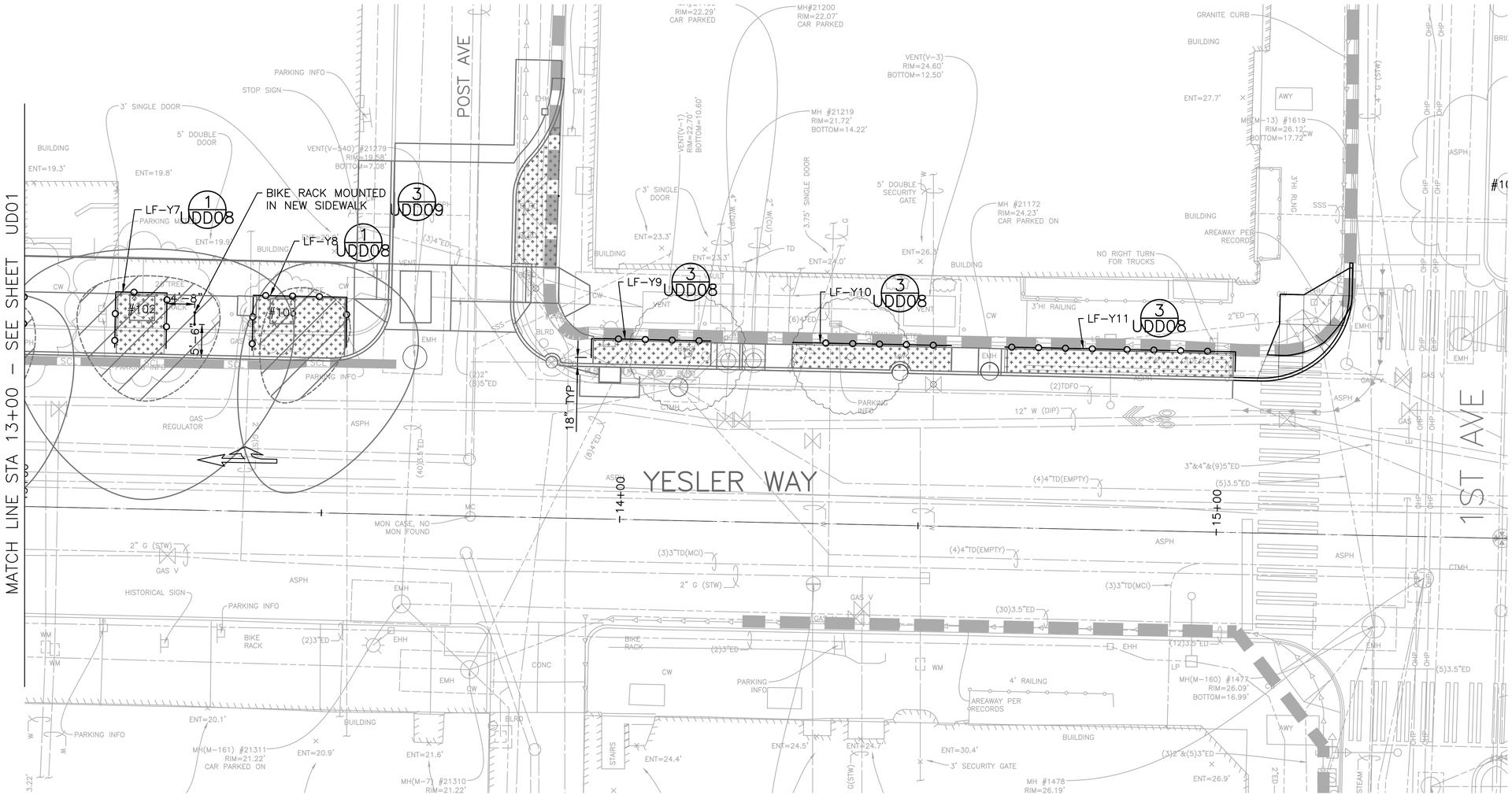

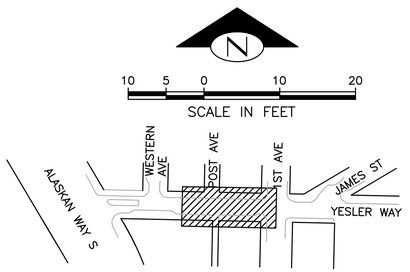

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INITIALS AND DATE	INITIALS AND DATE
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CHECKED MD 6/3/2022	DES. CONST.
	SDOT PROJ. MGR.
DRAWN MW, CSH 6/3/2022	RECEIVED
CHECKED AB 6/3/2022	REVISED AS BUILT

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 4628 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . .
####
PW NO. 2021-061
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB	PC JOB PC
	CO JOB CO
VPI #	792-293
	UD02
SHEET	129 OF 198

MARK	DATE	REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 3813

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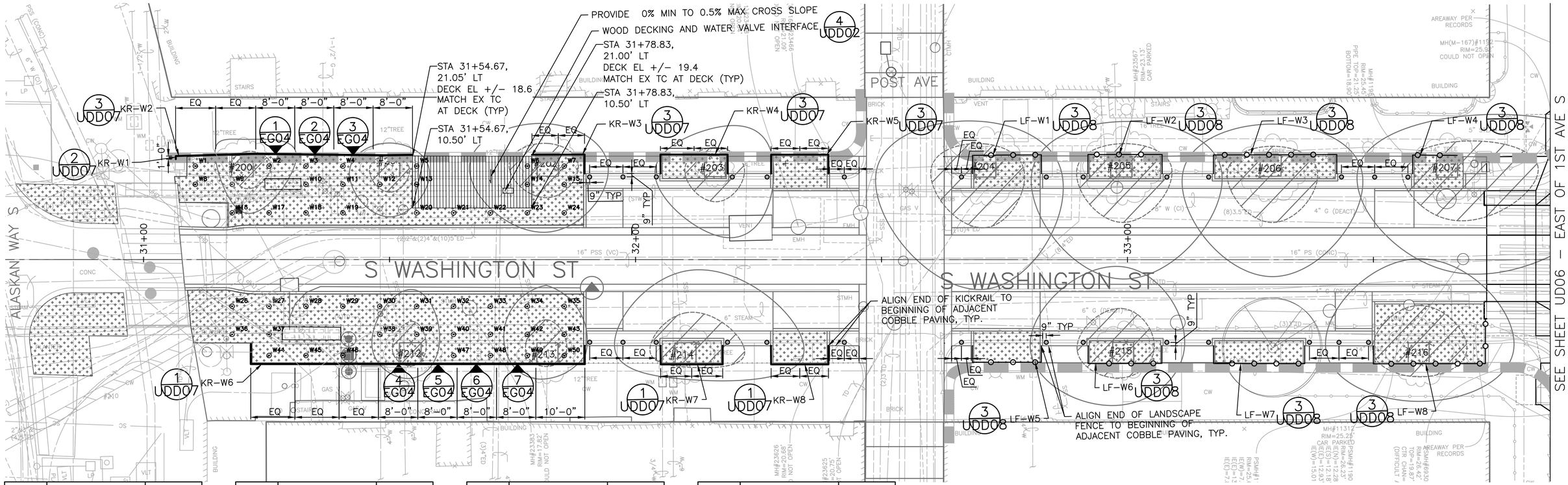
Jun-09-22 2:43pm



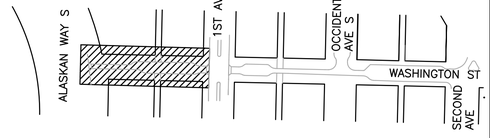
PIER #	STATION	OFFSET
W1	31+10.50	19.00' LT
W2	31+25.50	19.00' LT
W3	NOT USED	
W4	31+40.50	19.00' LT
W5	PER DECK DETAIL 1/UDD03	19.00' LT
W6	PER DECK DETAIL 1/UDD03	19.00' LT
W7	31+85.50	19.00' LT
W8	31+10.50	15.28' LT
W9	31+18.00	15.28' LT
W10	31+33.00	15.28' LT
W11	31+40.50	15.28' LT
W12	31+48.00	15.28' LT
W13	PER DECK DETAIL 1/UDD03	15.28' LT

PIER #	STATION	OFFSET
W14	PER DECK DETAIL 1/UDD03	15.28' LT
W15	31+85.50	15.28' LT
W16	31+18.00	9.50' LT
W17	31+25.50	9.50' LT
W18	31+33.0	9.50' LT
W19	31+40.50	9.50' LT
W20	31+55.50	9.50' LT
W21	31+63.00	9.50' RT
W22	31+70.50	9.50' RT
W23	31+78.00	9.50' RT
W24	31+85.50	9.50' RT
W25	NOT USED	
W26	31+18.00	9.50' RT

PIER #	STATION	OFFSET
W27	31+25.50	9.50' RT
W28	31+33.00	9.50' RT
W29	31+40.50	9.50' RT
W30	31+48.00	9.50' RT
W31	31+55.5	9.50' RT
W32	31+63.00	9.50' RT
W33	31+70.5	9.50' RT
W34	31+78.00	9.50' RT
W35	31+85.50	9.50' RT
W36	31+18.00	15.20' RT
W37	31+25.50	15.20' RT
W38	31+48.00	15.20' RT
W39	31+55.50	15.20' RT

PIER #	STATION	OFFSET
W40	31+63.00	15.20' RT
W41	31+70.50	15.20' RT
W42	31+78.00	15.20' RT
W43	31+85.50	15.20' RT
W44	31+25.50	19.50' RT
W45	31+33.00	19.50' RT
W46	31+40.50	19.50' RT
W47	31+63.00	19.50' RT
W48	31+70.50	19.50' RT
W49	31+78.00	19.50' RT
W50	31+85.50	19.50' RT

SCALE IN FEET



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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 4428 · EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

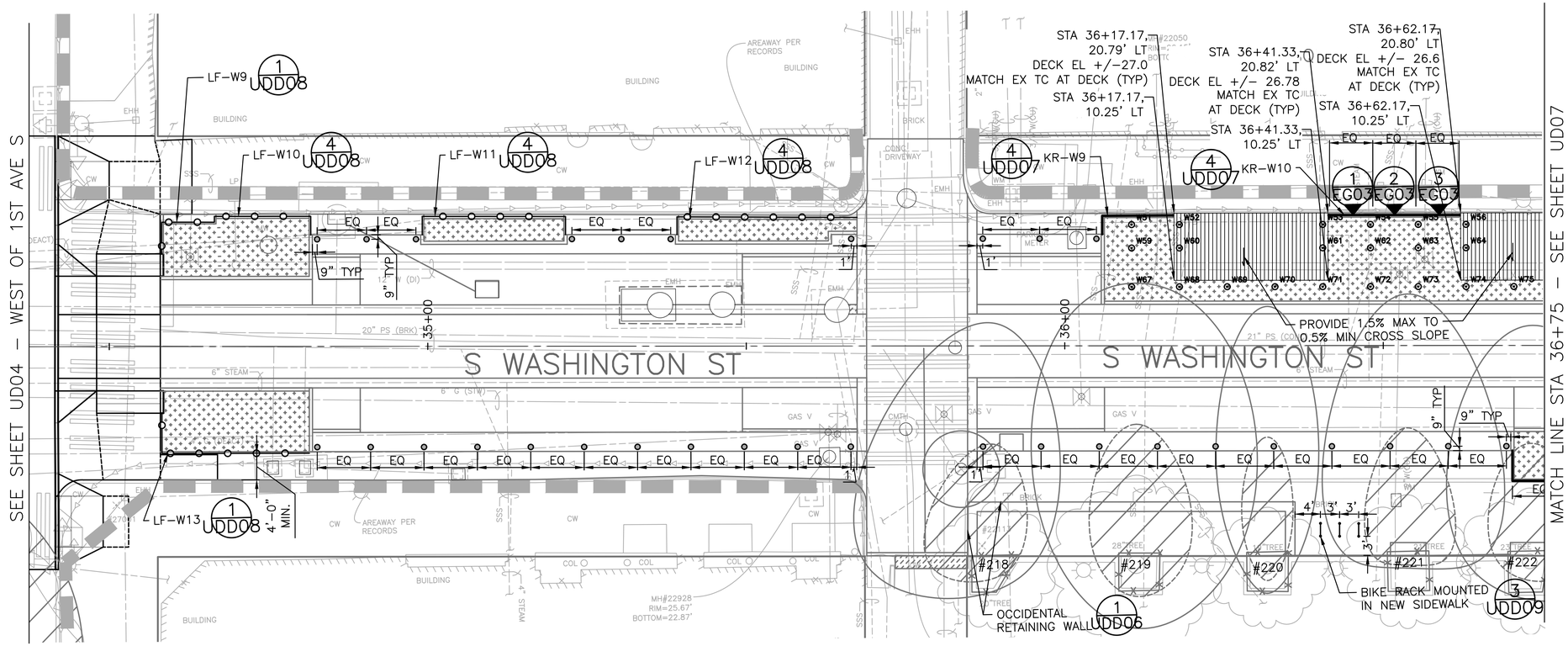
PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
UD04
SHEET 130 OF 198

MARK	DATE	NATURE OF REVISIONS	MADE / CHK'D

VAULT SERIAL NO. 38413

Z:\Shared\seattle - pioneer\1_projects\15100s\15149 pioneer square east west streets\CAD\Current\02 Washington Street\126 UD04.dwg
Jun-09-22 2:44pm



PIER #	STATION	OFFSET
W51	36+10.50	19.00' LT
W52	PER DECK DETAIL 1/UDD03	19.00' LT
W53	PER DECK DETAIL 1/UDD03	19.00' LT
W54	36+48.00	19.00' LT
W55	36+55.50	19.00' LT
W56	PER DECK DETAIL 1/UDD03	19.00' LT
W59	36+10.50	15.33' LT
W60	PER DECK DETAIL 1/UDD03	15.33' RT
W61	PER DECK DETAIL 1/UDD03	15.33' RT

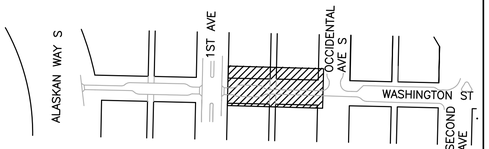
PIER #	STATION	OFFSET
W62	36+48.00	15.33' RT
W63	36+55.50	15.33' LT
W64	PER DECK DETAIL 1/UDD03	15.33' LT
W67	36+10.50	9.25' LT
W68	36+18.00	9.25' LT
W69	36+25.50	9.25' LT
W70	36+33.00	9.25' LT
W71	36+40.50	9.25' LT
W72	36+48.00	9.25' LT

PIER #	STATION	OFFSET
W73	36+55.50	9.25' LT
W74	36+63.00	9.25' LT
W75	36+70.50	9.25' LT

N

10 5 0 10 20

SCALE IN FEET



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DRAWN	MW, CSH 6/3/2022	RECEIVED	
CHECKED	AB 6/3/2022	REVISED AS BUILT	

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

STATE OF WASHINGTON · AMANDA J. BAILEY · No. 4428 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
UD06
SHEET 131 OF 198

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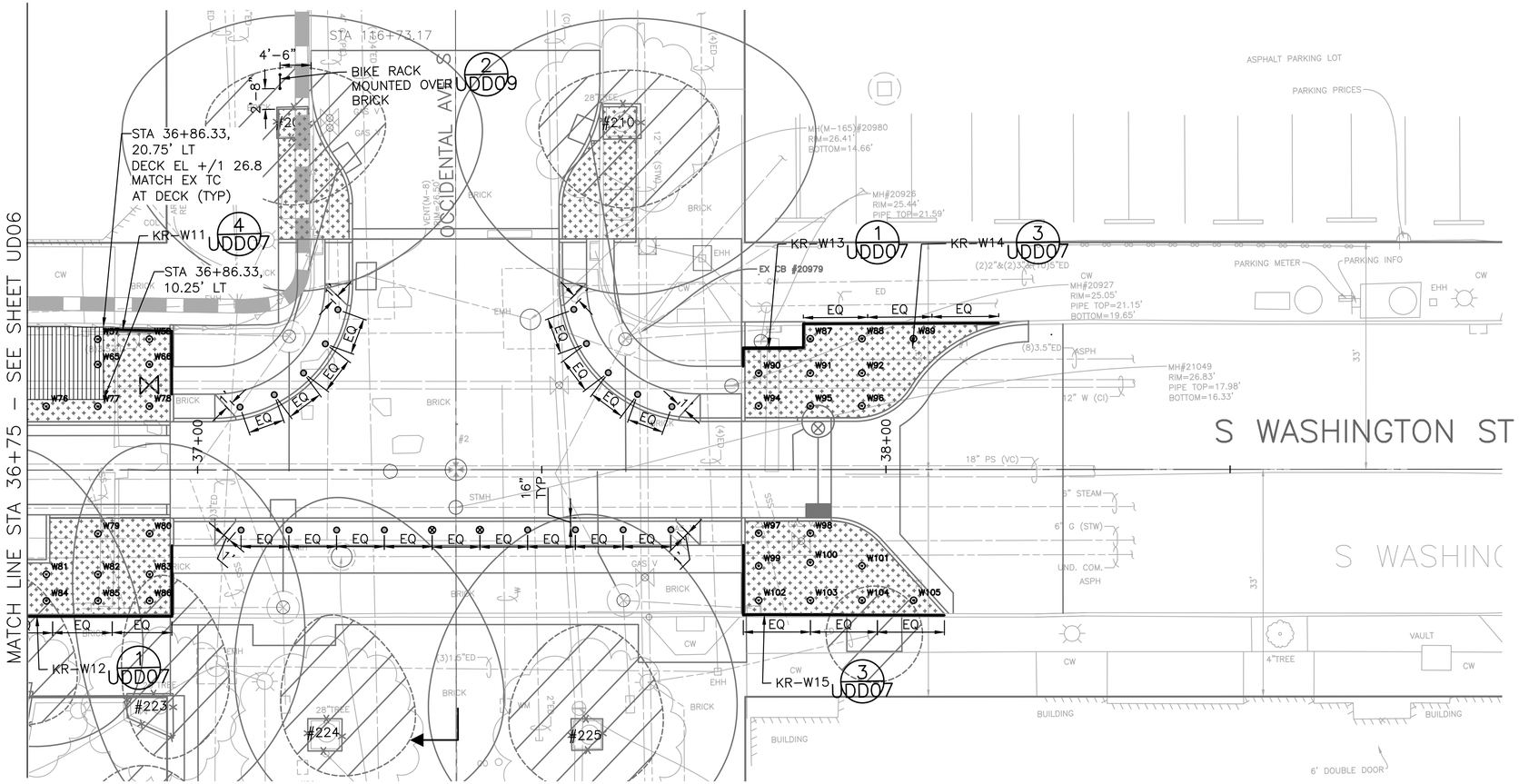
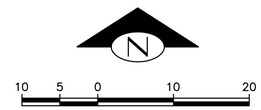


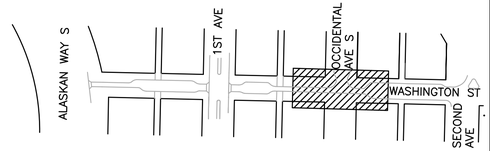
PIER #	STATION	OFFSET
W57	PER DECK DETAIL 1/UDD03	19.00' LT
W58	36+93.00	19.00' LT
W65	PER DECK DETAIL 1/UDD03	15.33' LT
W66	36+93.00	15.33' LT
W76	36+78.00	9.25' LT
W77	36+85.50	9.25' LT
W78	36+93.00	9.25' LT
W79	36+85.50	9.25' RT
W80	36+93.00	9.25' RT

PIER #	STATION	OFFSET
W81	36+78.00	15.16' RT
W82	36+85.50	15.16' RT
W83	36+93.00	15.16' RT
W84	36+78.00	19.00' RT
W85	36+85.50	19.00' RT
W86	36+93.00	19.00' RT
W87	37+89.00	19.00' LT
W88	37+96.50	19.00' LT
W89	38+04.00	19.00' LT
W90	36+81.50	14.00' LT

PIER #	STATION	OFFSET
W91	37+89.00	14.00' LT
W92	37+96.50	14.00' LT
W94	37+81.50	9.25' LT
W95	37+89.00	9.25' LT
W96	37+96.50	9.25' LT
W97	37+81.50	9.25' RT
W98	37+89.00	9.25' RT
W99	37+81.50	14.00' RT
W100	37+89.00	14.00' RT
W101	37+96.50	14.00' RT

PIER #	STATION	OFFSET
W102	37+81.50	19.00'RT
W103	37+89.00	19.00
W104	37+96.50	19.00
W105	38+04.00	19.00





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INITIALS AND DATE		INITIALS AND DATE	
DESIGNED	AB, MW 6/3/2022	REVIEWED:	
CHECKED	MD 6/3/2022	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN	MW, CSH 6/3/2022	RECEIVED	
CHECKED	AB 6/3/2022	REVISED AS BUILT	

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 2428 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
UD07
SHEET 132 OF 198

MARK	DATE	REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 38413

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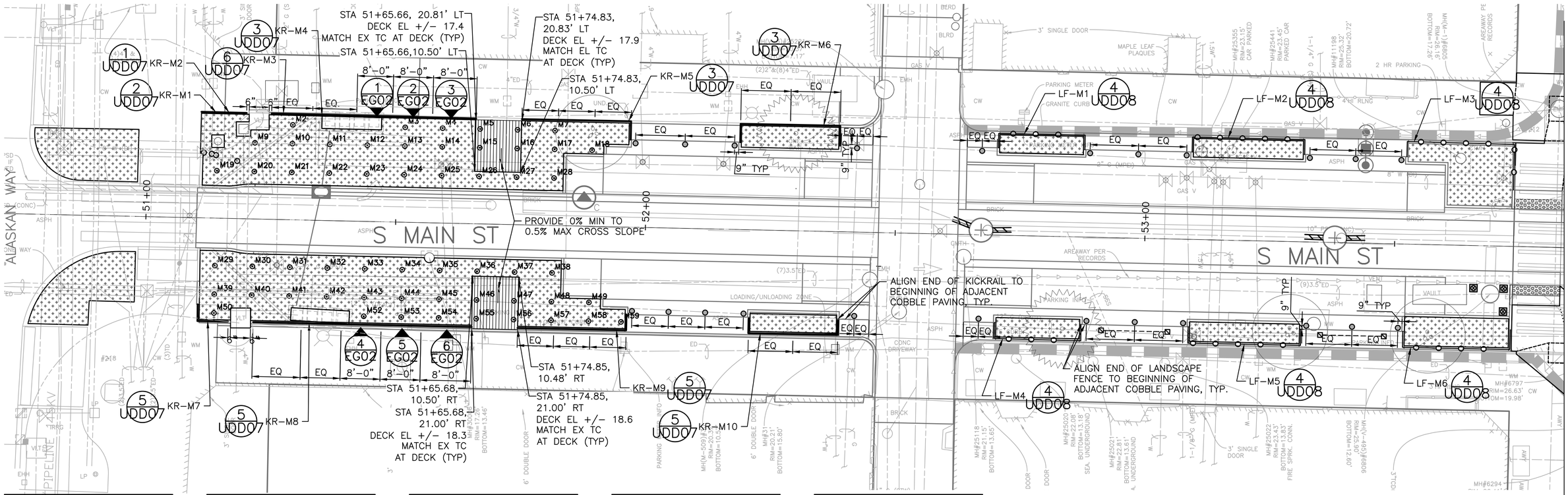
Jun-09-22 2:45pm



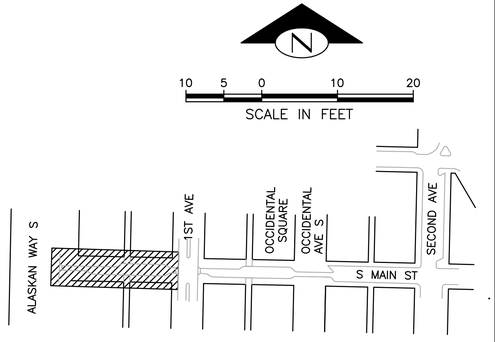
PIER #	STATION	OFFSET
M1	NOT USED	
M2	51+29.00	19.00' LT
M3	51+51.50	19.00' LT
M4	51+59.00	19.00' LT
M5	PER DECK DETAIL 1/UDD03	19.00' LT
M6	PER DECK DETAIL 1/UDD03	19.00' LT
M7	51+81.50	19.00' LT
M8	NOT USED	
M9	51+21.50	15.25' LT
M10	51+29.00	15.25' LT
M11	51+36.50	15.25' LT
M12	51+44.00	15.25' LT

PIER #	STATION	OFFSET
M13	51+51.50	15.25' LT
M14	51+59.00	15.25' LT
M15	PER DECK DETAIL 1/UDD03	15.25' LT
M16	PER DECK DETAIL 1/UDD03	15.25' LT
M17	51+81.50	15.25' LT
M18	51+89.00	15.25' LT
M19	51+14.00	9.50' LT
M20	51+21.50	9.50' LT
M21	51+29.00	9.50' LT
M22	51+36.50	9.50' LT
M23	51+44.00	9.50' LT
M24	51+51.50	9.50' LT

PIER #	STATION	OFFSET
M25	51+59.00	9.50' LT
M26	51+66.50	9.50' LT
M27	51+74.00	9.50' LT
M28	51+81.50	9.50' LT
M29	51+14.00	9.50' RT
M30	51+21.50	9.50' RT
M31	51+29.00	9.50' RT
M32	51+36.50	9.50' RT
M33	51+44.00	9.50' RT
M34	51+51.50	9.50' RT
M35	51+59.00	9.50' RT
M36	51+66.50	9.50' RT
M37	51+74.00	9.50' RT

PIER #	STATION	OFFSET
M38	51+81.50	9.50' RT
M39	51+14.00	15.25' RT
M40	51+21.50	15.25' RT
M41	51+29.00	15.25' RT
M42	51+36.50	15.25' RT
M43	51+44.00	15.25' RT
M44	51+51.50	15.25' RT
M45	51+59.00	15.25' RT
M46	PER DECK DETAIL 1/UDD03	15.25' RT
M47	PER DECK DETAIL 1/UDD03	15.25' RT
M48	51+81.50	15.25' RT
M49	51+89.00	15.25' RT

PIER #	STATION	OFFSET
M50	51+14.00	19.00' RT
M51	NOT USED	
M52	51+44.00	19.00' RT
M53	51+51.50	19.00' RT
M54	51+59.00	19.00' RT
M55	PER DECK DETAIL 1/UDD03	19.00' RT
M56	PER DECK DETAIL 1/UDD03	19.00' RT
M57	51+81.50	19.00' RT
M58	51+89.00	19.00' RT
M59	51+96.50	19.00' RT



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CHECKED MD 6/3/2022	
DRAWN MW, CSH 6/3/2022	
CHECKED AB 6/3/2022	

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DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
REVISED AS BUILT	

STATE OF WASHINGTON · AMANDA J. BAILEY · 21428 · EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
UD08
SHEET 133 OF 198

NATURE OF REVISIONS	MADE	CHK'D	REV'D

MAINT. SERIAL NO. 38413

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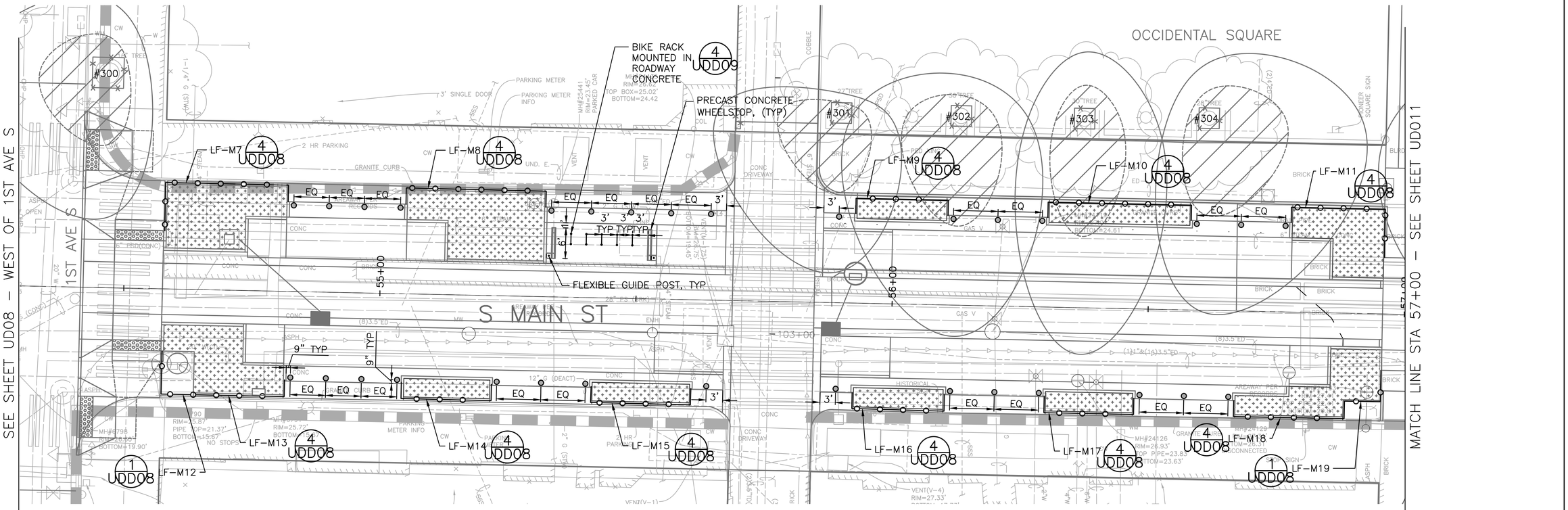
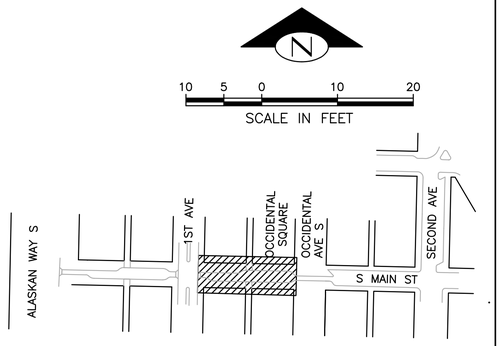
Jun-09-22 2:46pm





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DESIGNED	AB, MW 6/3/2022	REVIEWED:	
CHECKED	MD 6/3/2022	DES.	CONST.
		SDOT	PROJ. MGR.
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STATE OF WASHINGTON · AMANDA J. BAILEY · 21826 · LANDSCAPE ARCHITECT · EXP. 7/3/2023

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
UD10
SHEET 134 OF 198

Z:\Shared\seattle - pioneer\1_projects\15100s\15149 pioneer square east west streets\CAD\Current\03 Main Street\130 UD10.dwg
Jun-09-22 2:47pm

MATCH LINE STA 57+00 – SEE SHEET UD010

57+00

OCCIDENTAL AVE S

S MAIN ST

58+00

59+00

33'

33'

#305 #306 #307 #308

5 UDD08 LF–M20

5 UDD08 LF–M21

5 UDD08 LF–M22

4 UDD08 LF–M23

4'–8"

STOP SIGN

3 MIN LOADING ZONE

30 MIN PARKING

3 MIN PARKING 4"TREE

30 MIN LOADING ZONE

2" G (STW)

6" STEAM

6" PSD(CONC)

TROLLEY RAILS

28" PS (BRK)

20" W(CI)

(8)3.5"ED

12" G (STW)

AREAWAY PER RECORDS

PARKING INFO

GRANITE CURB

6.2' DOUBLE DOOR

MH#23933 RIM=28.19' BOTTOM=23.19'

MH#23839 RIM=27.85' TOP BOX=26.71' BRICK BOTTOM=25.93'

MH#23846 RIM=28.02' CAUTION DO NOT OPEN VERY HOT TO TOUCH

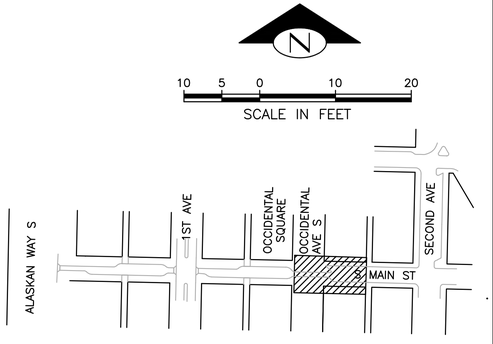
MH(M-174)#24097 RIM=28.08' WATER=19.08'

MH#24098 RIM=27.88' TOP PIPE=23.08' BOTTOM=21.88'

MH#24210 RIM=28.05' TOP PIPE=23.55' BOTTOM=22.35'

3" STEAM

EQ



SCALE IN FEET

10 5 0 10 20

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MARK	DATE	NATURE REVISIONS	MADE CHK'D	REV'D

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CHECKED	AB 6/3/2022	RECEIVED	
		REVISED AS BUILT	

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Seattle Department of Transportation

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PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
UD11
SHEET 135 OF 198

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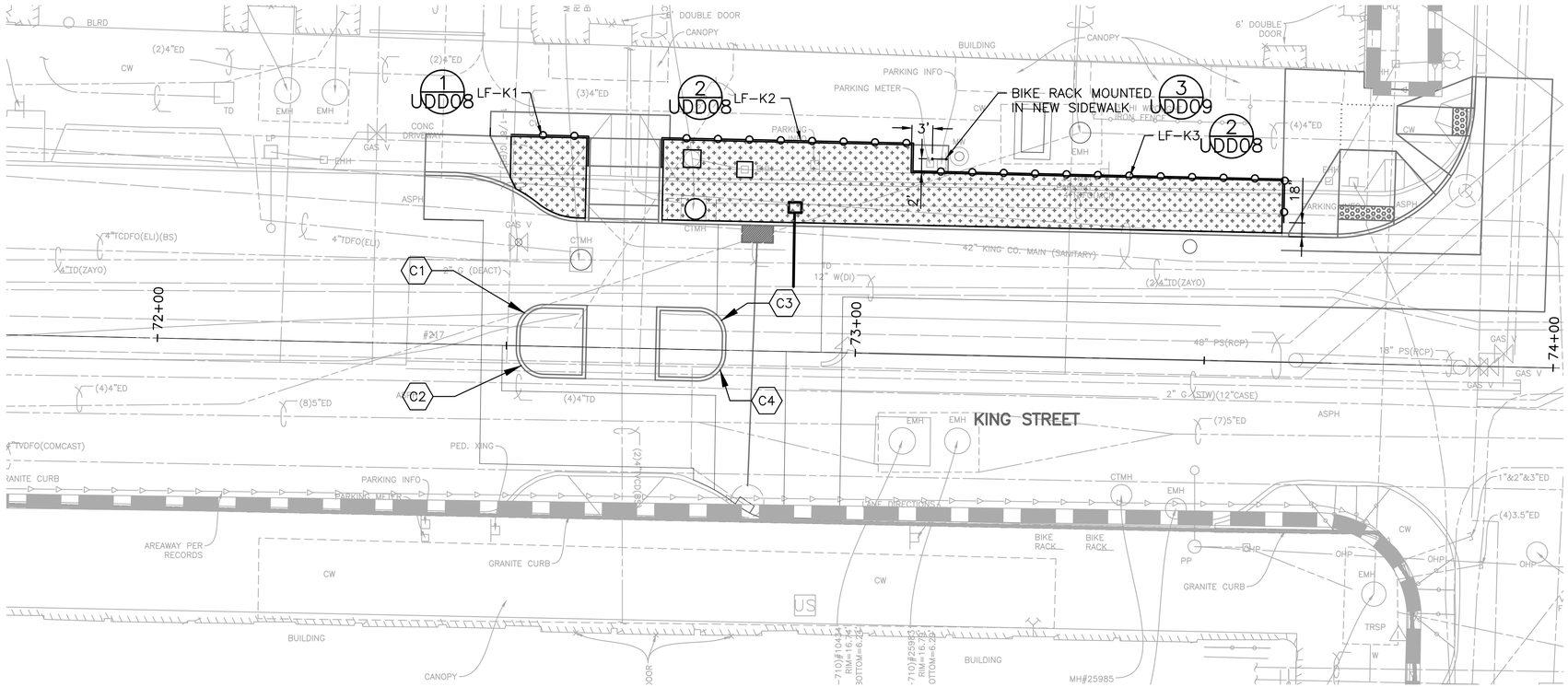

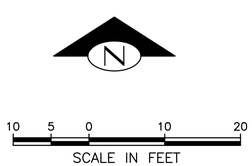

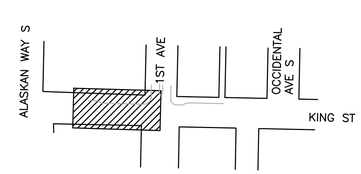

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CHECKED AB 6/3/2022	

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REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.
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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 14728 EXP. 7/31/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. .
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PW NO. 2021-061
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
UD12
SHEET 136 OF 198

VAULT	SERIAL NO.	DATE	MARK	NATURE OF REVISIONS
	38413			

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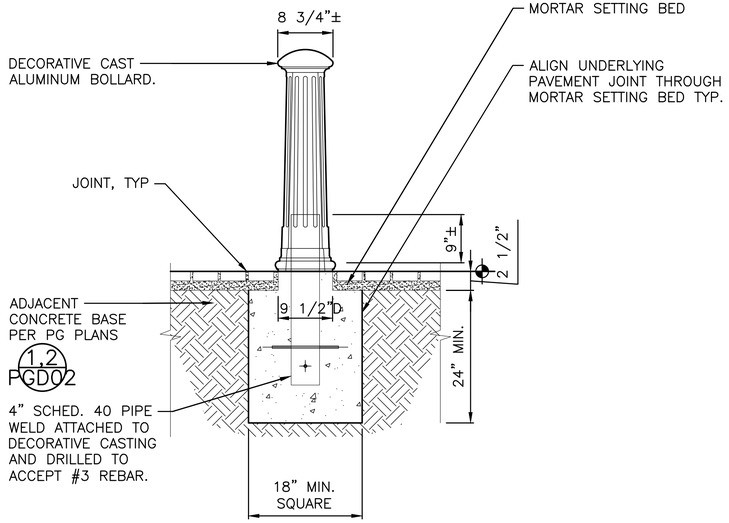
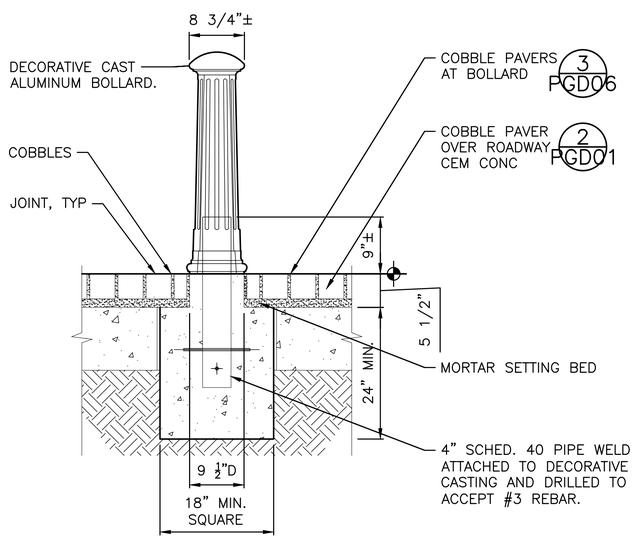
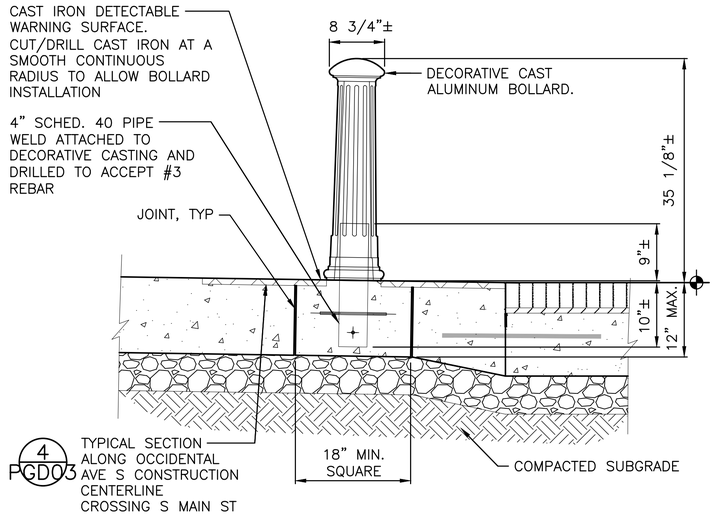


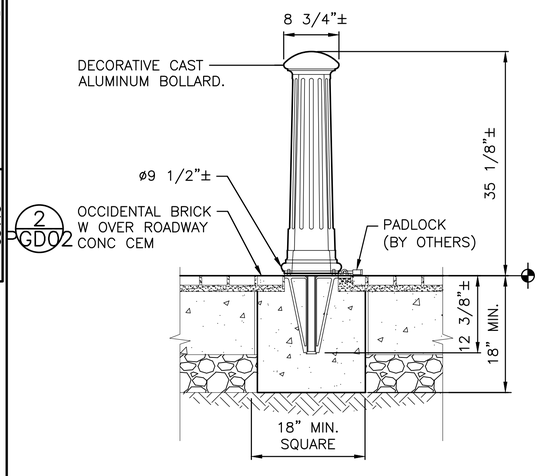
BOLLARD, FIXED ALUMINUM AT OCCIDENTAL BRICK W
NTS
1 UD07



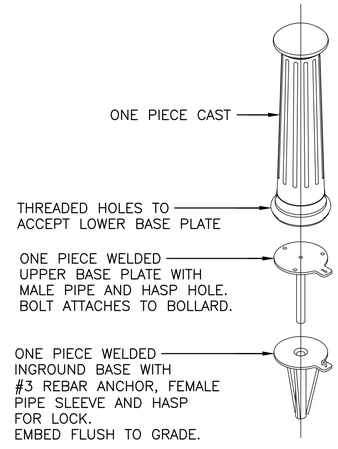
BOLLARD, FIXED ALUMINUM AT COBBLE PAVER
NTS
2 VARIES

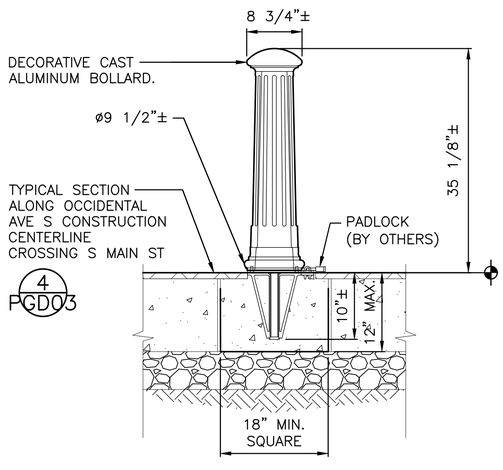


BOLLARD, FIXED ALUMINUM AT PSQ DETECTABLE WARNING PLATES SHALLOW FOOTING
NTS
3 UD11

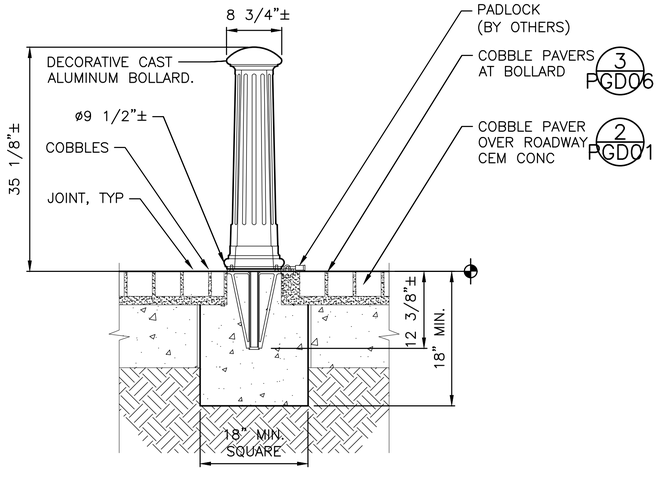


BOLLARD, REMOVABLE ALUMINUM AT OCCIDENTAL, BRICK W OVER ROADWAY CEM CONC
NTS
4 UD07





BOLLARD, REMOVABLE ALUMINUM AT OCCIDENTAL, PSQ DETECTABLE WARNING PLATES SHALLOW FOOTING
NTS
5 UD11



BOLLARD, REMOVABLE ALUMINUM AT COBBLE PAVER
NTS
6 UD11

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BY: ____
PURCHASING AND CONTRACTING DIRECTOR

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 4928 EXP 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB: PC JOB PC; CO JOB CO
VPI # 792-293
UDD01
SHEET 137 OF 198

MARK	DATE	REVISIONS

MAULT SERVICE NO. 38413

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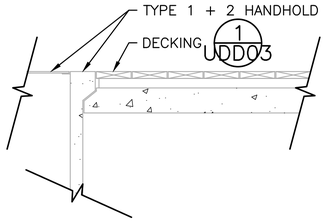
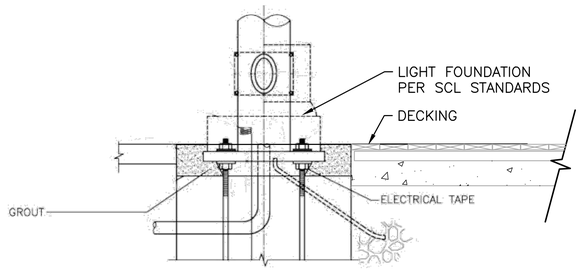
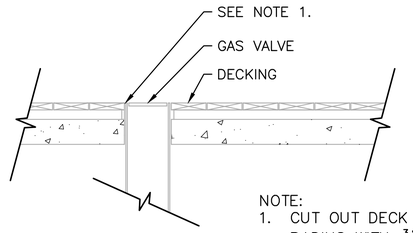


WOOD DECKING AND TYPE 1 + 2 HANDHOLD INTERFACE
NTS
1 PG01

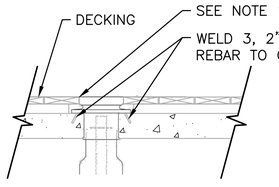


WOOD DECKING AND THREE–GLOBE LIGHT FOUNDATION INTERFACE
NTS
2 PG01



NOTE:
1. CUT OUT DECK BOARDS ON RADIUS WITH 3/16" GAP AT TRANSITION BETWEEN DECK AND VALVE INTERFACE.

WOOD DECKING AND GAS VALVE INTERFACE
NTS
3 PG01



NOTE:
1. CUT OUT DECK BOARDS ON RADIUS WITH 3/16" GAP AT TRANSITION BETWEEN DECK AND VALVE INTERFACE.

WOOD DECKING AND WATER VALVE INTERFACE
NTS
4 UD04

NOT USED
NTS
5 –

NOT USED
NTS
6 –

NOT USED
NTS
7 –

NOT USED
NTS
8 –

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NTS
9 –

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 4428 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE
EAST–WEST STREETS

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UDD02
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VAULT FORM NO. 3841.3 | DATE | MARK | NATURE OF REVISIONS | MADE | CHK'D | REV'D

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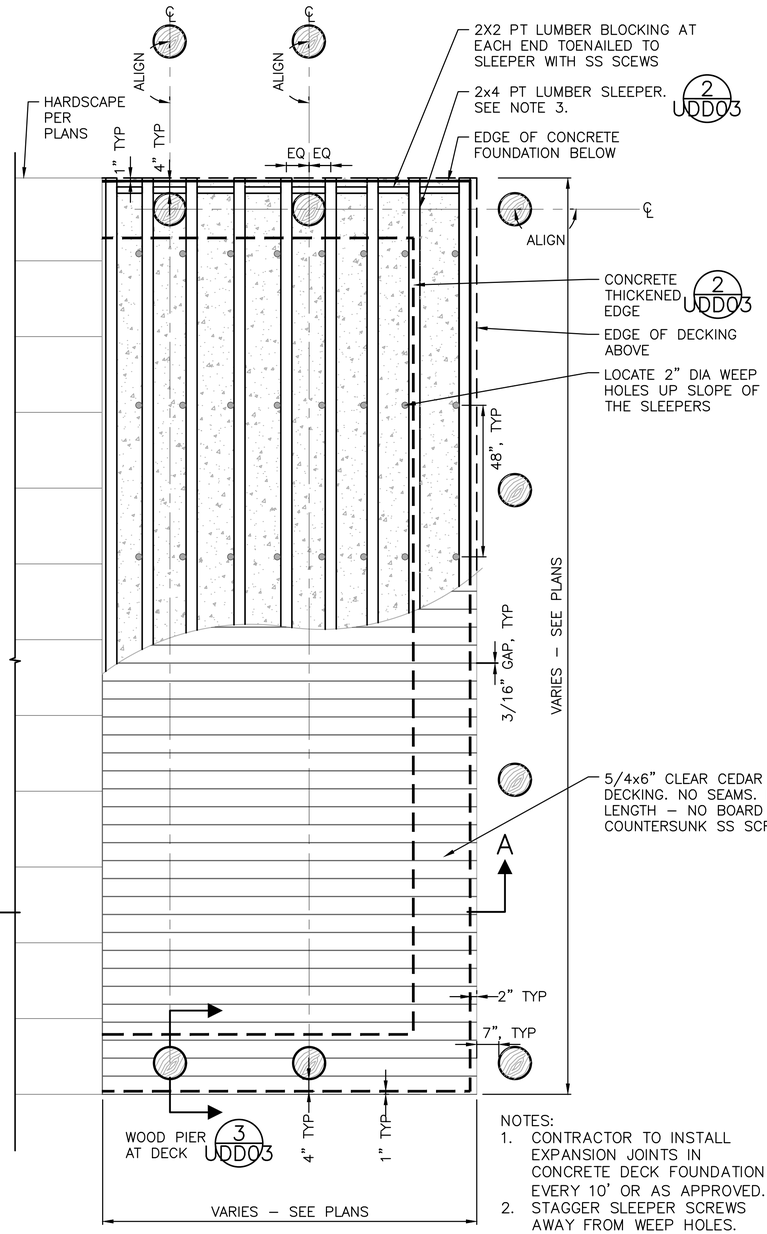
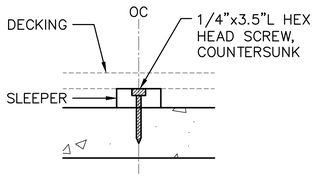
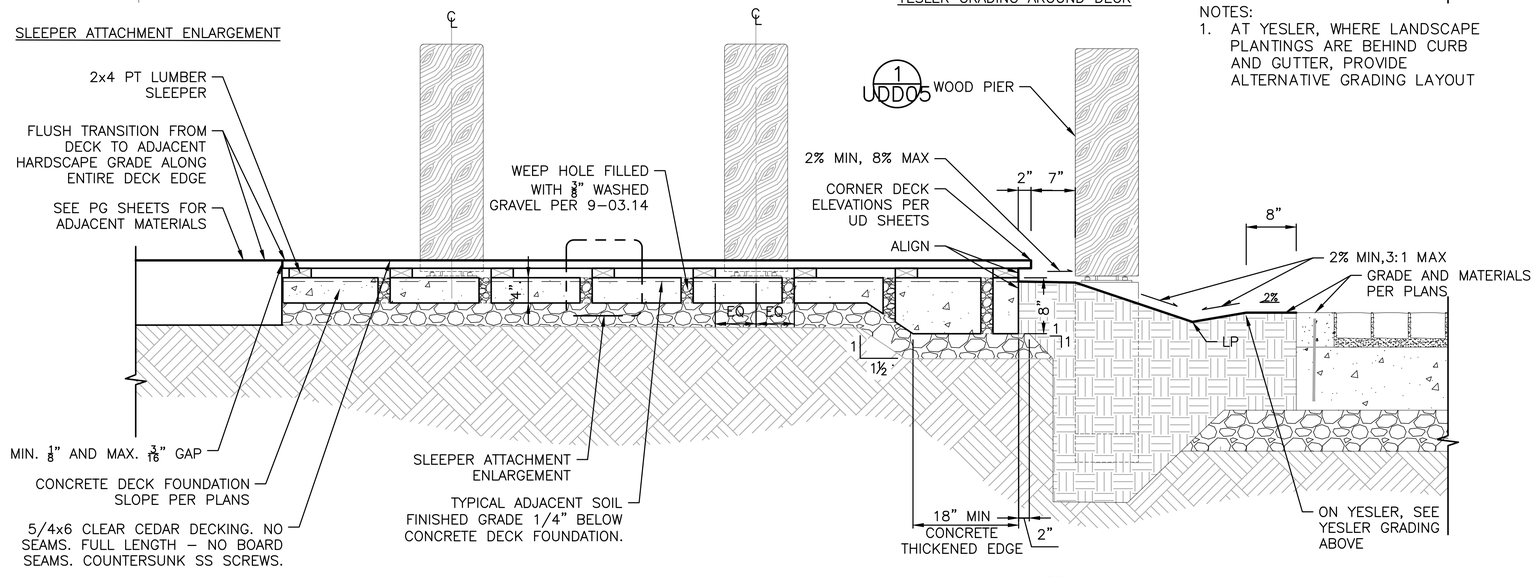


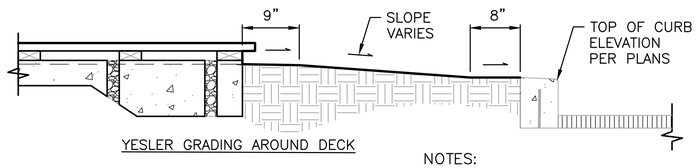
NOTES:
1. CONTRACTOR TO INSTALL EXPANSION JOINTS IN CONCRETE DECK FOUNDATION EVERY 10' OR AS APPROVED.
2. STAGGER SLEEPER SCREWS AWAY FROM WEEP HOLES.
3. TYP SPACING 16" OC. WHERE ACCOMMODATING PIER LOCATIONS, SLEEPERS MAY BE SPACED CLOSER BUT NOT TO EXCEED 16". ANCHOR TO CONCRETE WITH COUNTERSUNK HEX BOLT AT 24" OC

DECK PLAN 1 — NTS — VARIES



SLEEPER ATTACHMENT ENLARGEMENT

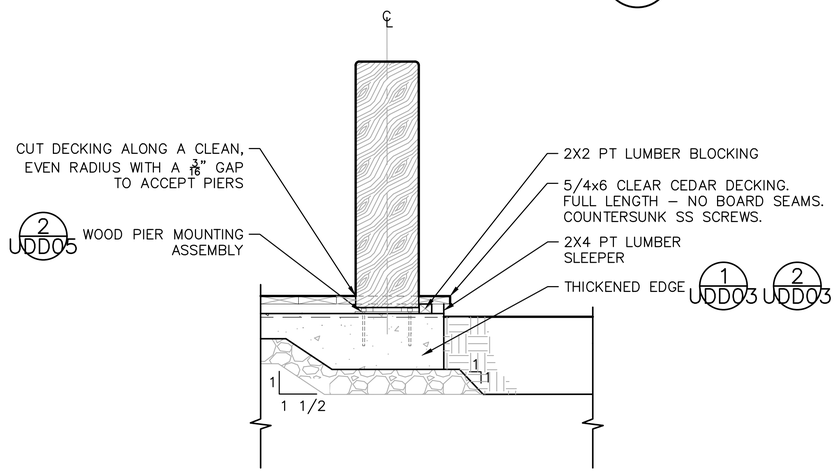




YESLER GRADING AROUND DECK

NOTES:
1. AT YESLER, WHERE LANDSCAPE PLANTINGS ARE BEHIND CURB AND GUTTER, PROVIDE ALTERNATIVE GRADING LAYOUT

SECTION AA – TYPICAL DECK DETAIL 2 — NTS — VARIES



WOOD PIER AT DECK 3 — NTS — VARIES

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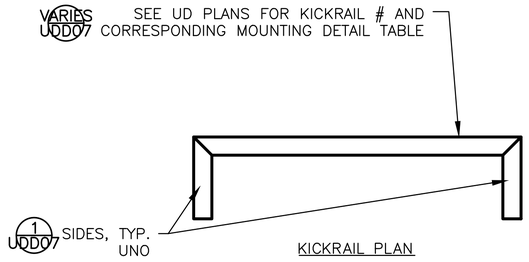
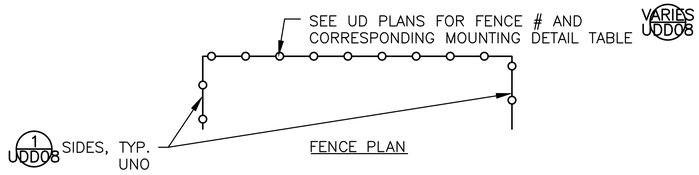
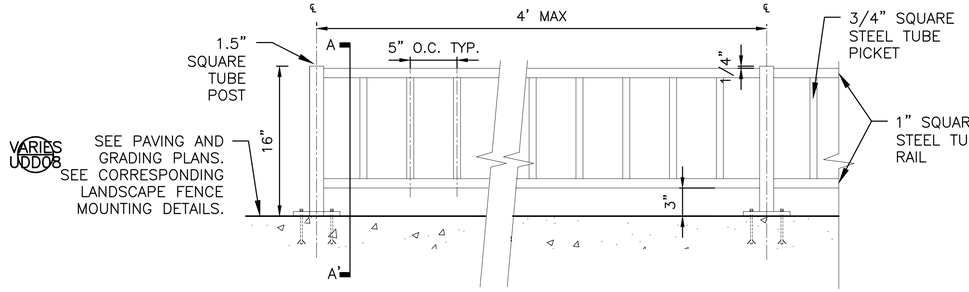
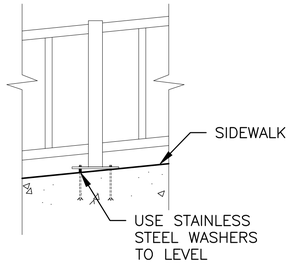


KICKRAIL PLAN

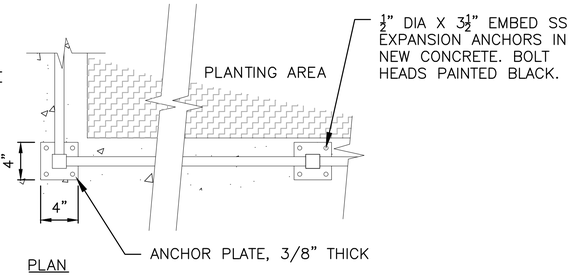


FENCE PLAN





SLOPE CONDITION



PLAN

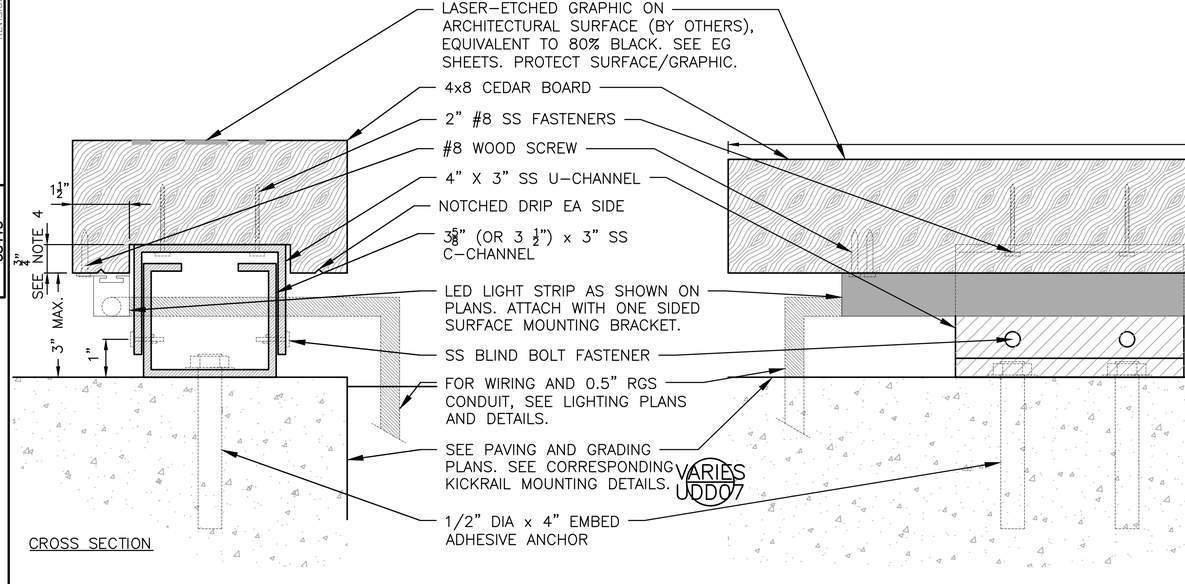
NOTES:
1. ALL STEEL CONNECTION TO BE WELDED UNLESS NOTED OTHERWISE.
2. ALL WELDS TO BE CONTINUOUS AND GROUND SMOOTH LEAVING NO SHARP EDGES.
3. ALL FENCE COMPONENTS SHOULD BE POWER COATED BLACK MATTE FINISH, UNLESS OTHERWISE NOTED.
4. FENCE RAILS SHALL FOLLOW ADJACENT SIDEWALK GRADE. POSTS AND PICKETS SHALL REMAIN VERTICAL AND PLUMB. USE STAINLESS STEEL WASHER TO LEVEL.

TYPICAL WOOD KICKRAIL AND LANDSCAPE FENCE LAYOUT

NTS 1 VARIES

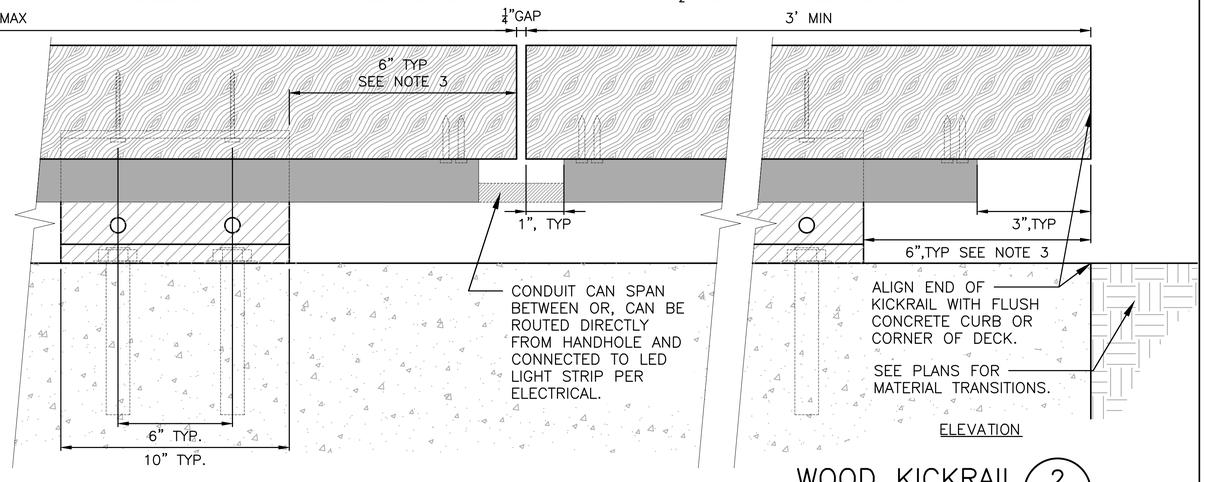
LANDSCAPE FENCE

NTS 3 VARIES



CROSS SECTION

NOTES:
1. CEDAR KICKRAIL BOARD TO BE ONE CONTINUOUS PIECE OF LUMBER, UP TO 10' SEGMENT LENGTHS, OR AS SHOWN ON PLANS. CORNERS AND ENDS OF KICKRAIL SHALL BE FLUSH. SHORTER SEGMENTS SHOWN ON PLANS SHALL NOT HAVE SEAMS.
2. ALL ABUTTING CEDAR BOARD CORNERS SHALL BE MITER CUTS.
3. U- AND C-CHANNEL ASSEMBLY 6" FROM EACH END OF BOARD AND AT CENTERPOINT OF BOARD IF BOARD LENGTH EXCEEDS 6'.
4. EMBEDMENT NOTCH FOR CHANNEL ASSEMBLY TO EXTEND NO MORE THAT 1/2" BEYOND CHANNEL ASSEMBLY.



ELEVATION

WOOD KICKRAIL

NTS 2 VARIES

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 4938 EXP 7/3/2023 · LANDSCAPE ARCHITECT

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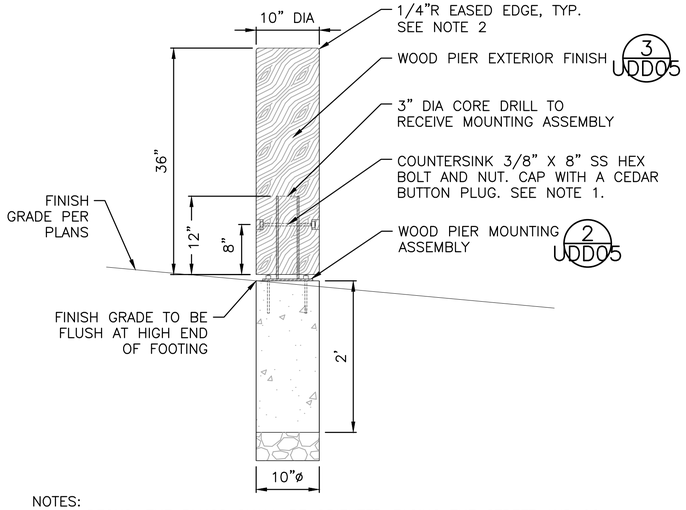
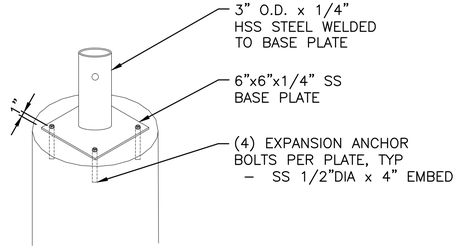


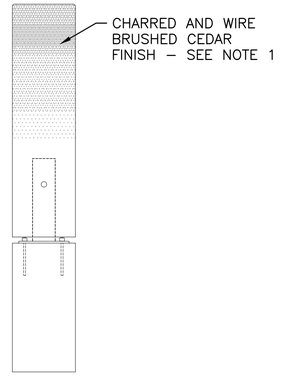
NOTES:
1. AT DECKS, THE PLUGS SHALL BE ORIENTED FACING THE STREET AND 90 DEGREES OUTBOARD TO BE LEAST VISIBLE FROM THE DECK. ALL OTHER PIER PLUGS IN THE LANDSCAPE SHALL FACE THE STREET AND 90 DEGREES IN EITHER DIRECTION. SAND BUTTON PLUGS SO THEY ARE FLUSH WITH ADJACENT PIER SURFACE.
2. SLOPE TOP OF PIER FROM CENTER FOR DRAINAGE AT 1/8-INCH OVER 1-FOOT.

WOOD PIER 1
NTS VARIES



MOUNTING ASSEMBLY

WOOD PIER MOUNTING ASSEMBLY 2
NTS VARIES



THE FINISH ON THE PIERS WILL GRADATE FROM A DARKENED BURN ON THE TOP TO UNBLEMISHED, UNBURNT WOOD BELOW.

NOTES:
1. CONTRACTOR SHALL PRODUCE A MOCKUP OF THE BURNING PATTERN USING A 10" DIA X 36"L PIER. PATTERN HEIGHTS AND CHAR SHALL BE APPROVED AS A REFERENCE PRIOR TO THE FABRICATION OF REMAINING PIERS.

WOOD PIER EXTERIOR FINISH 3
NTS VARIES

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STATE OF WASHINGTON · AMANDA J. BAILEY · 21808 · LANDSCAPE ARCHITECT · EXP. 7/3/2023

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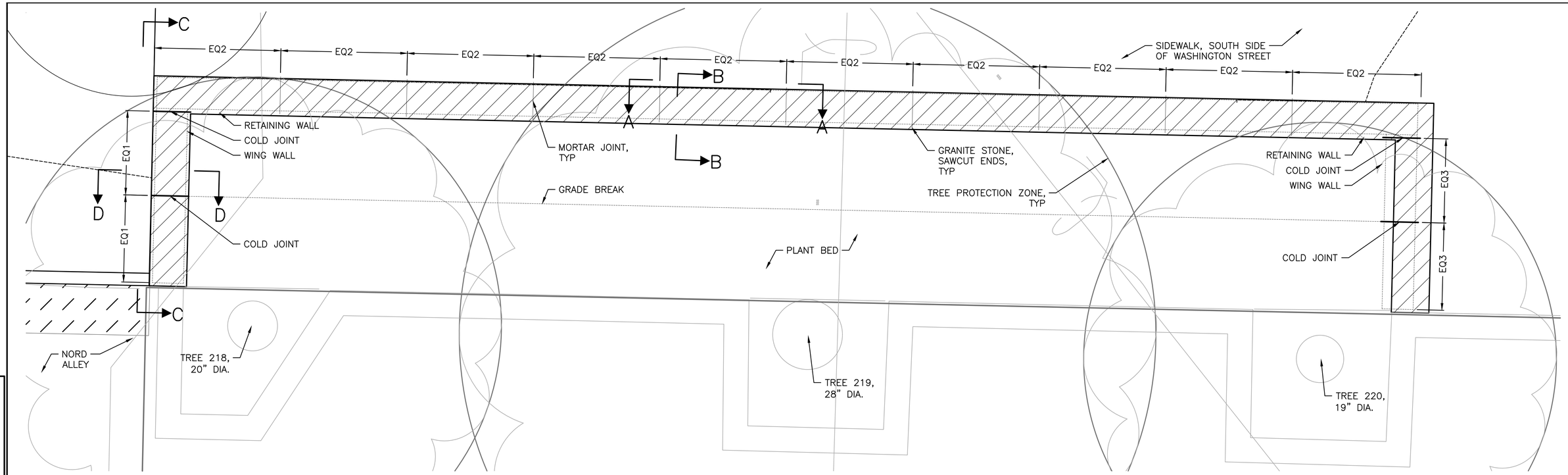
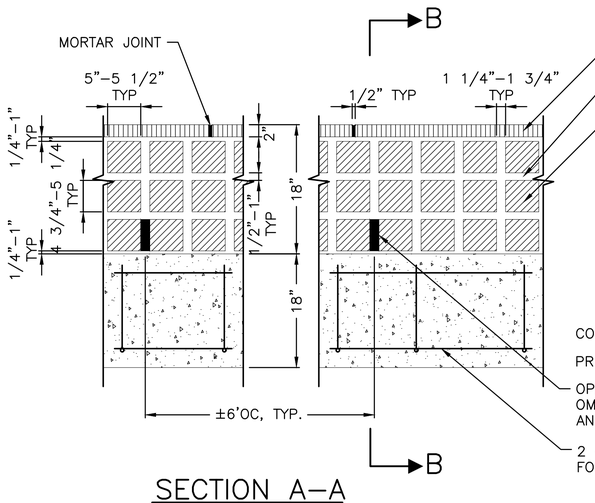


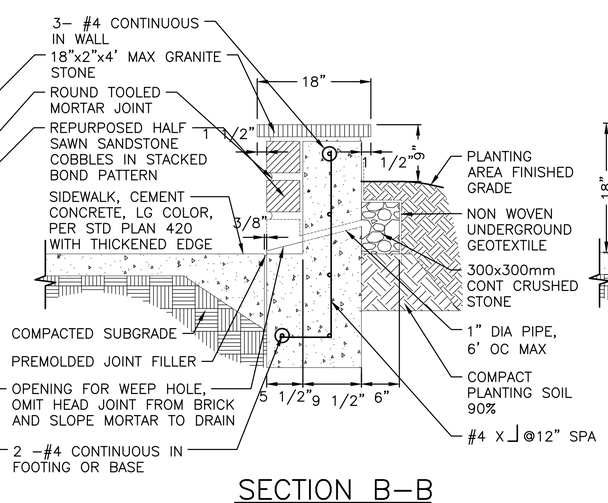
PLAN
NTS

OCCIDENTAL RETAINING WALL 1
NTS

NOTES:
1. SEE PAVING AND GRADING PLAN PG06.
2. SANDSTONE TO BE SALVAGED AND REUSED FROM EXISTING SANDSTONE CURRENTLY IN OCCIDENTAL SQUARE OR EQUAL.
3. THE PROFESSIONAL STAMP ON THIS SHEET DOES NOT APPLY TO THE REBAR REINFORCEMENT DESIGN PROVIDED BY CHUDGAR.



SECTION A–A
NTS



SECTION B–B
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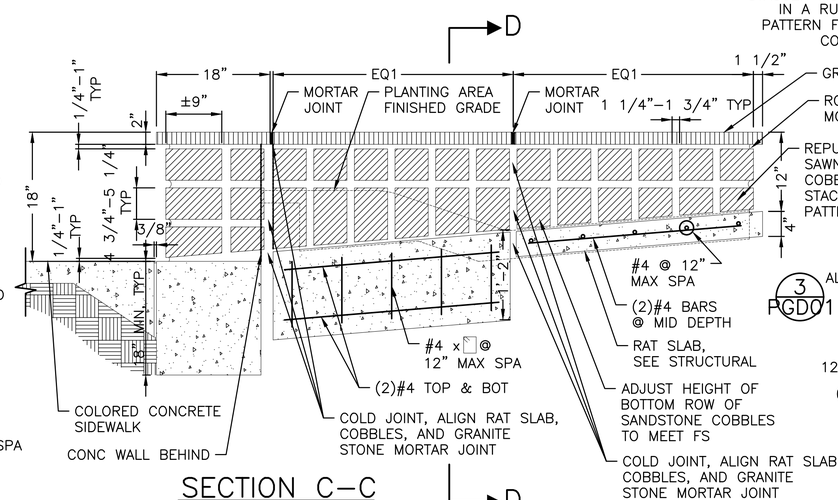

SECTION C–C
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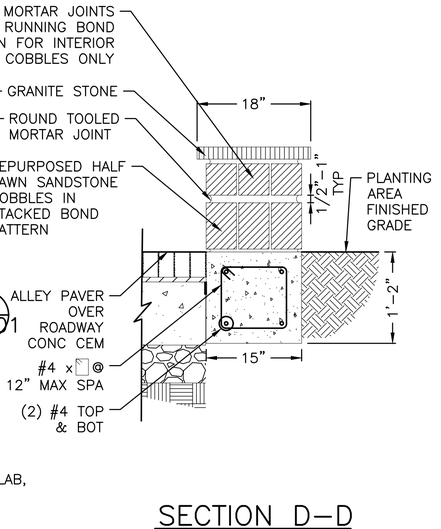

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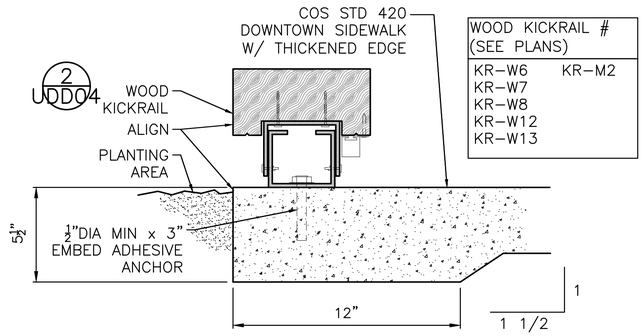
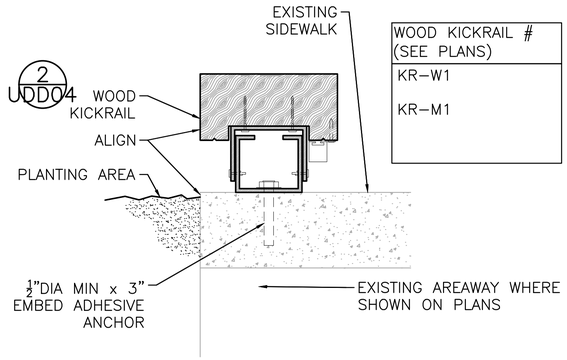


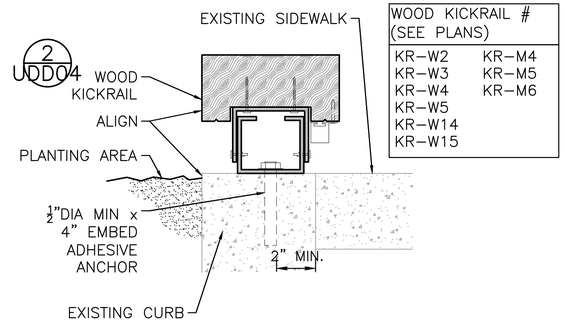
KICKRAIL @ SIDEWALK THICKENED EDGE (1) VARIES

NTS



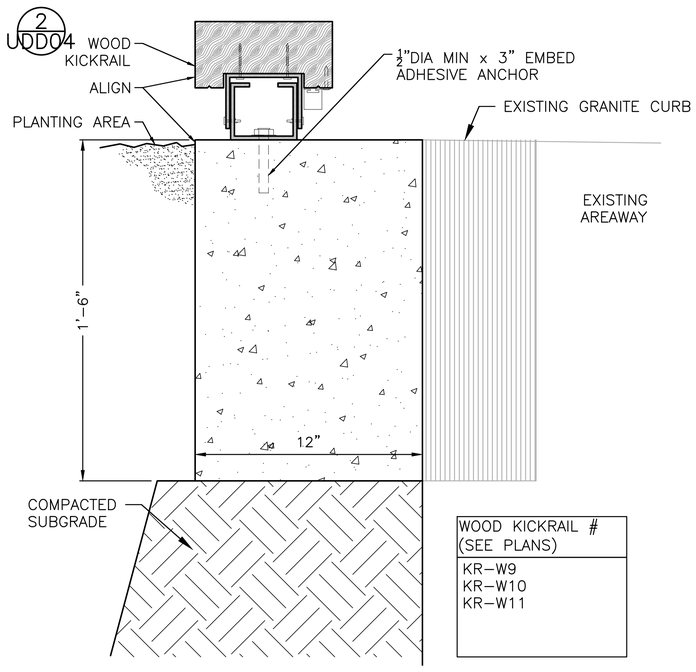
KICKRAIL @ EXISTING SIDEWALK (2) VARIES

NTS



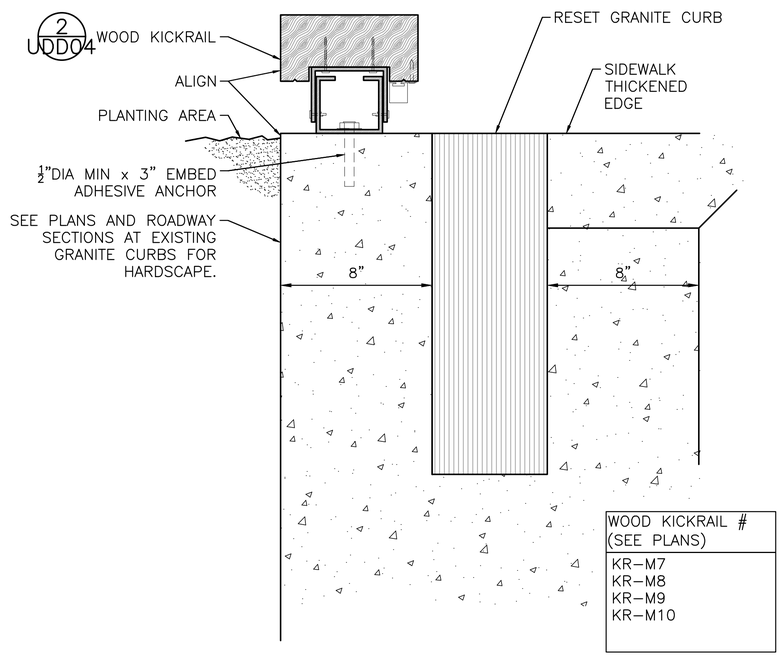
KICKRAIL @ EXISTING CURB (NOW FLUSH) (3) VARIES

NTS



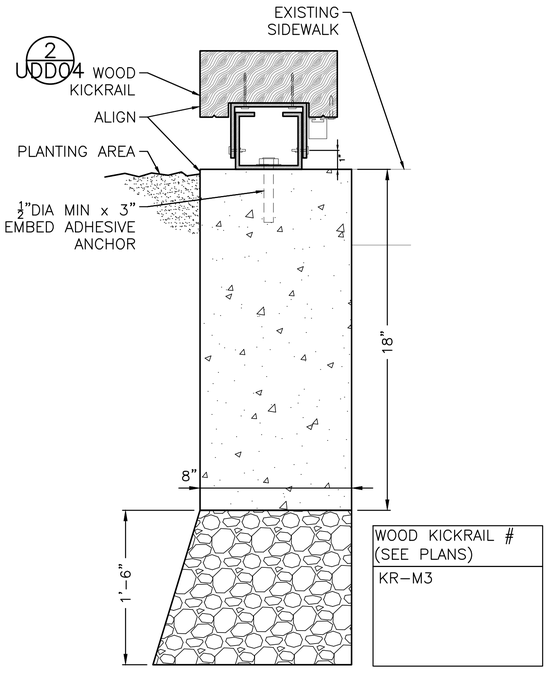
KICKRAIL @ EXISTING GRANITE CURB (4) VARIES

NTS



KICKRAIL @ RESET GRANITE CURB (FLUSH) (5) VARIES

NTS



KICKRAIL @ 8" PLANTER FLUSH CURB (6) VARIES

NTS

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INITIALS AND DATE		INITIALS AND DATE	
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CHECKED	MD 6/3/2022	DES.	CONST.
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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 4426 EXP. 7/9/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021–061
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
UDD07
SHEET 143 OF 198

MARK	DATE	REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 3841 3

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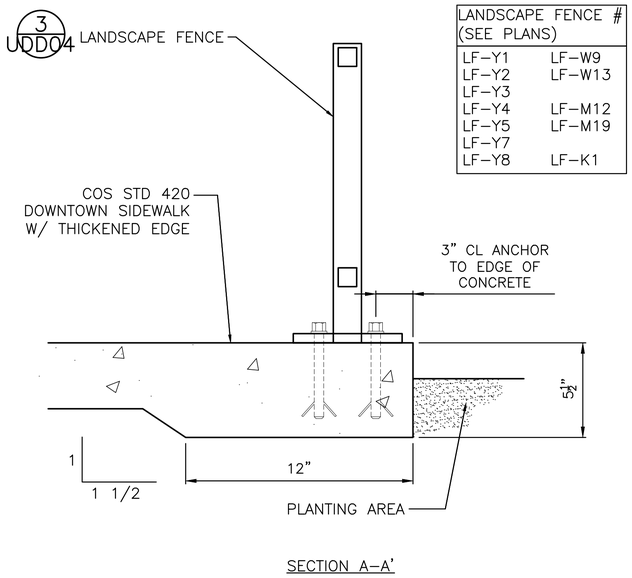
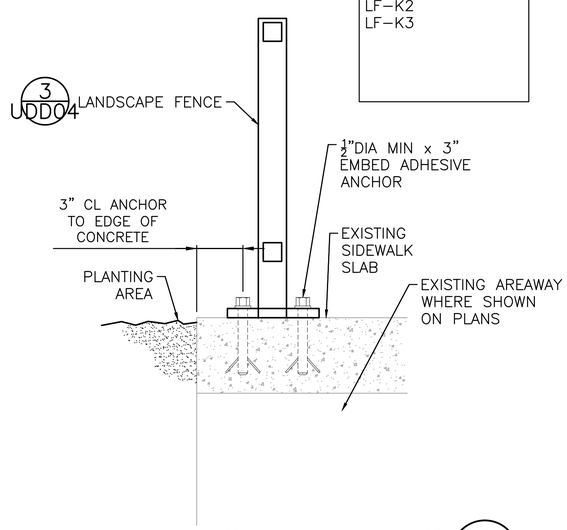


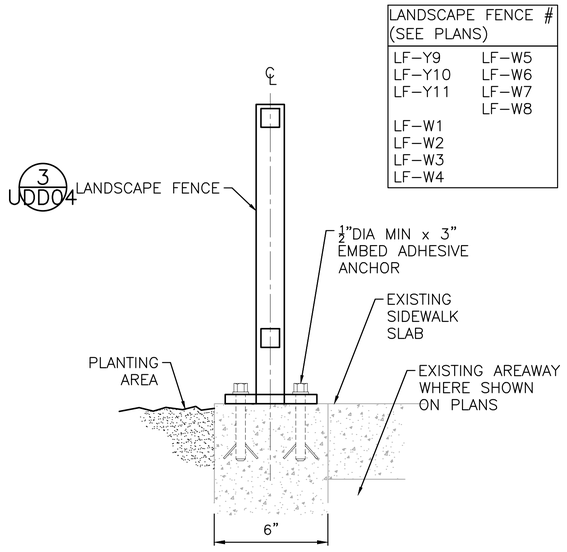
LANDSCAPE FENCE # (SEE PLANS)	
LF–Y1	LF–W9
LF–Y2	LF–W13
LF–Y3	
LF–Y4	LF–M12
LF–Y5	LF–M19
LF–Y7	
LF–Y8	LF–K1

LANDSCAPE FENCE @ SIDEWALK THICKENED EDGE 1 VARIES
NTS



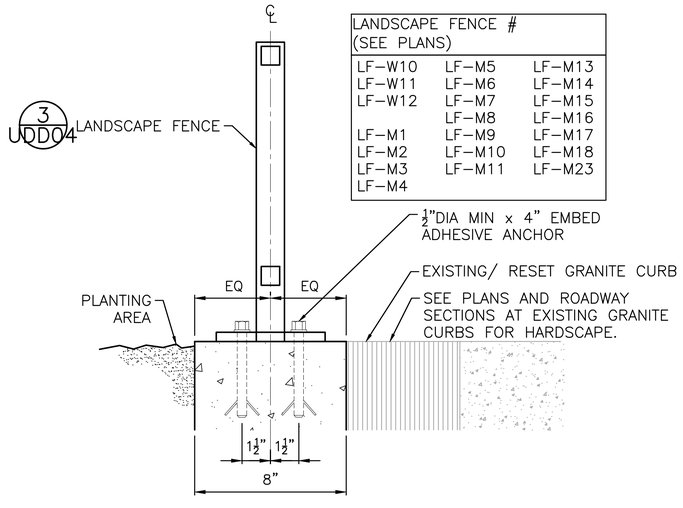
LANDSCAPE FENCE # (SEE PLANS)
LF–Y6
LF–K2
LF–K3

LANDSCAPE FENCE @ EXISTING SIDEWALK 2 VARIES
NTS



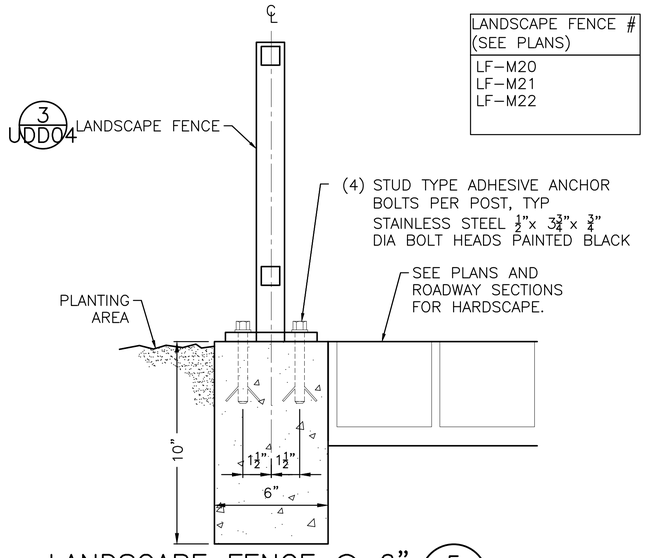
LANDSCAPE FENCE # (SEE PLANS)		
LF–Y9	LF–W5	
LF–Y10	LF–W6	
LF–Y11	LF–W7	
	LF–W8	
LF–W1		
LF–W2		
LF–W3		
LF–W4		

LANDSCAPE FENCE @ EXISTING CURB 3 VARIES
NTS



LANDSCAPE FENCE # (SEE PLANS)		
LF–W10	LF–M5	LF–M13
LF–W11	LF–M6	LF–M14
LF–W12	LF–M7	LF–M15
	LF–M8	LF–M16
LF–M1	LF–M9	LF–M17
LF–M2	LF–M10	LF–M18
LF–M3	LF–M11	LF–M23
LF–M4		

LANDSCAPE FENCE @ EXISTING GRANITE CURB (FLUSH) 4 VARIES
NTS



LANDSCAPE FENCE # (SEE PLANS)
LF–M20
LF–M21
LF–M22

LANDSCAPE FENCE @ 6" PLANTER FLUSH CURB 5 VARIES
NTS

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REVISED AS BUILT	

STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 4928 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021–061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB: PC JOB PC; CO JOB CO
VPI # 792–293
UDD08
SHEET 144 OF 198

MARK	DATE	NATURE OF REVISIONS
		MADE CHK'D REV'D

VAULT SERVU NO. 38413

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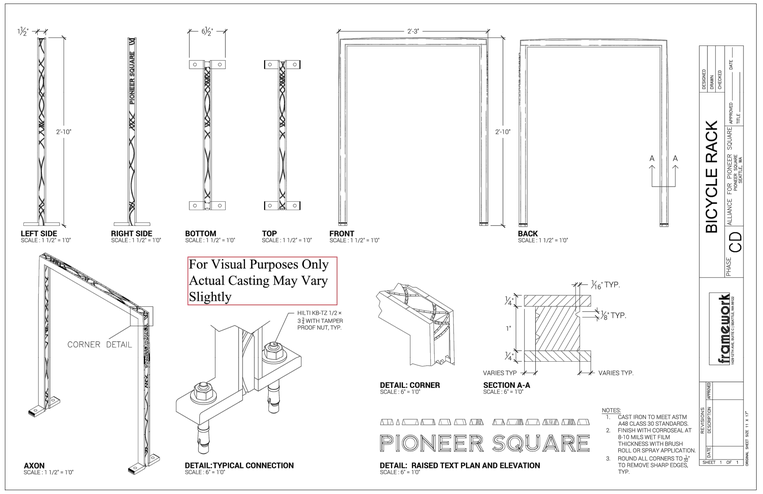
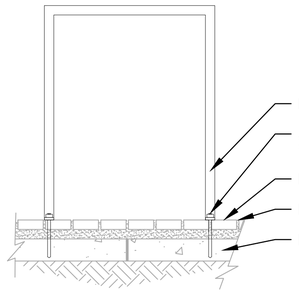
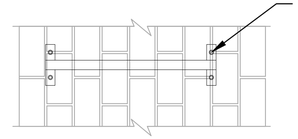
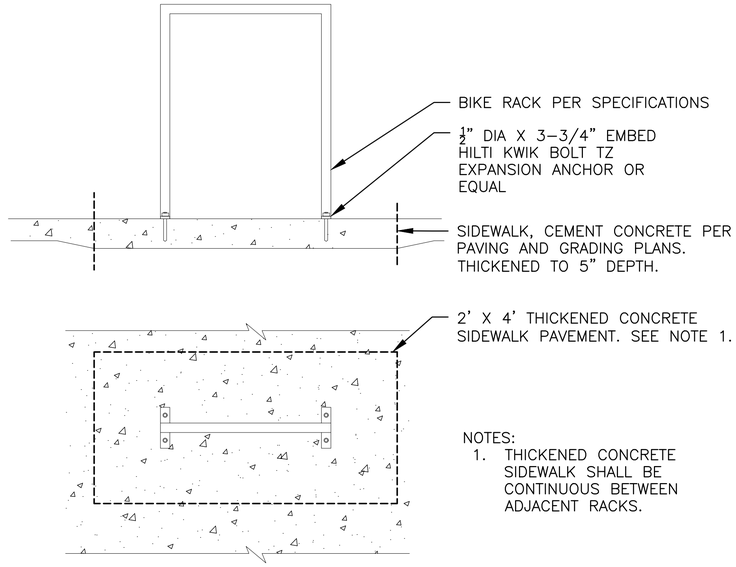


BIKE RACK 1
NTS VARIES

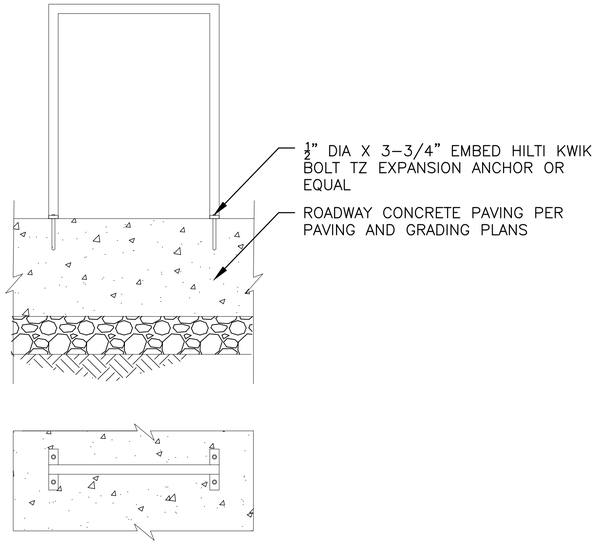




BIKE RACK MOUNTED OVER BRICK 2
NTS UD07



BIKE RACK MOUNTED IN NEW SIDEWALK 3
NTS VARIES



BIKE RACK MOUNTED IN ROADWAY CONCRETE 4
NTS UD10

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 2428 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. .
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PW NO. 2021-061
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
JOB CO JOB CO
VPI # 792-293
UDD09
SHEET 145 OF 198

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Jun-09-22 2:51pm

GENERAL PLANTING NOTES

1. PRIOR TO IRRIGATION AND PLANTING OPERATIONS, SCHEDULE A PRE–CONSTRUCTION MEETING WITH ENGINEER TO IDENTIFY COORDINATION REQUIREMENTS AND REVIEW CONDITIONS. NOTIFY ENGINEER A MINIMUM OF 7 DAYS IN ADVANCE.
2. CONTRACTOR TO CALL (1–800–424–5555) 72 HOURS IN ADVANCE FOR UNDERGROUND UTILITY LOCATIONS. STREET TREES SHALL BE INSTALLED IN COMPLIANCE WITH CITY PLANTING PROCEDURES.
3. ALL LANDSCAPE AREAS SHALL RECEIVE DEPTH OF PREPARED PLANTING SOIL PER SPECIFICATIONS AND SOIL PREPARATION DETAIL. ALL AREAS SHALL BE GRADED TO AVOID HIGH OR LOW SPOTS AND PROVIDE POSITIVE DRAINAGE. SUBGRADE PREP TO BE APPROVED BY ENGINEER PRIOR TO SOIL REPLACEMENT PER SECTION 8.02(3)4.
4. BEFORE INSTALLATION, ALL PLANT MATERIAL SHALL BE REVIEWED BY THE ENGINEER AT THE TIME OF DELIVERY TO THE SITE FOR CONFORMANCE WITH THE REQUIREMENTS OF THE PLANT SPECIFICATIONS, PLANT SCHEDULE, AND STORAGE AND HANDLING REQUIREMENTS. CONTRACTOR SHALL PROVIDE A MINIMUM OF TWO WEEKS NOTICE PRIOR TO DELIVERY.
5. ENGINEER TO REVIEW LAYOUT OF PLANTING BEDS AND PLACEMENT OF TREES, SHRUBS, AND GROUNDCOVERS, PRIOR TO INSTALLATION.
6. DURING INSTALLATION, NOTIFY THE ENGINEER OF ANY CONDITIONS THAT MAY BE HARMFUL TO PLANT LIFE SUCH AS: HAZARDOUS MATERIALS, POOR DRAINAGE ETC. CONTRACTOR TO MAKE RECOMMENDATIONS TO ADDRESS THE SPECIFIC SITUATION IMMEDIATELY TO THE ENGINEER.
7. PLACE NO MULCH WITHIN 6" OF TREE TRUNKS OR STEMS. FINELY GRADE MULCH AWAY FROM SHRUB AND TREE TRUNK STEMS. GRADE MULCH ½" BELOW ADJACENT WALK, PAVEMENTS AND CURBS.
8. ALL DISTURBED AREAS BEYOND NEW PLANTING AND PAVING AREAS SHALL BE RESTORED TO EXISTING CONDITIONS, INCLUDING SOIL PREP OF COMPACTED AREAS. SEE PAVING DRAWINGS.
9. AFTER ACHIEVING COMPLETION OF PLANTING AND ACCEPTANCE BY ENGINEER, THE CONTRACTOR SHALL PROVIDE LANDSCAPE ESTABLISHMENT PER COS 8–02.3(12). TREE STAKES SHALL BE KEPT SECURE AT ALL TIMES.
10. REPLACED DEFECTIVE MATERIALS, AS DETERMINED BY ENGINEER, IMMEDIATELY WITH PLANT MATERIALS OF THE SAME SPECIES AT A SIZE TO MATCH EXISTING ADJACENT MATERIALS. ANY MATERIALS NOT VIGOROUS OR TYPICAL OF SIZE AND SPECIES, SHALL BE REPLACED.
11. SEE LP SHEETS FOR PLANTING.
12. SEE LPD SHEETS FOR PLANTING DETAILS AND SOIL PREPARATION DETAILS.
13. LIMB UP EXISTING TREES ON S WASHINGTON ST WITH DIRECTION FROM CITY'S ARBORIST TO OPEN UP PEDESTRIAN VIEWS FROM OCCIDENTAL AVE S TO THE BOAT LANDING AND PUGET SOUND TO THE WEST.
14. SOIL CELL VOLUMES ARE CALCULATED AT ROUGHLY 3' DEPTH.
15. FOR LANDSCAPE FENCING, SEE URBAN DESIGN SERIES.
16. PROVIDE MULCH IN ALL PLANTING AREAS PER SPECIFICATIONS.
17. OMIT FULL SOIL PREP AND ONLY PIT/POCKET PLANT WHERE TREE PROTECTION ZONES A AND B FALL WITHIN SIDEWALK TO BE DEMOLISHED. SEE DETAIL 2/LPD22.
18. TREE PROTECTION MEASURES MUST BE MAINTAINED AND UPGRADED FOR DIFFERENT PHASES OF WORK NOTED IN TVSPP, SPECIFICATIONS AND DRAWING CDN02. SEE DRAWING CDN02 AND SPECIFICATIONS.

LEGEND

- RIGHT OF WAY LINE
- AREAWAY – STREET WALL PER GIS. AREAWAY VOIDS EXTEND TO BLDG FACE
- CURB
- TREE PROTECTION ZONE B, DRIPLINE SEE DRAWING CDN02
- TREE PROTECTION ZONE A, CRITICAL ROOT ZONE
- EXISTING TREE TO REMAIN
- TREE PROTECTION FENCE (SEE TVSPP FOR LOCATION)
- #206 TREE NUMBER
- PLANTING ENLARGEMENT AREA. SEE SHEETS LP21 – LP24
- SOIL CELL 2/LPD23
- VERTICAL TREE ROOT BARRIER AT AREAWAYS 5/LPD21
- ONE–MAN ROCK 6/LPD21
- TWO–MAN ROCK 6/LPD21
- STREAMBED AGGREGATE TYPE 4 2/LPD21 6/LPD21
- 4" GRATED CAP WITH 4" SLOTTED PVC SUBSURFACE DRAIN PIPE PER SOIL CELL BRIDGING AND AIR/WATER SYSTEM DETAIL 4/LPD23

MARK	DATE	NATURE REVISIONS

VAULT SEDRA NO. 38413

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PLANTING LEGEND AND NOTES

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PIONEER SQUARE
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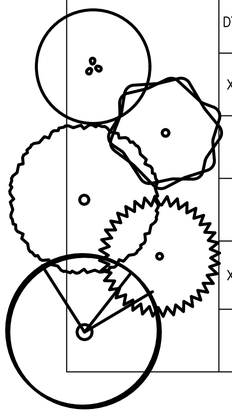
VPI # 792–293
LPN01
SHEET 146 OF 198

PLANTING SCHEDULE

DT=DROUGHT TOLERANT ONCE ESTABLISHED; NWN=NORTHWEST NATIVE OR CULTIVAR; EG = EVERGREEN

TREES



DT	NWN	EG	BOTANICAL NAME	COMMON NAME	SIZE/SPACING	QTY	NOTES
X	X		ACER CIRCINATUM 'PACIFIC FIRE'	'PACIFIC FIRE' VINE MAPLE	1.75"–2" CAL, B&B/ AS SHOWN	3	SPECIMEN QUALITY; MULTI–STEM/CLUMPING; MIN 3–4 STEMS FROM ROOT BALL
			GINKO BILOBA 'PRINCETON SENTRY'	'PRINCETON SENTRY' GINKGO	3"–3.5" CAL., B&B/ AS SHOWN	2	MATCH SET – BRANCHING STARTING FROM APPROXIMATELY SAME HEIGHT AND ALL FROM THE SAME GROWER
			NYSSA SYLVATICA 'DAVID ODOM'	AFTERBURNER TUPELO	3"–3.5" CAL. B&B/ AS SHOWN	2	MATCH SET – BRANCHING STARTING FROM APPROXIMATELY SAME HEIGHT AND ALL FROM THE SAME GROWER
X	X	X	PINUS CONTORTA VAR. CONTORTA	SHORE PINE	10'–12' HT., B&B/ AS SHOWN	2	MIN 32" DIA ROOT BALL; SPECIMEN QUALITY; SINGLE STEM; PRUNE BRANCHING UP 4' FROM GROUND AND/OR TRIM BRANCHES AS DIRECTED BY ENGINEER
			TILIA CORDATA 'GREENSPIRE'	'GREENSPIRE' LITTLELEAF LINDEN	3"–3.5" CAL., B&B/ AS SHOWN	1	

KING ST. PLANT SCHEDULE

SYMBOL	EG	DT	NWN	<2'HT	BOTANICAL NAME	COMMON NAME	QTY	SIZE / SPACING	COMMENTS
SHRUBS/PERENNIALS/ GROUNDCOVERS									
			X		ACER CIRCINATUM 'PACIFIC PURPLE'	PACIFIC PURPLE MAPLE	X	5 GAL./AS SHOWN	
	X				LONICERA PILEATA	PRIVET HONEYSUCKLE	X	5 GAL./4' O.C.	
			X		DESCHAMPSIA CESPITOSA	TUFTED HAIR GRASS	X	2 GAL./18" O.C.	
		X	X	X	ACHILLEA MILLEFOLIUM 'MOONSHINE'	YARROW	X	1 GAL./18" O.C.	
	X	X	X	X	ARCTOSTAPHYLOS UVA–URSI	KINNIKINNICK	X	1 GAL./18" O.C.	

SHRUBS AND GROUNDCOVER

SHORELINE SUN PALETTE

SYMBOL	DT	NW/N	EG	<2' HT	BOTANICAL NAME	COMMON NAME	QTY	SIZE / SPACING	PLANTING AND ETHNOBOTANICAL NOTES
SHRUBS/PERENNIALS/GROUNDCOVERS									
	X	X			HOLODISCUS DISCOLOR	OCEAN SPRAY		4'–5'/60" O.C.	
	X	X			SPIREA BETULIFOLIA VAR. LUCIDA	WHITE SPIREA		2 GAL./24" O.C.	
	X	X		X	ACHILLEA MILLEFOLIUM	COMMON YARROW		1 GAL./18" O.C.	MEDICINAL PLANT USED IN TEAS, TINCTURES, POULTICES
		X		X	ALLIUM CERNUUM	NODDING ONION		1 GAL./12" O.C.	USED FOR FLAVORING IN SALADS AND COOKING
	X	X			AQUILEGIA FORMOSA	COLUMBINE		1 GAL./12" O.C.	
	X	X	X	X	ARMERIA MARITIMA	THRIFT, SEA PINK		1 GAL./12" O.C.	
		X			CAMASSIA LEICHTLINII	GREAT CAMAS		1 GAL./12" O.C.	ROOT STAPLE FOR NA TRIBES; COOKED AS SWEET POTATO
		X			CAREX MARTENSII	MERTEN'S SEDGE		1 GAL./18" O.C.	
	X	X		X	DESCHAMPSIA CESPITOSA	TUFTED HAIRGRASS		2 GAL./18" O.C.	
	X	X	X	X	IRIS TENAX	TOUGH LEAF IRIS		1 GAL./18" O.C.	
	X	X		X	LUPINUS LITTORALIS	SEASHORE LUPINE		1 GAL./18' O.C.	
	X	X		X	POTENTILLA ANSERINA	SILVERWEED CINQUEFOIL		4" CONT./12" O.C.	TAPROOT IS A STAPLE FOOD FOR NA TRIBES
		X			SIDALACEA HENDERSONII	HENDERSON'S CHECKER MALLOW		2 GAL./24" O.C.	
	X	X	X	X	ARCTOSTAPHYLOS UVA–URSI	KINNIKINNICK		1 GAL./18" O.C.	BLAND BERRIES MIXED INTO OTHER BERRIES; LEAVES SMOKED (SLIGHT NARCOTIC)
	X		X	X	ERIGERON GLAUCUS	SEASIDE DAISY		1 GAL./12" O.C.	
	X	X			GRINDELIA INTEGRIFOLIA	PUGET GUMWEED		1 GAL./12" O.C.	
	X	X	X	X	SEDUM OREGONUM	OREGON STONECROP		4" CONT./6" O.C.	
	X	X			URTICA DIOCIA	STINGING NETTLE		4" CONT./12" O.C.	

SHORELINE SHADE PALETTE

	X			CORNUS SERICEA 'KELSEYI'	KELSEY'S DWARF RED–OSIER DOGWOOD		2 GAL./24" O.C.	
	X	X		GAULTHERIA SHALLON	SALAL		2 GAL./18" O.C.	IMPORTANT NATIVE BERRY STAPLE; DRIED AS FRUIT LEATHER OR EATEN FRESH; NEAR SALTWATER THICKETS CAN BE IMPENETRABLE
	X	X		MAHONIA AQUIFOLIUM 'COMPACTA'	COMPACT OREGON GRAPE		2 GAL./48" O.C.	
X	X			SPIREA BETULIFOLIA VAR. LUCIDA	WHITE SPIREA		2 GAL./24" O.C.	
	X		X	ALLIUM CERNUUM	NODDING ONION		1 GAL. @ 3 BULBS SYMBOL	USED FOR FLAVORING IN SALADS AND COOKING
X	X	X	X	BLECHNUM SPICANT	DEER FERN		1 GAL./18" O.C.	
	X			CAREX MARTENSII	MERTEN'S SEDGE		1 GAL./18' O.C.	
X	X		X	DESCHAMPSIA CESPITOSA	TUFTED HAIRGRASS		2 GAL./18" O.C.	
	X	X	X	IRIS DOUGLASIANA	DOUGLAS IRIS		1 GAL./18' O.C.	
			X	CORNUS CANADENSIS	BUNCHBERRY		4" POTS/12" O.C.	
X	X	X	X	FRAGARIA X 'LIPSTICK'	LIPSTICK STRAWBERRY		4" CONT./12" O.C.	TEA SAID TO CURE VARIOUS AILMENTS
	X	X	X	TELLIMA GRANDIFLORA/T. GRANDIFLORA 'FOREST FROST'	FRINGECUP		1 GAL/12" OC	POUNDED AND BOILED TO MAKE A TEA

UPLAND SUN PALETTE

X			CORNUS SERICEA 'FLAVIRAMEA'	YELLOW TWIG DOGWOOD		5 GAL./ AS SHOWN	
X	X	X	MAHONIA REPENS	CREEPING MAHONIA		2 GAL./18" O.C.	
X	X		POLYSTICHUM MUNITUM	SWORD FERN		2 GAL./30" O.C.	
X	X	X	VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY		5 GAL./ AS SHOWN	SMALL, SWEET BERRIES; OVER–WINTERING BERRY
X	X		ERIOPHYLLUM LANATUM	OREGON SUNSHINE		4" POTS/12" OC	
X	X	X	FRAGARIA X 'LIPSTICK'	LIPSTICK STRAWBERRY		4" CONT./12" O.C.	TEA SAID TO CURE VARIOUS AILMENTS

UPLAND SHADE PALETTE

X			CORNUS SERICEA 'FLAVIRAMEA'	YELLOW TWIG DOGWOOD		5 GAL./ AS SHOWN	
X	X	X	MAHONIA AQUIFOLIUM 'COMPACTA'	COMPACT OREGON GRAPE		2 GAL./48" O.C.	
X	X		POLYSTICHUM MUNITUM	SWORD FERN		2 GAL./30" O.C.	
X	X	X	VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY		5 GAL./ AS SHOWN	SMALL, SWEET BERRIES; OVER–WINTERING BERRY
X			DICENTRA FORMOSA	PACIFIC BLEEDING HEART		2 GAL./24" O.C.	
X		X	ASARUM CAUDATUM	WILD GINGER		4" CONT./12" O.C.	
ARBORIST WOODCHIP MULCH							SEE DETAIL 1/LPD21

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DRAWN	MW, CSH 6/3/2022
CHECKED	AB 6/3/2022

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REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
REVISED AS BUILT	

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Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021–061
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SCALE: H. 1"=10', V. 1"=10'

PLANTING SCHEDULE

PIONEER SQUARE EAST–WEST STREETS

JOB: PC JOB PC; CO JOB CO
VPI # 792–293
LPS01
SHEET 147 OF 198

NO.	MARK	DATE	REVISIONS

VAULT SPECIAL NO. 38413

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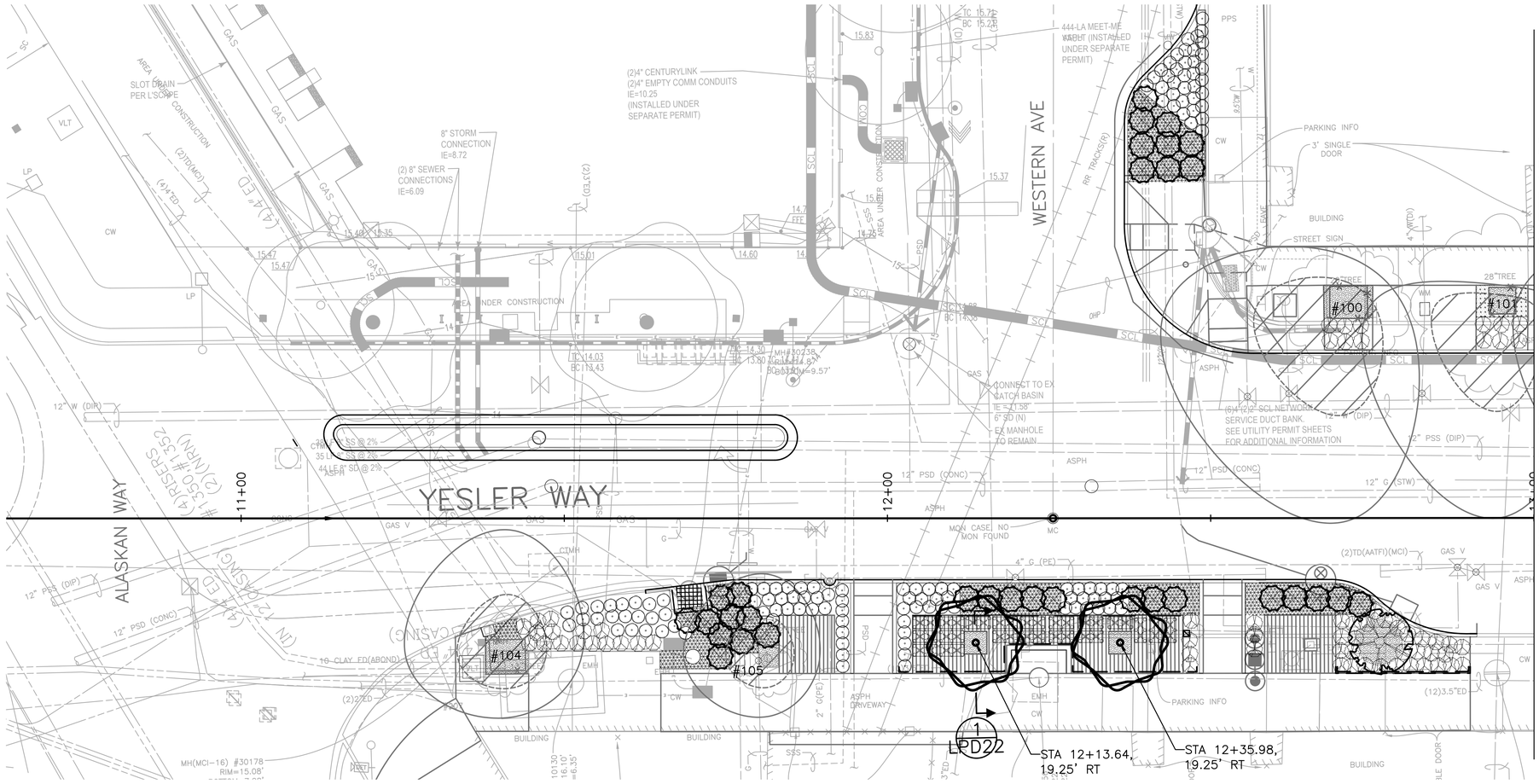

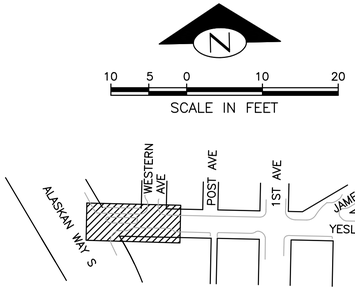

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YESLER WAY – TREES AND UNDERSTORY PLANS

38413	NATURE	MADE	CHK'D
	REVISIONS		
FAULT SERIAL NO.	MARK	DATE	REV'D

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CHECKED MD 6/3/2022	DES. CONST.
	SDOT PROJ. MGR.
DRAWN MW, CSH 6/3/2022	RECEIVED
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ORDINANCE NO. PW NO2021-061
#FUND:
SCALE H. 1"=20', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB	PC JOB PC
	CO JOB CO
VPI #	792–293
	LP01
SHEET	148 OF 198

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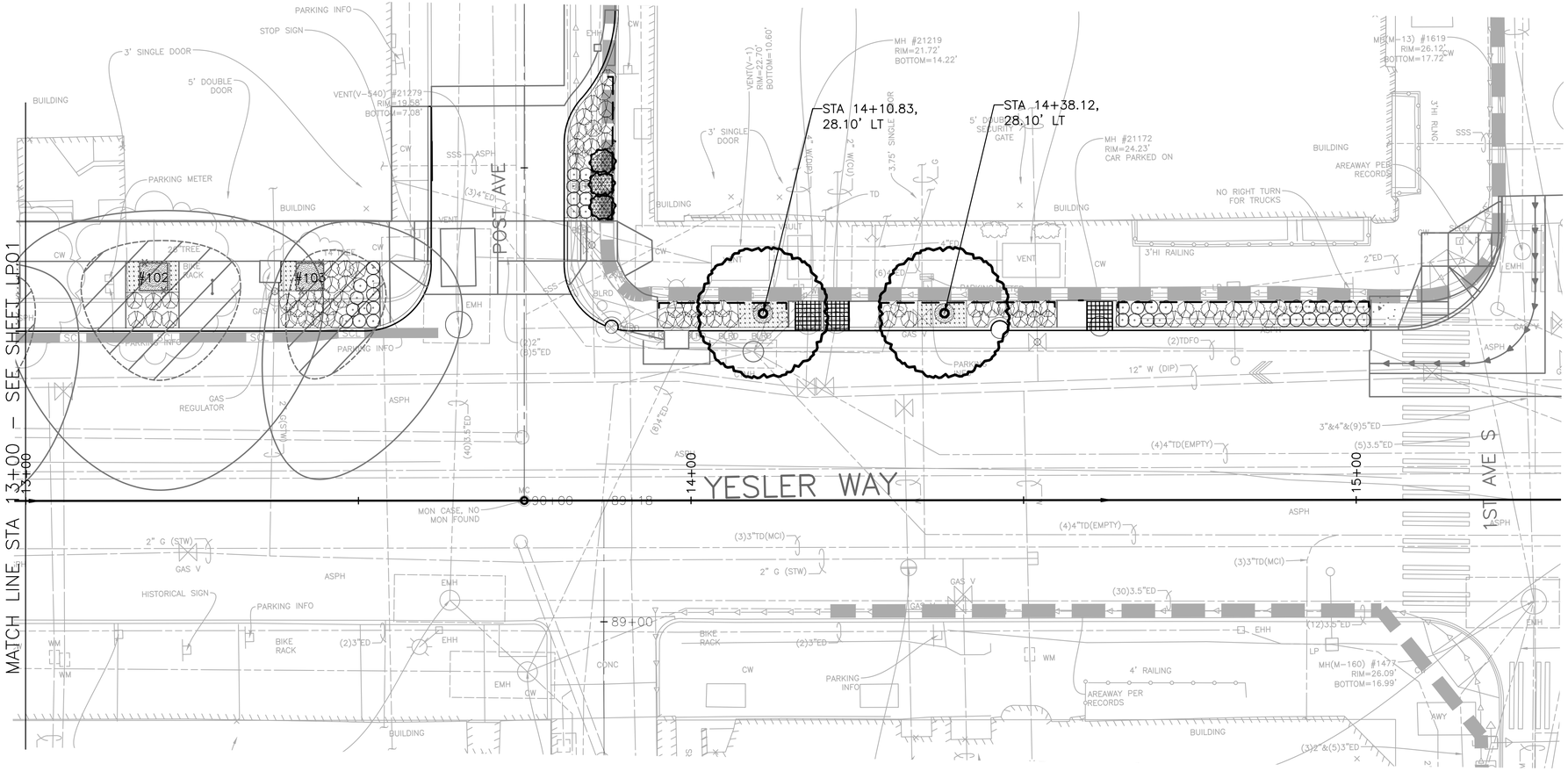

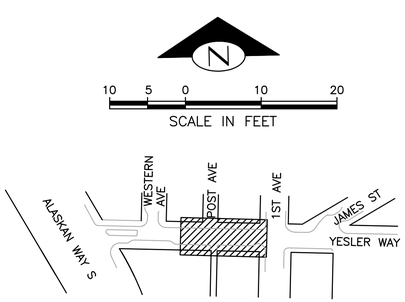

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PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
JOB CO JOB CO
VPI # 792-293
LP02
SHEET 149 OF 198

MARK	DATE	REVISIONS	MADE	CHK'D	REV'D

MAULT SERIAL NO. 38413

Z:\Shared\seattle - pioneer\1_projects\15100s\15149 pioneer square east west streets\CAD\Current\01 Yesler Street\145 LP02.dwg
Jun-09-22 3:05pm

REMOVE EXISTING PLANTINGS, RAKE AND REMOVE MULCH, PROTECT EXISTING SOIL FROM COMPACTION, ADD NEW PLANTS. IN THE PROCESS OF ADDING NEW PLANTS, FILL HOLES WITH EXISTING MATERIAL AND ADD NEW SOIL TO MATCH SPECIFICATIONS.

ALASKAN WAY

S WASHINGTON ST

31+00

32+00

33+00

86+00

#200 #201 #202 #203 #204 #205 #206 #207 #210 #212 #213 #214 #215 #216

STA 33+29.54, 17.97'RT

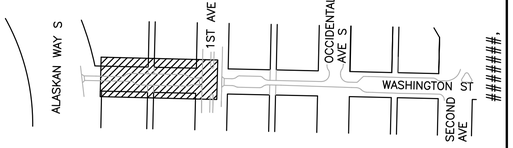
PLANTING ENLARGEMENT PLAN: 1 / LP21

SEE SHEET LP06 – EAST OF 1ST AVE S

N

10 5 0 10 20

SCALE IN FEET



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90% SUBMITTAL (NOT FOR CONSTRUCTION)

S WASHINGTON ST – TREES AND UNDERSTORY PLAN

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	SDOT PROJ. MGR.
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ORDINANCE NO. . PW NO. 2021-061
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PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # V #
LP04
SHEET 150 OF 198

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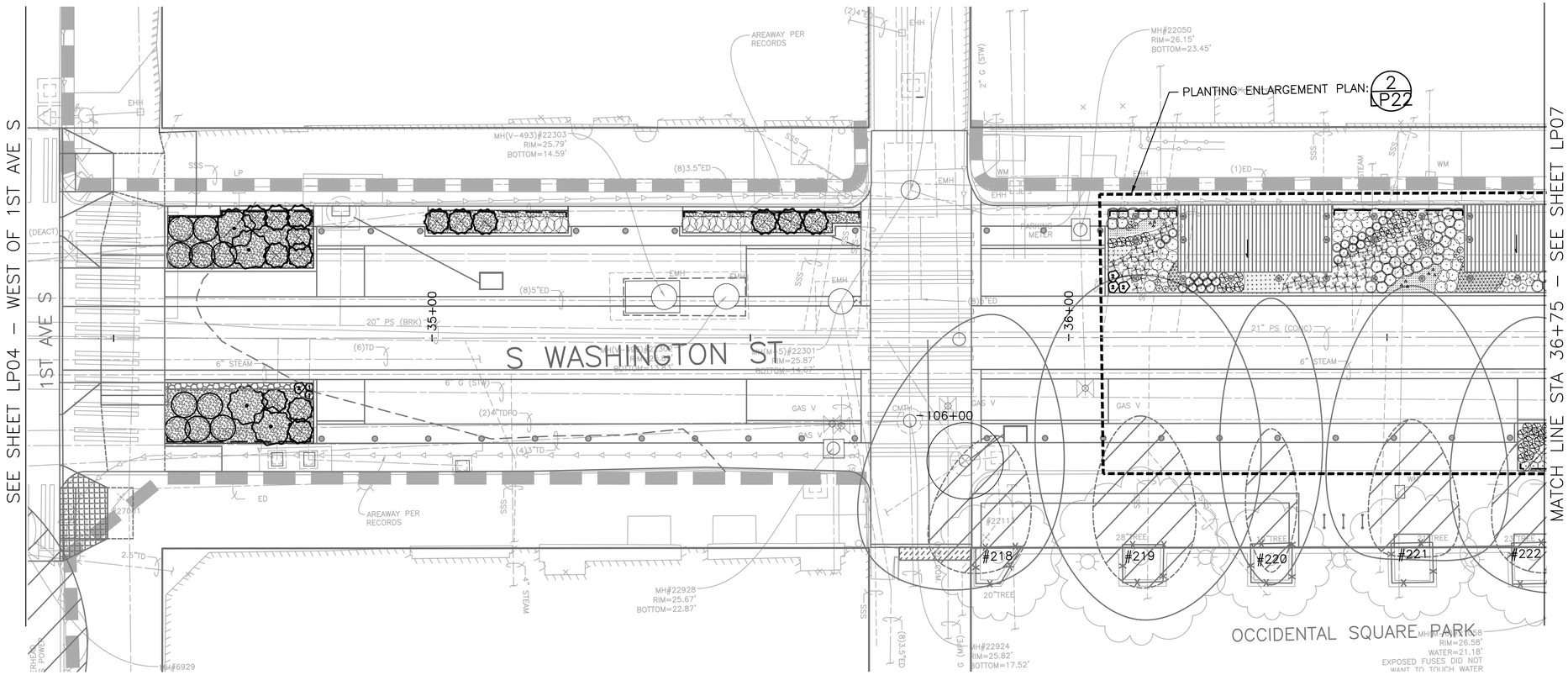
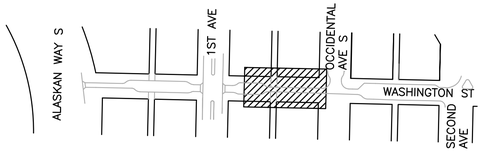


N

10 5 0 10 20

SCALE IN FEET



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SCALE: H. 1"=20', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
LP06
SHEET 151 OF 198

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38413						

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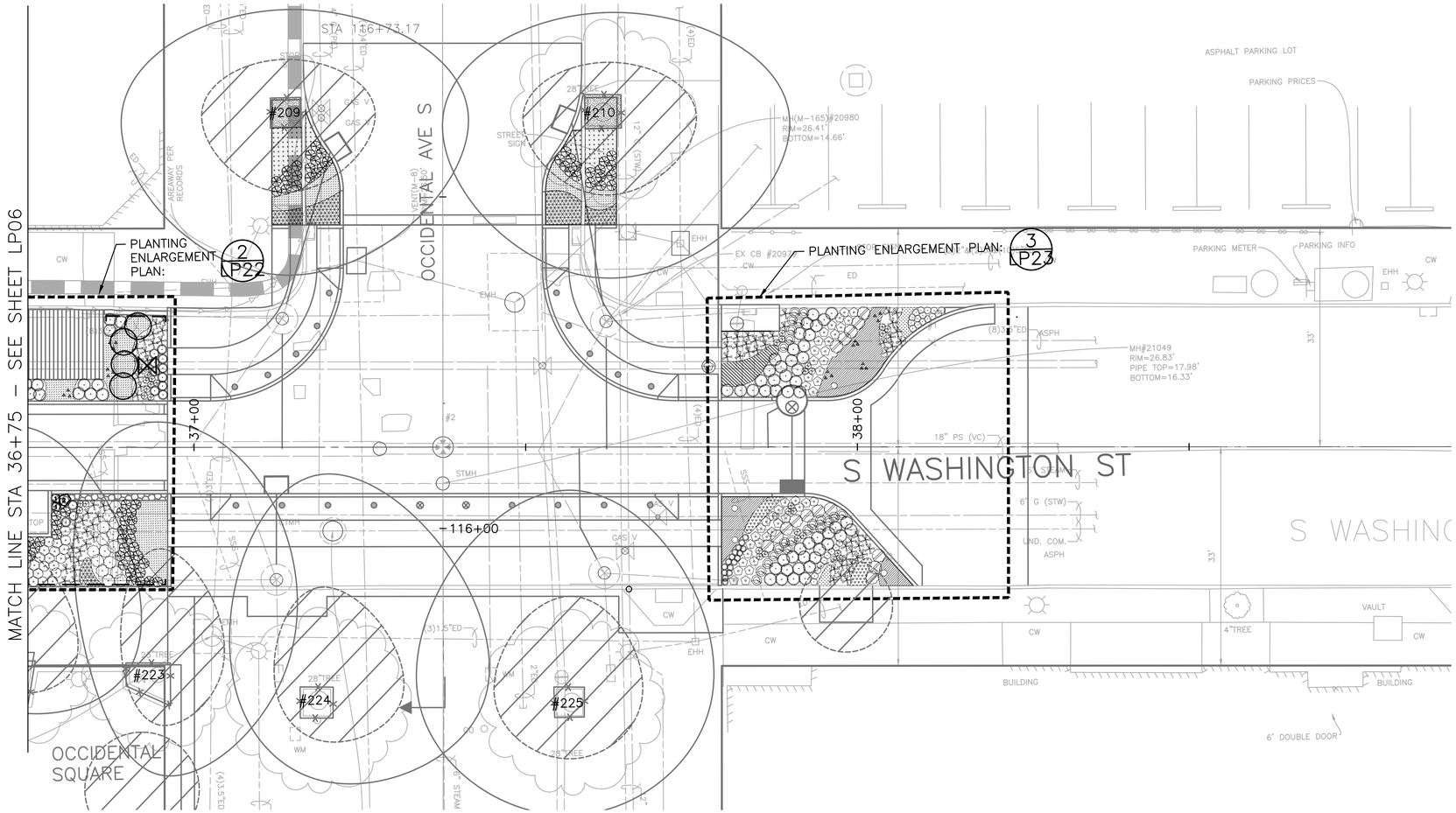
Jun-09-22 3:07pm



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SCALE: H. 1"=20', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
LP07
SHEET 152 OF 198

VAULT SERIAL NO.	DATE	MARK	NATURE	REVISIONS	MADE	CHK'D	REV'D
38413							

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Jun-09-22 3:07pm

PLANTING ENLARGEMENT PLAN: 4 LP24

STA 52+29.73, 19.81' LT

STA 51+90.14, 19.08' LT

ALASKAN WAY

S MAIN ST

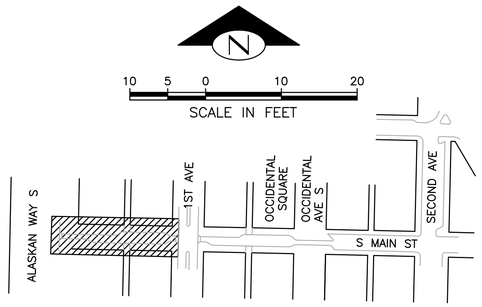
SOIL CELL BRIDGING AND AIR/WATER SYSTEM, TYP 4 LPD23

STA 52+83.86, 18.20' RT

STA 53+29.42, 17.82' RT

STA 53+57.01, 17.97' RT

SEE SHEET LP10 – EAST OF 1ST AVE S



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PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
LP08
SHEET 153 OF 198

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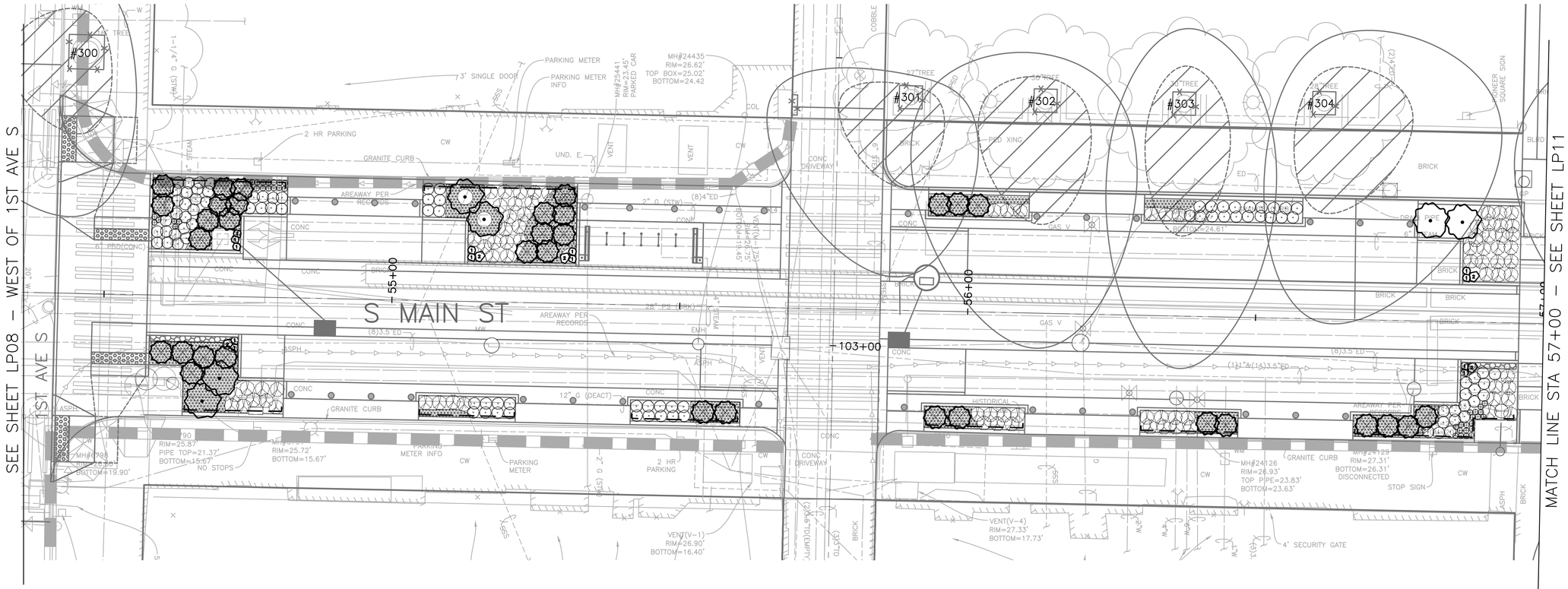

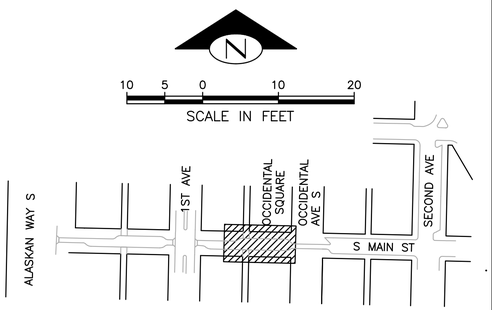

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PIONEER SQUARE EAST-WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792-293
LP10
SHEET 154 OF 198

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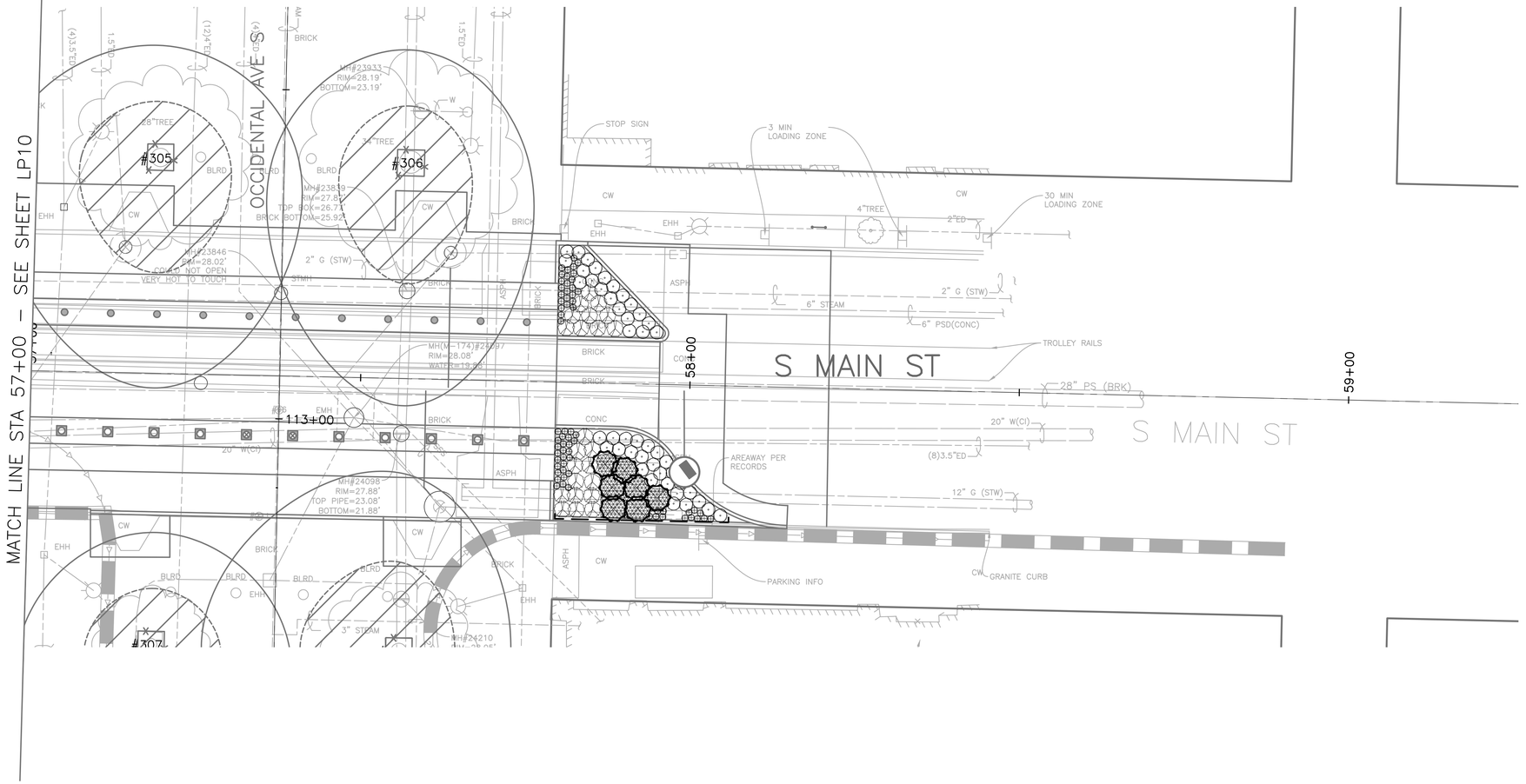
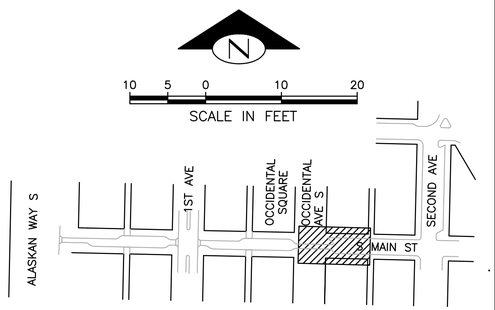
Jun-09-22 3:10pm





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PIONEER SQUARE EAST-WEST STREETS

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CO JOB CO
VPI # 792-293
LP11
SHEET 155 OF 198

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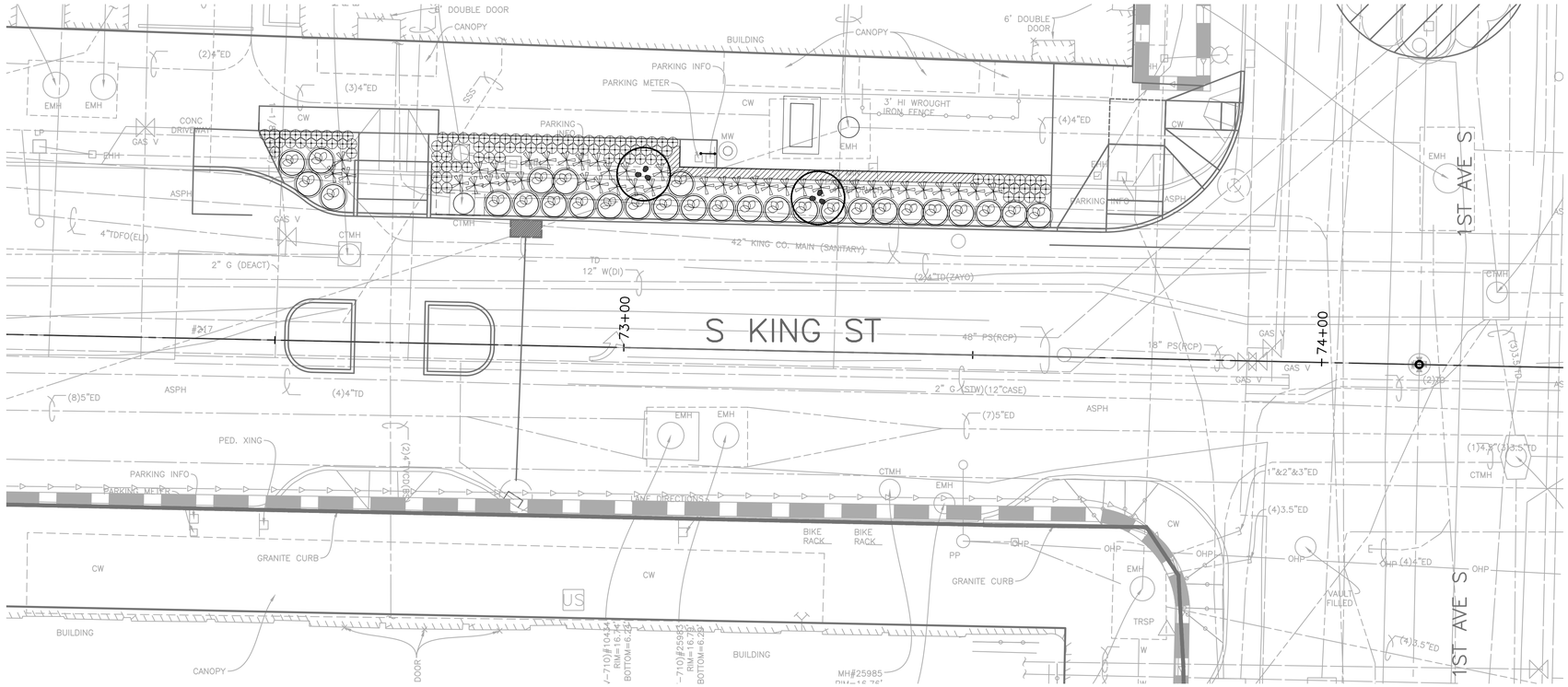

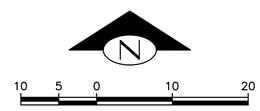

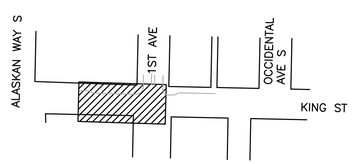

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LP12
SHEET 156 OF 198

VAULT	SERIAL NO.	DATE	MARK	NATURE OF REVISIONS	MADE CHK'D	REV'D
	38413					

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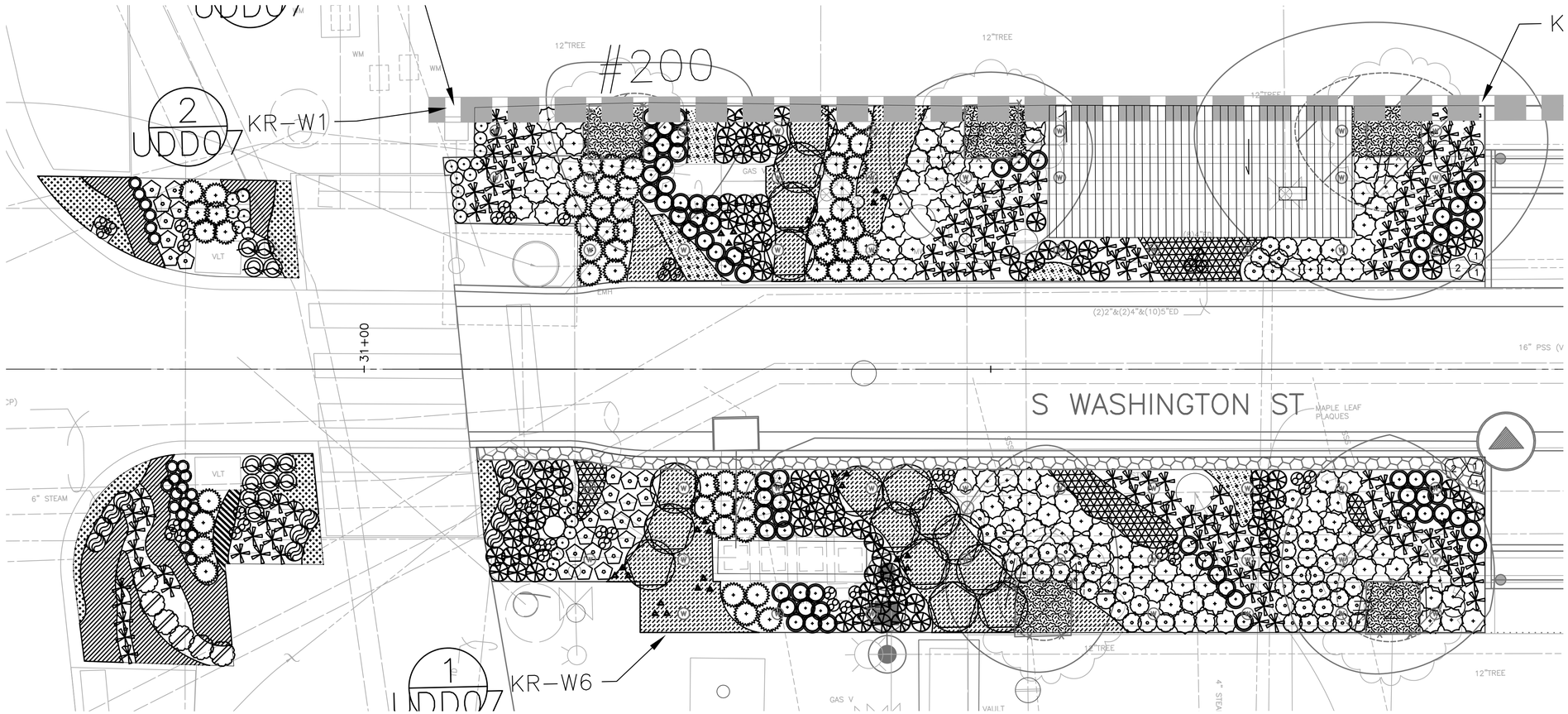


PLANTING ENLARGEMENT PLAN WASHINGTON (1 / LP04)

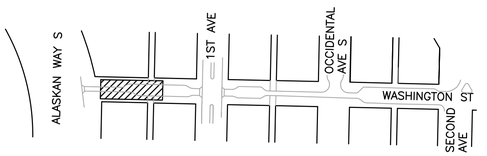
GENERAL NOTES:

1. REFER TO URBAN DESIGN / FURNISHINGS PLANS FOR ALL SOIL CELL EXTENTS AND WOODEN PIER PLACEMENT.
2. REFER TO TREES AND UNDERSTORY PLANS FOR ALL TREE PLACEMENT.
3. REFER TO IRRIGATION PLANS FOR IRRIGATION PLACEMENT.
4. REFER TO LPD21–LPD23 FOR SOIL AND SOIL CELL DETAILS.

N

0 5 10

SCALE IN FEET



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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 4428 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
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PIONEER SQUARE EAST–WEST STREETS

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LP21
SHEET 157 OF 198

MARK	DATE	REVISIONS	MADE	CHK'D	REV'D

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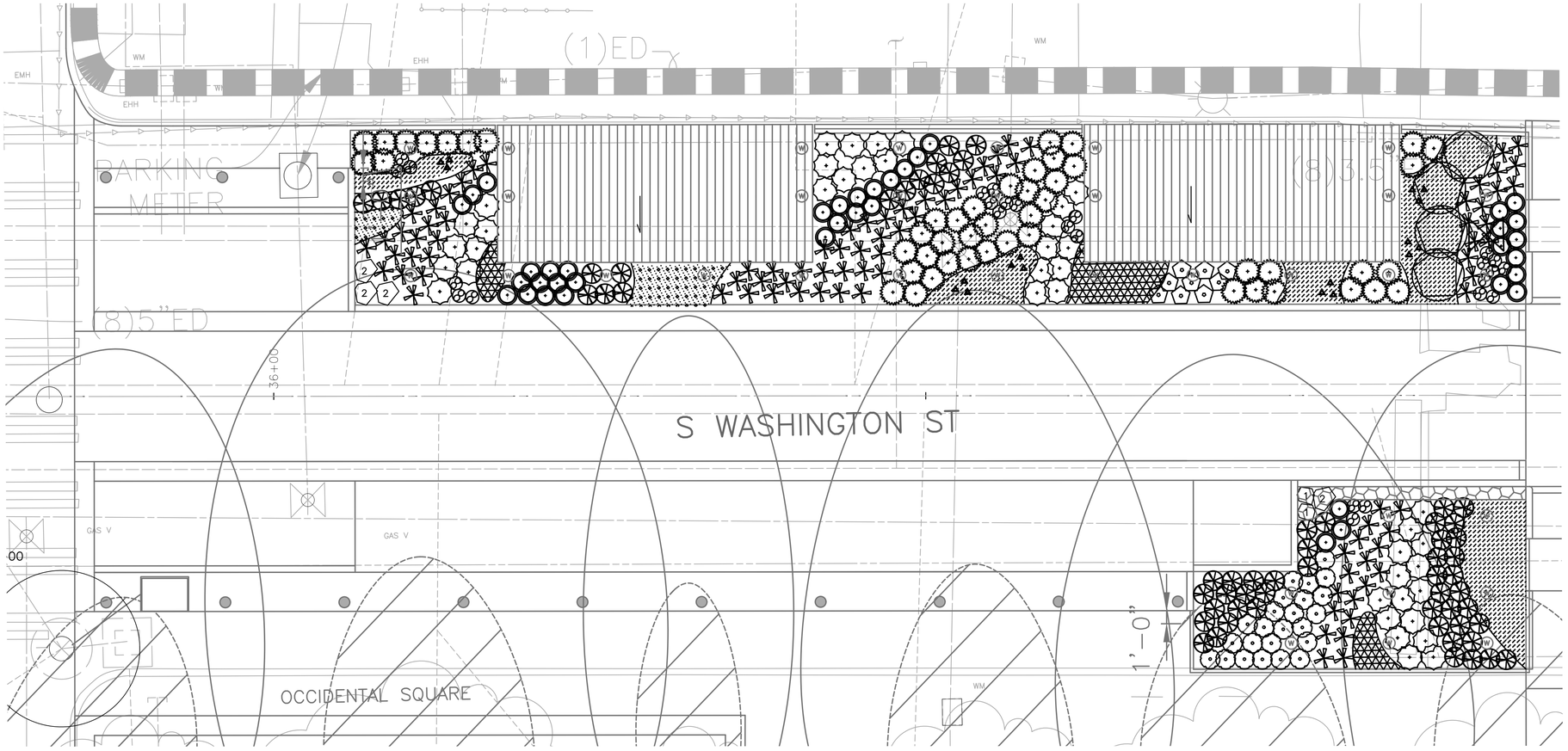

PLANTING ENLARGEMENT PLAN WASHINGTON 2

LP06, LP07

GENERAL NOTES:

1. REFER TO URBAN DESIGN / FURNISHINGS PLANS FOR ALL SOIL CELL EXTENTS AND WOODEN PIER PLACEMENT.
2. REFER TO TREES AND UNDERSTORY PLANS FOR ALL TREE PLACEMENT.
3. REFER TO IRRIGATION PLANS FOR IRRIGATION PLACEMENT.
4. REFER TO LPD21–LPD23 FOR SOIL AND SOIL CELL DETAILS.

N

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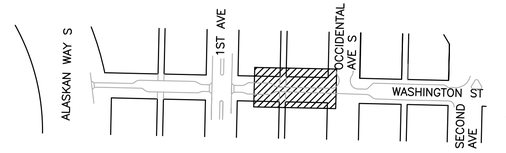
SCALE IN FEET



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Seattle Department of Transportation ORDINANCE NO. . PW NO. 2021–061 #### SCALE: H. 1"=10', V. 1"=10'	PIONEER SQUARE EAST–WEST STREETS	JOB PC JOB PC JOB CO JOB CO VPI # 792–293 LP22 SHEET 158 OF 198	

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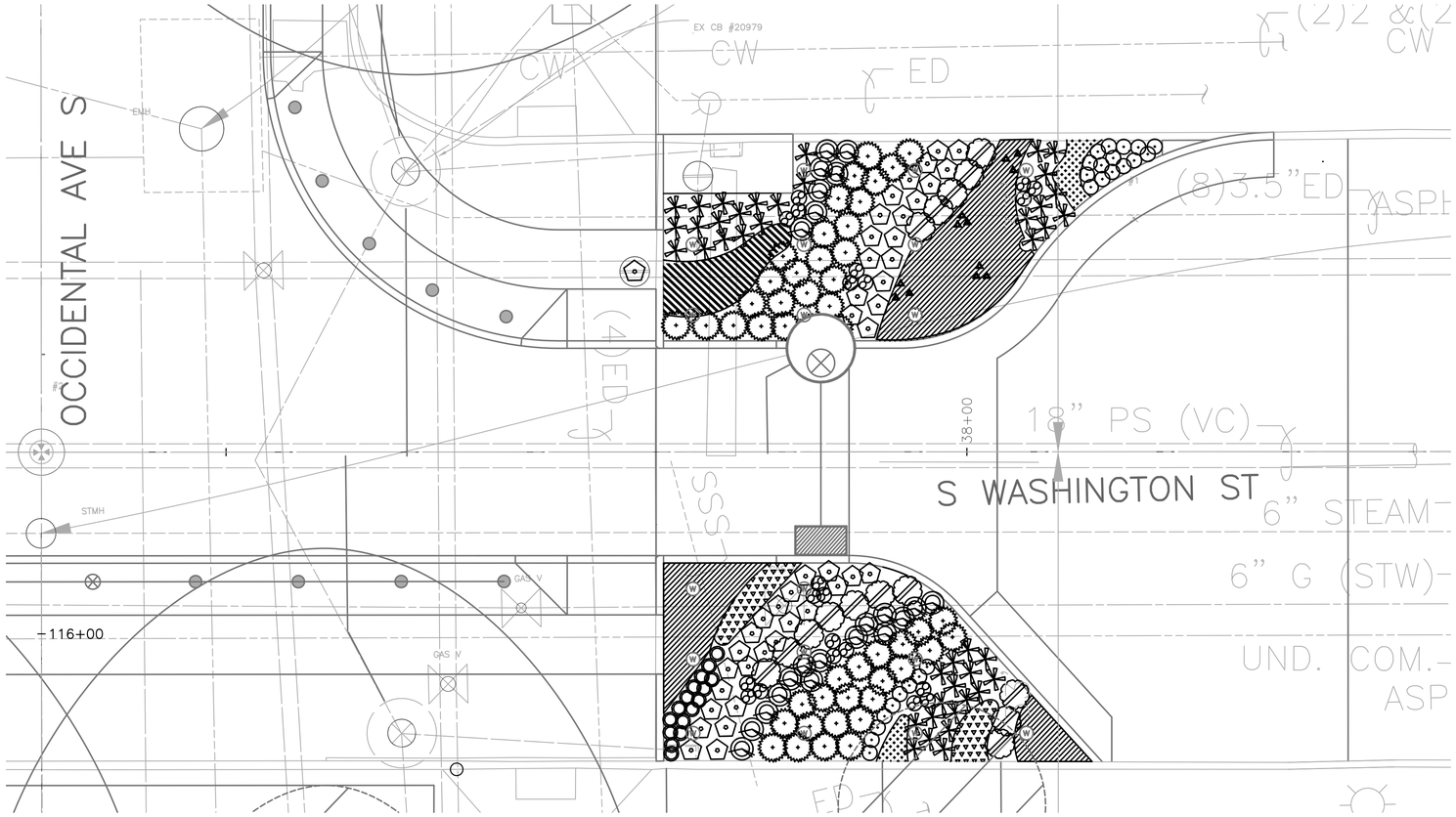
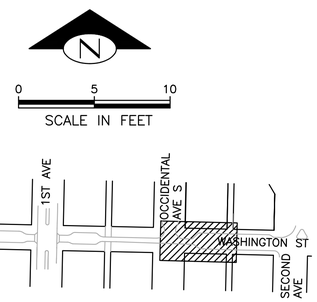


PLANTING ENLARGEMENT PLAN WASHINGTON 3 LP07

GENERAL NOTES:

1. REFER TO URBAN DESIGN / FURNISHINGS PLANS FOR ALL SOIL CELL EXTENTS AND WOODEN PIER PLACEMENT.
2. REFER TO TREES AND UNDERSTORY PLANS FOR ALL TREE PLACEMENT.
3. REFER TO IRRIGATION PLANS FOR IRRIGATION PLACEMENT.
4. REFER TO LPD21–LPD23 FOR SOIL AND SOIL CELL DETAILS.



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PIONEER SQUARE
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LP23
SHEET 159 OF 198

VAULT SERIAL NO.	DATE	MARK
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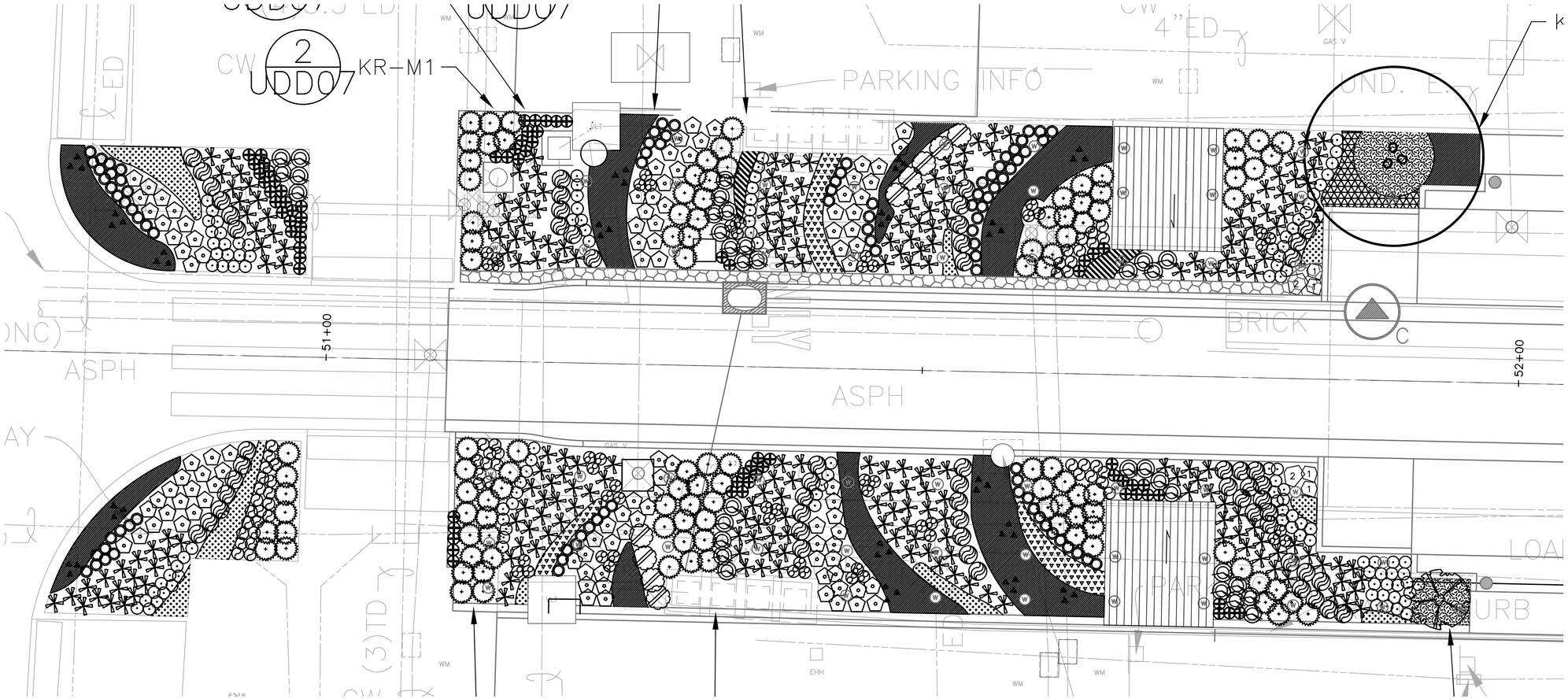
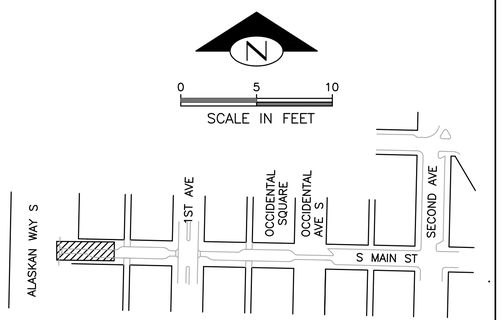


PLANTING ENLARGEMENT PLAN (4 / LP08)

GENERAL NOTES:

1. REFER TO URBAN DESIGN / FURNISHINGS PLANS FOR ALL SOIL CELL EXTENTS AND WOODEN PIER PLACEMENT.
2. REFER TO TREES AND UNDERSTORY PLANS FOR ALL TREE PLACEMENT.
3. REFER TO IRRIGATION PLANS FOR IRRIGATION PLACEMENT.
4. REFER TO LPD21–LPD23 FOR SOIL AND SOIL CELL DETAILS.



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DRAWN MW, CSH	RECEIVED
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Seattle Department of Transportation
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PIONEER SQUARE EAST–WEST STREETS

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CO JOB CO
VPI # 792–293
LP24
SHEET 160 OF 198

VAULT SERIAL NO. 38413
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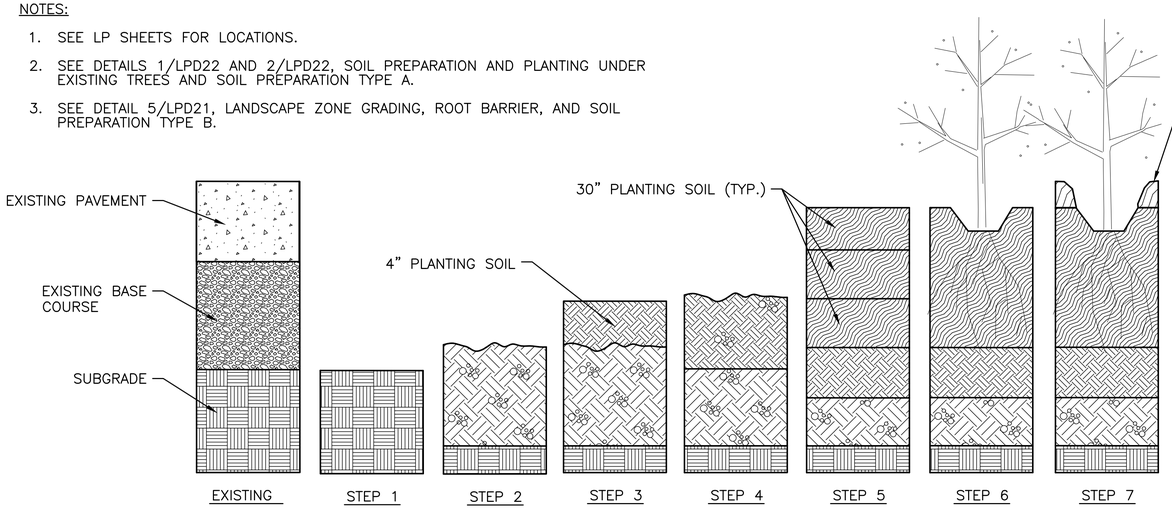
Jun-09-22 3:15pm

NOTES:

1. SEE LP SHEETS FOR LOCATIONS.
2. SEE DETAILS 1/LPD22 AND 2/LPD22, SOIL PREPARATION AND PLANTING UNDER EXISTING TREES AND SOIL PREPARATION TYPE A.
3. SEE DETAIL 5/LPD21, LANDSCAPE ZONE GRADING, ROOT BARRIER, AND SOIL PREPARATION TYPE B.



STEP 1
REMOVE EXISTING PAVEMENT SURFACING AND BASE COURSE. SEE DETAIL 5/LPD21

STEP 2
RIP SUBGRADE SOIL TO 8" DEPTH

STEP 3
ADD 4" PLANTING SOIL

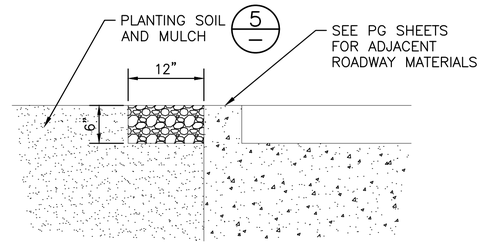
STEP 4
TILL AND INCORPORATE PLANTING SOIL TO DEPTH OF 8"

STEP 5
PLACE 30" PLANTING SOIL IN MAX 10" LIFTS

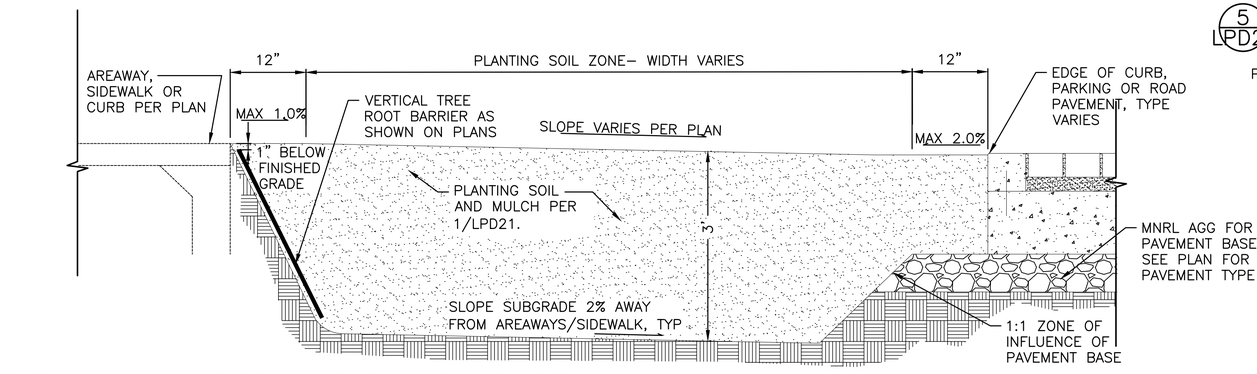
STEP 6
INSTALL PLANT (SEE COS STANDARD PLANTING DETAIL) AND TREE PLANTING DETAIL 3/LPD22

STEP 7
INSTALL 2" ARBORIST WOOD CHIP MULCH

SOIL PREPARATION TYPE B – SEQUENCE OF WORK 1
NTS VARIES



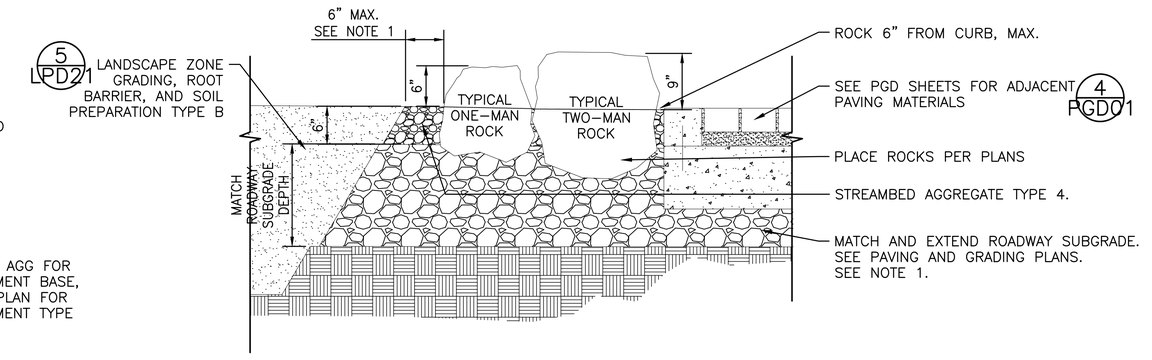
STREAMBED AGGREGATE 2
NTS VARIES



NOTES:

1. SEE DETAIL 1/LPD22, SOIL PREPARATION AND PLANTING UNDER EXISTING TREES.

LANDSCAPE ZONE GRADING, ROOT BARRIER, AND SOIL PREPARATION TYPE B 5
NTS VARIES



NOTES:

1. COMPACT ALL SUBGRADE/BACKFILL TO 95% COMPACTION BETWEEN AND BELOW/AROUND EMBEDDED PORTION OF BOULDERS, FOLLOWED BY PLANTING SOIL PREP OR OTHER ADJACENT MATERIALS PER PLANS AND SPECIFICATIONS. LAYOUT PER PLANS.
2. PLACING AND ARRANGEMENT OF BOULDERS SHALL NOT CREATE AN ENTRAPMENT AND/OR ENTANGLEMENT HAZARD. GAP SHALL BE LESS THAN 1" AT CLOSEST POINT, OR GREATER THAN 6".
3. SET ROCKS WITH FLATTEST FACE ON TOP, TYP.

LANDSCAPE ROCK 6
NTS VARIES

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Seattle Department of Transportation
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PIONEER SQUARE EAST–WEST STREETS

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CO JOB CO
VPI # 792-293
LPD21
SHEET 161 OF 198

MARK	DATE	CHK'D	REV'D

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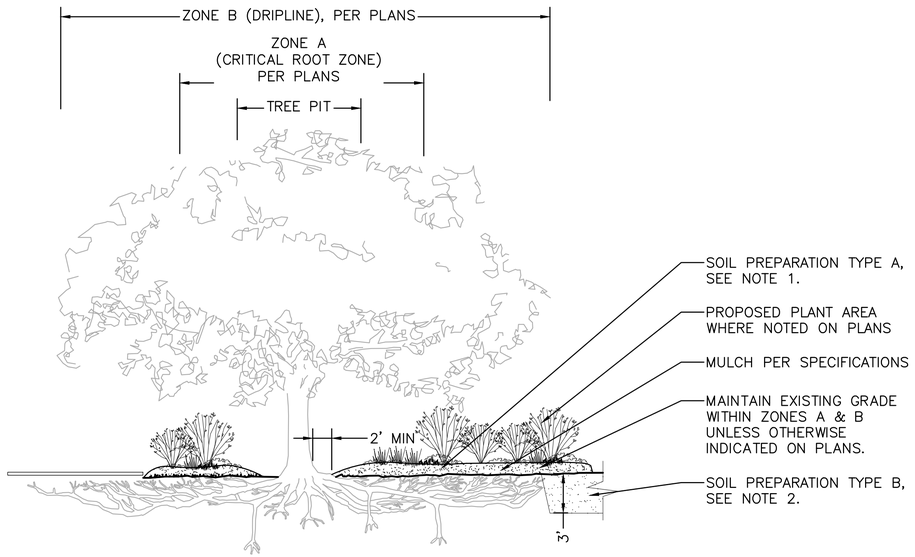
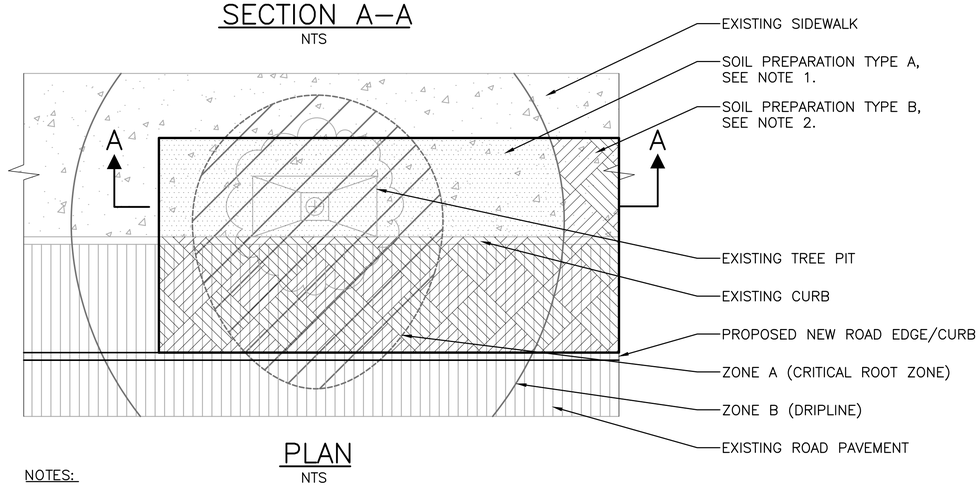


SECTION A–A
NTS

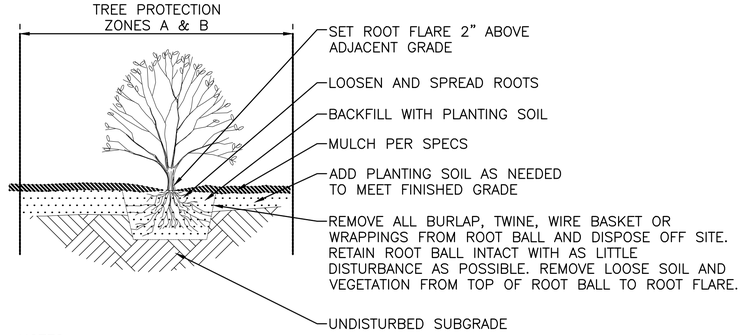


PLAN
NTS

NOTES:

1. PROVIDE SOIL PREPARATION TYPE A (SHRUB PIT PLANTING) FOR NEW PLANTINGS IN ZONES A AND IN NEW PLANTING AREAS IN ZONE B THAT ARE BEHIND EXISTING CURB PER DETAIL 2/LPD22, SOIL PREPARATION TYPE A – TYPICAL SHRUB PIT PLANTING WITHIN TREE PROTECTION ZONES A & B.
2. PROVIDE SOIL PREPARATION TYPE B (FULL SOIL PREP) WHERE PLANTING FALLS BEYOND EXISTING ROAD SIDE OF CURB WITHIN ZONE B PER DETAIL 1/LPD21, SOIL PREPARATION TYPE B – SEQUENCE OF WORK. ADDITIONALLY, PROVIDE SOIL PREPARATION TYPE B IN PLANTING AREAS LOCATED OUTSIDE OF ZONE B PER DETAIL 1/LPD21, SOIL PREPARATION TYPE B – SEQUENCE OF WORK.
3. SEE TREE PROTECTION AND PROTECTION FENCING DETAIL 1/CDN02.

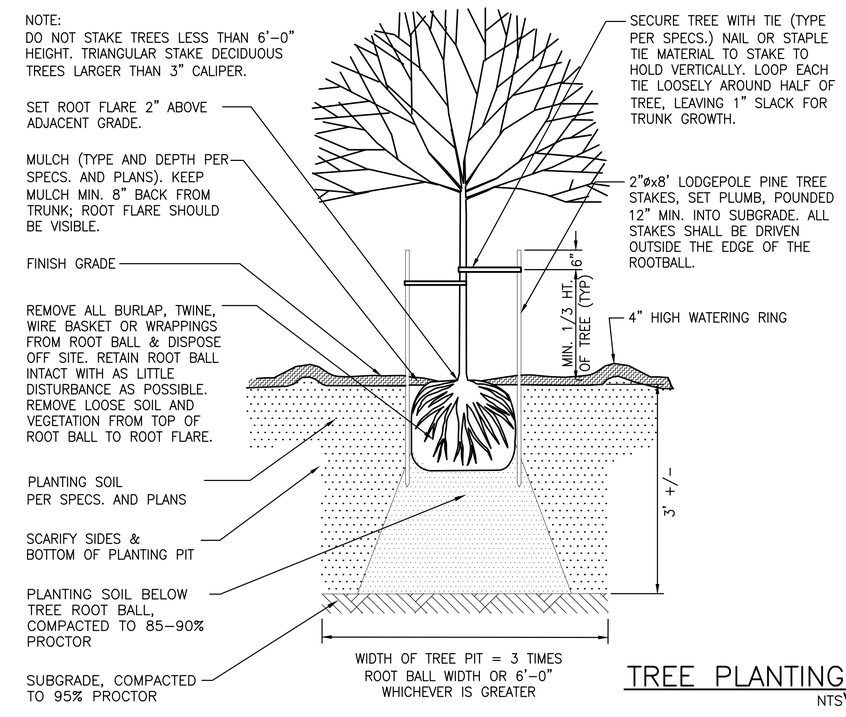
TYPICAL SOIL PREPARATION AND PLANTING UNDER EXISTING TREES 1
NTS VARIES



NOTES:

1. STOP DIGGING AND NOTIFY THE ARBORIST AND LANDSCAPE ARCHITECT IMMEDIATELY IF TREE ROOTS LARGER THAN 2" ARE ENCOUNTERED.
2. DO NOT STAKE TREES.
3. PITS SHALL BE ½ LARGER THAN THE ROOT BALL AND SUPPLEMENTED WITH PLANTING SOIL.
4. DO NOT SCARIFY SUBGRADE.
5. DO NOT DISTURB OR COMPACT SOIL OR TREE ROOTS WITHIN TREE PROTECTION ZONES A OR B. SEE 1/LPD22.
6. SEE PLANT SCHEDULE FOR SPACING REQUIREMENTS. NO MULCH ON LEAVES OR STEMS.
7. PLANTING TO BE PERFORMED WITH AN AIR SPADE OR BY HAND ONLY.

SOIL PREPARATION TYPE A – TYPICAL SHRUB PIT PLANTING WITHIN TREE PROTECTION ZONES A & B 2
NTS VARIES



TREE PLANTING 3
NTS VARIES

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VPI # 792–293
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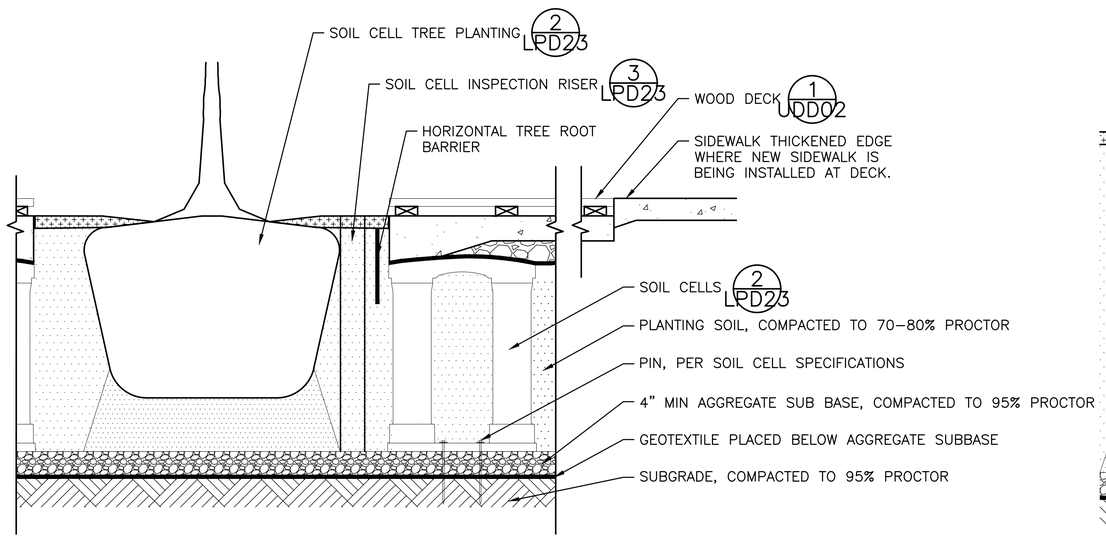
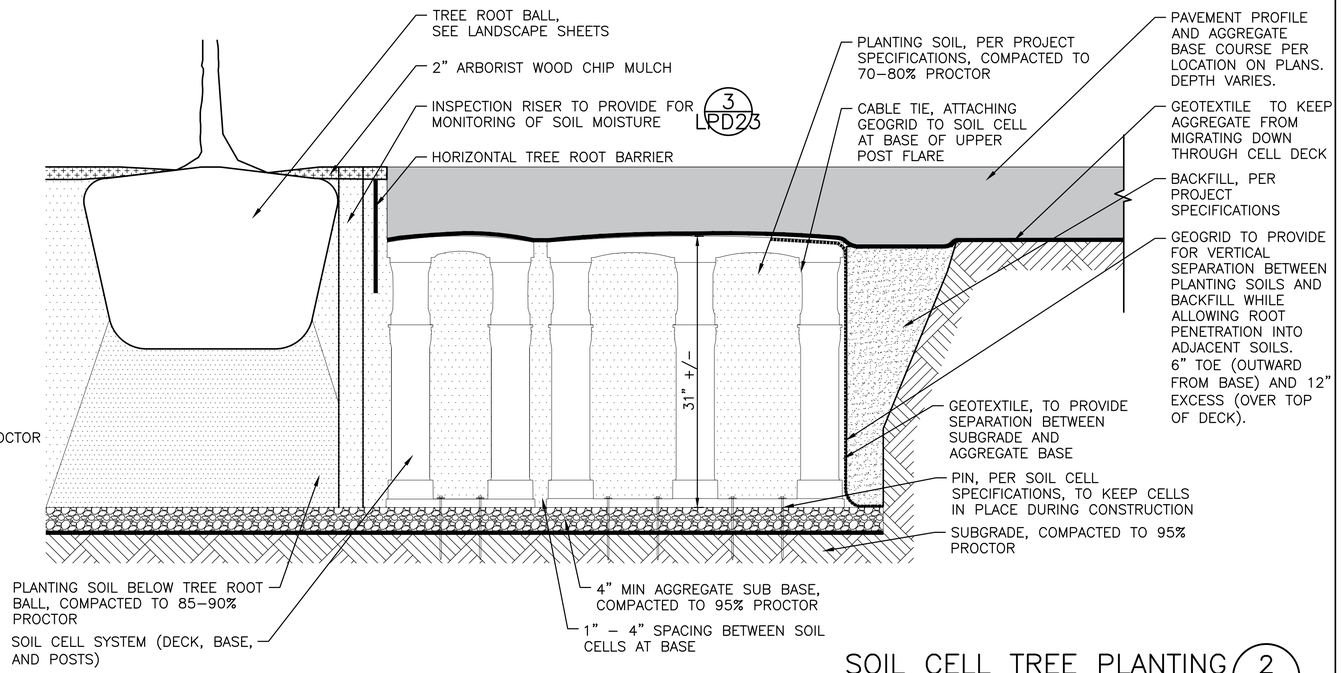


TREE PIT AT DECK 1 LP01
NTS



SOIL CELL TREE PLANTING 2 VARIES
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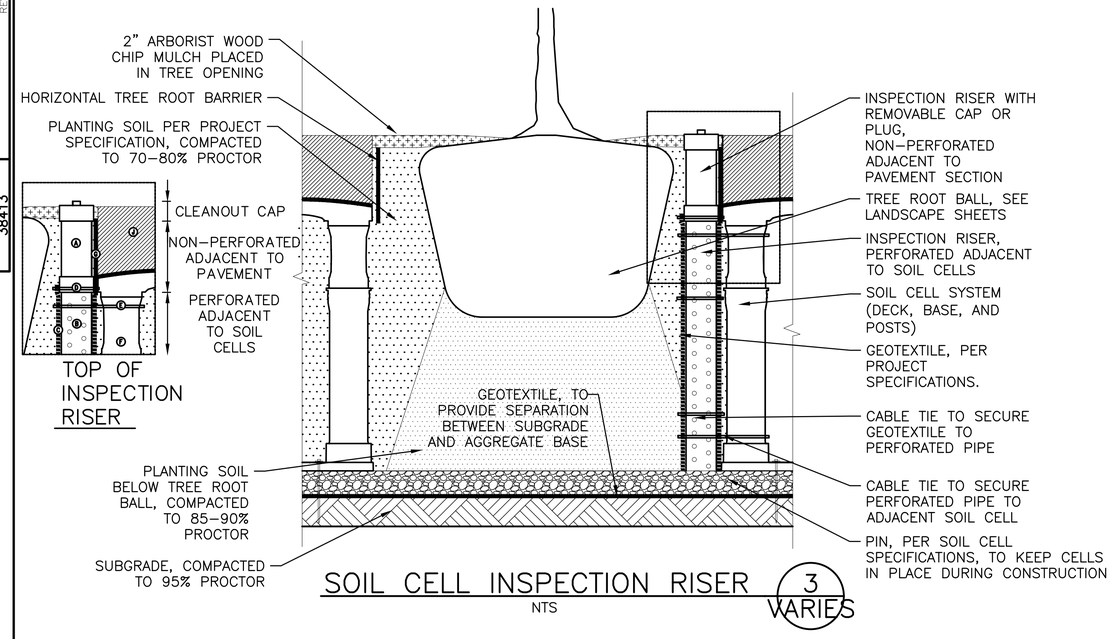
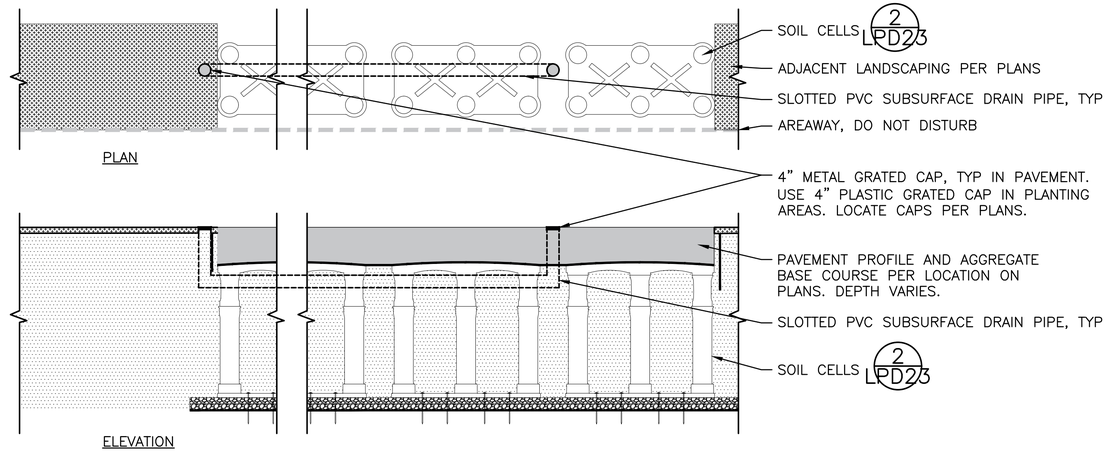


SOIL CELL INSPECTION RISER 3 VARIES
NTS



SOIL CELL BRIDGING AND AIR/WATER SYSTEM 4 LP04, LP08
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GENERAL IRRIGATION NOTES:

1. THE CONTRACTOR SHALL OBTAIN ANY PERTINENT AS–BUILT BEFORE BEGINNING WORK.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE ACQUISITION OF ALL NECESSARY PERMITS ASSOCIATED WITH THE CONSTRUCTION WORK INDICATED HEREIN BEFORE BEGINNING WORK.
3. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE AND THE MAXIMUM FLOW DEMAND SHOWN ON THE IRRIGATION DRAWINGS AT THE POINT–OF–CONNECTION. THE CONTRACTOR SHALL VERIFY WATER PRESSURE FOR APPROVAL BY ENGINEER AND PRIOR TO CONSTRUCTION AND PRIOR TO ORDERING MATERIALS. CONTRACTOR SHALL REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE ENGINEER. IN THE EVENT PRESSURE DIFFERENCES ARE NOT REPORTED PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS, AND COSTS ASSOCIATED WITH SAID REVISIONS.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH EXISTING CONDITIONS, EXISTING IRRIGATION SYSTEM TO REMAIN AND BE MODIFIED, GRADE DIFFERENCES, AND LOCATIONS OF ARCHITECTURAL FEATURES, INCLUDING BUT NOT LIMITED TO WALLS, PAVING, FENCING, ETC. CONTRACTOR SHALL COORDINATE WORK WITH ALL TRADES FOR LOCATION OF PIPE SLEEVES THROUGH WALLS, UNDER PAVING, STRUCTURES, ETC.
5. IN ADDITION TO SLEEVES SHOWN ON THE DRAWINGS THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF PIPE SLEEVEING FOR ALL PIPE UNDER PAVED AREAS, HARDSCAPE, AND AS DIRECTED BY OWNER'S REPRESENTATIVE. SLEEVING SHALL BE OF ADEQUATE SIZE BUT NO LESS A MINIMUM OF TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE CARRIED. SLEEVES SHALL EXTEND AT LEAST 12" PAST THE EDGE OF PAVING. REFER TO SLEEVING CHART FOR MORE INFORMATION.
6. THE CONTRACTOR IS REQUIRED TO NOTIFY AND COORDINATE LANDSCAPE IRRIGATION CONTRACT WORK WITH ALL APPLICABLE CONTRACTORS AND TRADES FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT, AND SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING, STRUCTURES, ETC., BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL REQUIRED REVISIONS.
7. IRRIGATION COMPONENTS SHOWN WITHIN PAVED AREAS ARE FOR GRAPHIC CLARITY ONLY. PLACE ALL PIPING, VALVES, QUICK COUPLING VALVES, AND OTHER IRRIGATION COMPONENTS WITHIN LIMIT OF WORK BOUNDARIES AND IN SHRUB PLANTING AREAS EXCEPT WHERE PIPES CROSS PAVING OR AS NOTED. AVOID ANY CONFLICTS BETWEEN THE IRRIGATION SYSTEM AND TREES, PLANTINGS, SITE FEATURES AND UTILITIES INCLUDING STORM DRAINAGE.
8. INSTALLATION OF THE IRRIGATION SYSTEM UNDER THIS CONTRACT SHALL CONFORM TO ALL LOCAL, COUNTY, AND STATE PROVISIONS AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THE WORK TO BE PERFORMED AND ARE HEREBY INCORPORATED INTO AND MADE PART OF THESE CONSTRUCTION DOCUMENTS AND SHALL BE CARRIED OUT BY THE CONTRACTOR. IN THE EVENT OF DIFFERENCES BETWEEN THE CODE COMPLIANCE REQUIREMENTS OF THIS CONTRACT, THE BETTER QUALITY, HIGHER STANDARD, LARGER SIZE, AND MORE STRINGENT REQUIREMENT SHALL PREVAIL.
9. PRIOR TO ANY TRENCHING THE CONTRACTOR SHALL ASCERTAIN THE LOCATION OF ALL EXISTING UNDERGROUND UTILITY LINES. CALL 811 A MINIMUM OF SEVENTY–TWO (72) HOURS PRIOR TO THE START OF CONSTRUCTION.
10. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER TO MAINTAIN GOOD PLANT HEALTH, APPEARANCE AND REASONABLE GROWTH. THE AMOUNT OF SUPPLEMENTAL WATER A PLANT REQUIRES IS DEPENDENT ON SOIL TYPE, PLANT MATERIAL, ROOTING DEPTH, CLIMATE, SEASONAL CHANGES, SLOPES, MOUNDS, SUN, SHADE AND WIND. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST THE IRRIGATION SCHEDULE AND ET VARIABLES AS NEEDED. IN ADDITION, THE CONTRACTOR SHALL PROVIDE SUPPLEMENTAL WATER TO ACCOMMODATE SPECIAL WATERING NEEDS OF PLANT MATERIAL THROUGH THE MAINTENANCE PERIOD. ACTUAL STATION RUN TIMES MAY VARY IN ACCORDANCE WITH VARYING SITE CONDITIONS.
11. ALL HEADS ARE TO BE INSTALLED WITH THE NOZZLE AND ARCS SHOWN ON THE PLANS. ALL HEADS ARE TO BE ADJUSTED TO PREVENT OVERSPRAY ONTO BUILDINGS, STRUCTURES, WALLS, FENCES AND HARDSCAPE. THIS INCLUDES, BUT NOT LIMITED TO, ADJUSTMENT OF DIFFUSER PIN OR ADJUSTMENT SCREW, REPLACEMENT OF NOZZLE WITH MORE APPROPRIATE RADIUS UNITS AND THE REPLACEMENT OF NOZZLES WITH ADJUSTABLE ARC UNITS. WHEN VERTICAL OBSTRUCTIONS (PROPS, STREET LIGHTS, TREES, ETC.) INTERFERE WITH THE SPRAY PATTERN OF THE SPRINKLER HEADS PREVENTING PROPER COVERAGE, THE CONTRACTOR SHALL FIELD ADJUST THE SPRINKLER SYSTEM BY INSTALLING A QUARTER CIRCLE OR HALF CIRCLE SPRINKLER HEAD ON EACH SIDE OF THE OBSTRUCTION SO AS TO PROVIDE PROPER COVERAGE ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.
12. CONTRACTOR SHALL ADJUST THE PLACEMENT OF THE BUBBLER LAYOUT AS PER ACTUAL FIELD CONDITIONS TO ACHIEVE FULL COVERAGE OF ALL PLANTED AREAS. THE CONTRACTOR WILL BE RESPONSIBLE OF INSTALLING ADDITIONAL BUBBLERS, AS NEEDED, TO PROVIDE ADEQUATE COVERAGE, AT NO ADDITIONAL COST TO THE CLIENT.

GENERAL IRRIGATION NOTES CONTINUED:

13. IRRIGATION SYSTEM SHALL BE OPERATIONAL & COVERAGE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION OF PLANTING MATERIAL.
14. THE CONTRACTOR SHALL ADJUST THE PRESSURE REGULATOR ON EACH REMOTE CONTROL VALVE SO THAT THE SPRINKLER HEAD FARTHEST AND HIGHEST IN ELEVATION FROM ITS RESPECTIVE CONTROL VALVE OPERATES WITHIN THE OPERATING PRESSURE SHOWN ON THE IRRIGATION LEGEND. NOT TO EXCEED FIVE (5) PSI ABOVE THE GIVEN OPERATING PRESSURE FROM THE SPECIFIED PRESSURE LOCATED ON THE IRRIGATION LEGEND.
15. THE CONTRACTOR SHALL FLUSH ALL EMISSION EQUIPMENT FOR OPTIMUM PERFORMANCE TO PROVIDE OPTIMAL EVEN DISTRIBUTION OF WATER, AND TO PROVIDE PROPER COVERAGE.
16. BUBBLER FLOW RATE, AND BUBBLER SPACING IS BASED ON TYPICAL SOILS ENCOUNTERED IN THE AREA. THE CONTRACTOR SHALL MAKE ANY MODIFICATION TO BUBBLER FLOW RATE, AND BUBBLER SPACING AS REQUIRED TO COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR AN EVEN WETTED PATTERN, BASED ON ACTUAL SOIL ANALYSIS. REFER TO BUBBLER MANUFACTURER RECOMMENDATIONS FOR ADDITIONAL INFORMATION. FINAL BUBBLER SPACING AND FLOW RATE TO BE APPROVED BY THE ENGINEER.
17. DRAINAGE OF IRRIGATION WATER THROUGH EMISSION DEVICES WILL NOT BE ALLOWED. DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL INSTALL ADDITIONAL IN–LINE CHECK VALVES AS REQUIRED IN ANY AREA WHERE EMISSION DEVICES SHOW SIGNS OF DRAINAGE AFTER IRRIGATION SYSTEM HAS OPERATED FROM AN ON TO OFF POSITION. INSTALLATION OF ADDITIONAL IN–LINE CHECK VALVES SHALL BE INCLUDED IN THE BID PRICE WITHOUT ADDITIONAL COST TO THE CLIENT.
18. ALL VALVES PROVIDING IRRIGATION TO SLOPES AREAS SHALL BE SCHEDULED IN MULTIPLE, SHORT CYCLES TO HELP ELIMINATE IRRIGATION WATER RUNOFF.
19. ALL IRRIGATION EQUIPMENT SHALL BE AS LISTED OR EQUAL AS APPROVED BY THE ENGINEER.
20. ALL REMOTE CONTROL VALVES CONNECTED TO THE EXISTING ALASKAN WAY CONTROLLER C1 ARE TO BE INSTALLED WITH A 2–WIRE DECODER. USE APPROPRIATE 2–WIRE CABLE AND WIRE SPLICE PACKS PER EXISTING CONTROLLER C1 MANUFACTURER'S RECOMMENDATIONS.
21. REFER TO TREE PROTECTION SPECIFICATION SECTION 8–01.3(2)B FOR TRENCHING PROTECTIVE MEASURES.
22. AIR SPADE TO BE USED WITHIN CRITICAL ROOT ZONES OF EXISTING TREES. REFER TO PLANTING PLANS FOR CRITICAL ROOT ZONE LOCATIONS.

AUTOMATIC CONTROLLER NOTES:

1. CONTROLLERS SHALL BE INSTALLED AT LOCATION AS SHOWN ON THE IRRIGATION PLANS WITHIN THE PUBLIC RIGHT–OF–WAY. REFER TO THE ELECTRICAL ENGINEERING PLANS FOR THE POINT–OF–CONNECTION TO THE POWER SOURCE AND ROUTING OF CONDUITS. SEE IRRIGATION PLAN FOR ORIENTATION AND ROUTING OF CONDUITS.
2. PRIOR TO ORDERING CONTROLLER, CONTRACTOR TO CONTACT RAIN BIRD FIELD REPRESENTATIVE TO VERIFY COMMUNICATIONS AT THE LOCATIONS OF IRRIGATION CONTROLLERS. CONTACT THE CITY'S REPRESENTATIVE IF FINAL LOCATION(S) OF CONTROLLERS DIFFERS BY 15' IN ANY DIRECTION.
3. ALL CABLES AND CONDUCTORS MUST BE INSTALLED IN CONDUIT AND SEALED PER NOTE 6 BELOW. EXTEND CONDUITS ALONG WITH APPROPRIATE CABLES/CONDUCTORS TO LOCATIONS SHOWN ON PLANS. PROVIDE AND INSTALL WIRING FOR NEW CONTROLLERS AS FOLLOWS; #14 CONTROL (RED), #14 COMMON (WHITE). USE 3M SCOTCHCAST #3570G–N EPOXY PACKS AT ALL SLICES.
4. IRRIGATION CONTROLLER, ENCLOSURE AND ASSOCIATED EQUIPMENT SHALL BE MANUFACTURED, AND ASSEMBLED BY RAIN BIRD. COORDINATE WITH LOCAL FIELD REPRESENTATIVE. CONTROLLER ASSEMBLY TO BE COVERED BY RAIN BIRD'S 5 YEAR WARRANTY.
5. PROVIDE ENGRAVED SCREW–ON PHENOLIC NAMEPLATE ON DEVICE BOX INDICATING LOCATION AND NAME OF ORIGINATING ELECTRICAL PANEL AND BRANCH CIRCUIT IDENTIFICATION NUMBER.
6. CONTRACTOR SHALL SEAL OFF ENDS OF CONDUIT AFTER INSTALLING CONDUCTORS/ WIRES WITH DUCT SEAL, AND CAP ENDS OF ALL SPARE CONDUITS. EXTEND SPARE CONDUITS 24" BEYOND FOUNDATION AND CAP WITH BRASS CAP.
7. PROVIDE ONE (1) #14 SPARE CONTROL WIRE (BLACK OR ORANGE) FROM EACH CONTROLLER TO A #6 PULL BOX LOCATED AT THE FURTHEST ENDS OF EACH MAINLINE RUN. CAP SPARE WIRES WITH 3M SCOTCHCAST #3570G–N EPOXY PACKS. LABEL AS "SPARE".
8. UPON COMPLETION OF CONTROLLER INSTALLATION, CONTACT RAIN BIRD'S REPRESENTATIVE TO VERIFY ON SITE THAT THE SYSTEM HAS BEEN INSTALLED PER MANUFACTURER'S INSTRUCTIONS. THE SYSTEM WILL NOT BE ACCEPTED UNTIL THE REPRESENTATIVE HAS INDICATED THAT THE SYSTEM HAS BEEN INSTALLED CORRECTLY AND IS IN SATISFACTORY OPERATION. CONTRACTOR TO PROVIDE PROGRAMMING OF CONTROLLER, WITH TRAINING (AT NO ADDITIONAL CHARGE TO THE CITY).
7. UPON FINAL VERIFICATION OF RAIN BIRD'S REPRESENTATIVE, CONTRACTOR TO CONTACT CITY OF SEATTLE AND TEST COMMUNICATIONS TO CITY OF SEATTLE'S IRRIGATION CENTRAL CONTROL IN THE PRESENCE OF THE CITY'S REPRESENTATIVE. ANY ADDITIONAL ADJUSTMENTS FOR FINAL COMMUNICATIONS SHALL BE AT NO ADDITIONAL CHARGE TO THE CITY.
8. CONTRACTOR SHALL PROVIDE TWO (2) KEYS FOR EACH CONTROLLER ENCLOSURE, AND SECURE THE ENCLOSURES WITH THE LOCK DURING CONSTRUCTION AND MAINTENANCE. LOCK SHALL BE KEYED TO THE NUMBER ASSIGNED BY CITY. IMMEDIATELY PRIOR TO PROJECT ACCEPTANCE, THE CONTRACTOR SHALL TURN THE KEYS OVER TO THE CITY.

EXISTING UTILITY NOTES:

1. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, VERIFY THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES, STRUCTURES, AND SERVICES WHICH MAY AFFECT CONTRACTOR'S OPERATION DURING CONSTRUCTION BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES, AND SERVICES SHOWN IN THESE PLANS ARE APPROXIMATE ONLY. ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ENGINEER.
2. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER AND/OR TELEPHONE, WATER, GAS, OIL, SEWER, ETC., SO AS TO SAFELY PROTECT ALL UTILITIES, PERSONNEL, AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION HEREIN.
3. WHERE IT IS NECESSARY TO EXCAVATE IN AREAS OF EXISTING UTILITIES, THE CONTRACTOR SHALL POTHOLE TO CONFIRM EXACT LOCATIONS OF EXISTING UTILITIES.
4. IN EXCAVATING AND WORKING NEAR EXISTING UTILITIES THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THE SAME.
5. IN CASE OF INTERRUPTION OF UTILITIES CAUSED BY THE CONTRACTOR'S OPERATION OR NEGLECT, THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR RECONSTRUCT DAMAGED ITEMS TO THE ENGINEER AND/OR UTILITY'S REPRESENTATIVE SATISFACTION AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL BE RESPONSIBLE TO HAVE THE UTILITIES IN SERVICE AS SOON AS POSSIBLE.

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		SDOT	PROJ. MGR.
DRAWN	DV 6/3/2022	RECEIVED	
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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0–02.3 OF THE PROJECT MANUAL.

STATE OF WASHINGTON · AMANDA J. BAILEY · NO. M28 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. .
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PW NO. 2021–061
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # 792–293
IRN01
SHEET 164 OF 198

IRRIGATION LEGEND:

SYMBOL	MFG'R	MODEL NO./DESCRIPTION
WM	–	1" DEDICATED IRRIGATION WATER METER– REFER TO CIVIL DRAWINGS.
	–	IRRIGATION POINT OF CONNECTION LOCATION BY LANDSCAPE CONTRACTOR. WHEN CONNECTING TO EXISTING ALASKAN WAY IRRIGATION SYSTEM, LOCATE AND CUT EXISTING 1.5" PVC MAIN LINE PIPE, REMOVE SECTION AND INSTALL 1.5" TEE FOR CONNECTION OF NEW MAIN LINE PIPE. LOCATE AND CONNECT TO EXISTING 2–WIRE CABLE AND INSTALL NEW 2–WIRE CABLE TO NEW C1 REMOTE CONTROL VALVES. FIELD VERIFY EXACT LOCATIONS OF EXISTING MAIN LINES AND 2–WIRE CABLES.
	FEBCO	LF850U (1") DOUBLE CHECK VALVE ASSEMBLY WITH UNION BALL VALVES. INSTALL WITHIN CONCRETE VAULT WITH LOCKING COVER. SIZE AS REQUIRED TO FACILITATE ACCESS AND MAINTENANCE. INSTALL PER LOCAL WATER DISTRICT GUIDELINES. INSTALL PER CITY OF SEATTLE STANDARD DETAIL 125.
M	RAIN BIRD	EFB–CP (1") BRASS NORMALLY CLOSED VALVE INSTALLED WITHIN STANDARD VALVE BOX WITH LOCKING COVER. INSTALL PER CITY OF SEATTLE STANDARD DETAIL 123.
F	RAIN BIRD	FS100B (1") BRASS TEE FLOW SENSOR. INSTALL WITHIN STANDARD VALVE BOX WITH LOCKING COVER. INSTALL INSTALL SHIELDED COMMUNICATION CABLE FROM FLOW SENSOR TO CONTROLLER "A" LOCATION. INSTALL PER CITY OF SEATTLE STANDARD DETAIL X.
	RAIN BIRD	PEB–PRS–D (1") PLASTIC GLOBE VALVE WITH PRESSURE REGULATING MODULE INSTALLED WITHIN STANDARD VALVE BOX WITH LOCKING COVER. SIZE PER PLAN. INSTALL WITHIN VALVE MANIFOLD WHEN GROUPED WITH OTHER VALVES. SIZE MANIFOLD TO MATCH MAINLINE SIZE OR LARGEST LATERAL LINE SIZE, WHICH EVER ONE IS LARGER. INSTALL PER CITY OF SEATTLE STANDARD DETAIL 122. VALVES CONNECTED TO EXISTING CONTROLLER C1 TO BE INSTALLED WITH BASELINE SINGLE STATION DECODER AT EACH VALVE FOR CONNECTION TO 2–WIRE PATH.
	RAIN BIRD	44–LRC SERIES QUICK COUPLING VALVE. BRASS TWO–PIECE BODY WITH LOCKING RUBBER COVER WITHIN 10" ROUND VALVE BOX WITH LOCKING COVER. 1" SIZE. EACH QCV SHALL BE ISOLATED FROM THE MAINLINE BY A GLOBE VALVE (SIZE PER LEGEND). PROVIDE WITH RAIN BIRD #44K QCV KEY, SWIVEL AND COVER KEY. INSTALL PER CITY OF SEATTLE STANDARD DETAIL 121.
	NIBCO	T–113 SERIES GATE VALVE. BRASS BODY WITH TURN WHEEL HANDLE WITHIN 10" ROUND VALVE BOX WITH LOCKING COVER. SIZE TO MATCH MAIN LINE PIPE. INSTALL PER CITY OF SEATTLE STANDARD DETAIL 124.
	JM EAGLE	PRESSURE MAINLINE PIPE. 1–1/2" SIZE THROUGHOUT UNLESS INDICATED OTHERWISE ON PLANS. USE SCHEDULE 40 PVC FOR MAINLINE PIPE 1–1/2" OR SMALLER. INSTALL WITH TRENCH MARKER TAPE. ALL MAINLINE SHALL USE SCHEDULE 40 PVC FITTINGS. INSTALL PER CITY OF SEATTLE STANDARD DETAIL 128.
	JM EAGLE	NON–PRESSURE LATERAL PIPE. SIZE PER PLAN; SCHEDULE 40 PVC. PIPE WITH SCHEDULE 40 PVC FITTINGS. INSTALL PER CITY OF SEATTLE STANDARD DETAIL 128.
	JM EAGLE	PVC PIPE AS SLEEVING. SCHEDULE 40 PVC. QUANTITIES SHOWN ON PLANS ARE FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL PROVIDE SIZE AND QUANTITY AS REQUIRED. REFER TO PIPE/WIRE SLEEVING CHART FOR MORE INFORMATION. SLEEVES SHALL BE USED WHENEVER PIPE AND WIRES CROSS UNDER PAVING, HARDSCAPE, ETC. INSTALL PER CITY OF SEATTLE STANDARD DETAIL 128.
A	RAIN BIRD	ESP12LXMEF CONVENTIONALLY WIRED IQ CONTROLLER, CELLULAR COMMUNICATION CARD, STAINLESS STEEL METERED PEDESTAL ENCLOSURE. INSTALL PER MANUFACTURER'S INSTRUCTIONS AND PER CITY OF SEATTLE STANDARD DETAILS 127 AND 129.
B	RAIN BIRD	ESP12LXMEF CONVENTIONALLY WIRED IQ CONTROLLER, CELLULAR COMMUNICATION CARD, STAINLESS STEEL METERED PEDESTAL ENCLOSURE. INSTALL PER MANUFACTURER'S INSTRUCTIONS AND PER CITY OF SEATTLE STANDARD DETAILS 127 AND 129.
NOT SHOWN C1	EXISTING BASELINE 2–WIRE CONTROLLER	INSTALLED UNDER ALASKAN WAY PROJECT. EXISTING VALVES C1–1 THROUGH C1–38 ARE TO REMAIN IN SERVICE. NEW VALVES CONNECTED TO THE EXISTING CONTROLLER WILL BEGIN WITH STATION C1–39.

OVERHEAD POP–UP SPRAY IRRIGATION SYSTEM

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	NOZZLE	OP. PSI	RADIUS	FLOW (GPM) 90°	180°	270°	EST	SST	360°	CITY OF SEATTLE DETAIL
5Q 5H	RAIN BIRD	RD–12–SP30F	MPR FIXED ARC NOZZLE ON PRESSURE REGULATED 12" POP–UP BODY WITH FACTORY INSTALLED CHECK VALVE, AND FLOW SHIELD. INSTALL ON SA–12–5050 PRE–ASSEMBLED FLEXIBLE SWING JOINT. ALL SPRINKLERS TO BE INSTALLED WITH A 12" OFFSET FROM PAVING EDGES, TYPICAL.	5Q,H	30	3'–5'	0.10	0.20					126
8Q 8H				8Q,H	30	6'–8'	0.29	0.59					126
10Q 10H				10Q,H	30	8'–10'	0.45	0.89					126
12Q 12H				12Q,H	30	10'–12'	0.59	1.18					126
15Q 15H				15Q,H	30	12'–15'	0.93	1.85					126
ES				15EST	30	4'X15'				0.61			126
SS				15SST	30	4'X30'					1.21		126

TREE ROOT WATERING SYSTEM

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	OPERATING PRESSURE (PSI)	FLOW PER BUBBLER (GPM)	QUANTITY PER TREE	TOTAL FLOW PER TREE (GPM)	CITY OF SEATTLE DETAIL
▲	HUNTER	RZWS–18–50	TREE BUBBLER IN A DEEP ROOT WATERING TUBE	30	0.5	3	1.5	X

IRRIGATION CHARTS:

PRESSURE MAINLINE PIPE SIZING CHART
SCH. 40 IPS U.S. PVC PLASTIC PIPE
(FOR REFERENCE USE ONLY)

PIPE SIZE	MAXIMUM GALLONS PER MINUTE
3/4 –INCH	6
1 – INCH	12
1–1/4 – INCHES	20
1–1/2 – INCHES	30

NON–PRESSURE LATERAL PIPE SIZING CHART
SCH. 40 IPS U.S. PVC PLASTIC PIPE
(FOR REFERENCE USE ONLY)

PIPE SIZE	MAXIMUM GALLONS PER MINUTE
3/4 –INCH	6
1 – INCH	12
1–1/4 – INCHES	20
1–1/2 – INCHES	30
2 – INCHES	50

CONDUIT/PIPE SLEEVE SIZING CHART
(FOR REFERENCE USE ONLY)

SCHEDULE 40 PVC PIPE SLEEVE SIZE	MAXIMUM IRRIGATION PIPE/WIRE CONDUIT SIZE
1–1/2 – INCHES	3/4 – INCH
2 – INCHES	1 – INCH
2–1/2 – INCHES	1–1/4 – INCH
3 – INCHES	1–1/2 – INCHES
4 – INCHES	2 – INCHES
SIZE OF SPARE SLEEVE TO MATCH SIZE OF LARGEST SLEEVE AT SAME LOCATION.	

MAXIMUM NUMBER OF WIRES TO BE INSTALLED
WITHIN SLEEVING OR CONDUIT
(FOR REFERENCE ONLY)

WIRE SIZE	CONDUIT / SLEEVE SIZE						
	1"	1.25"	1.5"	2"	2.5"	3"	4"
	MAXIMUM AMOUNT OF WIRES ALLOWED						
14	10	25	25	40	56	88	120+
12	7	20	20	33	50	75	102+
10	6	16	16	27	40	63	85+

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STATE OF WASHINGTON · AMANDA J. BAILEY · 22760 · EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021–061
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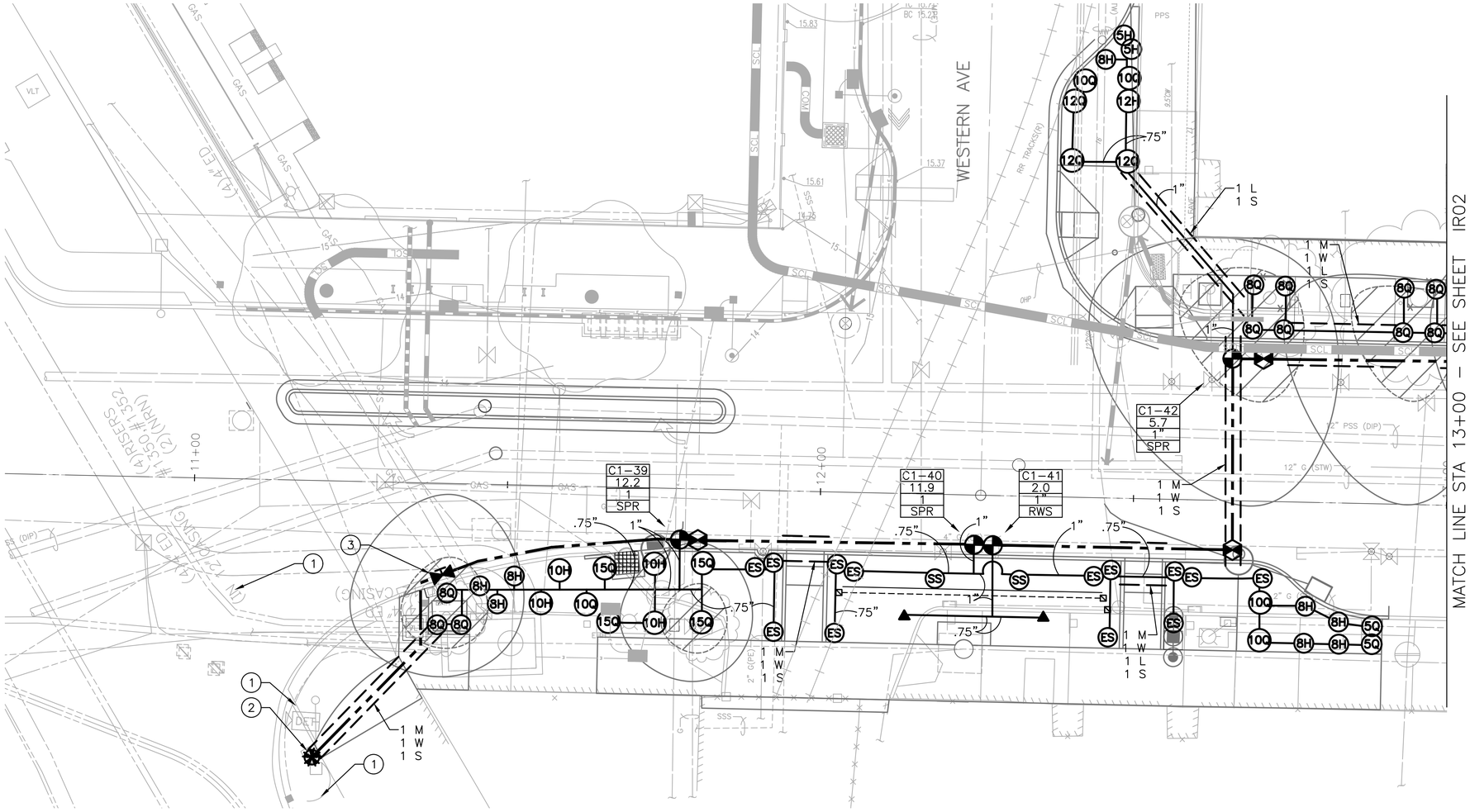
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE
EAST–WEST STREETS

IRRIGATION LEGEND

JOB PC JOB PC
CO JOB CO
VPI # 792–293
IRN02
SHEET 165 OF 198



LANDSCAPE IRRIGATION KEYED NOTES FOR THIS SHEET

(1) EXISTING ALASKAN WAY IRRIGATION MAIN LINE PIPE & 2–WIRE CABLE:
EXISTING IRRIGATION SYSTEM TO REMAIN IN SERVICE DURING CONSTRUCTION. PROTECT IN PLACE. THIS SYSTEM WILL PROVIDE WATER AND AUTOMATIC CONTROL FOR THE C1 VALVES ON THESE IRRIGATION PLANS. REFER TO ALASKAN WAY IRRIGATION DRAWINGS FOR ADDITIONAL INFORMATION. SEE IRRIGATION LEGEND FOR POINT OF CONNECTION INFORMATION.

(2) 1.5" IRRIGATION POINT OF CONNECTION:
SOURCE: 1.5" IRRIGATION MAIN LINE (PER ALASKAN WAY PLANS)
EXISTING WATER METER SIZE (PER ALASKAN WAY PLANS): 1"
EXISTING BACKFLOW DEVICE (PER ALASKAN WAY PLANS)
CONNECT TO EXISTING 2–WIRE CABLE (PER ALASKAN WAY PLANS)
AVAILABLE STATIC PRESSURE: 65 PSI. CONTRACTOR TO FIELD VERIFY.
REQUIRED DESIGN PRESSURE: 50 PSI
PEAK FLOW (MAX. DEMAND): 23 GPM

(3) 1.5" IRRIGATION SYSTEM SHUT OFF VALVE:
INSTALL GATE VALVE DOWNSTREAM FROM ALASKAN WAY IRRIGATION SYSTEM POINT OF CONNECTION LOCATION. WORK SHALL CONFORM WITH LOCAL CODES.

GENERAL IRRIGATION LEGEND

SLEEVING: REFER TO IRRIGATION LEGEND ON SHEET IRN02 FOR TYPE AND SIZE.

#M MAINLINE PIPE SLEEVE QUANTITY
#L LATERAL PIPE SLEEVE QUANTITY
#S EMPTY SLEEVE QUANTITY
#W WIRE SLEEVE QUANTITY

VALVE CALLOUT
CONTROLLER NUMBER
GALLONS PER MINUTE
VALVE SIZE
RWS – TREE ROOT WATERING SYSTEM
SPR – POP UP MPR SPRAY SPRINKLER
1–1/2" PIPE SIZING CALLOUT

GENERAL NOTES

1. REFER TO THE IRRIGATION EQUIPMENT LEGEND ON IRN02 AND THE GENERAL IRRIGATION NOTES ON SHEET IRN01 FOR ADDITIONAL INFO.
2. REFER TO THE CITY OF SEATTLE STANDARD IRRIGATION DETAILS LISTED IN THE IRRIGATION LEGEND FOR ADDITIONAL INFORMATION.
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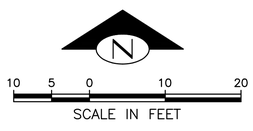

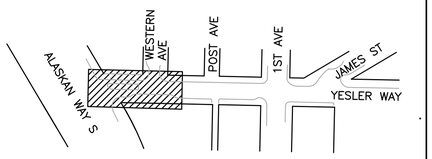

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CHECKED MD 6/3/2022	
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STATE OF WASHINGTON · AMANDA J. BAILEY · 21808 · LANDSCAPE ARCHITECT · SIGN PAGE 6/3/2022

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IR01
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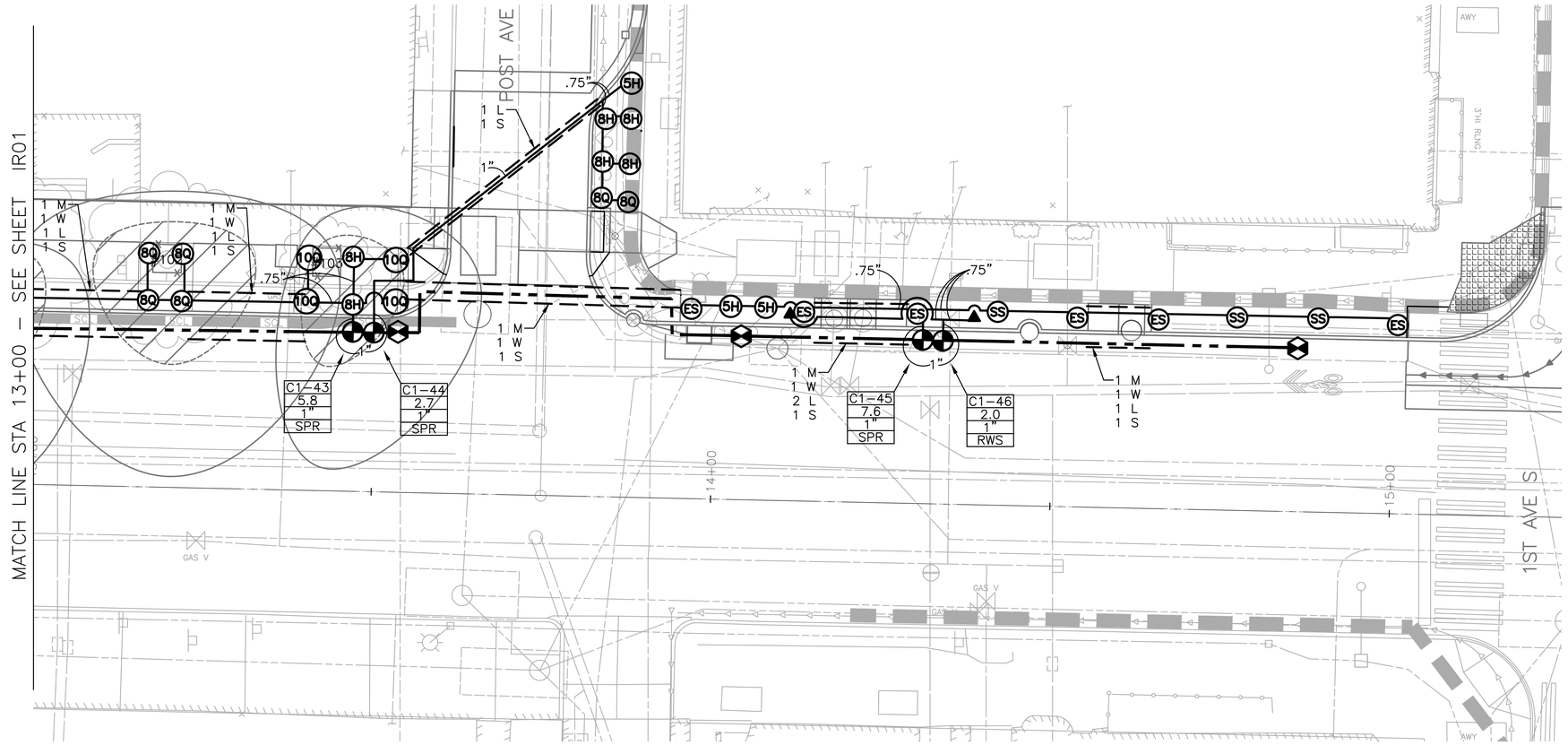

GENERAL IRRIGATION LEGEND

SLEEVING: REFER TO IRRIGATION LEGEND ON SHEET IRN02 FOR TYPE AND SIZE.

#M MAINLINE PIPE SLEEVE QUANTITY
#L LATERAL PIPE SLEEVE QUANTITY
#S EMPTY SLEEVE QUANTITY
#W WIRE SLEEVE QUANTITY

VALVE CALLOUT

CONTROLLER NUMBER
GALLONS PER MINUTE
VALVE SIZE
RWS – TREE ROOT WATERING SYSTEM
SPR – POP UP MPR SPRAY SPRINKLER
1–1/2" PIPE SIZING CALLOUT

GENERAL NOTES

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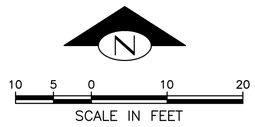

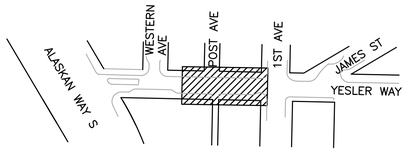

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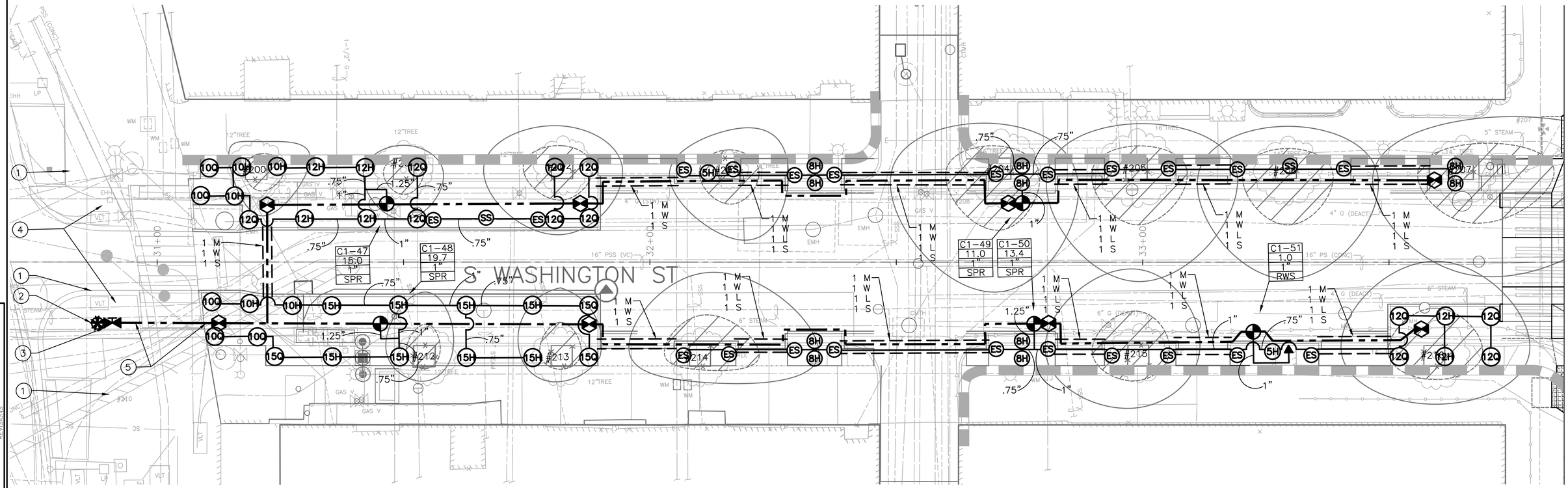

GENERAL IRRIGATION LEGEND

SLEEVING: REFER TO IRRIGATION LEGEND ON SHEET IRN02 FOR TYPE AND SIZE.

#M MAINLINE PIPE SLEEVE QUANTITY
#L LATERAL PIPE SLEEVE QUANTITY
#S EMPTY SLEEVE QUANTITY
#W WIRE SLEEVE QUANTITY

VALVE CALLOUT

- CONTROLLER NUMBER
- GALLONS PER MINUTE
- VALVE SIZE
- RWS – TREE ROOT WATERING SYSTEM
- SPR – POP UP MPR SPRAY SPRINKLER

1–1/2" PIPE SIZING CALLOUT

GENERAL NOTES

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LANDSCAPE IRRIGATION KEYED NOTES FOR THIS SHEET

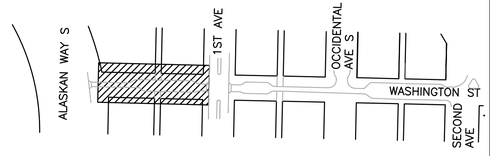
(1) EXISTING ALASKAN WAY IRRIGATION MAIN LINE PIPE & 2–WIRE CABLE:
EXISTING IRRIGATION SYSTEM TO REMAIN IN SERVICE DURING CONSTRUCTION. PROTECT IN PLACE. THIS SYSTEM WILL PROVIDE WATER AND AUTOMATIC CONTROL FOR THE C1 VALVES ON THESE IRRIGATION PLANS. REFER TO ALASKAN WAY IRRIGATION DRAWINGS FOR ADDITIONAL INFORMATION. SEE IRRIGATION LEGEND FOR POINT OF CONNECTION INFORMATION.

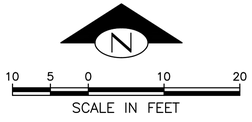
(2) 1.5" IRRIGATION POINT OF CONNECTION:
SOURCE: 1.5" IRRIGATION MAIN LINE (PER ALASKAN WAY PLANS)
EXISTING WATER METER SIZE (PER ALASKAN WAY PLANS): 1"
EXISTING BACKFLOW DEVICE (PER ALASKAN WAY PLANS)
CONNECT TO EXISTING 2–WIRE CABLE (PER ALASKAN WAY PLANS)
AVAILABLE STATIC PRESSURE: 65 PSI. CONTRACTOR TO FIELD VERIFY.
REQUIRED DESIGN PRESSURE: 50 PSI
PEAK FLOW (MAX. DEMAND): 20 GPM

(3) 1.5" IRRIGATION SYSTEM SHUT OFF VALVE:
INSTALL GATE VALVE DOWNSTREAM FROM ALASKAN WAY IRRIGATION SYSTEM POINT OF CONNECTION LOCATION. WORK SHALL CONFORM WITH LOCAL CODES.

(4) EXISTING ALASKAN WAY IRRIGATION SYSTEM:
EXISTING SPRAY IRRIGATION SYSTEM ASSOCIATED WITH ALASKAN WAY IS TO REMAIN OPERATIONAL DURING CONSTRUCTION. PROTECT IN PLACE. FIELD VERIFY AND DOCUMENT LOCATIONS AND OPERATING STATUS OF EXISTING SYSTEM COMPONENTS.

(5) TRENCHLESS CROSSING AT EXISTING PAVING:
CONTRACTOR TO INSTALL IRRIGATION MAIN LINE PIPE AND 2–WIRE CABLE (FROM EXISTING ALASKAN WAY SYSTEM) BENEATH PAVING WITHOUT REMOVAL OF PAVING. POSSIBLE METHODS INCLUDE WATER JETTING WITH NOZZLE ATTACHED TO PIPE, OR BY DRIVING TWO PIPES (2" AND 1" DIAMETERS) TO ALLOW INSERTION OF MAIN LINE AND 2–WIRE CABLE. FIELD VERIFY CONDITIONS AND EXISTING UTILITIES PRIOR TO PERFORMING CROSSING.





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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 4428 · EXP. 7/3/2023 · LANDSCAPE ARCHITECT

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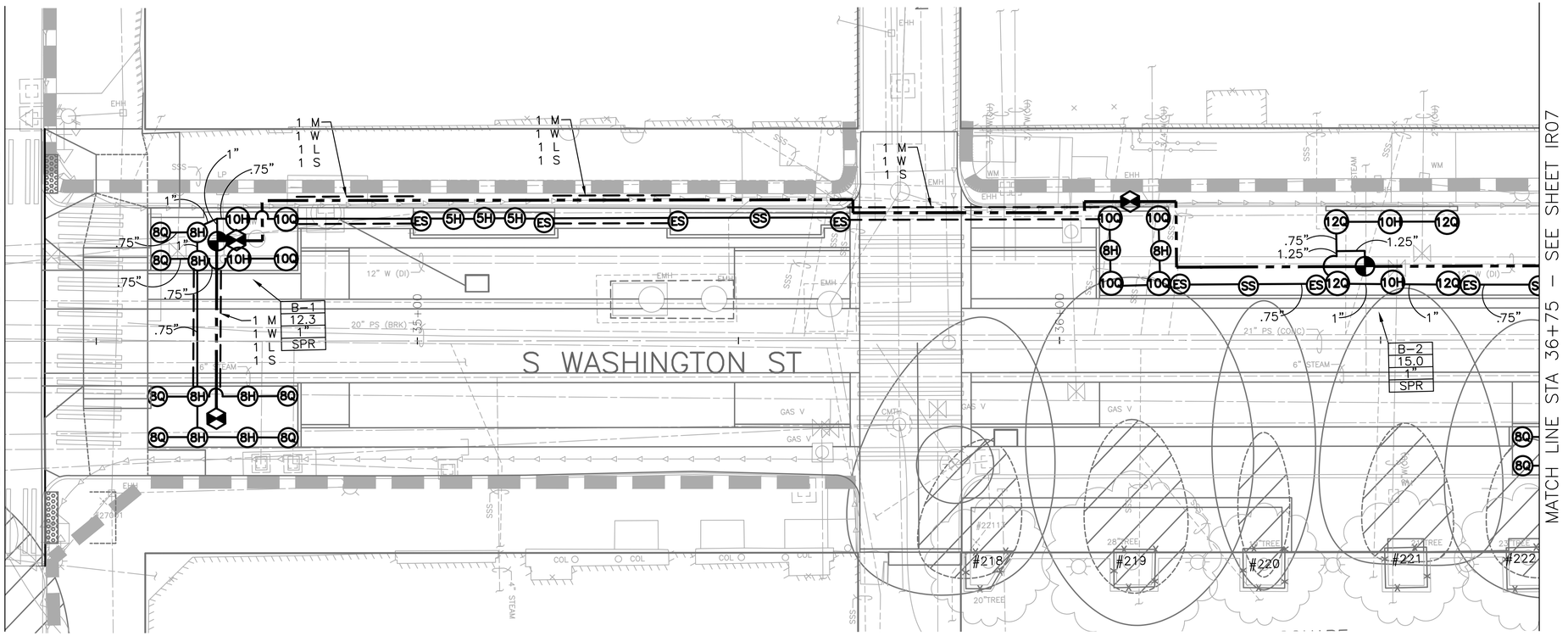

GENERAL IRRIGATION LEGEND

SLEEVING: REFER TO IRRIGATION LEGEND ON SHEET IRN02 FOR TYPE AND SIZE.

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#L LATERAL PIPE SLEEVE QUANTITY
#S EMPTY SLEEVE QUANTITY
#W WIRE SLEEVE QUANTITY

VALVE CALLOUT

- CONTROLLER NUMBER
- GALLONS PER MINUTE
- VALVE SIZE
- RWS – TREE ROOT WATERING SYSTEM
- SPR – POP UP MPR SPRAY SPRINKLER
- 1–1/2" PIPE SIZING CALLOUT

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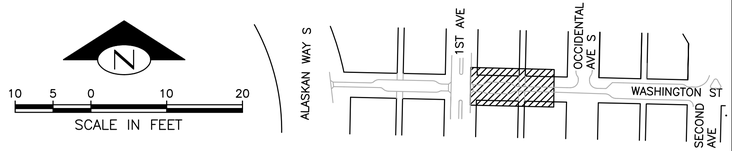

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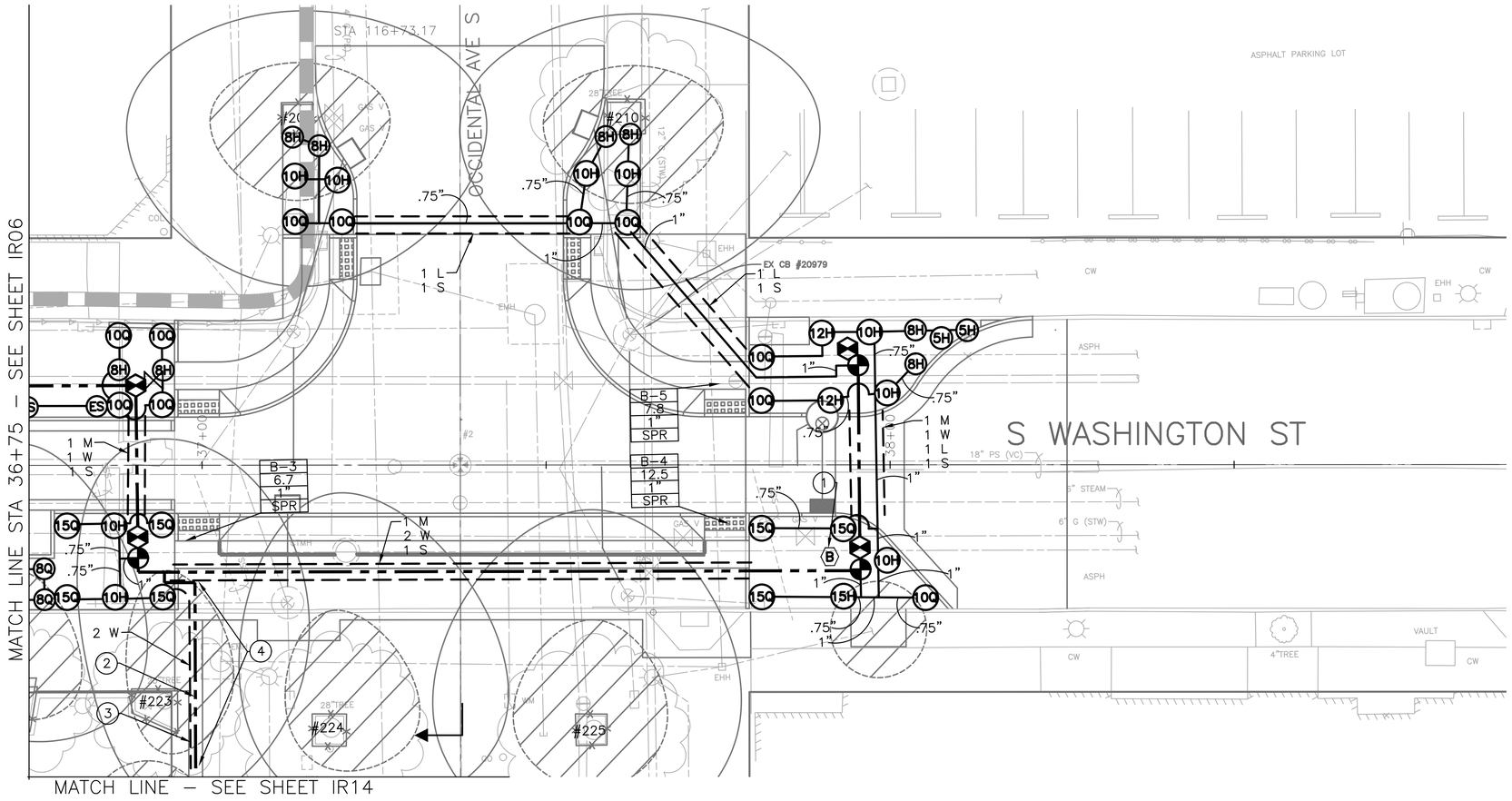

LANDSCAPE IRRIGATION KEYED NOTES FOR THIS SHEET

(1) AUTOMATIC IRRIGATION CONTROLLER 'B':
INSTALL PEDESTAL MOUNTED CONTROLLER. FIELD VERIFY LOCATION OF ELECTRICAL POWER SOURCE AS PER ELECTRICAL DRAWINGS. FINAL LOCATION OF CONTROLLER PER CITY'S REPRESENTATIVE. REFER TO AUTOMATIC CONTROLLER NOTES FOR ADDITIONAL REQUIREMENTS. REFER TO LEGEND FOR MODEL NUMBER AND DETAIL INFORMATION.

(2) 1.5" IRRIGATION MAIN LINE PIPE AT OCCIDENTAL AVE. (ONLY):
MAIN LINE PIPE TO BE INSTALLED 3.5' FROM PROPERTY LINE IN TRENCH PER STD. DETAIL 128 WITH THE FOLLOWING CHANGES. NO SLEEVE WILL BE INSTALLED, AND PIPE WILL BE SET IN 6" BED OF SAND AND BACKFILLED WITH SAND 6" MINIMUM ABOVE TOP OF PIPE. AGG BASE ABOVE SAND PER DETAIL. REPAIR DISTURBED EXISTING HARDSCAPE BACK TO ITS PRE CONSTRUCTION CONDITION. PRESSURE TEST MAIN LINE PIPE TO ENSURE NO LEAKS PRIOR TO BACKFILLING.

(3) 1.5" WIRE CONDUITS AT OCCIDENTAL AVE. (ONLY):
TWO (2) 1.5" CONDUITS TO BE INSTALLED IN SAME TRENCH ADJACENT TO MAIN LINE PIPE. ONE CONDUIT IS FOR WIRE RUN FROM CONTROLLER LOCATION TO MASTER VALVE AND FLOW SENSOR. THE SECOND CONDUIT IS FOR LOW VOLTAGE CONTROL WIRES TO THE REMOTE CONTROL VALVES. INSTALL APPROPRIATE QUANTITY OF WIRES. PULL BOXES WITH SWEEPS TO BE INSTALLED AS REQUIRED (200' MAX.). PULL BOXES LOCATE WITHIN PAVING TO BE TRAFFIC RATED CONCRETE WITH TRAFFIC RATED LIDS.

(4) TRENCH AND PAVEMENT RESTORATION AT OCCIDENTAL AVE:
LOCATION OF EXISTING PAVEMENT REMOVAL, TRENCHING, PIPE AND CONDUIT INSTALLATION, BACKFILL AND PAVEMENT RESTORATION.

GENERAL IRRIGATION LEGEND

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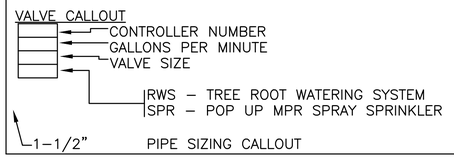
VALVE CALLOUT



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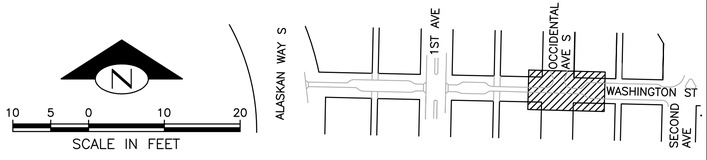

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STATE OF WASHINGTON · AMANDA J. BAILEY · 20828 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

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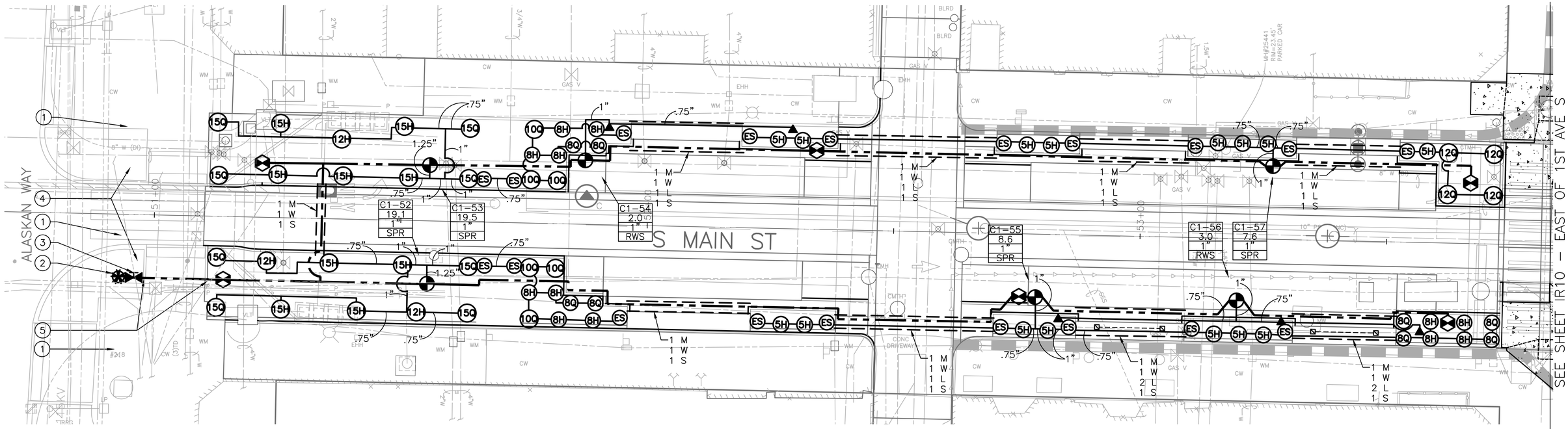


LANDSCAPE IRRIGATION KEYED NOTES FOR SHEET IR08

1. EXISTING ALASKAN WAY IRRIGATION MAIN LINE PIPE & 2–WIRE CABLE:
   EXISTING IRRIGATION SYSTEM TO REMAIN IN SERVICE DURING CONSTRUCTION. PROTECT IN PLACE. THIS SYSTEM WILL PROVIDE WATER AND AUTOMATIC CONTROL FOR THE C1 VALVES ON THESE IRRIGATION PLANS. REFER TO ALASKAN WAY IRRIGATION DRAWINGS FOR ADDITIONAL INFORMATION. SEE IRRIGATION LEGEND FOR POINT OF CONNECTION INFORMATION.

2. 1.5" IRRIGATION POINT OF CONNECTION:
   SOURCE: 1.5" IRRIGATION MAIN LINE (PER ALASKAN WAY PLANS)
   EXISTING WATER METER SIZE (PER ALASKAN WAY PLANS): 1"
   EXISTING BACKFLOW DEVICE (PER ALASKAN WAY PLANS)
   CONNECT TO EXISTING 2–WIRE CABLE (PER ALASKAN WAY PLANS)
   AVAILABLE STATIC PRESSURE: 65 PSI. CONTRACTOR TO FIELD VERIFY.
   REQUIRED DESIGN PRESSURE: 50 PSI
   PEAK FLOW (MAX. DEMAND): 20 GPM

3. 1.5" IRRIGATION SYSTEM SHUT OFF VALVE:
   INSTALL GATE VALVE DOWNSTREAM FROM ALASKAN WAY IRRIGATION SYSTEM POINT OF CONNECTION LOCATION. WORK SHALL CONFORM WITH LOCAL CODES.

4. EXISTING ALASKAN WAY IRRIGATION SYSTEM:
   EXISTING SPRAY IRRIGATION SYSTEM ASSOCIATED WITH ALASKAN WAY IS TO REMAIN OPERATIONAL DURING CONSTRUCTION. PROTECT IN PLACE. FIELD VERIFY AND DOCUMENT LOCATIONS AND OPERATING STATUS OF EXISTING SYSTEM COMPONENTS.

5. TRENCHLESS CROSSING AT EXISTING PAVING:
   CONTRACTOR TO INSTALL IRRIGATION MAIN LINE PIPE AND 2–WIRE CABLE (FROM EXISTING ALASKAN WAY SYSTEM) BENEATH PAVING WITHOUT REMOVAL OF PAVING. POSSIBLE METHODS INCLUDE WATER JETTING WITH NOZZLE ATTACHED TO PIPE, OR BY DRIVING TWO PIPES (2" AND 1" DIAMETERS) TO ALLOW INSERTION OF MAIN LINE AND 2–WIRE CABLE. FIELD VERIFY CONDITIONS AND EXISTING UTILITIES PRIOR TO PERFORMING CROSSING.

GENERAL IRRIGATION LEGEND

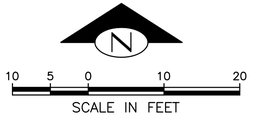
SLEEVING: REFER TO IRRIGATION LEGEND ON SHEET IRN02 FOR TYPE AND SIZE.

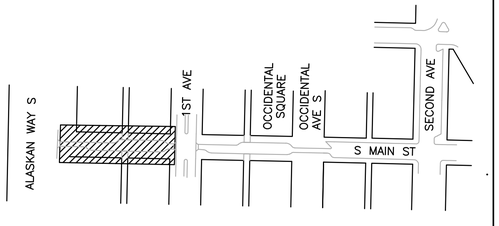
#M MAINLINE PIPE SLEEVE QUANTITY
#L LATERAL PIPE SLEEVE QUANTITY
#S EMPTY SLEEVE QUANTITY
#W WIRE SLEEVE QUANTITY

VALVE CALLOUT
CONTROLLER NUMBER
GALLONS PER MINUTE
VALVE SIZE
RWS – TREE ROOT WATERING SYSTEM
SPR – POP UP MPR SPRAY SPRINKLER
1–1/2" PIPE SIZING CALLOUT

GENERAL NOTES

1. REFER TO THE IRRIGATION EQUIPMENT LEGEND ON IRN02 AND THE GENERAL IRRIGATION NOTES ON SHEET IRN01 FOR ADDITIONAL INFO.
2. REFER TO THE CITY OF SEATTLE STANDARD IRRIGATION DETAILS LISTED IN THE IRRIGATION LEGEND FOR ADDITIONAL INFORMATION.
3. ALL MAINLINE, LATERAL PIPE, VALVES, AND OTHER IRRIGATION SYSTEM APPURTENANCES SHOWN IN PAVED AREA IS FOR GRAPHICAL CLARITY ONLY. CONTRACTOR TO PLACE MAINLINE, LATERAL PIPE, VALVES AND ALL IRRIGATION APPURTENANCES WITHIN ADJACENT PLANTING AREAS UNLESS NOTED OTHERWISE ON THE PLANS.
4. CONTRACTOR SHALL ROUTE ALL IRRIGATION MAINLINE, LATERAL PIPE AND SLEEVES AROUND ALL SERVICE LINES, UTILITIES, STORM DRAINAGE FACILITIES, ETC. IN ORDER TO AVOID ANY CONFLICTS IN THE FIELD. INSTALL IRRIGATION PIPE BELOW STORM DRAINAGE PIPES WHERE REQUIRED TO MAINTAIN THE MINIMAL DEPTH REQUIREMENTS.





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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 4928 EXP 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . . PW NO. 2021–061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB	PC JOB PC
	CO JOB CO
VPI #	792–293
	IR08
SHEET	171 OF 198

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Jun–09–22 9:45am

GENERAL IRRIGATION LEGEND

SLEEVING: REFER TO IRRIGATION LEGEND ON SHEET IRN02 FOR TYPE AND SIZE.

#M MAINLINE PIPE SLEEVE QUANTITY
#L LATERAL PIPE SLEEVE QUANTITY
#S EMPTY SLEEVE QUANTITY
#W WIRE SLEEVE QUANTITY

VALVE CALLOUT

GENERAL NOTES

1. REFER TO THE IRRIGATION EQUIPMENT LEGEND ON IRN02 AND THE GENERAL IRRIGATION NOTES ON SHEET IRN01 FOR ADDITIONAL INFO.
2. REFER TO THE CITY OF SEATTLE STANDARD IRRIGATION DETAILS LISTED IN THE IRRIGATION LEGEND FOR ADDITIONAL INFORMATION.
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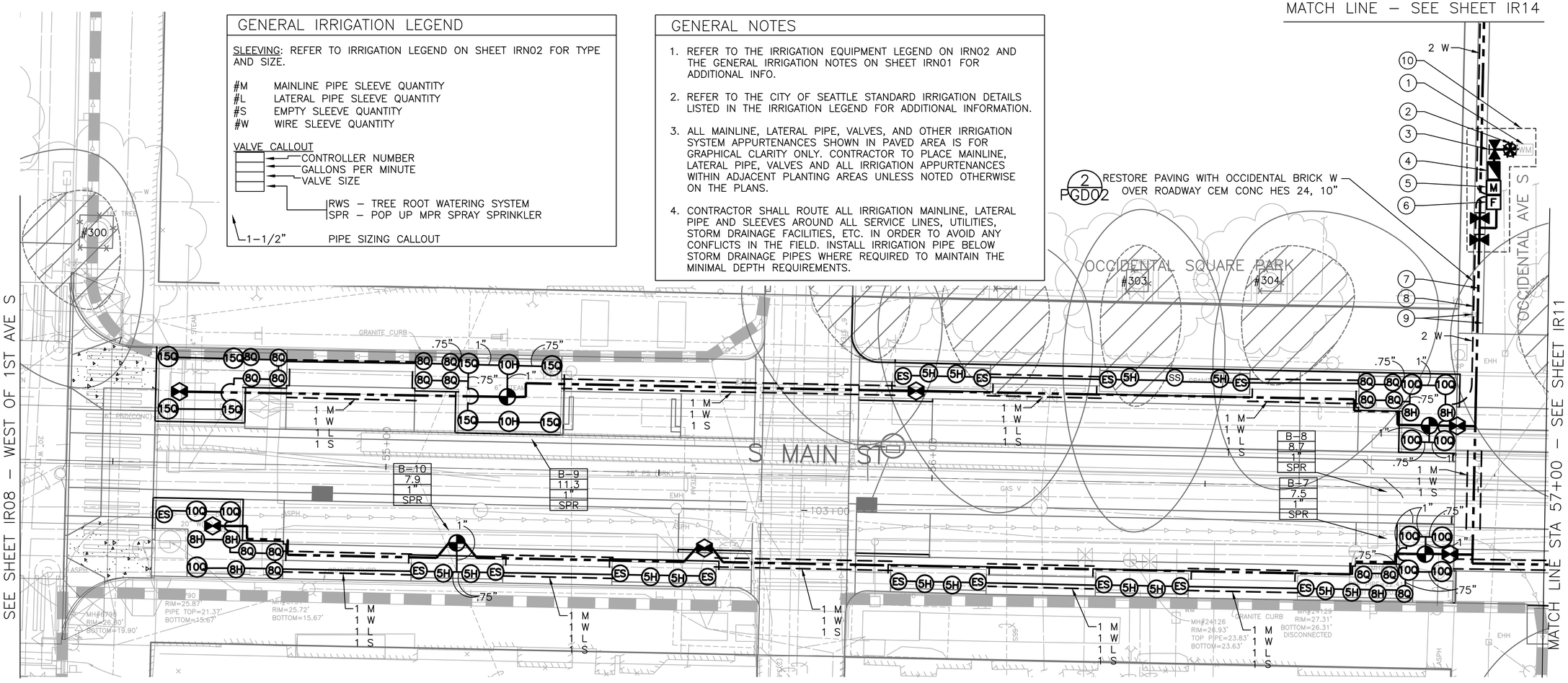
4. CONTRACTOR SHALL ROUTE ALL IRRIGATION MAINLINE, LATERAL PIPE AND SLEEVES AROUND ALL SERVICE LINES, UTILITIES, STORM DRAINAGE FACILITIES, ETC. IN ORDER TO AVOID ANY CONFLICTS IN THE FIELD. INSTALL IRRIGATION PIPE BELOW STORM DRAINAGE PIPES WHERE REQUIRED TO MAINTAIN THE MINIMAL DEPTH REQUIREMENTS.



LANDSCAPE IRRIGATION KEYED NOTES THIS SHEET

1. EXISTING UNUSED IRRIGATION WATER METER:
   SOURCE: DOMESTIC (POTABLE) WATER
   EXISTING WATER METER SIZE: 1"
   EXISTING SERVICE LATERAL SIZE: 1"
   AVAILABLE STATIC PRESSURE: 65 PSI. CONTRACTOR TO FIELD VERIFY.
   REQUIRED DESIGN PRESSURE: 50 PSI
   PEAK FLOW (MAX. DEMAND): 20 GPM

2. 1" IRRIGATION POINT OF CONNECTION:
   1" CONNECTION DOWNSTREAM FROM WATER METER LOCATION IN VAULT. WORK SHALL CONFORM WITH LOCAL CODES. REFER TO LEGEND FOR MODEL NUMBER AND DETAIL INFORMATION.

3. 1" IRRIGATION SYSTEM SHUT OFF VALVE:
   INSTALL GATE VALVE DOWNSTREAM FROM POINT OF CONNECTION LOCATION. WORK SHALL CONFORM WITH LOCAL CODES. REFER TO LEGEND FOR MODEL NUMBER AND DETAIL INFORMATION.

4. 1" IRRIGATION DOUBLE CHECK VALVE ASSEMBLY:
   INSTALL DOUBLE CHECK VALVE ASSEMBLY DOWNSTREAM FROM SHUT OFF VALVE LOCATION IN VAULT. WORK SHALL CONFORM WITH LOCAL CODES. REFER TO LEGEND FOR MODEL NUMBER AND DETAIL INFORMATION.

5. 1" IRRIGATION MASTER CONTROL VALVE:
   INSTALL MASTER CONTROL VALVE DOWNSTREAM FROM DCVA. WIRE TO CONTROLLER 'B' AS DIRECTED BY MANUFACTURER. REFER TO LEGEND FOR MODEL NUMBER AND DETAIL INFORMATION.

6. 1" IRRIGATION FLOW SENSOR:
   INSTALL FLOW SENSOR DOWNSTREAM FROM MASTER CONTROL VALVE. WIRE TO CONTROLLER 'B' AS DIRECTED BY MANUFACTURER. REFER TO LEGEND FOR MODEL NUMBER AND DETAIL INFORMATION.

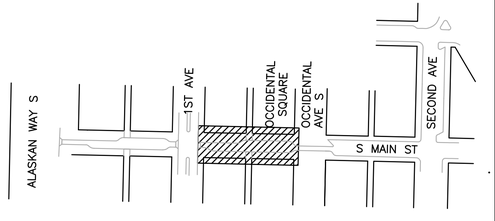
7. AUTOMATIC IRRIGATION CONTROLLER 'B':
   REFER TO S. WASHINGTON STREET IRRIGATION PLANS FOR CONTROLLER LOCATION.

7. 1.5" IRRIGATION MAIN LINE PIPE AT OCCIDENTAL AVE. (ONLY):
   MAIN LINE PIPE TO BE INSTALLED 3.5' FROM PROPERTY LINE IN TRENCH PER STD. DETAIL 128 WITH THE FOLLOWING CHANGES. NO SLEEVE WILL BE INSTALLED, AND PIPE WILL BE SET IN 6" BED OF SAND AND BACKFILLED WITH SAND 6" MINIMUM ABOVE TOP OF PIPE. AGG BASE ABOVE SAND PER DETAIL. REPAIR DISTURBED EXISTING HARDSCAPE BACK TO ITS PRE CONSTRUCTION CONDITION. PRESSURE TEST MAIN LINE PIPE TO ENSURE NO LEAKS PRIOR TO BACKFILLING.

8. 1.5" WIRE CONDUITS AT OCCIDENTAL AVE. (ONLY):
   TWO (2) 1.5" CONDUITS TO BE INSTALLED IN SAME TRENCH ADJACENT TO MAIN LINE PIPE. ONE CONDUIT IS FOR WIRE RUN FROM CONTROLLER LOCATION TO MASTER VALVE AND FLOW SENSOR. THE SECOND CONDUIT IS FOR LOW VOLTAGE CONTROL WIRES TO THE REMOTE CONTROL VALVES. INSTALL APPROPRIATE QUANTITY OF WIRES. PULL BOXES WITH SWEEPS TO BE INSTALLED AS REQUIRED (200' MAX.). PULL BOXES LOCATE WITHIN PAVING TO BE TRAFFIC RATED CONCRETE WITH TRAFFIC RATED LIDS.

9. TRENCH AND PAVEMENT RESTORATION AT OCCIDENTAL AVE:
   LOCATION OF EXISTING PAVEMENT REMOVAL, TRENCHING, PIPE AND CONDUIT INSTALLATION, BACKFILL AND PAVEMENT RESTORATION.

10. IRRIGATION BOXES WITHIN OUTLINE AT OCCIDENTAL AVE (ONLY):
    ALL PROPOSED IRRIGATION COMPONENTS LOCATED WITHIN PAVING TO BE INSTALLED WITHIN TRAFFIC RATED CONCRETE BOXES WITH TRAFFIC RATED LIDS, SIZED PER STD. DETAILS, TYPICAL.



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STATE OF WASHINGTON AMANDA J. BAILEY NO. 1428 EXP. 7/3/2023 LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021-061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB	PC JOB PC
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VPI #	792-293
	IR10
SHEET	172 OF 198

MARK	DATE	REVISIONS: NATURE	MADE / CHK'D	REV'D

VAULT SERIAL NO. 38413

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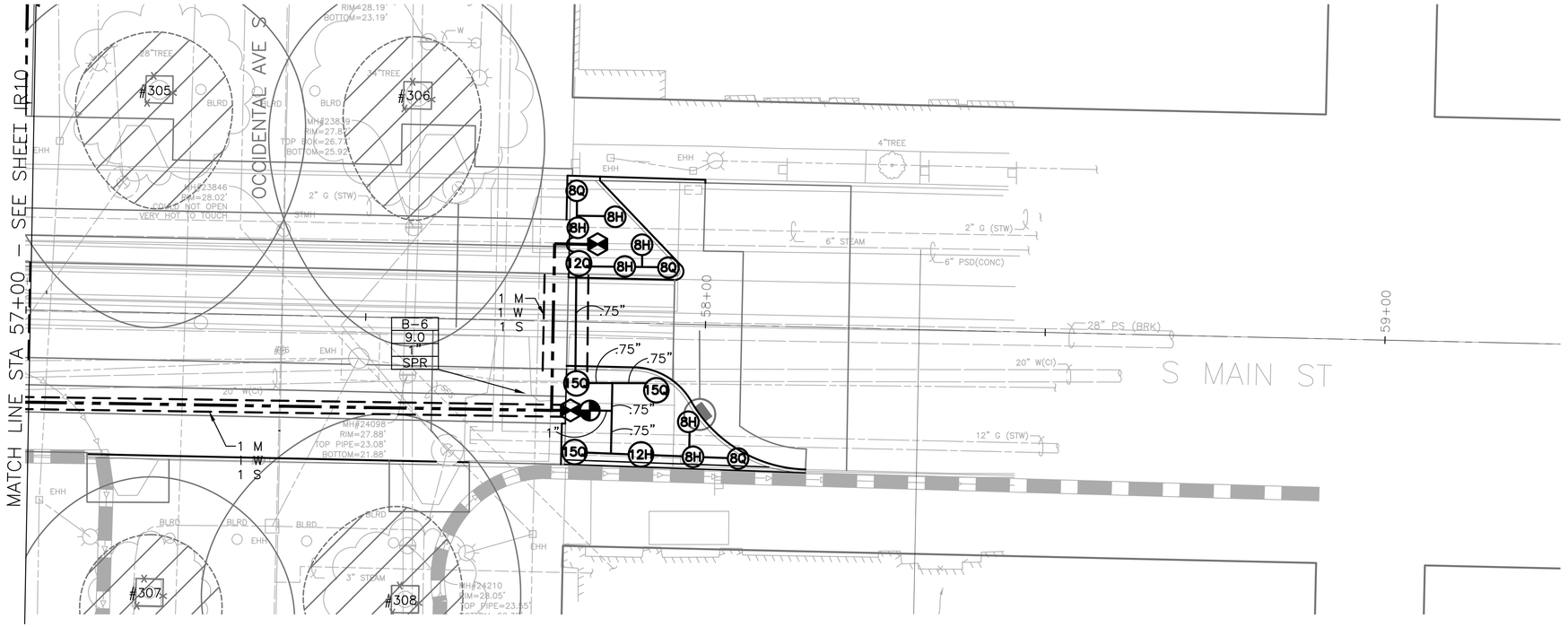

GENERAL IRRIGATION LEGEND

SLEEVING: REFER TO IRRIGATION LEGEND ON SHEET IRN02 FOR TYPE AND SIZE.

#M	MAINLINE PIPE SLEEVE QUANTITY
#L	LATERAL PIPE SLEEVE QUANTITY
#S	EMPTY SLEEVE QUANTITY
#W	WIRE SLEEVE QUANTITY

VALVE CALLOUT

- CONTROLLER NUMBER
- GALLONS PER MINUTE
- VALVE SIZE
- RWS – TREE ROOT WATERING SYSTEM
- SPR – POP UP MPR SPRAY SPRINKLER

1–1/2" PIPE SIZING CALLOUT

GENERAL NOTES

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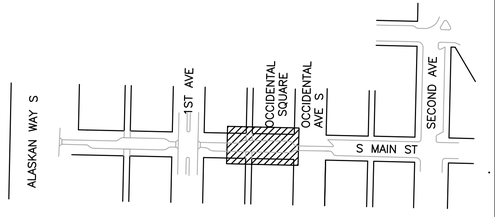

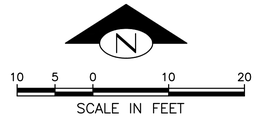

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 1428 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation
ORDINANCE NO. . PW NO. 2021–061
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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
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VPI # 792–293
IR11
SHEET 173 OF 198

MARK	DATE	CHK'D	REV'D

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VAULT SERIAL NO. 38413

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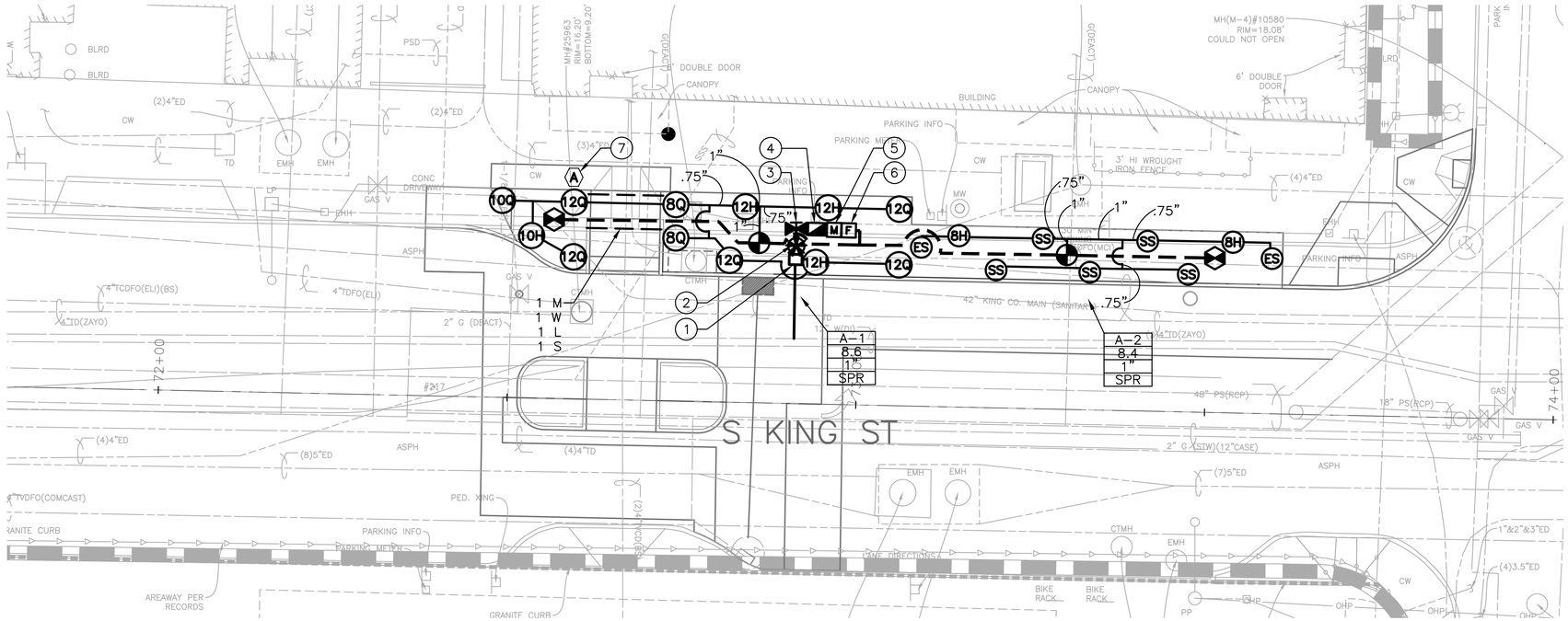

GENERAL IRRIGATION LEGEND

SLEEVING: REFER TO IRRIGATION LEGEND ON SHEET IRN02 FOR TYPE AND SIZE.

#M	MAINLINE PIPE SLEEVE QUANTITY
#L	LATERAL PIPE SLEEVE QUANTITY
#S	EMPTY SLEEVE QUANTITY
#W	WIRE SLEEVE QUANTITY

VALVE CALLOUT

- CONTROLLER NUMBER
- GALLONS PER MINUTE
- VALVE SIZE
- RWS – TREE ROOT WATERING SYSTEM
- SPR – POP UP MPR SPRAY SPRINKLER
- 1-1/2" PIPE SIZING CALLOUT

GENERAL NOTES

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LANDSCAPE IRRIGATION KEYED NOTES FOR THIS SHEET

(1) DEDICATED POTABLE IRRIGATION WATER METER :
SOURCE: DOMESTIC (POTABLE) WATER
WATER METER SIZE (SEE SHEET CU12): 3/4"
SERVICE LATERAL SIZE (SEE SHEET CU12): 1"
AVAILABLE STATIC PRESSURE: 65 PSI. CONTRACTOR TO FIELD VERIFY.
REQUIRED DESIGN PRESSURE: 50 PSI
PEAK FLOW (MAX. DEMAND): 10 GPM

(2) 1" IRRIGATION POINT OF CONNECTION:
1" CONNECTION TO UNION DOWNSTREAM FROM WATER METER LOCATION IN VAULT. WORK SHALL CONFORM WITH LOCAL CODES. REFER TO LEGEND FOR MODEL NUMBER AND DETAIL INFORMATION.

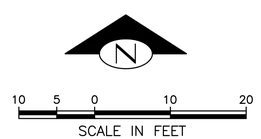
(3) 1" IRRIGATION SYSTEM SHUT OFF VALVE:
INSTALL GATE VALVE DOWNSTREAM FROM POINT OF CONNECTION LOCATION. WORK SHALL CONFORM WITH LOCAL CODES. REFER TO LEGEND FOR MODEL NUMBER AND DETAIL INFORMATION.

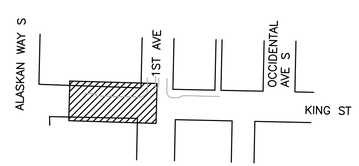
(4) 1" IRRIGATION DOUBLE CHECK VALVE ASSEMBLY:
INSTALL DOUBLE CHECK VALVE ASSEMBLY DOWNSTREAM FROM SHUT OFF VALVE LOCATION IN VAULT. WORK SHALL CONFORM WITH LOCAL CODES. REFER TO LEGEND FOR MODEL NUMBER AND DETAIL INFORMATION.

(5) 1" IRRIGATION MASTER CONTROL VALVE:
INSTALL MASTER CONTROL VALVE DOWNSTREAM FROM DCVA. WIRE TO CONTROLLER 'A' AS DIRECTED BY MANUFACTURER. REFER TO LEGEND FOR MODEL NUMBER AND DETAIL INFORMATION.

(6) 1" IRRIGATION FLOW SENSOR:
INSTALL FLOW SENSOR DOWNSTREAM FROM MASTER CONTROL VALVE. WIRE TO CONTROLLER 'A' AS DIRECTED BY MANUFACTURER. REFER TO LEGEND FOR MODEL NUMBER AND DETAIL INFORMATION.

(7) AUTOMATIC IRRIGATION CONTROLLER 'A':
INSTALL PEDESTAL MOUNTED CONTROLLER. FIELD VERIFY LOCATION OF ELECTRICAL POWER SOURCE AS PER ELECTRICAL DRAWINGS. FINAL LOCATION OF CONTROLLER PER CITY'S REPRESENTATIVE. REFER TO AUTOMATIC CONTROLLER NOTES FOR ADDITIONAL REQUIREMENTS. REFER TO LEGEND FOR MODEL NUMBER AND DETAIL INFORMATION.





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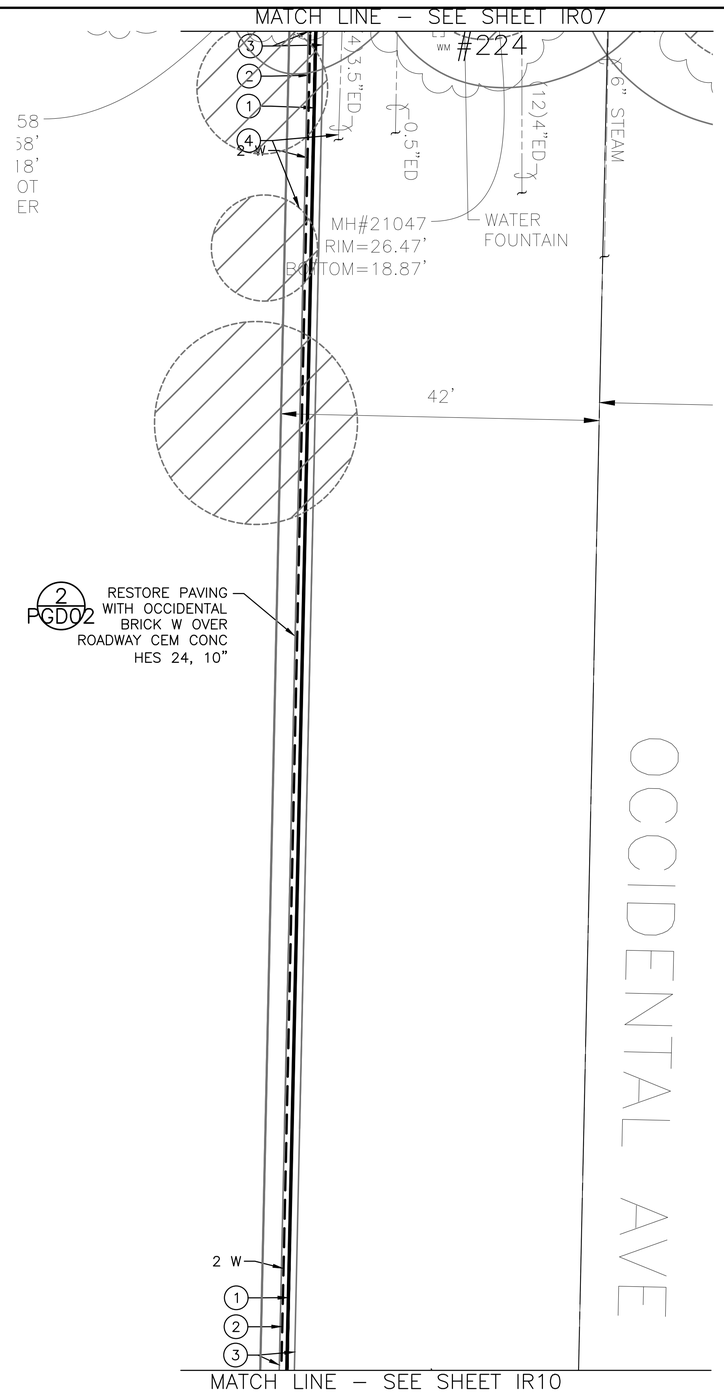

LANDSCAPE IRRIGATION KEYED NOTES FOR THIS SHEET

(1) 1.5" IRRIGATION MAIN LINE PIPE AT OCCIDENTAL AVE. (ONLY):
MAIN LINE PIPE TO BE INSTALLED 3.5' FROM PROPERTY LINE IN TRENCH PER STD. DETAIL 128 WITH THE FOLLOWING CHANGES. NO SLEEVE WILL BE INSTALLED, AND PIPE WILL BE SET IN 6" BED OF SAND AND BACKFILLED WITH SAND 6" MINIMUM ABOVE TOP OF PIPE. AGG BASE ABOVE SAND PER DETAIL. REPAIR DISTURBED EXISTING HARDSCAPE BACK TO ITS PRE CONSTRUCTION CONDITION. PRESSURE TEST MAIN LINE PIPE TO ENSURE NO LEAKS PRIOR TO BACKFILLING.

(2) 1.5" WIRE CONDUITS AT OCCIDENTAL AVE. (ONLY):
TWO (2) 1.5" CONDUITS TO BE INSTALLED IN SAME TRENCH ADJACENT TO MAIN LINE PIPE. ONE CONDUIT IS FOR WIRE RUN FROM CONTROLLER LOCATION TO MASTER VALVE AND FLOW SENSOR. THE SECOND CONDUIT IS FOR LOW VOLTAGE CONTROL WIRES TO THE REMOTE CONTROL VALVES. INSTALL APPROPRIATE QUANTITY OF WIRES. PULL BOXES WITH SWEEPS TO BE INSTALLED AS REQUIRED (200' MAX.). PULL BOXES LOCATE WITHIN PAVING TO BE TRAFFIC RATED CONCRETE WITH TRAFFIC RATED LIDS.

(3) TRENCH AND PAVEMENT RESTORATION AT OCCIDENTAL AVE:
LOCATION OF EXISTING PAVEMENT REMOVAL, TRENCHING, PIPE AND CONDUIT INSTALLATION, BACKFILL AND PAVEMENT RESTORATION.

(4) CAUTION AT EXISTING UTILITIES AND EXISTING TREE ROOTS:
USE CAUTION WHEN TRENCHING NEAR EXISTING UTILITIES. CONTRACTOR TO CALL 811 TO HAVE EXISTING UTILITIES MARKED PRIOR TO TRENCHING. USE AIR SPADE WITHIN CRITICAL ROOT ZONES OF EXISTING TREES. REPAIR DISTURBED EXISTING HARDSCAPE BACK TO ITS PRE CONSTRUCTION CONDITION.

GENERAL NOTES

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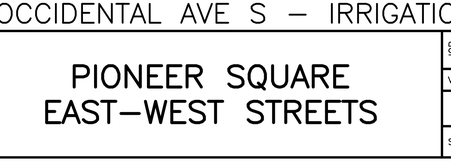
2. REFER TO THE CITY OF SEATTLE STANDARD IRRIGATION DETAILS LISTED IN THE IRRIGATION LEGEND FOR ADDITIONAL INFORMATION.
3. ALL MAINLINE, LATERAL PIPE, VALVES, AND OTHER IRRIGATION SYSTEM APPURTENANCES SHOWN IN PAVED AREA IS FOR GRAPHICAL CLARITY ONLY. CONTRACTOR TO PLACE MAINLINE, LATERAL PIPE, VALVES AND ALL IRRIGATION APPURTENANCES WITHIN ADJACENT PLANTING AREAS UNLESS NOTED OTHERWISE ON THE PLANS.
4. CONTRACTOR SHALL ROUTE ALL IRRIGATION MAINLINE, LATERAL PIPE AND SLEEVES AROUND ALL SERVICE LINES, UTILITIES, STORM DRAINAGE FACILITIES, ETC. IN ORDER TO AVOID ANY CONFLICTS IN THE FIELD. INSTALL IRRIGATION PIPE BELOW STORM DRAINAGE PIPES WHERE REQUIRED TO MAINTAIN THE MINIMAL DEPTH REQUIREMENTS.

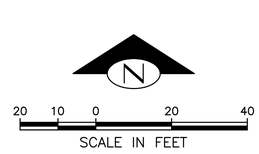
GENERAL IRRIGATION LEGEND

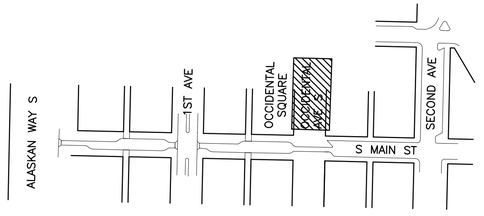
SLEEVING: REFER TO IRRIGATION LEGEND ON SHEET IRN02 FOR TYPE AND SIZE.

#M MAINLINE PIPE SLEEVE QUANTITY
#L LATERAL PIPE SLEEVE QUANTITY
#S EMPTY SLEEVE QUANTITY
#W WIRE SLEEVE QUANTITY

VALVE CALLOUT







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3 Working Days
BEFORE YOU DIG

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OCCIDENTAL AVE S – IRRIGATION PLANS

VAULT SERIAL #	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
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DESIGNED DV, AB	6/3/2022	REVIEWED:	
CHECKED MD	6/3/2022	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN DV	6/3/2022	RECEIVED	
CHECKED AB, MD	6/3/2022	REVISED AS BUILT	

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

STATE OF WASHINGTON · AMANDA J. BAILEY · 22428 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Public Utilities

ORDINANCE NO. . ####
PW NO. 2021-061
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST-WEST STREETS

JOB	PC	JOB PC
	CO	JOB CO
VPI #	792-293	
IR14		
SHEET	175	OF 198

Z:\Shared\Seattle - Pioneer\1_Projects\15100s\15149 Pioneer Square East West Streets\CAD\Current\02 Washington Street\171 IR14.dwg
mwoyhorn Jun-09-22 9:48am

GENERAL:

1. ALL WORK SHALL BE PROVIDED IN ACCORDANCE WITH THE LATEST EDITION OF THE CURRENT DRAWINGS, SPECIFICATIONS, AND STANDARDS AS SPECIFIED.

2. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STABILITY OF THE STRUCTURE AND FOR ENSURING THAT NO PORTION OF THE STRUCTURE IS OVERSTRESSED AS A RESULT OF CONSTRUCTION ACTIVITIES.

3. EXISTING STRUCTURES SHALL BE PROTECTED AT ALL TIMES.

4. THESE DRAWINGS SHOW DETAILS FOR TYPICAL AREAWAY SECTIONS INCLUDING DIMENSIONS, FRAMING, AND MATERIALS. THE SPECIFIC LOCATION WHERE THESE DETAILS APPLY MAY REQUIRE THE CONTRACTOR TO ADAPT AND APPLY THESE DETAILS AS NECESSARY FOR CONSTRUCTION.

DESIGN CODES, STANDARDS AND SPECIFICATIONS:

1. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, NINTH EDITION.

2. INTERNATIONAL BUILDING CODE (IBC), 2018 EDITION WITH CITY OF SEATTLE AMENDMENTS.

3. ASCE/SEI 7–16, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.

4. BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE ACI 318, 2019 EDITION.

5. AISC STEEL CONSTRUCTION MANUAL, FIFTEENTH EDITION, 2017.

DIMENSIONS:

1. DETAILS ARE PROVIDED FOR INDIVIDUAL AREAWAY SECTIONS. DIMENSIONS MAY VARY AT EACH LOCATION.

2. ALL DIMENSIONS, LOCATIONS, AND ELEVATIONS OF EXISTING STRUCTURES SHOWN ON THE CONTRACT DRAWINGS ARE FOR REFERENCE ONLY AND SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD.

STRUCTURAL CONCRETE:

1. ALL CONCRETE SHALL BE CLASS 4000, f'c = 4,000 PSI

2. UNLESS NOTED OTHERWISE, MINIMUM CONCRETE COVER SHALL BE:

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
CAST–IN–PLACE CONCRETE EXPOSED TO EARTH OR WEATHER	
PRIMARY REINFORCEMENT	2"
STIRRUPS, TIES, OR SPIRALS	1 1/2"

3. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.

4. ALL REINFORCING BAR BENDS AND STANDARD HOOKS SHALL CONFORM TO THE LATEST ACI STANDARDS.

5. DOWELS INSTALLED IN EXISTING CONCRETE, STONE, BRICK AND OTHER MATERIALS SHALL BE IN ACCORDANCE WITH SPECIFICATIONS SECTION (9–26). DOWELS IN STONE MAY BE SET IN STONE BLOCK OR ADJACENT MORTAR JOINT PATCHED WITH EPOXY.

6. JOINT SEALANT WHERE SPECIFIED BETWEEN NEW AND EXISTING CONCRETE SHALL BE 3/8" WIDE BY 3/4" DEEP.

DESIGN LOADS:

1. LIVE LOAD:
   SIDEWALK LIVE LOAD FOR AREAWAY STRUCTURE REHABILITATION AND STRENGTHENING FOR CURB RAMP SUPPORT:
   250 PSF UNIFORM LOAD OR HS20 WHEEL LOAD.

GEOTECHNICAL:

1. SOIL PRESSURE PER GEOTECHNICAL REPORT BY HWA GEOSCIENCES INC, DATED NOVEMBER 2021:

   FOOTINGS SHALL BEAR ON COMPACTED SOIL. ALLOWABLE SOIL BEARING PRESSURE IS CONSIDERED TO BE 1,500 PSF.

2. FOUNDATIONS MUST BEAR ON A 6 INCH MINIMUM THICK LAYER OF CRUSHED SURFACING BASE COURSE REQUIRING AN EXCAVATION OF ABOUT 30 INCHES BELOW THE BOTTOM OF THE FLOOR SLAB.

3. ALL SOILS CONTAINING A SIGNIFICANT AMOUNT OF ORGANICS MUST BE REMOVED BENEATH THE PROPOSED FOOTINGS.

4. THE CONTRACTOR MUST BE PREPARED TO HANDLE GROUND WATER DEPENDING ON THE DEPTHS OF AREAWAYS AND FOUNDATION EXCAVATION DEPTHS.

VAULT SERIAL NO.	DATE	MARK	NATURE OF REVISIONS	MADE	CHK'D	REV'D
3843						

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CHECKED	SC	06/03/2022

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0–02.3 OF THE PROJECT MANUAL.

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DES. #	CONST. #
SDOT #	PROJ. MGR. #
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REVISED AS BUILT #	

SAMIR I. CHUDGAR — STATE OF WASHINGTON — 32119 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. #
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SCALE:
PW NO. #

PIONEER SQUARE
EAST–WEST STREETS

JOB PC TRC0449–S0100
CO #
VPI # #
STN01
SHEET 176 OF 198

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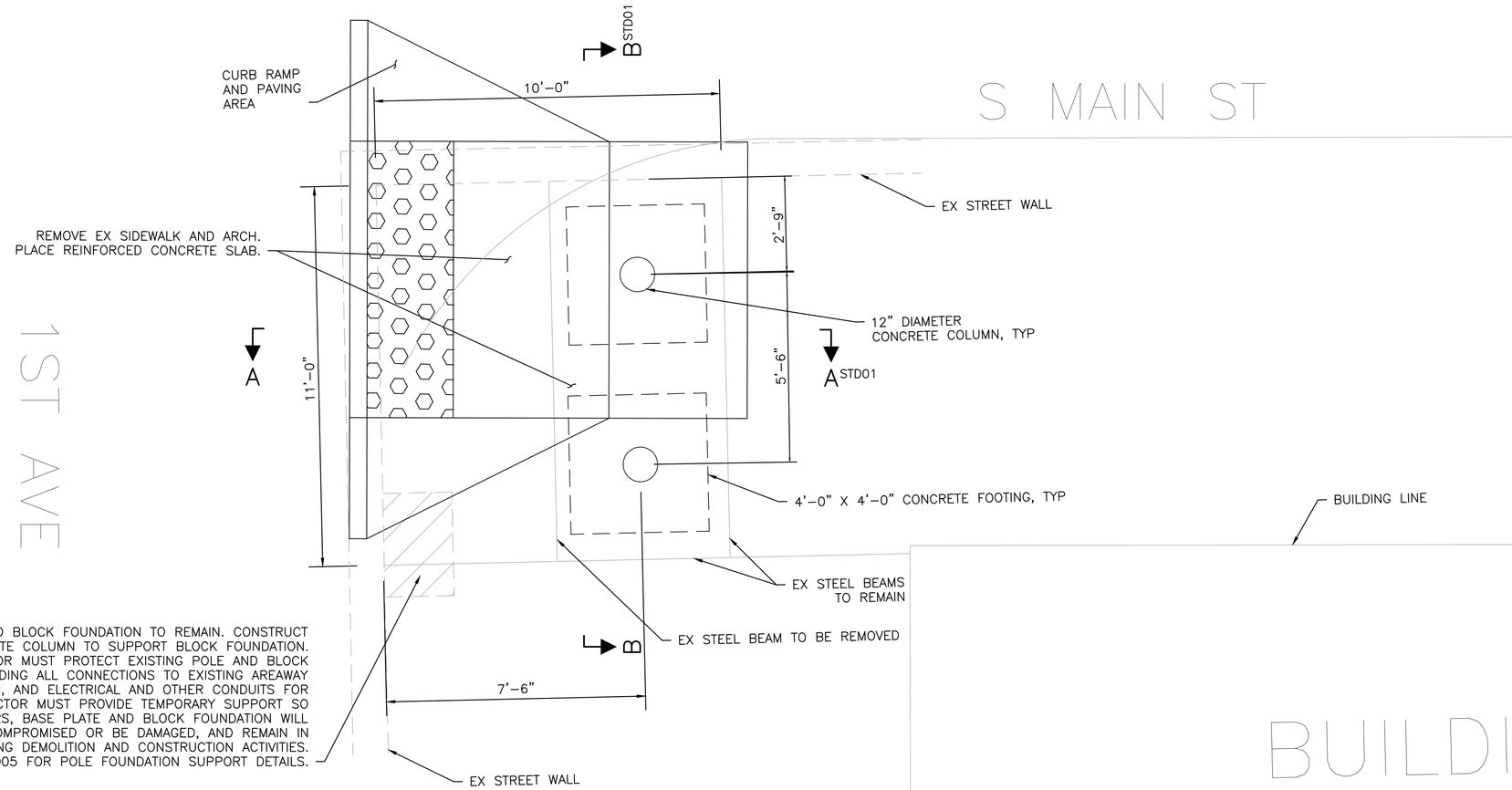

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38413						

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LOCATION: 1ST & MAIN, SE CORNER
ARW–138, ARW–139
CURB RAMP STRUCTURAL PLAN

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STATE OF WASHINGTON
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PROFESSIONAL ENGINEER

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PIONEER SQUARE EAST–WEST STREETS

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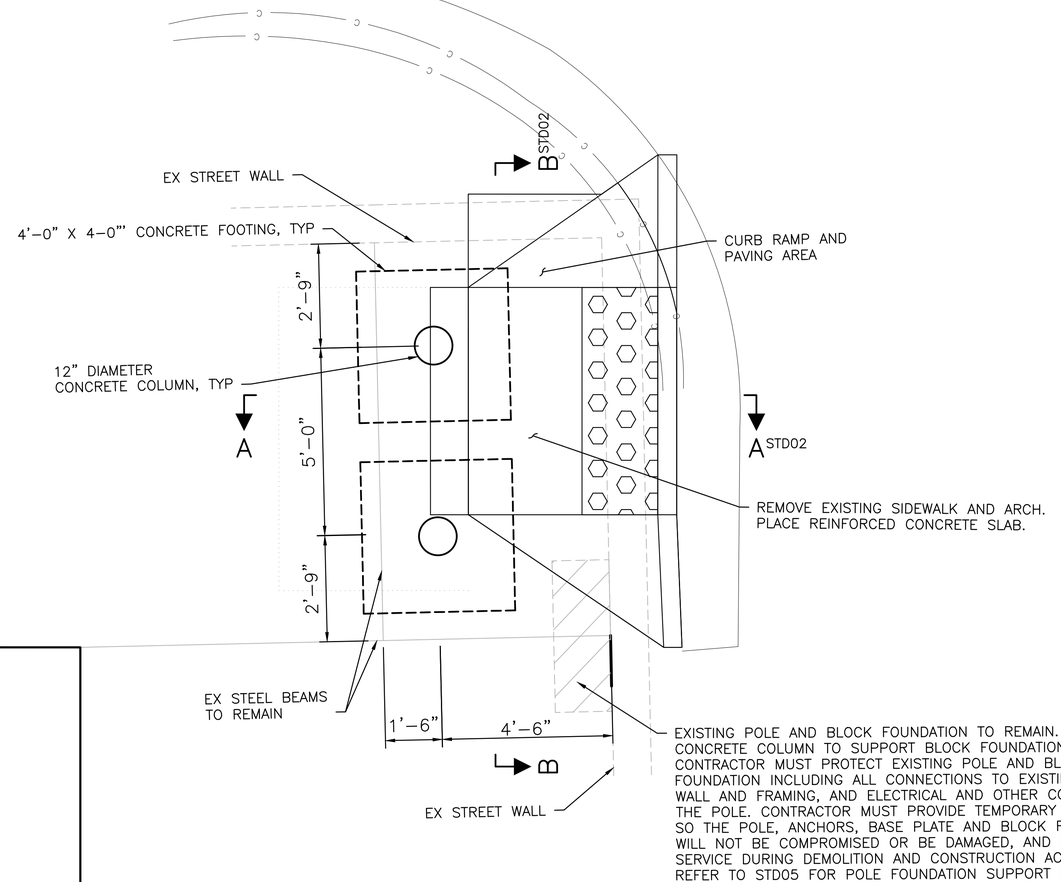
	CO #
VPI #	#
	ST01
SHEET	177 OF 198

S WASHINGTON ST

1ST AVE

BUILDING

BUILDING LINE



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2 1 0 2

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LOCATION: 1ST & WASHINGTON, SW CORNER
ARW–096, ARW–097
CURB RAMP STRUCTURAL PLAN

FINAL CIRCULATION (100%)

NATURE	MADE	CHK'D	REV'D
REVISIONS			

MARK	DATE	VAULT SERIAL NO.
		3843

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CO #
VPI # #
ST02
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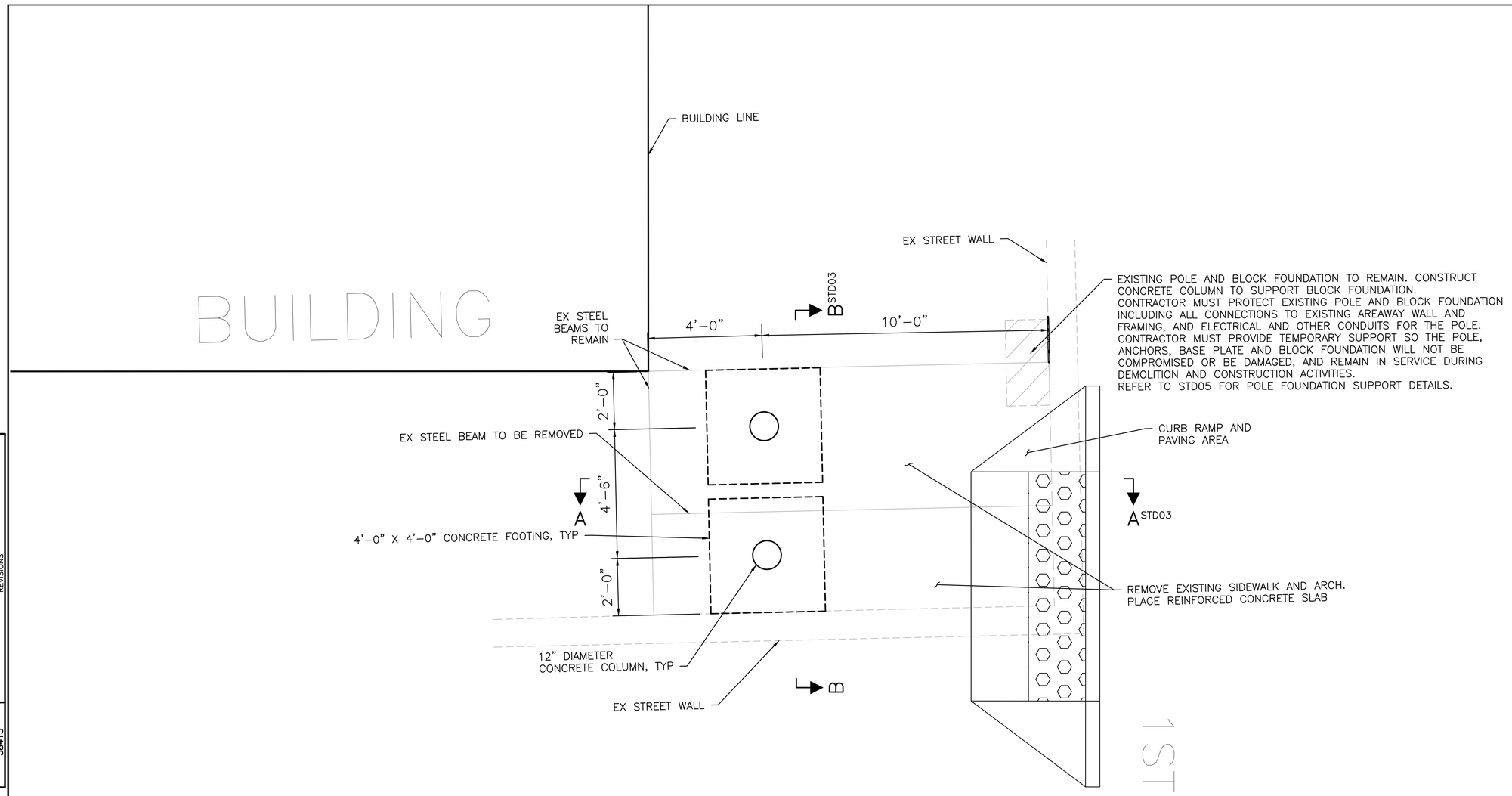

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SCALE IN FEET

LOCATION: 1ST & WASHINGTON, NW CORNER
ARW–233, ARW–234
CURB RAMP STRUCTURAL PLAN

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FINAL CIRCULATION (100%)

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PROFESSIONAL ENGINEER

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SCALE: #########

PIONEER SQUARE EAST–WEST STREETS

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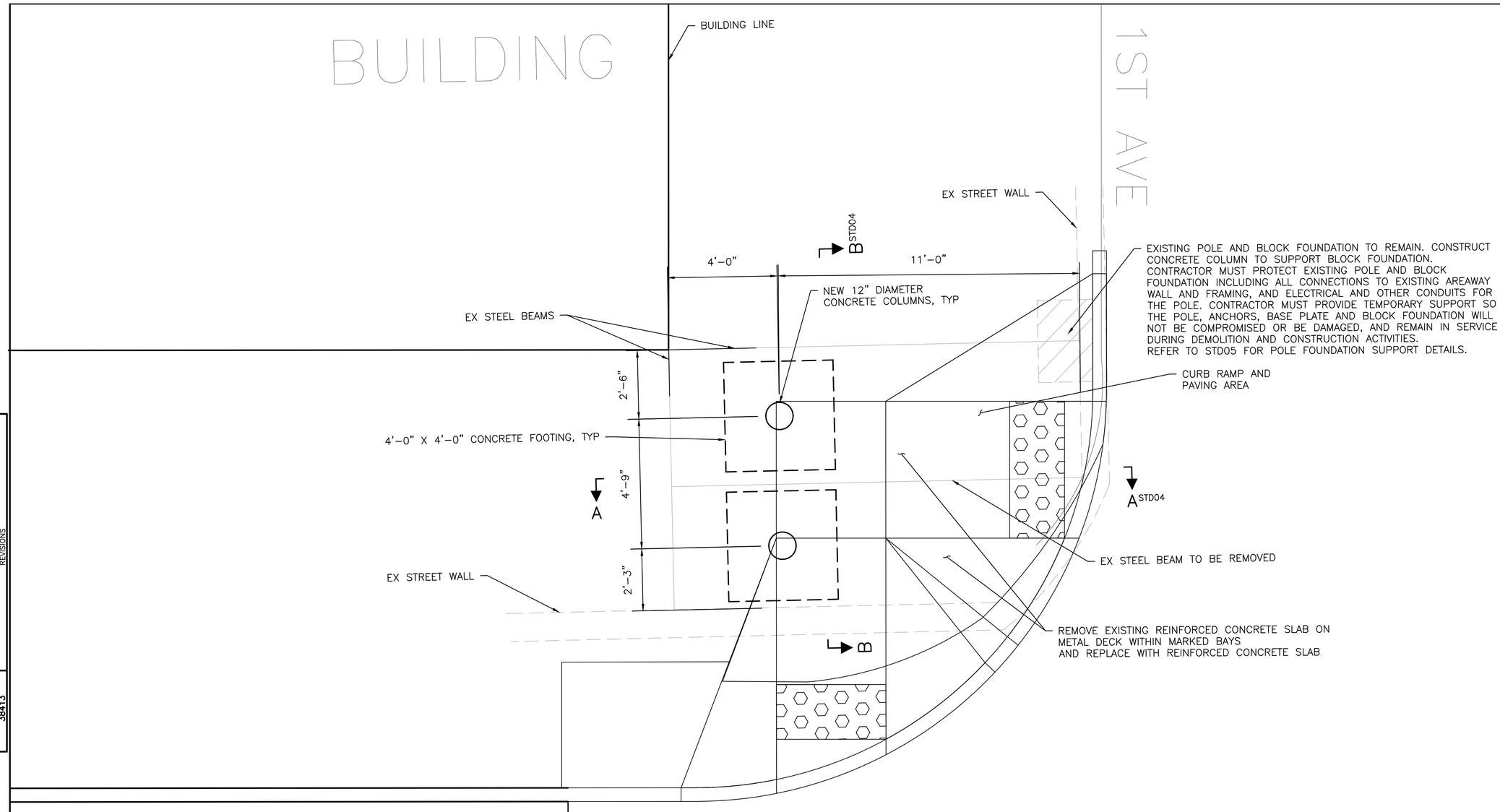
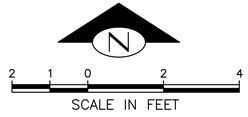
PC TRC0449–S0100
CO #
VPI # #
ST03
SHEET 179 OF 198





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38413						

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FINAL CIRCULATION (100%)

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LOCATION: 1ST & YESLER, NW CORNER
ARW–166, ARW–167
CURB RAMP STRUCTURAL PLAN

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Seattle Department of Transportation
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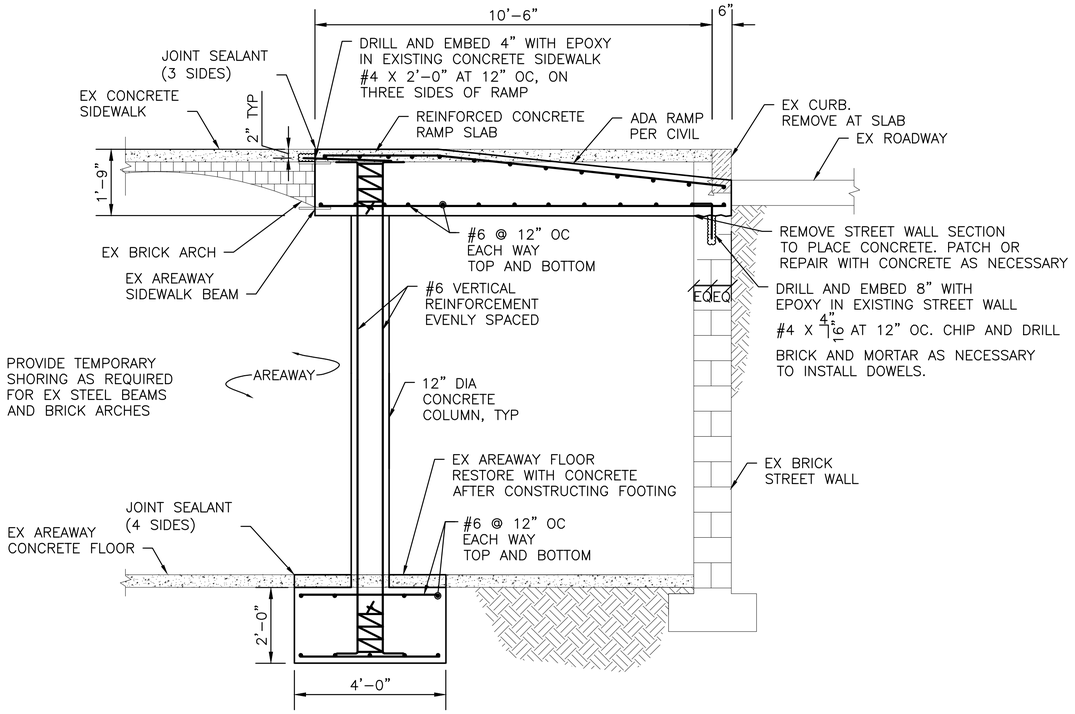
PIONEER SQUARE
EAST–WEST STREETS

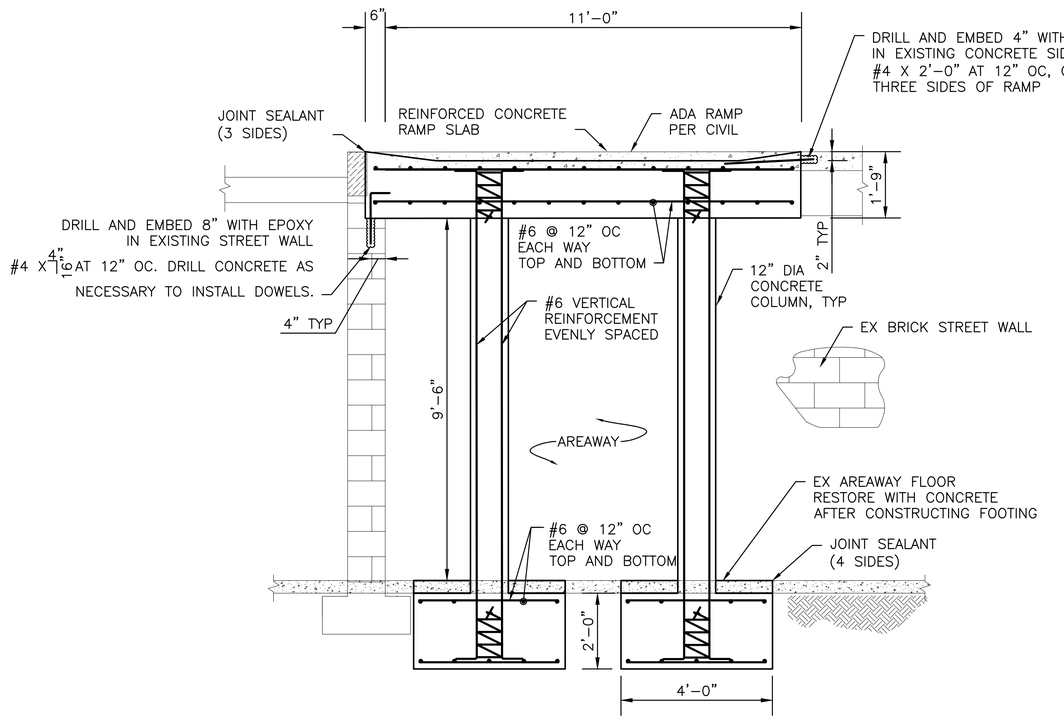
JOB	PC	TRC0449–S0100
	CO	#
VPI #	#	
ST04		
SHEET	180 OF 198	

NOTES:

1. SAWCUT FOR SIDEWALK REMOVAL SHALL BE FULL–DEPTH AND SHALL LEAVE STRAIGHT EDGES AND VERTICAL FACES.
2. EXPOSED REINFORCEMENT IN SIDEWALK SHALL BE PRESERVED AND PATCHED WITH EPOXY.
3. RAMP SLABS SHALL HAVE 12" MINIMUM THICKNESS AT ALL SECTIONS. SLOPE OF BOTTOM OF SLAB MAY MATCH SLOPE OF TOP OF SLAB.
4. TWO INDIVIDUAL FOOTINGS FOR COLUMNS MAY BE COMBINED TO HAVE MINIMUM LENGTH OF 8'–0"
5. PROVIDE SHORING AS NECESSARY TO SUPPORT ADJACENT SIDEWALK.



SECTION A–A RAMP ST01
SCALE: 1/2" = 1'–0"



AREAWAY STRENGTHENING
SECTION B–B ST01
SCALE: 1/2" = 1'–0"

FINAL CIRCULATION (100%)

PLEASE CALL 811
3 Working Days
BEFORE YOU DIG

LOCATION: 1ST & MAIN, SE CORNER
ARW–138, ARW–139
CURB RAMP STRUCTURAL DETAILS

NATURE	REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO.	DATE	MARK
3843		

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DRAWN	SS	06/03/2022
CHECKED	SC	06/03/2022

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SAMIR I. CHUDGAR — STATE OF WASHINGTON — 32119 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO.
SCALE:

PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449–S0100 CO
VPI #
STD01
SHEET 181 OF 198

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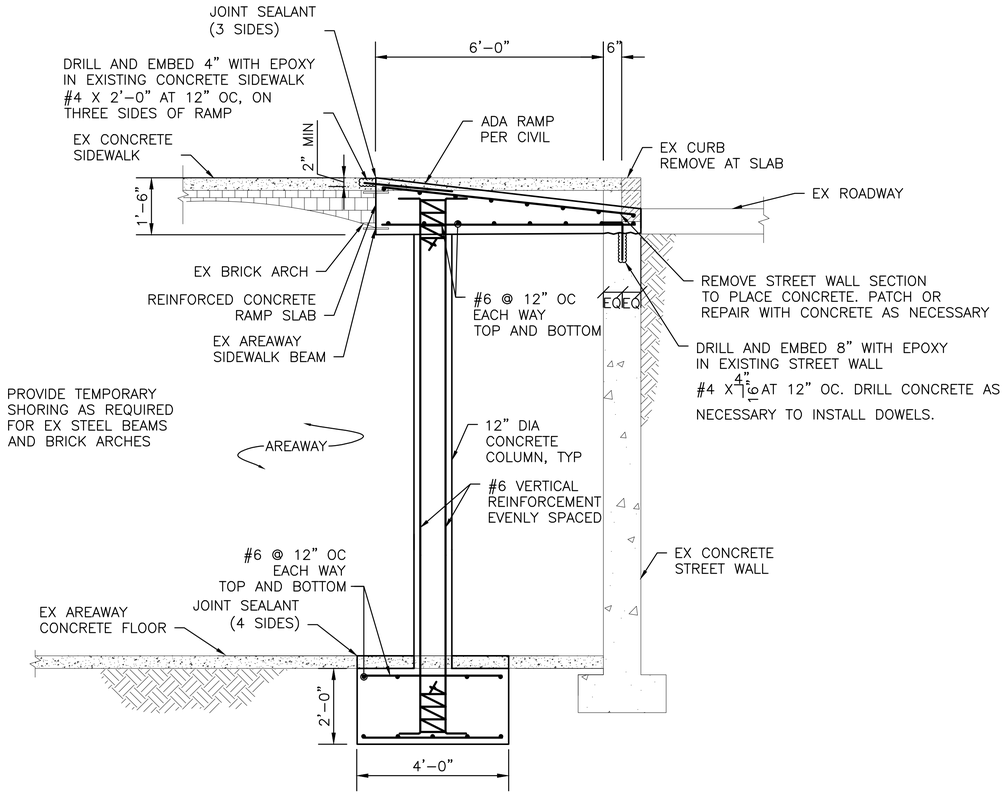
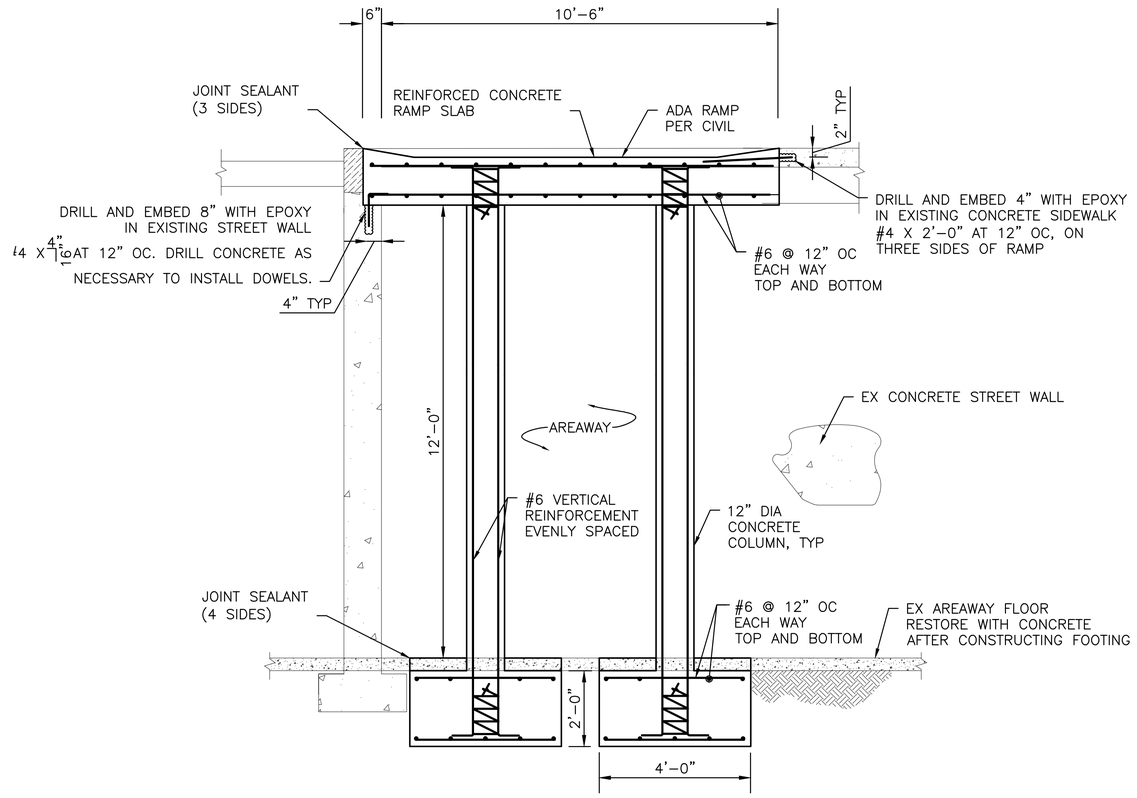
May–25–22 4:39pm

NOTES:

1. REFER TO NOTES ON STD01.



SECTION A–A RAMP ST02
SCALE: 1/2" = 1'–0"



AREAWAY STRENGTHENING
SECTION B–B ST02
SCALE: 1/2" = 1'–0"

FINAL CIRCULATION (100%)

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LOCATION: 1ST & WASHINGTON, SW CORNER
ARW–096, ARW–097
CURB RAMP STRUCTURAL DETAILS

MARK	DATE	NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 3843

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CHECKED	SC	06/03/2022

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STATE OF WASHINGTON
32119
STRUCTURAL ENGINEER
PROFESSIONAL ENGINEER

Seattle
Department of
Transportation

ORDINANCE NO. PW NO.

SCALE:

PIONEER SQUARE
EAST–WEST STREETS

JOB PC TRC0449–S0100
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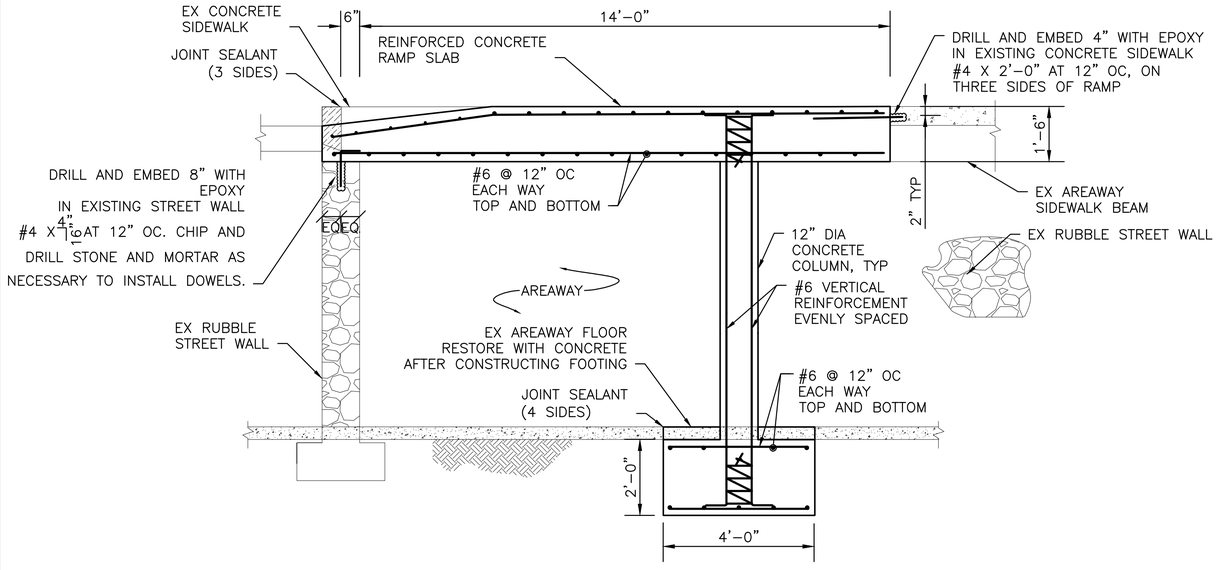
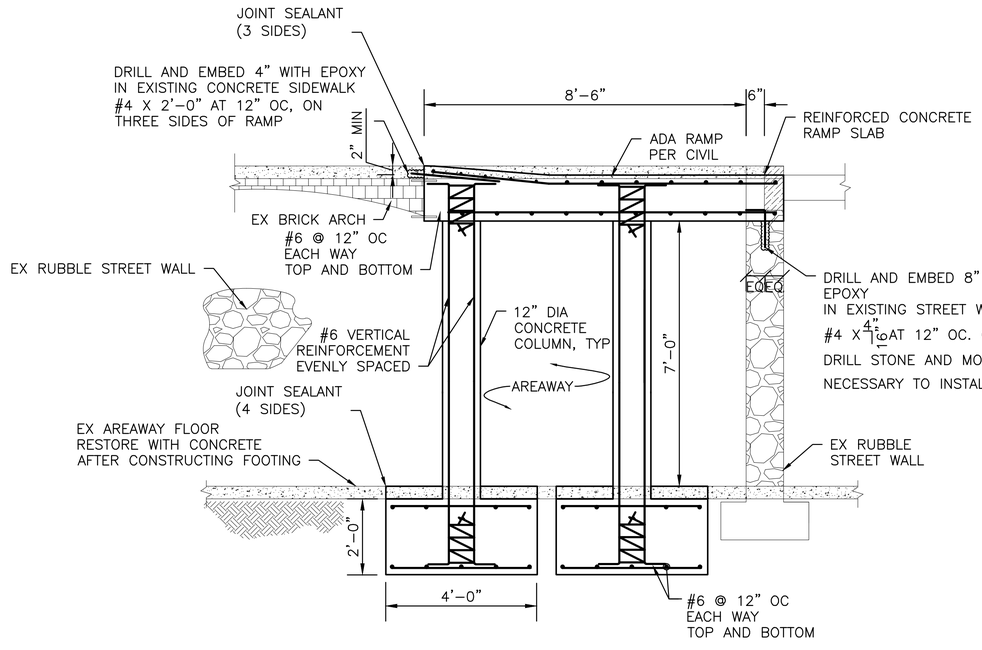
VPI #
STD02
SHEET 182 OF 198

NOTES:

1. REFER TO NOTES ON STD01.



SECTION A–A RAMP ST03
SCALE: 1/2" = 1'–0"



AREAWAY STRENGTHENING
SECTION B–B ST03
SCALE: 1/2" = 1'–0"

PLEASE CALL 811
3 Working Days
BEFORE YOU DIG

LOCATION: 1ST & WASHINGTON, NW CORNER
ARW–233, ARW–234
CURB RAMP STRUCTURAL DETAILS

FINAL CIRCULATION (100%)

NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO.	DATE	MARK
38413		

MIG
T 206.223.0326
F 206.223.0125

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BELLEVUE WA 98005
(425) 590-9650

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SEATTLE, WASHINGTON . . . . . 20 . . .
BY: . . . . . CITY PURCHASING & CONTRACTING SERVICES DIRECTOR

INITIALS AND DATE		
DESIGNED	SS	06/03/2022
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DRAWN	SS	06/03/2022
CHECKED	SC	06/03/2022

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DES.		CONST.
SDOT		PROJ. MGR.
RECEIVED		
REVISED AS BUILT		

SAMIR I. CHUDGAR — STATE OF WASHINGTON — 32119 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO.
SCALE:

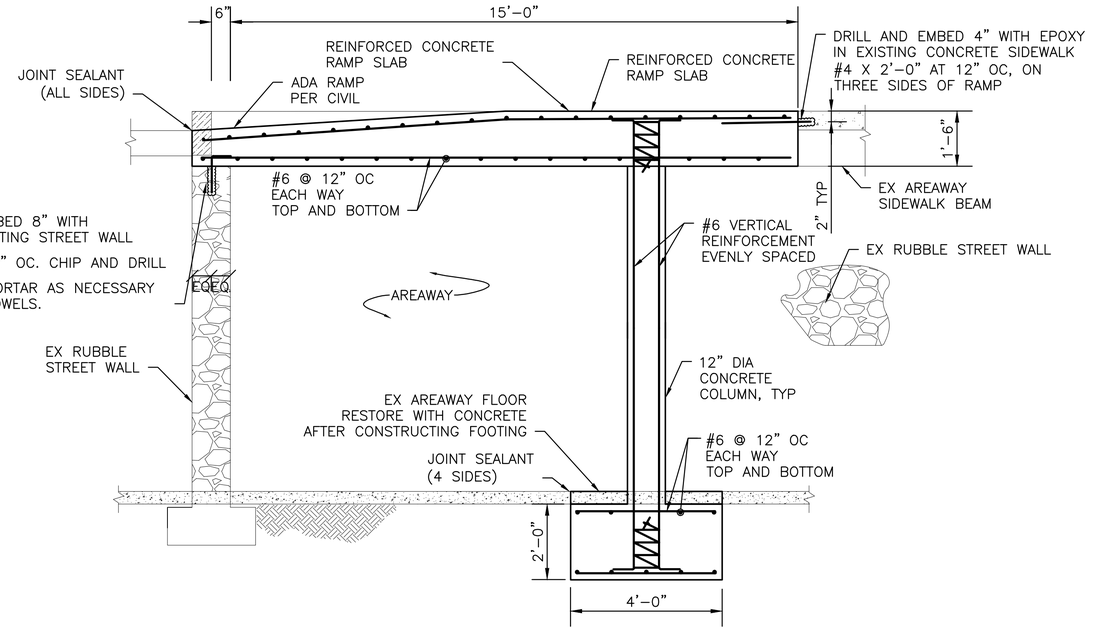
PIONEER SQUARE EAST–WEST STREETS

JOB: PC TRC0449–S0100 CO
VPI #
STD03
SHEET 183 OF 198

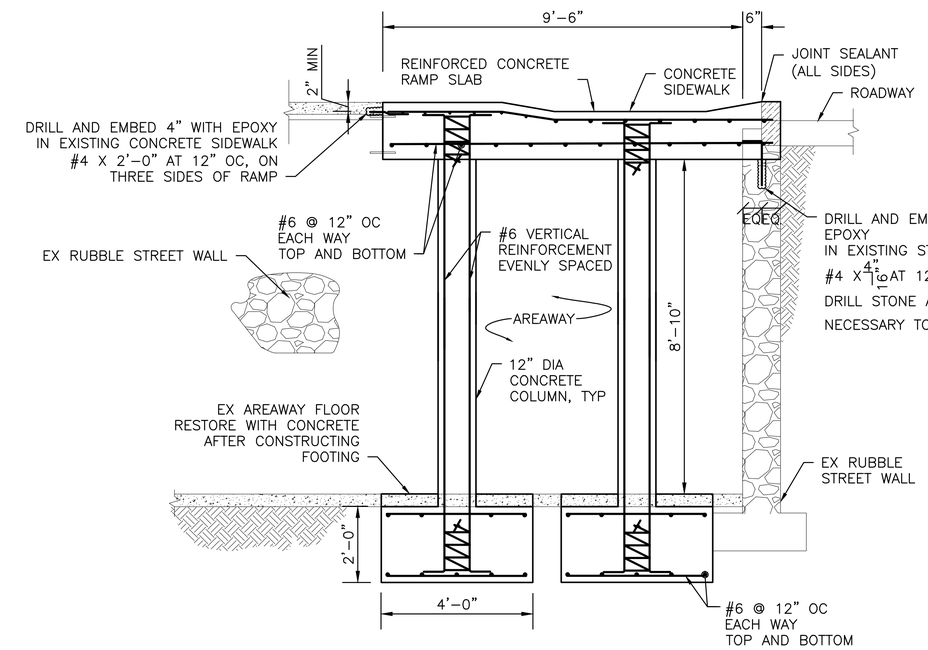
D:\CEC\Shivam\Projects\987 Pioneer Square Streets\Shivam\PSEWS_JP and CR Sheets\Plan Sheets\PSEWS_STR–DETAILS.dwg
May–25–22 4:40pm

NOTES:

1. REFER TO NOTES ON STD01.



SECTION A–A RAMP ST04
SCALE: 1/2" = 1'–0"



AREAWAY STRENGTHENING
SECTION B–B ST04
SCALE: 1/2" = 1'–0"

PLEASE CALL 811
3 Working Days
BEFORE YOU DIG

LOCATION: 1ST & YESLER, NW CORNER
ARW–166, ARW–167
CURB RAMP STRUCTURAL DETAILS

FINAL CIRCULATION (100%)

NATURE REVISIONS	MADE	CHK'D	REV'D

MARK	DATE

VAULT SERIAL NO. 38413

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F 206.223.0125

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DRAWN	SS	06/03/2022
CHECKED	SC	06/03/2022

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INITIALS AND DATE	
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DES.	CONST.
SDOT	PROJ. MGR.
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SAMIR I. CHUDGAR STATE OF WASHINGTON 32119 STRUCTURAL ENGINEER PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO.
SCALE:

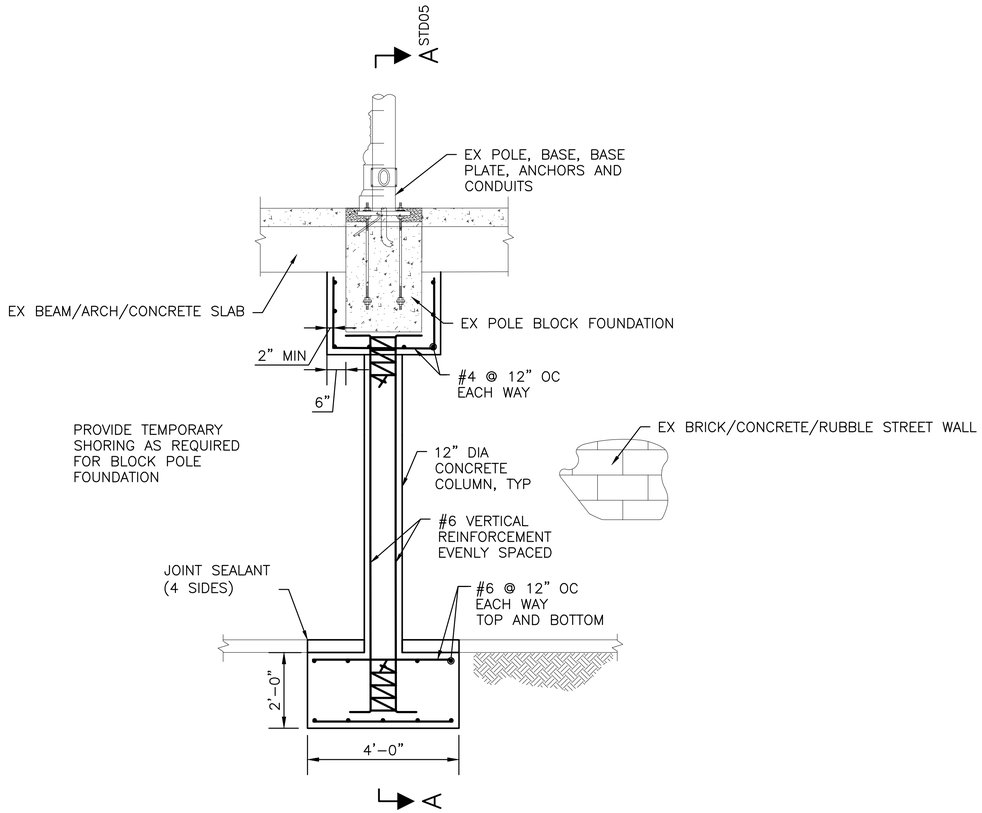
PIONEER SQUARE EAST–WEST STREETS

JOB PC TRC0449–S0100
CO
VPI #
STD04
SHEET 184 OF 198

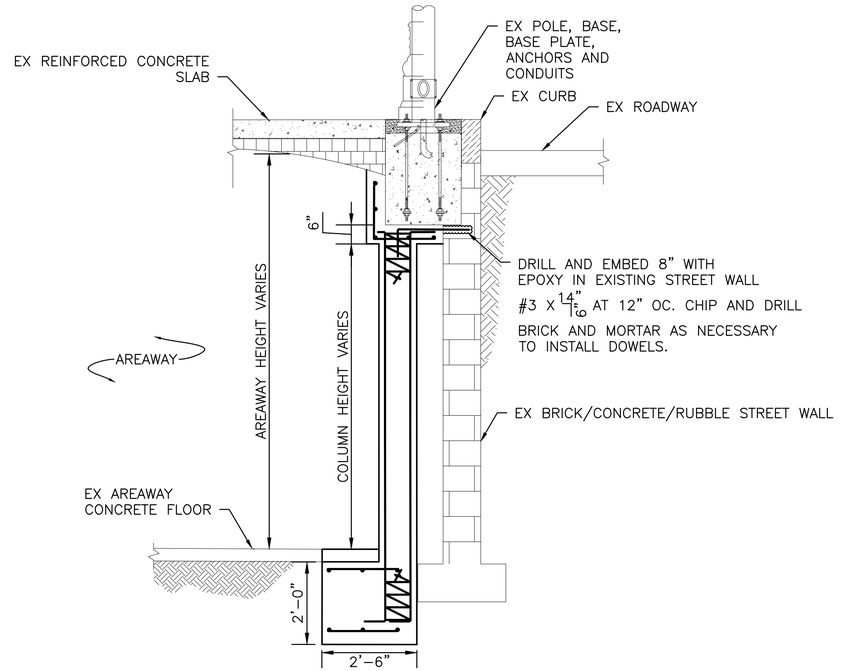
D:\CEG\Shivam\Projects\887 Pioneer Square Streets\Shivam\PSEWS_JP and CR Sheets\Plan Sheets\PSEWS_STR–DETAILS.dwg
May–25–22 4:41pm

NOTES:

1. PROVIDE TEMPORARY SHORING FOR THE POLE FOUNDATION DURING CONSTRUCTION OF THE AREAWAY RAMP.
2. THE DIMENSIONS OF THE POLE FOUNDATION WILL GOVERN THE DIMENSIONS OF THE SUPPORT AROUND IT.
3. THE HEIGHT OF THE AREAWAY WILL GOVERN THE HEIGHT OF THE REQUIRED COLUMN.



POLE FOUNDATION SUPPORT 1 STD05
SCALE: 1/2" = 1'-0"



POLE FOUNDATION SUPPORT
SECTION A–A STD05
SCALE: 1/2" = 1'-0"

FINAL CIRCULATION (100%)

PLEASE CALL 811
3 Working Days
BEFORE YOU DIG

TYPICAL STRUCTURAL DETAILS

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
3843						

D:\CEC\Shivam\Projects\887 Pioneer Square Streets\Shivam\PSEWS_JP and CR Sheets\Plan Sheets\PSEWS_STR-DETAILS.dwg
May-25-22 4:41pm

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DESIGNED	SS	06/03/2022	REVIEWED:	
CHECKED	SC	06/03/2022	DES.	CONST.
			SDOT	PROJ. MGR.
DRAWN	SS	06/03/2022	RECEIVED	
CHECKED	SC	06/03/2022	REVISED AS BUILT	

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SAMIR I. CHUDGAR — STATE OF WASHINGTON — 32119 — STRUCTURAL ENGINEER — PROFESSIONAL ENGINEER

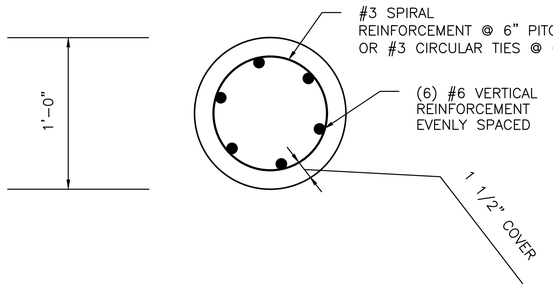
Seattle Department of Transportation
ORDINANCE NO. PW NO.
SCALE:

PIONEER SQUARE
EAST–WEST STREETS

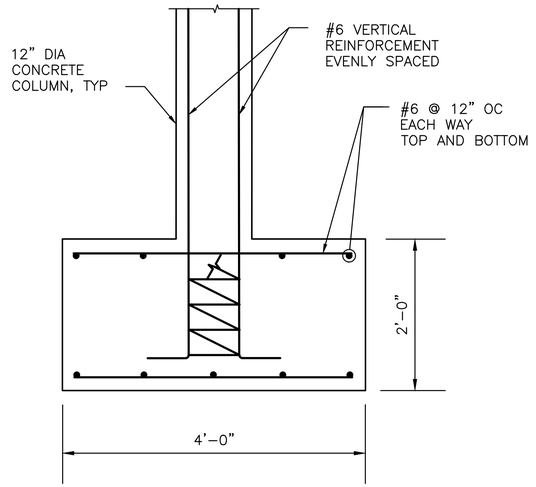
JOB PC TRC0449-S0100 CO
VPI #
STD05
SHEET 185 OF 198

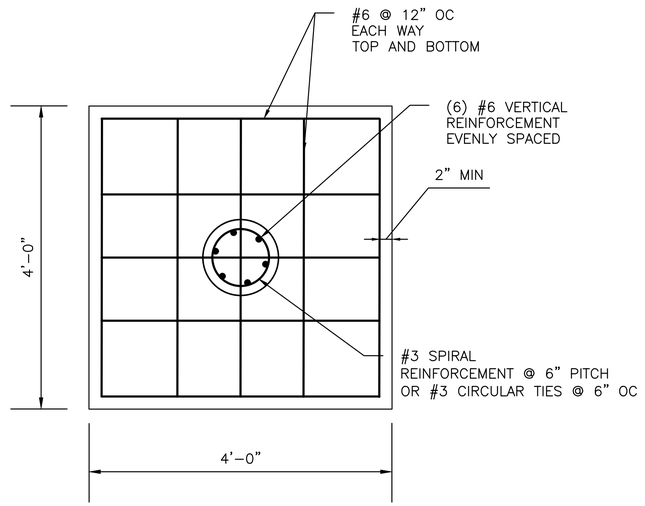
NOTES:

1. REFER TO NOTES ON STD05.



TYPICAL COLUMN DETAILS 1
SCALE: 1" = 0'-6"





TYPICAL COLUMN DETAILS 2
SCALE: 1" = 1-0"

PLEASE CALL 811
3 Working Days
BEFORE YOU DIG

FINAL CIRCULATION (100%)

TYPICAL STRUCTURAL DETAILS

NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO.	DATE	MARK
3843		

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CHECKED	SC	06/03/2022
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CHECKED	SC	06/03/2022

INITIALS AND DATE	
REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
REVISED AS BUILT	

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0-02.3 OF THE PROJECT MANUAL.

SAMIR I. CHUDGAR
STATE OF WASHINGTON
32119
STRUCTURAL ENGINEER
PROFESSIONAL ENGINEER

Seattle Department of Transportation
ORDINANCE NO. PW NO.
SCALE:

PIONEER SQUARE
EAST-WEST STREETS

JOB PC TRC0449-S0100
CO
VPI #
STD06
SHEET 186 OF 198

D:\CEC\Shivam\Projects\887 Pioneer Square Streets\Shivam\PSEWS_JP and CR Sheets\Plan Sheets\PSEWS_STR-DETAILS.dwg
May-25-22 3:05pm

Contents

EG01 Drawing Index and Schedules
EG02 Kickrail—Laser Etched Artwork
EG03 Kickrail—Laser Etched Artwork
EG04 Kickrail—Laser Etched Artwork

General Notes

Fabricator to provide shop drawings in their own hand for approval of all sign types prior to production.

Fabricator to provide graphic proofs of all artwork for client's approval prior to production.

Material Samples: Fabricator to provide Qty: 3 sets of all material samples listed. One to be shipped to Studio Matthews in Seattle, one provided to Client, one provided to Contractor for control sample.

All material samples to be submitted to Studio Matthews for approval prior to mockup fabrication.

Mockups: Fabricator to provide Qty: 1 of all mockups listed to Studio Matthews.

Fabricator assumes responsibility for identifying and confirming all details within this scope of work are of sound structural design and comply with any structural and/or life safety requirements. Any requisite outside consultation with licensed engineer should be carried under Fabricator scope of work.

Fabricator to coordinate any structural and/or electrical requirements/locations/ details with appropriate trades.

Artwork will be provided as CMYK vector files unless otherwise noted.

See Kickrail constrcution detail on 2/UDD04.

Signage Schedule

Description	Detail Page	Quantity
Kickrail - Laser Etched Graphics	2/UDD04	16

Final Artwork Schedule

Detail/Sheet	Description	Final Artwork Deliverable from Studio Matthews (SM)
1/EG02	Kickrail—Main and Post 1	Final Art
2/EG02	Kickrail—Main and Post 2	Final Art
3/EG02	Kickrail—Main and Post 3	Final Art
4/EG02	Kickrail—Main and Post 4	Final Art
5/EG02	Kickrail—Main and Post 5	Final Art
6/EG02	Kickrail—Main and Post 6	Final Art
1/EG03	Kickrail—Washington and Nord 1	Final Art
2/EG03	Kickrail—Washington and Nord 2	Final Art
3/EG03	Kickrail—Washington and Nord 3	Final Art
1/EG04	Kickrail—Washington and Post 1	Final Art
2/EG04	Kickrail—Washington and Post 2	Final Art
3/EG04	Kickrail—Washington and Post 3	Final Art
4/EG04	Kickrail—Washington and Post 4	Final Art
5/EG04	Kickrail—Washington and Post 5	Final Art
6/EG04	Kickrail—Washington and Post 6	Final Art
7/EG04	Kickrail—Washington and Post 7	Final Art

Mockup Schedule

Detail/Sheet	Sign/EGD Type	Mockup Description
M/EG02	Kickrail Etched Graphics	48" length of laser-etched graphic on architectural surface (by others), including three 16" sections of 1/16", 1/8", and 3/16" laser etch each.

All mockups to be representative of final finished product per drawing set

SM to provide artwork for all mockups

VAULT SERIAL NO.	DATE	MARK	REVISIONS	MADE	CHK'D	REV'D
VS #			MATURE			

FINAL CIRCULATION (100%)

DRAWING INDEX AND SCHEDULES

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CHECKED	NF May 2022	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN	DN May 2022	RECEIVED	
CHECKED	NF May 2022	REVISED AS BUILT	

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 9428 EXP. 7/3/2023 · LANDSCAPE ARCHITECT ·

Seattle Department of Transportation
ORDINANCE NO. ordinance PW NO. PW #
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # V #
EG01
SHEET 187 OF 198

M Etched Kickrail Mockup Section

Scale: 1"=2"

1 Kickrail Main and Post 1

Scale: 1"=10"

3 Kickrail Main and Post 3

Scale: 1"=10"

5 Kickrail Main and Post 5

Scale: 1"=10"

2 Kickrail Main and Post 2

Scale: 1"=10"

4 Kickrail Main and Post 4

Scale: 1"=10"

6 Kickrail Main and Post 6

Scale: 1"=10"

VAULT	SPCN	NO.	DATE	MARK	REVISIONS
VS #					

FINAL CIRCULATION (100%)

KICKRAIL—LASER ETCHED ARTWORK

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DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON . . . . . 20 . .
BY: . . . . . .
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CHECKED	NF May 2022	DES.	CONST.
		SDOT	PROJ. MGR.
DRAWN	DN May 2022	RECEIVED	
CHECKED	NF May 2022	REVISED AS BUILT	

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 24928 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

Seattle Department of Transportation

ORDINANCE NO. ordinance PW NO. PW #
####
SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # V #
EG02
SHEET 188 OF 198

VAULT	SIGNAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
	VS #						

1 Kickrail Washington and Nord 1
Scale: 1"=10"

2 Kickrail Washington and Nord 2
Scale: 1"=10"

3 Kickrail Washington and Nord 3
Scale: 1"=10"

FINAL CIRCULATION (100%)

KICKRAIL—LASER ETCHED ARTWORK

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STATE OF WASHINGTON · AMANDA J. BAILEY · NO. 24928 EXP. 7/3/2023 · LANDSCAPE ARCHITECT

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SCALE: H. 1"=10', V. 1"=10'

PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # V #
EG03
SHEET 189 OF 198

1 Kickrail Washington and Post 1
Scale: 1"=10"

3 Kickrail Washington and Post 3
Scale: 1"=10"

6 Kickrail Washington and Post 6
Scale: 1"=10"

SOAKED AND DRIED CEDAR BARK MAKES IDEAL CORDAGE FOR HUNTING NETS

2 Kickrail Washington and Post 2
Scale: 1"=10"

4 Kickrail Washington and Post 4
Scale: 1"=10"

7 Kickrail Washington and Post 7
Scale: 1"=10"

SOAKED AND DRIED CEDAR BARK MAKES IDEAL CORDAGE FOR HUNTING NETS

5 Kickrail Washington and Post 5
Scale: 1"=10"

MAINT. SERVICE NO. | DATE | MARK | REVISIONS | MADE | CHK'D | REV'D

VS #

FINAL CIRCULATION (100%)

KICKRAIL—LASER ETCHED ARTWORK

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Seattle Department of Transportation
ORDINANCE NO. ordinance PW NO. PW #
####
SCALE: H. 1"=10', V. 1"=10'

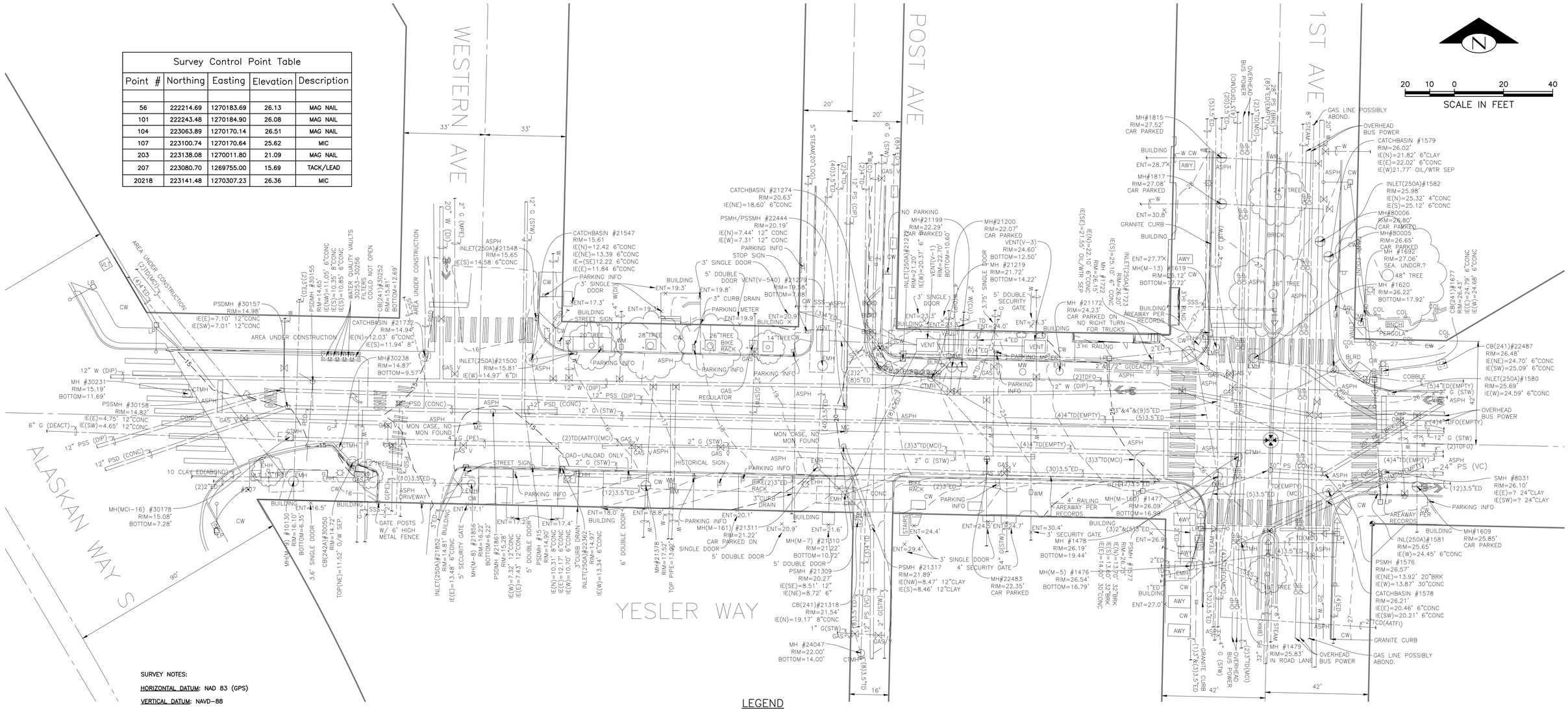
PIONEER SQUARE EAST–WEST STREETS

JOB PC JOB PC
CO JOB CO
VPI # V #
EG04
SHEET 190 OF 198

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA		

Survey Control Point Table

Point #	Northing	Easting	Elevation	Description
56	222214.69	1270183.69	26.13	MAG NAIL
101	222243.48	1270184.90	26.08	MAG NAIL
104	223063.89	1270170.14	26.51	MAG NAIL
107	223100.74	1270170.64	25.62	MIC
203	223138.08	1270011.80	21.09	MAG NAIL
207	223080.70	1269755.00	15.69	TACK/LEAD
20218	223141.48	1270307.23	26.36	MIC



SURVEY NOTES:

HORIZONTAL DATUM: NAD 83 (GPS)

VERTICAL DATUM: NAVD-88

BASIS OF BEARINGS:
WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE 1998 ADJUSTMENT

VERTICAL BENCHMARKS:
SNV-5153, SNV-3663 (SEE NOTE BELOW)

CITY DATUM/NAVD88 DIFFERENCE:
COS DATUM IS 9.7' LOWER THAN NAVD-88

PROJECT SCALE FACTOR: 0.999986607

CONVERGENCE ANGLE: -2'11'54.2365"

PROJECT COMBINED GRID FACTOR: 0.999983427

PROJECT BENCHMARKS:

SNV-5153, ELEVATION=26.259 (NAVD 88): BRASS CAP AT BACK OF CONC WALK AND 0.4'N OF NW BLDG COR IN SE QUAD OF INTX 1ST AVE S & S JACKSON ST

SNV-3663-25D, ELEVATION=28.355' (NAVD 88): 2"BRASS CAP STAMPED "3663-25D" OPPOSITE OF CENTERLINE CURB, SOUTH SIDE OF S MAIN ST, AT EXTENDED CENTERLINE OF OCCIDENTAL AVE S

GEOREGISTRATION: NW 1/4 OF THE NW 1/4 OF SEC. 5, T. 24 N., R. 4 E., W.M. & NE 1/4 OF THE NE 1/4 OF SEC. 6, T. 24 N., R. 4 E., W.M.

LEGEND

- PK NAIL
- MON IN CASE
- SURFACE MON
- BRASS DISK
- GAS V — GAS VALVE
- WATER VALVE
- WM — WATER METER
- WATER MAINT. HOLE
- MW — WATER MONITORING WELL
- FIRE HYDRANT
- FIRE STAND PIPE
- SIGN
- MAINT. HOLE(MISC)
- EMH — MAINT. HOLE (ELEC.)
- CTMH — MAINT. HOLE (COMM.)
- INLET(250A)
- INLET(150A)
- CATCHBASIN(241)
- CATCHBASIN(242A)
- CATCH BASIN(151)
- LP — LIGHT POLE
- LUMINARY
- EHH — JUNCTION BOX
- PARKING METER
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL POLE
- PED. XING SIGNAL
- PED. PUSH BUTTON
- DECID. TREE
- 6" ALUM. DISK
- CENTER LINE
- RIGHT OF WAY
- COMBINED SEWER LARGE(MISC)
- COMBINED SEWER SMALL(MISC)
- SEWER LARGE(MISC)
- SEWER SMALL(MISC)
- STORM LARGE(MISC)
- STORM SMALL(MISC)
- WATER LARGE
- WATER SMALL
- POWER
- COMMUNICATION
- GAS
- STEAM
- RAILING
- STRUCTURES AND CURB LINES
- CONTOUR(MINOR)
- CONTOUR(MAJOR)
- AREAWAY PER PROVIDED GIS MAPS

SURVEY TOPO – YESLER WAY

NO.	DATE	MARK	NATURE
		MADE	CHK'D REV'D
VAULT SERIAL NO. 38413			REVISIONS

P:\MIC SvR\P0023520W\Execution\Drawings\Survey\YESLER\YESLER-JAMES-TOPO.DWG
Jan-06-22 12:13pm

WHPacific
An NV5 Company
19201 120th Ave NE, Ste 201
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425-951-4800 Fax 425-951-4808

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JAMES L. PURDON — STATE OF WASHINGTON — 33148 — REGISTERED PROFESSIONAL LAND SURVEYOR

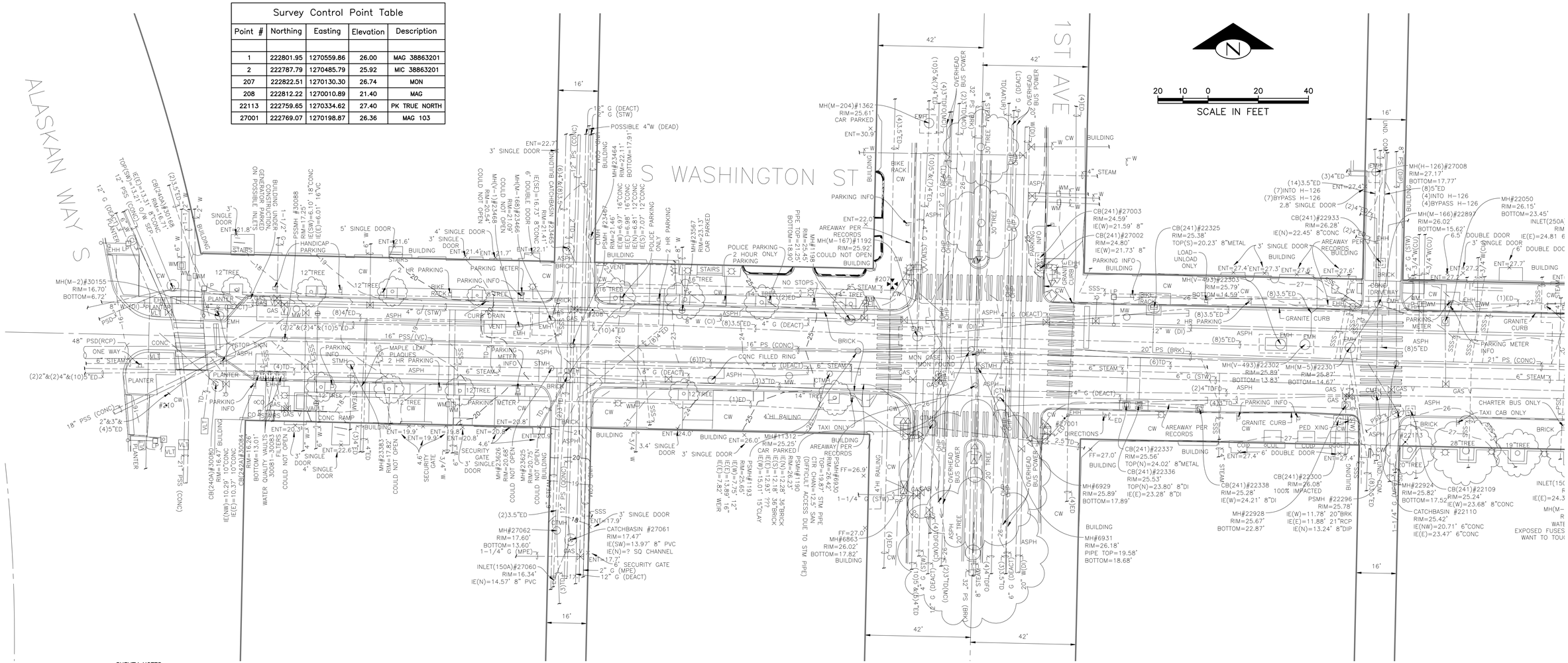
Seattle Department of Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: 1" = 20'

PIONEER SQUARE EAST–WEST STREETS

JOB PC CO
VPI # 792-293
V 01
SHEET 191 OF 198

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA		

Survey Control Point Table				
Point #	Northing	Easting	Elevation	Description
1	222801.95	1270559.86	26.00	MAG 38863201
2	222787.79	1270485.79	25.92	MIC 38863201
207	222822.51	1270130.30	26.74	MON
208	222812.22	1270010.89	21.40	MAG
22113	222759.65	1270334.62	27.40	PK TRUE NORTH
27001	222769.07	1270198.87	26.36	MAG 103



SURVEY NOTES:

HORIZONTAL DATUM: NAD 83 (GPS)

VERTICAL DATUM: NAVD-88

BASIS OF BEARINGS:
WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE
1998 ADJUSTMENT

VERTICAL BENCHMARKS:
SNV-5153, SNV-3663 (SEE NOTE BELOW)

CITY DATUM/NAVD88 DIFFERENCE:
COS DATUM IS 9.7' LOWER THAN NAVD-88

PROJECT SCALE FACTOR: 0.999986607

CONVERGENCE ANGLE: -2°11'54.2365"

PROJECT COMBINED GRID FACTOR: 0.999983427

PROJECT BENCHMARKS:

SNV-5153, ELEVATION=26.259 (NAVD 88): BRASS CAP AT BACK OF CONC WALK AND 0.4'N OF NW BLDG COR IN SE QUAD OF INTX 1ST AVE S & S JACKSON ST

SNV-3663-25D, ELEVATION=28.355' (NAVD 88): 2"BRASS CAP STAMPED "3663-25D" OPPOSITE OF CENTERLINE CURB, SOUTH SIDE OF S MAIN ST, AT EXTENDED CENTERLINE OF OCCIDENTAL AVE S

GEOREGISTRATION: NW 1/4 OF THE NW 1/4 OF SEC. 5, T. 24 N., R. 4 E., W.M. & NE 1/4 OF THE NE 1/4 OF SEC. 6, T. 24 N., R. 4 E., W.M.

LEGEND

- PK NAIL
- MON IN CASE
- SURFACE MON
- BRASS DISK
- GAS V — GAS VALVE
- WATER VALVE
- WM — WATER METER
- WATER MAINT. HOLE
- MW — WATER MONITORING WELL
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- GAS
- STEAM
- RAILING
- STRUCTURES AND CURB LINES
- CONTOUR(MINOR)
- CONTOUR(MAJOR)
- AREAWAY PER PROVIDED GIS MAPS

SURVEY TOPO – S, WASHINGTON ST.

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38413						

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CHECKED	
DRAWN CEH	
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REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
REVISED AS BUILT	

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JAMES L. PERRY — STATE OF WASHINGTON — 33146 — REGISTERED PROFESSIONAL LAND SURVEYOR

Seattle Department of Transportation

ORDINANCE NO. PW NO.
FUND:
SCALE: 1" = 20'

PIONEER SQUARE EAST–WEST STREETS

JOB	PC
	CO
VPI #	792–293
	V 02
SHEET	192 OF 198

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA		

Survey Control Point Table				
Point #	Northing	Easting	Elevation	Description
1	222801.95	1270559.86	26.00	MAG 38863201
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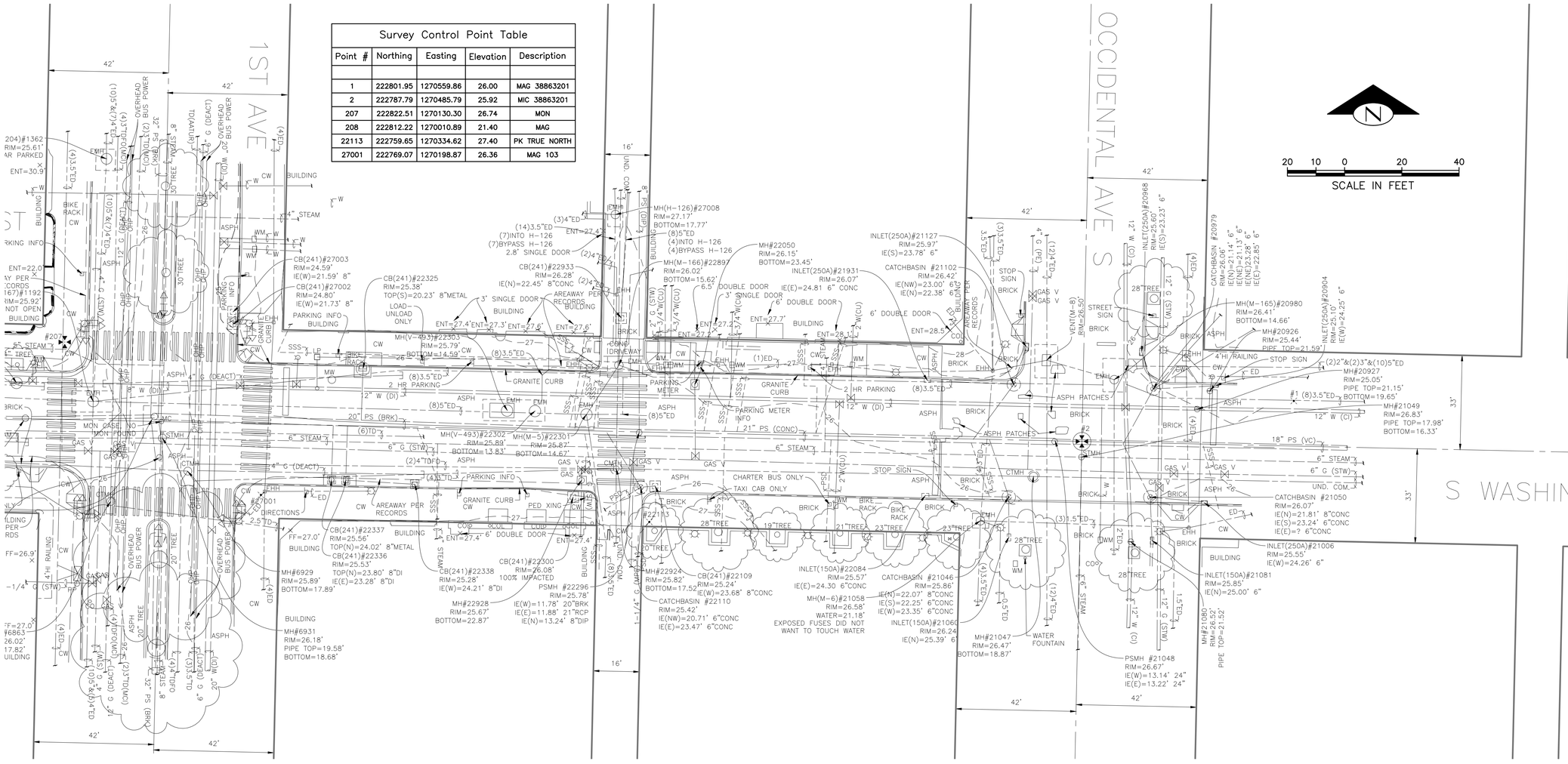

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JOB	PC
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VPI #	792-293
	V 03
SHEET	193 OF 198

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
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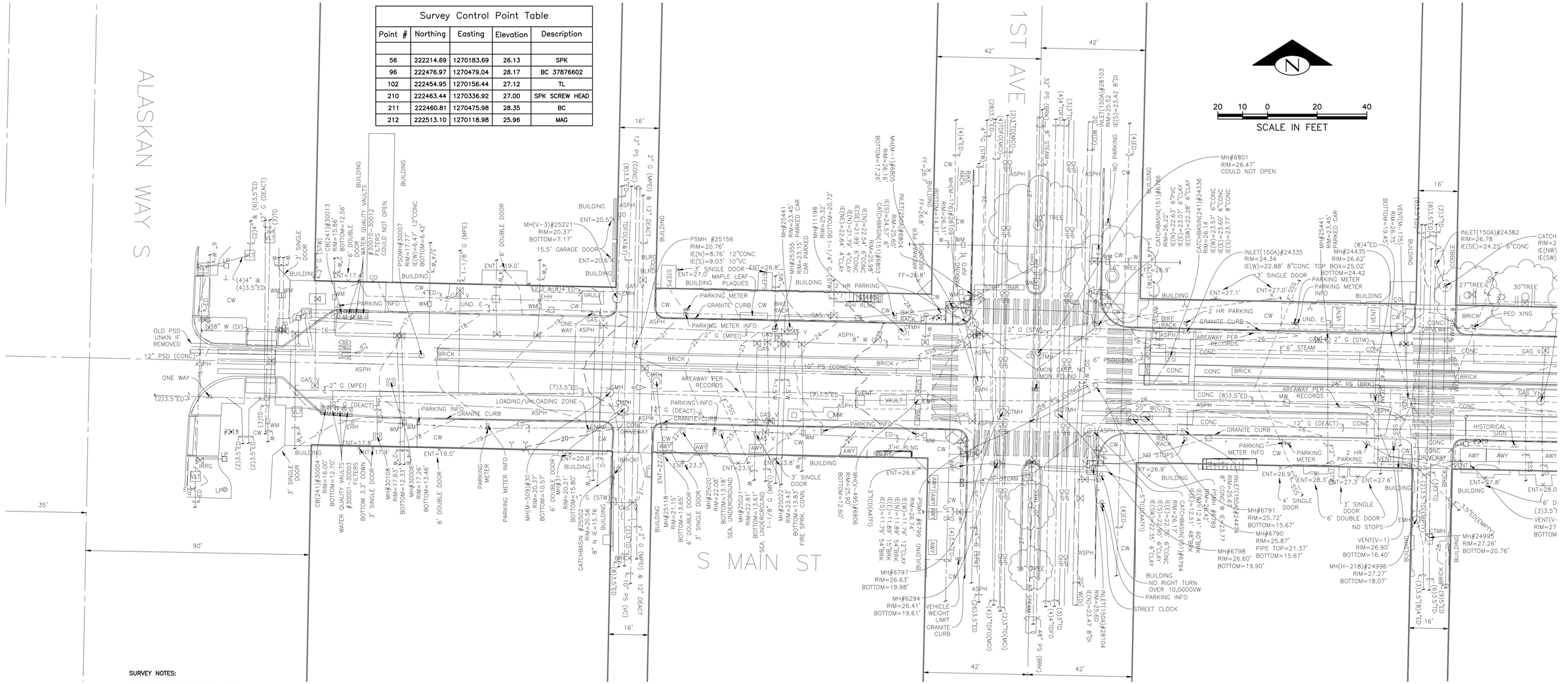
Survey Control Point Table				
Point #	Northing	Easting	Elevation	Description
56	222214.69	1270183.69	26.13	SPK
96	222476.97	1270479.04	28.17	BC 37876602
102	222454.95	1270156.44	27.12	TL
210	222463.44	1270336.92	27.00	SPK SCREW HEAD
211	222460.81	1270475.98	28.35	BC
212	222513.10	1270118.98	25.96	MAG



SURVEY NOTES:

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SURVEY TOPO - S. MAIN ST.

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
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JAMES L. PURDY — STATE OF WASHINGTON — 33148 — REGISTERED PROFESSIONAL LAND SURVEYOR

Seattle Department of Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: 1" = 20'

PIONEER SQUARE EAST-WEST STREETS

JOB: PC CO
VPI # 792-293
V 04
SHEET 194 OF 198

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REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA		

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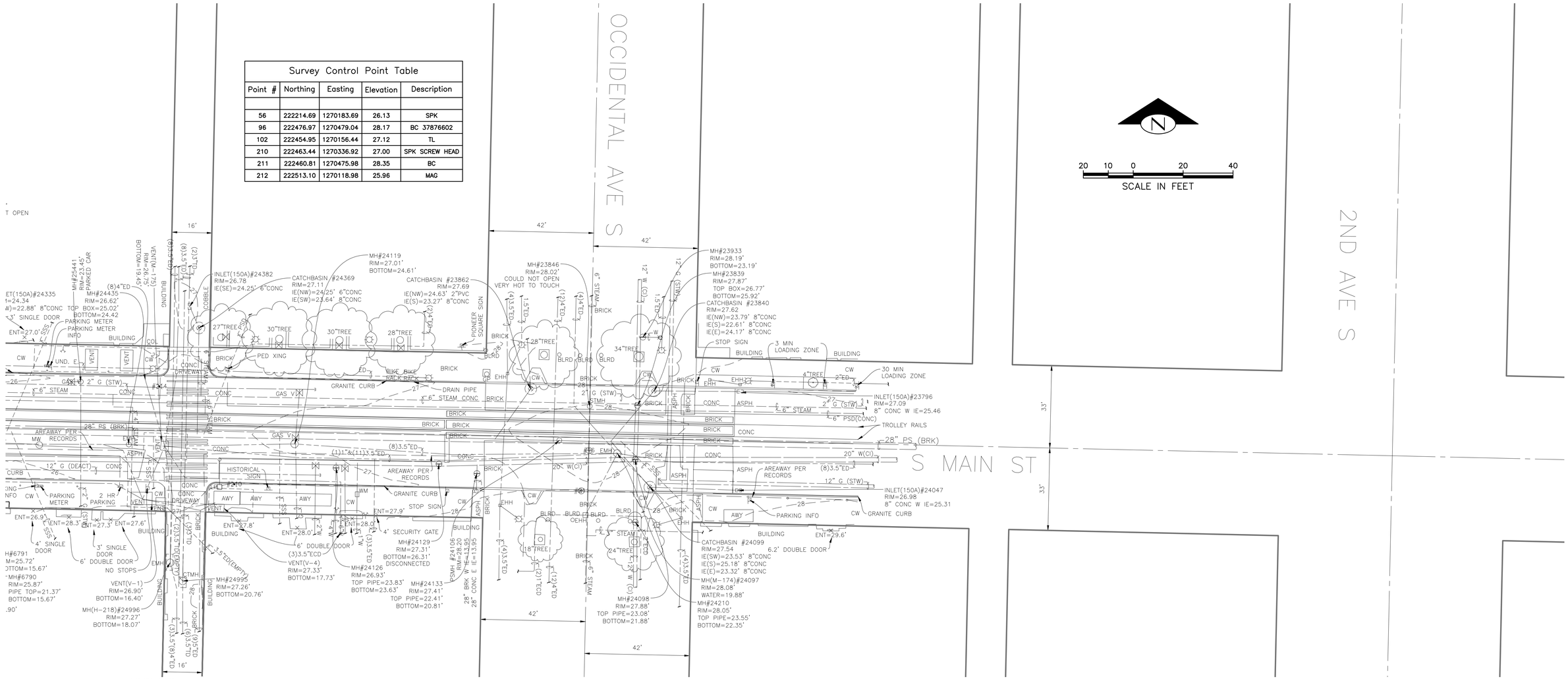

SURVEY NOTES:

HORIZONTAL DATUM: NAD 83 (GPS)

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BASIS OF BEARINGS:
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SURVEY TOPO – S. MAIN ST.

NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D

VAULT SERIAL NO. 38413

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Seattle Department of Transportation

ORDINANCE NO. PW NO.
FUND:
SCALE: 1" = 20'

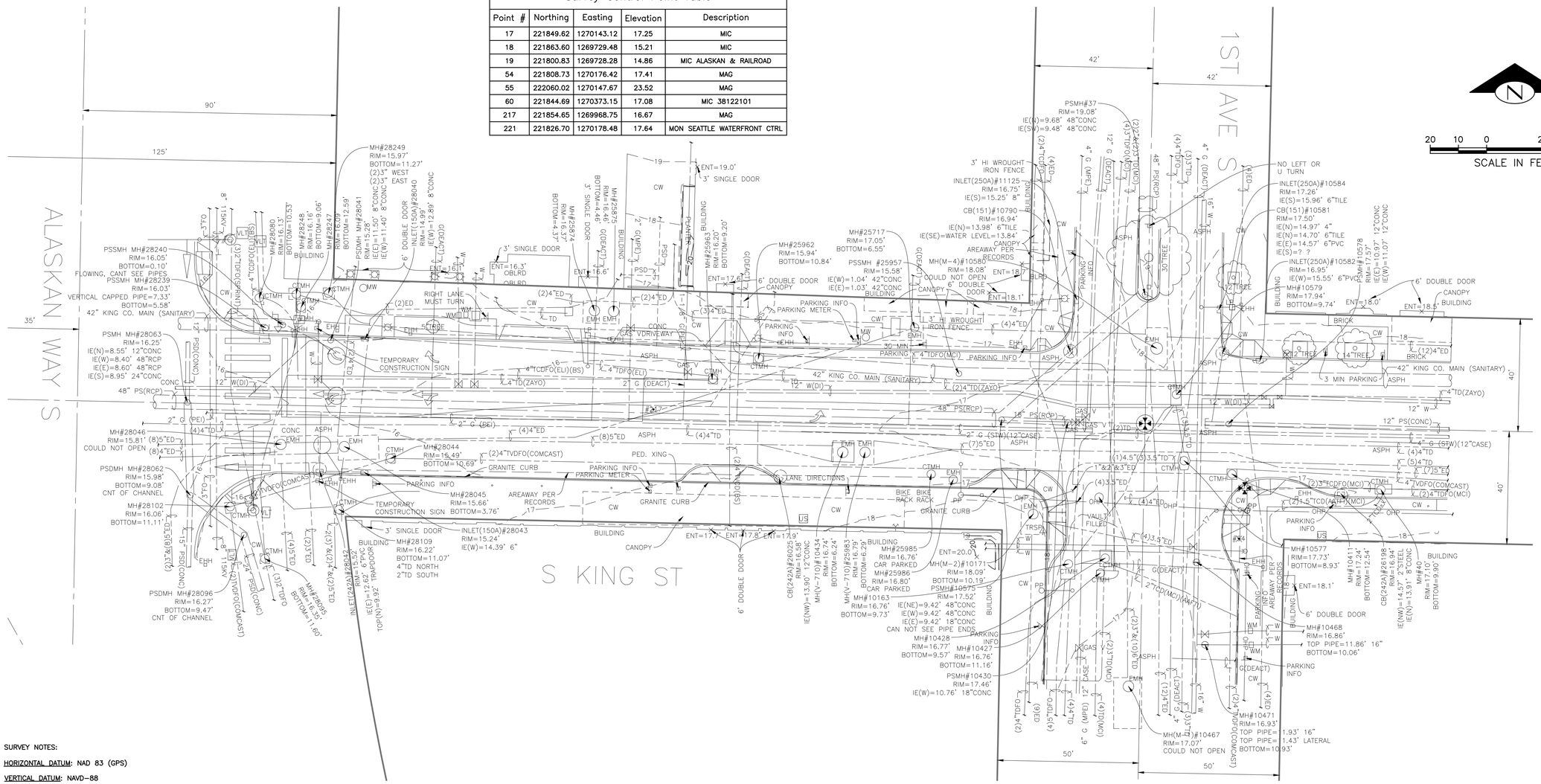
PIONEER SQUARE EAST-WEST STREETS

JOB	PC
	CO
VPI #	792-293
	V 05
SHEET	195 OF 198

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA		

Survey Control Point Table

Point #	Northing	Easting	Elevation	Description
17	221849.62	1270143.12	17.25	MIC
18	221863.60	1269729.48	15.21	MIC
19	221800.83	1269728.28	14.86	MIC ALASKAN & RAILROAD
54	221808.73	1270176.42	17.41	MAG
55	222060.02	1270147.67	23.52	MAG
60	221844.69	1270373.15	17.08	MIC 38122101
217	221854.65	1269968.75	16.67	MAG
221	221826.70	1270178.48	17.64	MON SEATTLE WATERFRONT CTRL



SURVEY NOTES:

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JOB	PC
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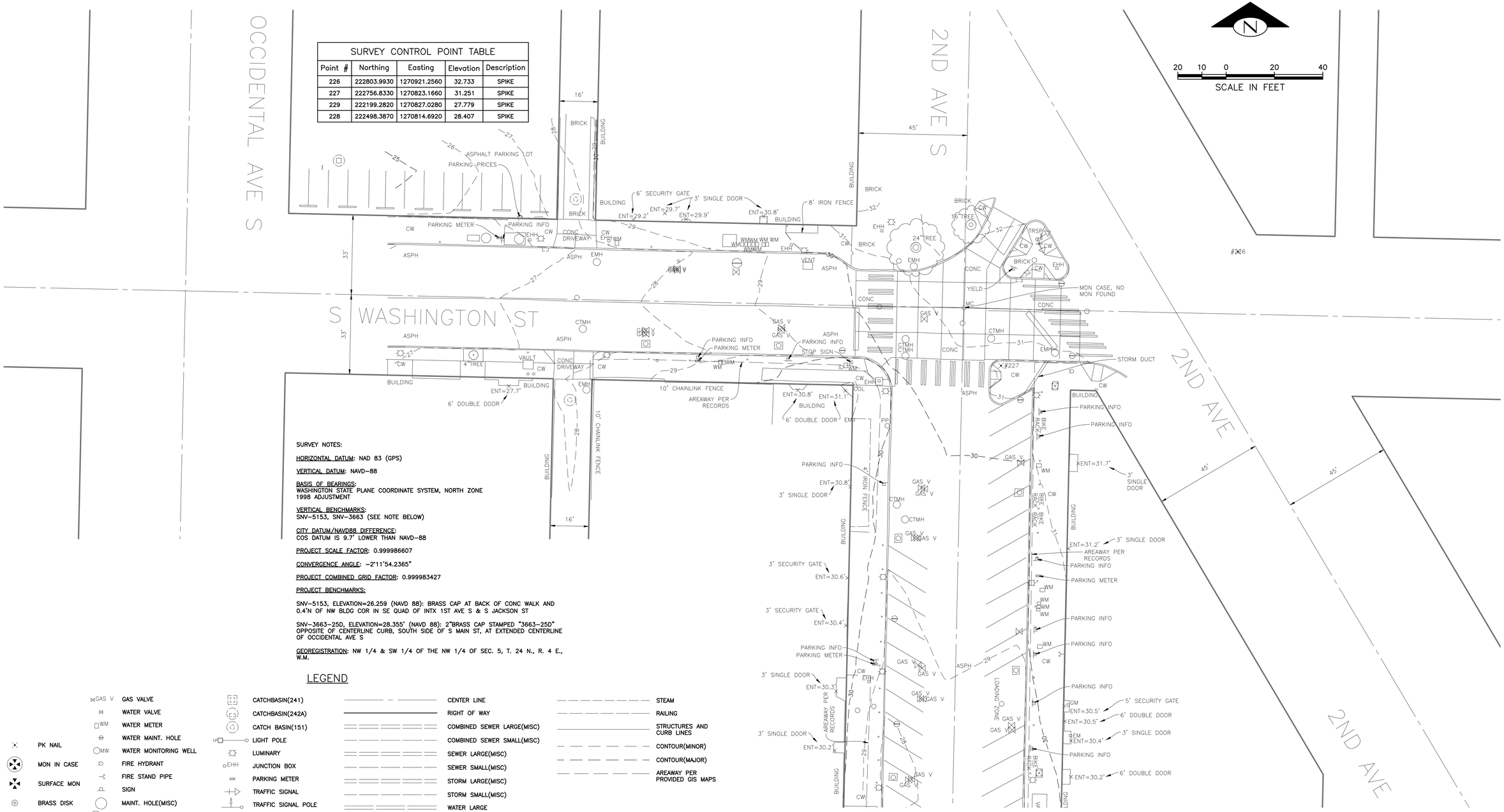
SHEET	196 OF 198

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA		

SURVEY CONTROL POINT TABLE				
Point #	Northing	Easting	Elevation	Description
226	222803.9930	1270921.2560	32.733	SPIKE
227	222756.8330	1270823.1660	31.251	SPIKE
229	222199.2820	1270827.0280	27.779	SPIKE
228	222498.3870	1270814.6920	28.407	SPIKE



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- FIRE STAND PIPE
- SIGN
- MAINT. HOLE(MISC)
- MAINT. HOLE (ELEC.)
- MAINT. HOLE (COMM.)
- INLET(250A)
- INLET(150A)
- CATCHBASIN(241)
- CATCHBASIN(242A)
- CATCH BASIN(151)
- LIGHT POLE
- LUMINARY
- JUNCTION BOX
- PARKING METER
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL POLE
- PED. XING SIGNAL
- PED. PUSH BUTTON
- DECID. TREE
- 6" ALUM. DISK
- CENTER LINE
- RIGHT OF WAY
- COMBINED SEWER LARGE(MISC)
- COMBINED SEWER SMALL(MISC)
- SEWER LARGE(MISC)
- SEWER SMALL(MISC)
- STORM LARGE(MISC)
- STORM SMALL(MISC)
- WATER LARGE
- WATER SMALL
- POWER
- COMMUNICATION
- GAS
- STEAM
- RAILING
- STRUCTURES AND CURB LINES
- CONTOUR(MINOR)
- CONTOUR(MAJOR)
- AREAWAY PER PROVIDED GIS MAPS

VAULT SERIAL NO.	DATE	MARK	NATURE REVISIONS	MADE	CHK'D	REV'D
38413						

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SURVEY TOPO – 2ND AVE. S.

WHPacific
An NV5 Company
19201 120th Ave NE, Ste 201
Bothell, WA 98011
425-951-4800 Fax 425-951-4808

APPROVED FOR ADVERTISING
LIZ ALZEER
DEPARTMENT OF FINANCE & ADMINISTRATIVE SERVICES
SEATTLE, WASHINGTON . . . . . 20 . . .

BY: . . . . . .
PURCHASING & CONTRACTING DIRECTOR

INITIALS AND DATE	
DESIGNED	
CHECKED	
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CHECKED	JLP

INITIALS AND DATE	
REVIEWED:	
DES.	CONST.
SDOT	PROJ. MGR.
RECEIVED	
REVISED AS BUILT	

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFICATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTION 0–02.3 OF THE PROJECT MANUAL.

JAMES L. PURDON
STATE OF WASHINGTON
33148
REGISTERED
PROFESSIONAL LAND SURVEYOR
6/16/21

Seattle Department of Transportation
ORDINANCE NO. PW NO.
FUND:
SCALE: 1" = 20'

PIONEER SQUARE EAST–WEST STREETS

JOB	PC
	CO
VPI #	792–293
	V 07
SHEET	197 OF 198

REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.
10	WA		

LEGEND

PK NAIL	GAS VALVE	CATCHBASIN(241)	CENTER LINE
MON IN CASE	WATER VALVE	CATCHBASIN(242A)	RIGHT OF WAY
SURFACE MON	WATER METER	CATCH BASIN(151)	COMBINED SEWER LARGE(MISC)
BRASS DISK	WATER MAINT. HOLE	LIGHT POLE	COMBINED SEWER SMALL(MISC)
	WATER MONITORING WELL	LUMINARY	SEWER LARGE(MISC)
	FIRE HYDRANT	JUNCTION BOX	SEWER SMALL(MISC)
	FIRE STAND PIPE	PARKING METER	STORM LARGE(MISC)
	SIGN	TRAFFIC SIGNAL	STORM SMALL(MISC)
	MAINT. HOLE(MISC)	TRAFFIC SIGNAL POLE	WATER LARGE
	MAINT. HOLE (ELEC.)	PED. XING SIGNAL	WATER SMALL
	MAINT. HOLE (COMM.)	PED. PUSH BUTTON	POWER
	INLET(250A)	DECID. TREE	COMMUNICATION
	INLET(150A)	6" ALUM. DISK	GAS

STEAM	
RAILING	
STRUCTURES AND CURB LINES	
CONTOUR(MINOR)	
CONTOUR(MAJOR)	
AREAWAY PER PROVIDED GIS MAPS	

SURVEY NOTES:

HORIZONTAL DATUM: NAD 83 (GPS)

VERTICAL DATUM: NAVD-88

BASIS OF BEARINGS:
WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH ZONE 1998 ADJUSTMENT

VERTICAL BENCHMARKS:
SNV-5153, SNV-3663 (SEE NOTE BELOW)

CITY DATUM/NAVD88 DIFFERENCE:
COS DATUM IS 9.7' LOWER THAN NAVD-88

PROJECT SCALE FACTOR: 0.999986607

CONVERGENCE ANGLE: -2°11'54.2365"

PROJECT COMBINED GRID FACTOR: 0.999983427

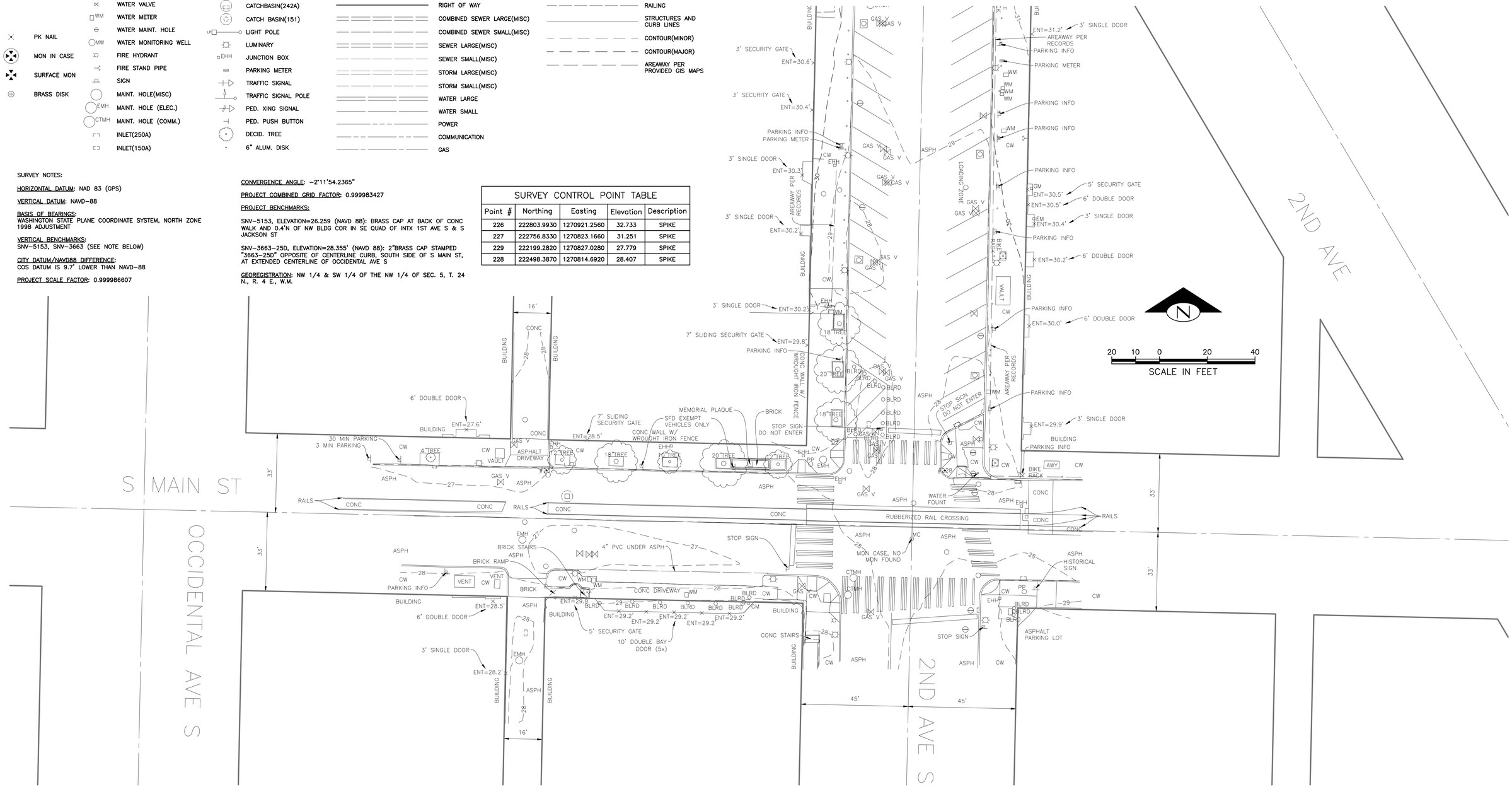
PROJECT BENCHMARKS:

SNV-5153, ELEVATION=26.259 (NAVD 88): BRASS CAP AT BACK OF CONC WALK AND 0.4'N OF NW BLDG COR IN SE QUAD OF INTX 1ST AVE S & S JACKSON ST

SNV-3663-25D, ELEVATION=28.355' (NAVD 88): 2"BRASS CAP STAMPED "3663-25D" OPPOSITE OF CENTERLINE CURB, SOUTH SIDE OF S MAIN ST, AT EXTENDED CENTERLINE OF OCCIDENTAL AVE S

GEOREGISTRATION: NW 1/4 & SW 1/4 OF THE NW 1/4 OF SEC. 5, T. 24 N., R. 4 E., W.M.

SURVEY CONTROL POINT TABLE				
Point #	Northing	Easting	Elevation	Description
226	222803.9930	1270921.2560	32.733	SPIKE
227	222756.8330	1270823.1660	31.251	SPIKE
229	222199.2820	1270827.0280	27.779	SPIKE
228	222498.3870	1270814.6920	28.407	SPIKE



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JAMES L. PERRY — STATE OF WASHINGTON — 33148 — REGISTERED PROFESSIONAL LAND SURVEYOR — 12/16/21

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