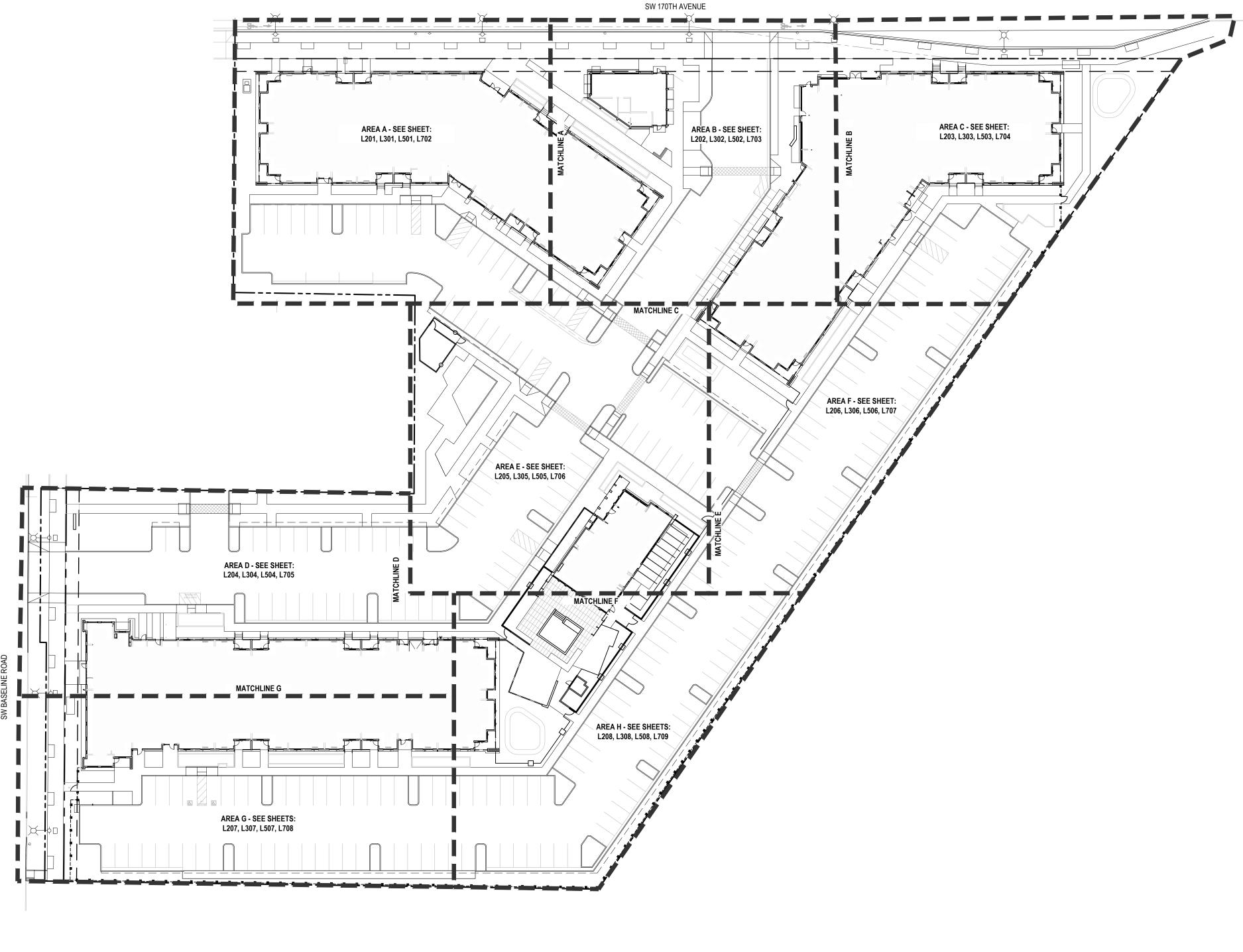
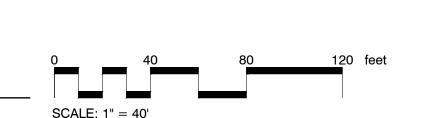
LANDSCAPE SHEET INDEX		
Sheet Number	Sheet Title	
L000	SITE KEY MAP	
L010	LANDSCAPE NOTES	
L020	LANDSCAPE COMPLIANCE ANALYSIS	
L100	TREE PLAN	
L301	MATERIALS PLAN - AREA A	
L302	MATERIALS PLAN - AREA B	
L303	MATERIALS PLAN - AREA C	
L304	MATERIALS PLAN - AREA D	
L305	MATERIALS PLAN - AREA E	
L306	MATERIALS PLAN - AREA F	
L307	MATERIALS PLAN - AREA G	
L308	MATERIALS PLAN - AREA H	
L501	PLANTING PLAN - AREA A	
L502	PLANTING PLAN - AREA B	
L503	PLANTING PLAN - AREA C	
L504	PLANTING PLAN - AREA D	
L505	PLANTING PLAN - AREA E	
L506	PLANTING PLAN - AREA F	
L507	PLANTING PLAN - AREA G	
L508	PLANTING PLAN - AREA H	
L511	CWS STORMWATER PLANTING PLAN	
L512	CWS STORMWATER PLANTING PLAN	
L513	CWS STORMWATER PLANTING PLAN	
L514	CWS STORMWATER PLANTING PLAN	
L810	CONSTRUCTION DETAILS	
L811	CONSTRUCTION DETAILS	
L812	CONSTRUCTION DETAILS	
L813	CONSTRUCTION DETAILS	
L814	CONSTRUCTION DETAILS	
L815	CONSTRUCTION DETAILS	
L820	PLANTING DETAILS	
L821	PLANTING DETAILS	

SITE KEY MAP





SCALE: 1" = 40'

NOT FOR CONSTRUCTION



38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209 T 503.245.7100

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101

T 206.576.1600

1014 HOWARD STREET

SAN FRANCISCO, CA 94103 T 415.252.7063



© ANKROM MOISAN ARCHITECTS, INC.

1204 SE Water Ave Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

REVISION	DATE	REASON FOR ISSUE
A	02/17/2023	LAND USE COMMENTS
A	04/28/2023	LAND USE REVISION 2
<u>£</u> 1	05/26/2023	LAND USE REVISION 3



LAND USE SET

SITE KEY MAP

DATE 5.26.2023

PROJECT NUMBER 215390

SHEET NUMBER

GENERAL SITE NOTES

- A. ALL WORK WITHIN THE PUBLIC RIGHT OF WAY UNDER SEPARATE PERMIT. SHOWN FOR REFERENCE ONLY. REFER TO APPROVED RIGHT OF WAY DRAWINGS PRIOR TO CONSTRUCTION.
- B. ALL PLANTING AND LANDSCAPE IMPROVEMENTS WITHIN THE RIGHT OF WAY SHALL MEET THE LOCAL JURISDICTION REQUIREMENTS, AND STANDARDS.
- C. REFERENCE CIVIL AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL SITEWORK
- INFORMATION D. SEE CIVIL FOR SOIL PROTECTION AND LIMIT OF GRADING.
- NOTIFY LANDSCAPE ARCHITECT OF ANY FIELD CHANGES TO THE SITE PLANS WHICH
- MAY REQUIRE ADJUSTMENT OF DESIGN.
- G. ALL LANDSCAPE AREAS TO BE REPAIRED AS NEEDED DUE TO CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO:
- SOIL COMPACTION FROM EQUIPMENT TRAFFIC OR MATERIAL STORAGE REPAIR NECESSARY TO FEATHER IN NEW FINISHED GRADE WITH EXISTING GRADE.

GRADE CHANGES OVER 3" WITHIN THE CRITICAL ROOT ZONE OF PROTECTED

- TREES REQUIRE THE ADVICE OF THE PROJECT ARBORIST. • LIMIT OF WORK BOUNDARY AND/OR ROOT PROTECTION FENCING REMOVAL OR INSTALLATION.
- GRUBBING AND REMOVAL OF NON-NATIVE PLANT SPECIES.
- INSTALLATION OR RE-VAMP WORK REQUIRED TO COMPLETE SITE WIDE IRRIGATION SYSTEM EXPANSION.
- H. ALL LANDSCAPE AREAS DAMAGED FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED
- AND RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER. TEMPORARY IRRIGATION TO BE PROVIDED AT ALL AREAS WHERE EXISTING LANDSCAPING IS REPLACED DUE TO CONSTRUCTION ACTIVITIES. THIS IRRIGATION SHALL BE MAINTAINED UNTIL PLANTINGS ARE FULLY ESTABLISHED. ALL TEMPORARY SURFACE IRRIGATION SYSTEMS SHALL BE REMOVED BY CONTRACTOR AFTER LANDSCAPING HAS BEEN ESTABLISHED AND CAN SURVIVE WITHOUT IRRIGATION.

SOIL PREPARATION NOTES

- A. DECOMPACT SOILS AND SUBSOILS IN PLANTING/SEEDED AREAS AS INDICATED IN PROJECT PLANS, DETAILS, AND SPECIFICATIONS IN MULTIPLE PASSES AT VARYING ANGLES ACROSS THE AREA WHEN
- B. AMEND SOILS PER REQUIREMENTS INDICATED IN PROJECT PLANS, DETAILS, AND SPECIFICATIONS.TYPES OF AMENDMENTS REQUIRED AND QUANTITIES SHALL BE BASED UPON ACTUAL RESULTS OF SOIL FERTILITY AND AGRICULTURAL SUITABILITY ANALYSIS AND RECOMMENDATIONS.
- C. SOIL AMENDMENT TYPES AND QUANTITIES TO BE PROVIDED TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION OF TOPSOIL/ROOT ZONE MIX IN PLANTING AND SEEDED AREAS.
- D. NOTIFY THE OWNER'S REPRESENTATIVE IF AREAS OF THE SITE HAVE BEEN RE-COMPACTED DUE TO THE USE OF EQUIPMENT AND VEHICLES. PRIOR TO INSTALLING PLANT MATERIAL IN THESE AREAS, THE COMPACTION IS TO BE MODIFIED TO MEET THE COMPACTION REQUIREMENTS INDICATED IN THE PROJECT SPECIFICATIONS.
- E. CONTRACTOR TO REVIEW PROJECT GEOTECHNICAL REPORT FOR SITE CONDITIONS AND MEET SOILS/SUBSOILS REQUIREMENTS INDICATED IN THE PROJECT SPECIFICATIONS.

SURVEY NOTES

A. SITE SURVEY WAS PREPARED BY TERRA CALC LAND SURVEYING INC. OF 1615 NE MILLER ST. MCMINNVILLE, OR 97128 AND DATED 03/18/2022. ALL GRADES SHOWN ON THE DRAWINGS ARE BASED UPON THE DATUM ESTABLISHED BY THE SURVEYOR. SHAPIRO DIDWAY ASSUMES NO RESPONSIBILITY FOR ACCURACY OF SURVEYED CONDITIONS AS SHOWN. SURVEY INFORMATION IS PROVIDED FOR REFERENCE ONLY. NOT ALL SURVEYED SPOT ELEVATION ARE SHOWN.

AMENDED PLANTING SOIL NOTES

- A. PLANTING AREAS TO RECEIVE A MINIMUM DEPTH OF IMPORTED AMENDED TOPSOIL AS INDICATED IN
- B. TREES TO RECEIVE A DEPTH OF IMPORTED AMENDED TOPSOIL THAT IS EQUAL TO OR GREATER THAN 2X THE ROOTBALL WIDTH AND 1.5X THE ROOTBAL DEPTH MEASURED FROM THE CENTER OF THE
- C. ALL IMPORTED AMENDED TOPSOIL TO MEET THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS.

STORMWATER FACILITY SOIL PLACEMENT NOTES

- A. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THAT THE REQUIRED CITY/COUNTY STORMWATER FACILITY INSPECTIONS HAVE BEEN PERFORMED AND APPROVED PRIOR TO PLACEMENT OF THE APPROVED AMENDED TOPSOIL, IRRIGATION AND PLANTING ABOVE DRAIN ROCK AND PIPING. B. REFER TO CIVIL ENGINEERS PLANS FOR SOIL MEDIA FINISHED GRADE ELEVATION AND DEPTH PRIOR
- TO INSTALLING THE APPROVED AMENDED TOPSOIL, IRRIGATION AND PLANTING. C. CONTRACTOR TO VERIFY STORMWATER AMENDED TOPSOIL MEETS THE REQUIREMENTS OF THE

LAYOUT NOTES

- ON-SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALE, LARGER SCALE OVER SMALLER SCALE, ADDENDA AND CLARIFICATIONS OVER PREVIOUS DOCUMENTS.
- CONTRACTOR TO LAYOUT HARDSCAPE ELEMENTS AND VERIFY LAYOUT WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. HARDSCAPE ELEMENTS ARE DIMENSIONED ON THE LANDSCAPE LAYOUT PLAN. ANY DISCREPANCIES OR CONFLICTS WITH EXISTING CONDITIONS OR OTHER DRAWINGS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY FOR PROPER CLARIFICATION OR ADJUSTMENT.
- WHERE DIMENSIONS ARE CALLED AS "EQUAL," SPACE REFERENCED ITEMS EQUALLY, MEASURED TO THEIR
- MEASUREMENTS ARE TO FINISHED FACE OF BUILDING, WALL OR FIXED SITE IMPROVEMENT UNLESS OTHERWISE NOTED. DIMENSIONS TO (CL) CENTER LINES IS AS INDICATED.
- INSTALL INTERSECTING ELEMENTS AT 90 DEGREE ANGLES TO EACH OTHER UNLESS OTHERWISE NOTED. PROVIDE ISOLATION JOINTS WHERE CONCRETE FLATWORK MEETS VERTICAL STRUCTURES SUCH AS WALLS, CURBS, STEPS AND BUILDING ELEMENTS.
- ALL WALKWAYS SHALL BE MEASURED AND DIMENSIONED FROM FINISHED FACE OF BUILDINGS. EXPANSION JOINTS IN CONCRETE WALKWAYS SHALL BE LOCATED TWENTY FEET 20'-0" O.C. MAXIMUM OR
- ALL RADII OF WALKWAY INTERSECTIONS ON THE PLANS SHALL BE #-0" OR AS INDICATED ON THE PLANS.
- ALL APPARENT INTERSECTIONS, ALIGNMENTS AND TANGENCIES, ETC. SHALL BE ASSUMED TO BE SO.
- REFER TO SURVEY FOR EXISTING CONDITIONS.
- REFER TO ARCHITECT, STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL LAYOUT DIMENSIONS. ANY DISCREPANCIES OR CONFLICTS WITH EXISTING CONDITIONS OR PROPOSED IMPROVEMENTS, SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY FOR CLARIFICATIONS OR ADJUSTMENT.
- M. RUNNING SLOPES ALONG ACCESSIBLE ROUTES SHOULD BE NOTED AT A MAXIMUM ALLOWED 5% (4.5% IS BEST TO ALLOW CONSTRUCTION TOLERANCE) FOR WALKING SURFACES. ACCESSIBLE PARKING STALLS AND ACCESS AISLES SHALL BE SHOWN WITH MAXIMUM ALLOWED SLOPES OF 2% (1.5% IS BEST) IN ALL DIRECTIONS INSIDE THE STALL AND ASSOCIATED ACCESS AISLE. RAMPS SHALL BE CLEARLY IDENTIFIED WITH SLOPE REQUIREMENTS. RAMPS REQUIRE A MAXIMUM ALLOWED SLOPE OF 8.3% (7.5% IS BEST). IF RISE IS GREATER THAN 6" AT A RAMP, THEN HANDRAILS WILL BE REQUIRED ON BOTH SIDES OF THE RAMP. RAMP LANDINGS AND DOOR MANEUVERING CLEARANCES SHALL BE DETAILED TO ENSURE THEY

DO NOT EXCEED 2% IN ANY DIRECTION (1.5% BEST). ALL ACCESSIBLE

ROUTES REQUIRE A MAXIMUM 2% (1.5% IS BEST) CROSS SLOPE.

PLANTING NOTES

- A. DO NOT WILLFULLY PROCEED WITH PLANTING OPERATIONS WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN THE DURING DESIGN PROCESS. BRING SUCH CONDITIONS IMMEDIATELY TO ATTENTION OF OWNER'S AUTHORIZED REPRESENTATIVE FOR RESOLUTION. ASSUME FULL RESPONSIBILITY FOR COSTS INCURRED AND
- REQUIRED MODIFICATIONS DUE TO LACK OF PROVIDING SUCH NOTIFICATION ENSURE THAT FINISH GRADE ELEVATIONS OF PLANTING AREAS ARE SET AT THE PROPER ELEVATIONS RELATIVE TO PAVING FINISH SURFACE ELEVATIONS, UTILITY COVERS AND CURBS. SHRUBS PLANTING AREAS AT 2" BELOW AND LAWN 1" BELOW ADJACENT GRADE. NOTIFY OWNER OF ANY DISCREPANCIES.
- ASSURE POSITIVE DRAINAGE IN ALL PLANTING AREAS TO DRAIN AWAY FROM BUILDING, 2% MINIMUM. QUANTITIES GIVEN FOR PLAN MATERIALS SPECIFIED FOR "ON CENTER" SPACING ARE SHOWN FOR CONVENIENCE ONLY AND ARE SUBORDINATE TO THE SPACING GIVEN. VERIFY PRIOR TO PURCHASE AND
- SUPPLY SUFFICIENT NUMBER OF PLANTS TO FULFILL SPACING REQUIREMENTS. EXACT LOCATIONS OF PLANT MATERIALS TO BE APPROVED BY THE LANDSCAPE ARCHITECT IN THE FIELD. STAGE ALL PLANT MATERIAL ONSITE PER PLAN, IN THE PLANT CONTAINERS. LARGER TREES MAY BE CENTER MARKED BY PAINTING, STAKING, OR FLAGGING. NOTIFY LANDSCAPE ARCHITECT OF PLACEMENT 48 HOURS PRIOR TO REQUIRED INSPECTION BY LANDSCAPE ARCHITECT. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST PLANT PLACEMENT WHILE STILL IN THE CONTAINERS, AT NO ADDITIONAL COST TO THE OWNER PRIOR TO APPROVAL OF THE FINAL PLANTING LOCATION.
- PLANTING SHALL NOT BE PERFORMED PRIOR TO THE FOLLOWING APPROVAL BY THE OWNER'S AUTHORIZED REPRESENTATIVE:
- OPERATIONAL IRRIGATION SYSTEM PROVIDING HEAD TO HEAD COVERAGE. DECOMPACTION AND PRE-PLANTING SOIL AMENDMENTS ARE COMPLETE.
- F. PLANT MATERIAL, I.E. TREES, SHRUBS, VINES, ESPALIERS AND GROUNDCOVERS, MUST BE APPROVED BY OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION. PLANT MATERIAL INSTALLED WITHOUT OWNER'S AUTHORIZED REPRESENTATIVE'S APPROVAL MAY BE SUBJECT TO REMOVAL AND REPLACEMENT WITH RELATED COSTS BORNE BY CONTRACTOR.
- G. IF CONFLICTS ARISE BETWEEN ACTUAL SIZE OF PLANTING AREAS ON-SITE AND THOSE AREAS INDICATED ON DRAWINGS, NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION.
- H. ALL EXPOSED SOIL TO RECEIVE A LANDSCAPE ARCHITECT APPROVED MULCH LAYER. MULCH SHALL BE AT THE DEPTH DEFINED IN THE PROJECT SPECIFICATIONS.
- PROVIDE ROOT CONTROL BARRIERS FOR ALL TREES PLANTED WITHIN 5' OF A HARDSCAPE EDGE SUCH AS PAVING, WALLS, STEPS, ETC. REFER TO PLANTING DETAILS FOR ADDITIONAL INFORMATION.
- INSTALL PLANT MATERIAL WITH ITS BEST SIDE FACING PREDOMINATE VIEW OF PUBLIC.
- K. PROVIDE THE PROPER SETBACK BETWEEN UTILITIES AND TREES CONTACT CITY INSPECTOR FOR REQUIRED SETBACKS IN THE CASE THAT THE DRAWINGS ARE NOT CLEAR. PROVIDE A 4 FT. DIAMETER MULCH CIRCLE AROUND ALL TREES PLANTED IN LAWN AREAS UNLESS
- NOTED OTHERWISE. M. PLANT SUBSTITUTIONS DUE TO AVAILABILITY, SHALL BE SUBMITTED IN WRITING TO LANDSCAPE
- ARCHITECT FOR APPROVAL.
- N. TREES TO BE PLANTED PER DETAIL 8/L820
- O. SHRUBS TO BE PLANTED PER DETAIL 2/L820 P. GROUNDCOVERS TO BE PLANTED PER DETAIL 1/L820

SIGHT DISTANCE TRIANGLE NOTES

ALL SHRUBS WITHIN THE SIGHT DISTANCE TRIANGLES SHALL BE MAINTAINED SO THAT FOLIAGE HEIGHT ABOVE PAVEMENT DOES NOT EXCEED 2.5 FEET. STREET TREES WITHIN SIGHT DISTANCE TRIANGLES SHALL BE LIMBED UP TO A HEIGHT OF 10 FEET CONSISTENT WITH ANSI A300 STANDARDS TO PROVIDE FOR SIGHT DISTANCE VISIBILITY

OPEN-FLAME FEATURE NOTES

- A. NATURAL GAS APPLIANCE IS ETL CERTIFIED AND MARKED.
- B. BURNER CONFORMS TO ANSI Z21.97/CSA 2.41 2012/10/01. C. AN AUTOMATIC FUEL SHUTOFF VALVE IS TO ACTIVATE UPON THE INITIATION OF THE FIRE ALARM SIGNAL AND WILL INTERRUPT THE FLOW OF GAS WHEN A FIRE ALARM IS ACTIVATED ANYWHERE IN THE BUILDING. A MANUAL SHUTOFF VALVE WITH SIGNAGE IS TO BE LOCATED WITHIN A MINIMUM OF 10 FEET AND A MAXIMUM OF 50 FEET FROM THE GAS BURNING APPLIANCES. THE SIGNAGE IS LOCATED AND NOTED AS READING: GAS SHUTOFF VALVE.

TREE PROTECTION NOTES

- PROTECT ALL TREES INDICATED TO REMAIN, INCLUDING BARK AND ROOT ZONES. B. FENCING SHALL BE INSTALLED PER THE TREE PLAN. FINAL LAYOUT SHALL BE REVIEWED AND
- APPROVED BY THE PROJECT ARBORIST AND/OR LANDSCAPE ARCHITECT. C. FOR ADDITIONAL INFORMATION SEE DETAIL 1/L821
- D. ALL WORK WITHIN THE TREE PROTECTION ZONE SHALL BE PERFORMED WITH HANDHELD TOOLS OR
- EXCAVATION WITHIN THE TREE PROTECTION ZONE SHALL BE PERFORMED WITH HANDHELD TOOLS OR AIR SPADE. EXCAVATE THE MINIMUM AMOUNT NECESSARY TO ACCOMPLISH PURPOSE FOR
- EXCAVATION. ROOTS OVER 4" DIAMETER SHALL BE CUT BY THE PROJECT ARBORIST. F. THE FOLLOWING IS PROHIBITED WITHIN THE ROOT PROTECTION ZONE OF EACH TREE OR OUTSIDE THE LIMITS OF THE DEVELOPMENT IMPACT AREA:

STOCKPILING, PROPOSED BUILDINGS, IMPERVIOUS SURFACES, UNDERGROUND UTILITIES,

- GROUND DISTURBANCE OR CONSTRUCTION ACTIVITY INCLUDING VEHICLE OR EQUIPMENT
- ACCESS (BUT EXCLUDING ACCESS ON EXISTING STREETS OR DRIVEWAYS) STORAGE OF EQUIPMENT OR MATERIALS INCLUDING SOIL, TEMPORARY OR PERMANENT
- EXCAVATION OR FILL, TRENCHING OR OTHER WORK ACTIVITIES E. PROTECTIVE FENCE SHALL BE INSTALLED BEFORE ANY GROUND DISTURBING ACTIVITIES INCLUDING CLEARING AND GRADING, OR CONSTRUCTION STARTS; AND SHALL REMAIN IN PLACE
- UNTIL FINAL INSPECTION. F. SIGNAGE DESIGNATING THE PROTECTION ZONE AND PENALTIES FOR VIOLATIONS SHALL BE SECURED IN A PROMINENT LOCATION ON EACH PROTECTION FENCE.
- G. TREE PROTECTION ZONE SHALL REMAIN FREE OF ALL CHEMICALLY INJURIOUS MATERIALS AND LIQUIDS.

IRRIGATION NOTES

- B. IRRIGATION ZONES SHALL BE BROKEN UP INTO HYDROZONES BASED ON VEGETATION TYPE, PLANTING AREA, AND MICROCLIMATE
- C. ALL LOCAL MUNICIPAL AND STATE LAWS, RULES AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR.
- D. THE CONTRACTOR SHALL VERIFY SITE CONDITIONS, PROPERTY LINES, DIMENSIONS AND THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES AND SERVICES SHOWN IN THESE PLANS ARE APPROXIMATE ONLY. ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE
- CONDITIONS PRIOR TO BIDDING AND COMMENCING WORK. E. VERIFY THE ACTUAL LOCATION AND SIZE OF WATER METER AND WATER PRESSURE IN THE FIELD PRIOR TO STARTING WORK. IF ANY OF THE POINT OF CONNECTION (P.O.C.) INFORMATION SHOWN ON THESE DRAWING IS FOUND TO BE DIFFERENT THAN THE ACTUAL P.O.C. INFORMATION GATHERED IN THE FIELD. IMMEDIATELY NOTIFY LANDSCAPE ARCHITECT. SHOULD THE CONTRACTOR FAIL TO VERIFY THE P.O.C. INFORMATION AND NOTIFY THE ABOVE, ANY CHANGES REQUIRED BY LOW OR HIGH PRESSURE OR VOLUME SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- IRRIGATION SYSTEM IS BASED ON THE MINIMUM OPERATING PRESSURE OF THE SPRINKLERS AND THE MAXIMUM FLOW DEMAND FOR STATIONS PROPOSED. REFER TO DRAWINGS FOR FLOW DEMAND.
- G. P.O.C. AND EQUIPMENT LAYOUT INCLUDING, BUT NOT LIMITED TO, IRRIGATION WATER METER, FOR CLARITY ONLY. PLAN DOES NOT ACCOUNT FOR EQUIPMENT BY OTHERS WITHIN VICINITY OF P.O.C. OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION OF EQUIPMENT.
- PROVIDE P.O.C. PSI SUBMITTAL TO LANDSCAPE ARCHITECT PRIOR TO BEGINNING WORK. IRRIGATION IS DESIGNED FOR HEAD TO HEAD COVERAGE, THIS DESIGN IS DIAGRAMMATIC. ALL EQUIPMENT SYMBOL SIZES ARE SHOWN IS FOR DESIGN CLARITY ONLY. CONTRACTOR SHALL MEASURE ALL DISTANCES AND SPACING FROM CENTER OF SYMBOLS ON THE PLAN AND TRANSFER THOSE DISTANCES TO THE FIELD USING A PROPER MEASURING DEVICE SUCH AS A MEASURE TAPE OR WHEEL MAKE ANY AND ALL REQUIRED ADJUSTMENTS TO THE IRRIGATION PLAN TO ASSURE COMPLETE AND HEAD ΓΟ HEAD COVERAGE WITH MINIMUM OVER SPRAY.
- THE IRRIGATION COMPONENTS CONTRACTOR SHALL MODIFY LAYOUT AS NECESSARY FOR THE PROPER
- TO ADJACENT BUILDING, CURB, OR PAVING.
- SLEEVED, WHETHER SHOWN OR NOT. SLEEVES SHALL MINIMUM 4" DIAMETER, 6" MINIMUM FOR THE 4" MAINLINE OR AS INDICATED. SLEEVING MAY BE INCLUDED FOR FUTURE WORK.
- N. ALL PIPE OR EQUIPMENT SHOWN IN PAVING ADJACENT AND PARALLEL TO PLANTED AREAS IS INTENDED TO BE PLACED IN THAT AREA WHERE POSSIBLE. ALL MATERIAL TO BE INSTALLED ON OWNER'S
- P. UNLESS OTHERWISE NOTED, LATERAL LINE SHALL HAVE 18" OF COVER, AND MAIN LINES 24". 36" MAXIMUM
- IRRIGATION LINES AND EQUIPMENT MAY BE SHOWN WITHIN PAVING FOR CLARITY ONLY, ACTUAL
- R. SEE DETAILS AS REQUIRED.
- S. SEE SPEC SECTION 32 84 00 FOR ADDITIONAL INFORMATION.

IRRIGATION RIGHT-OF-WAY NOTES

- A. ALL WORK IN RIGHT-OF-WAY SHALL CONFORM TO LOCAL BUREAU OF TRANSPORTATION RIGHT-OF-WAY
- ONLY NON-PRESSURIZED PVC LATERAL LINES AND SPRINKLER HEADS ARE PROPOSED IN THE RIGHT-OF-WAY, NO OTHER PART OF THE IRRIGATION SYSTEM, SUCH AS PRESSURIZED MAINLINES.
- CONTROL VALVES, AND OR BACK-FLOW PREVENTERS, WILL BE LOCATED WITHIN THE RIGHT-OF-WAY. USE, AND SHALL BE ORIENTED SO AS TO LIMIT THE DISTRIBUTION OF WATER TO THE LANDSCAPED IRRIGATION SYSTEM WILL BE INSTALLED IN A MANNER THAT DOES NOT INTERFERE WITH STREET TREES,
- PROCESS OF INSTALLING THE IRRIGATION SYSTEM, A RIGHT-OF-WAY PERMIT WILL BE REQUIRED. ANY CONCRETE WORK IN THE PUBLIC RIGHT-OF-WAY REQUIRES A STANDARD RIGHT-OF-WAY CONSTRUCTION PERMIT.
- POTABLE WATER AND GAS UTILITIES, TYPICAL. PROVIDE 36" SEPARATION FOR FIRE WATER LINE. REFER TO CIVIL, PLUMBING AND OTHER DRAWINGS.

- A. ALL PLANTED AREAS TO BE IRRIGATED. WITH A PERMANENT AUTOMATIC IRRIGATION SYSTEM.
- OWNER'S REPRESENTATIVE. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH ALL SITE
- ELECTRICAL STUB-OUT, FILTER, MASTER VALVE, FLOW SENSOR IS DIAGRAMMATIC DUE TO THE SCALE OF THE DRAWING. LOCATIONS MAY BE SHOWN WITHIN PAVING AND/OR ORIENTED IN A CERTAIN DIRECTION CONTRACTOR SHALL VERIFY SPECIFIC LAYOUT ORIENTATION AND ACTUAL EQUIPMENT LOCATIONS WITH
- J. CONDITIONS IN THE FIELD MAY VARY, IF OBJECTS BLOCK OR PREVENT FREE AND CLEAR OPERATION OF COVERAGE. CONTRACTOR SHALL ALSO NOTIFY LANDSCAPE ARCHITECT.
- K. PLAN IS DIAGRAMMATIC. STAKE ALL VALVE BOX LOCATIONS FOR APPROVAL. SET VALVE BOXES SQUARE
- CONTRACTOR SHALL REFER TO IRRIGATION LEGEND FOR CONTROLLER TYPE. FINAL LOCATION OF CONTROLLER AND ELECTRICAL P.O.C. SHALL BE CONFIRMED WITH THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK.
- M. ALL PIPE UNDER BUILDINGS, ROADS, WALKS, PARKING AREAS OR OTHER PAVED SURFACES SHALL BE
- PROPERTY. O. PROVIDE GATE VALVES AT POINTS OF CONNECTION GATE VALVES SHALL BE INSTALLED AT MINIMUM 12"
- COVER UNDER ROADWAYS.
- LOCATION TO BE WITHIN PLANTER.

- REGULATIONS
- ALL PARTS OF THE IRRIGATION SYSTEM WILL BE BURIED A MINIMUM OF 12" BELOW GRADE, EXCEPT FOR SPRINKLER HEADS. SPRINKLER HEADS WILL BE FLUSH WITH THE SURROUNDING SURFACE WHEN NOT IN AREAS. FEEDER LINES BENEATH THE SIDEWALK WILL BE INSTALLED PERPENDICULAR TO THE SIDEWALK.
- UTILITIES, SIDEWALKS, OR OTHER PUBLIC INFRASTRUCTURE. D. IF ANY PORTION OF A DRIVEWAY APPROACH, SIDEWALK OR CURB IS DAMAGED OR REPLACED IN THE
- SLEEVES AND PIPE TO MAINTAIN CODE REQUIRED 12" SEPARATION FROM ELECTRIC, STORM,

NOT FOR CONSTRUCTION



38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101

T 503.245.7100

T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103

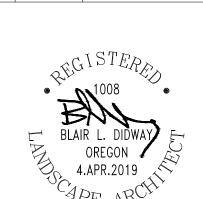
T 415.252.7063

© ANKROM MOISAN ARCHITECTS, INC.



1204 SE Water Ave |Portland, Oregon 97214 +1 503 232 0520 |www.shapirodidway.com

REVISION DATE REASON FOR ISSUE 02/17/2023 LAND USE COMMENTS 04/28/2023 LAND USE REVISION 2 05/26/2023 LAND USE REVISION 3



LAND USE SET

LANDSCAPE NOTES

5.26.2023

SHEET NUMBER

215390

PROJECT NUMBER

TOTAL SITE AREA = 226,245.8 SF

CODE SECTION 60.05.20/2/C LOADING AREAS, SOLID WASTE FACILITIES SCREENING:

CODE STANDARD	REQUIRED	PROVIDED
SERVICE AREAS, LOADING DOCKS, LOADING ZONES, OUTDOOR STORAGE AREAS, WASTE STORAGE, RECYCLING CONTAINERS, TRANSFORMERS AND UTILITY VAULTS ETC SHALL BE SCREENED	SOLID SCREEN WALL OR SOLID HEDGE WALL WITH MIN. 95% OPACITY IN 2 YEARS OR SOLID WOOD FENCE OF HEIGHT MIN. 1 FT HIGHER THAN FEATURE TO BE SCREENED	YES

CODE SECTION 60.05.20/3 PEDESTRIAN CIRCULATION:

CODE STANDARD	REQUIRED	PROVIDED
PEDESTRIAN WALKWAYS SHALL HAVE MIN. 5FT UNOBSTRUCTED CLEARANCE	MIN. 5 FT CLEAR WIDTH PAVING TO BE SCORED CONCRETE OR MODULAR PAVING MATERIALS	YES

CODE SECTION 60.05.20/4 STREET FRONTAGE AND PARKING AREAS:

CODE STANDARD	REQUIRED	PROVIDED
SURFACE PARKING AREAS ABUTTING A PUBLIC STREET SHALL PROVIDE PERIMETER LANDSCAPING	ONE OF FOLLOWING: MIN. 6 FT WIDE PLANTING STRIP BETWEEN R.O.W. AND PARKING WITH MIN. 2-1/2" CAL TREES AT MAX. 30 FT O.C. AND EV. HEDGE MIN. 30" HT AT PLANTING AND MAINTAINED AT MAX. 36" HT OR SOLID WALL OR FENCE 30 TO 36 INCHES IN HT PARALLEL TO AND NOT NEARER THAN 4 FT FROM R.O.W. AREA BETWEEN WALL/ FENCE AND STREET LINE TO BE LANDSCAPED	6 FT HIGH CEDAR FENCE IS PROVIDED. ADDITIONALLY ROW OF EVERGREEN SHRUBS (TO BE MAINTAINED AT 36") AND TWO TREES AT MAX. 30FT O.C. ARE PROVIDED

CODE SECTION 60.05.20/5 PARKING AREA LANDSCAPING:

CODE STANDARD	REQUIRED	PROVIDED	
1 PLANTER ISLAND FOR EVERY 10 CONTIGUOUS	1 ISLAND FOR EVERY 10 CONTINUOUS SPACES	YES - SEE CIVIL	
PARKING SPACES	EACH ISLAND TO BE:		
	MIN. 70 SF	SEE CIVIL	
	MIN. 6 FT WIDE	SEE CIVIL	
	CURBED	SEE CIVIL	
	MIN. 1 TREE OF MIN. MATURE HT 20FT	YES	
	TREES WITHIN LANDSCAPE PLANTER ISLANDS SHALL BE FROM CITY OF BEAVERTON STREET TREE LIST	YES	//

MINIMUM REQUIRED SITE LANDSCAPING CALCULATIONS:

PER CODE SECTION 60.05.25/5 LANDSCAPE REQUIREMENTS FOR MIXED USE DEVELOPMENT:

CODE STANDARD	REQUIRED	PROVIDED
MIN. 10% GROSS SITE AREA TO BE LANDSCAPED ABOVE GROUND WATER QUALITY TREATMENT FACILITY SHALL COUNT	236,531 SF X 0.10 = 23,653 SF	38,744 SF ON-SITE (EXCLUDES LANDSCAPING IN R.O.W DEDICATIONS) + 4,630 SF STORMWATER = 43,374 SF
		(

MINIMUM REQUIRED PLANTING CALCULATIONS:

PER CODE SECTION 60.05.25 LANDSCAPE REQUIREMENTS FOR MIXED USE DEVELOPMENT:

CODE STANDARD	REQUIRED	PROVIDED	
1 TREE PER 800 SF OF REQUIRED	23,653 SF / 800 SF = 30 TREES A	100 TREES ON-SITE EXCLUDING R.O.W.	
LANDSCAPE AREA	EV TREE TO MIN. 6 FT HT	N/A	
	DECIDUOUS TREE TO BE MIN. 1.5" CAL	YES	
1 EV SHRUB FOR EVERY 400 SF OF	23,653 SF / 400 SF = 59 EV SHRUBS A	YES	
REQUIRED LANDSCAPE	MIN. MATURE HT OF EV SHRUB = 48"	YES	
GRAVEL/ ROCKS/ BARK SHALL BE MAX. 25% OF REQUIRED LANDSCAPE AREA	22,653 x 0.25 = 5,663 SF MAX.	GRAVEL (MAINTENANCE STRIP ETC) = 3,807 SF	
HARD SURFACE PEDESTRIAN PLAZA OR COMBINED HARD SURFACE AND SOFT SURFACE PEDESTRIAN PLAZA, IF PROPOSED, CAN COUNT TOWARDS MIN. LANDSCAPING REQUIREMENTS		PEDESTRIAN PLAZA NOT PROPOSED	
BLDG ELEVATIONS VISIBLE AND WITHIN 200 FT OF PUBLIC STREET THAT DO NOT HAVE WINDOWNS ON GROUND FLOOR SHALL HAVE FOUNDATION PLANTING	FOUNDATION PLANTING SHALL CONSIST OF: MIN. 5 FT WIDE 1 TREE OF MIN.6 FT PLANTING HT AT EVERY 30 LF OF FOUNDATION 1 SHRUB OF MIN. 24" MATURE HT PER 3 FT OF FOUNDATION BETWEEN TREES STAGGERED GROUNDCOVER IN REMAINING AREA	NOT APPLICABLE - ALL FACADES HAVE WINDOWS ON GROUND LEVEL	
LANDSCAPE BUFFERING AND SCREENING	LANDSCAPE BUFFERNG AND SCREENING IS REQUIRED ALONG PROPERTY LINES BETWEEN DIFFERENT ZONING DISTRICTS. BUFFER STANDARDS DO NOT APPLY TO AREAS WHERE PUBLIC UTILITY EASEMENT EXIST.	NA - AS ADJACENT SITES ARE IN SAME ZONING DISTRICT. ALONG WEST PROPERTY LINE, SURFACE PARKING PERIMETER SCREENING IS PROVIDED IN FORM OF SECURITY FENCE	

STREET TREE REQUIREMENTS:

PER CODE SECTION 60.15.15/6 STREET TREES:

CODE STANDARD	REQUIRED	PROVIDED	
STREET TREES SHALL BE PLANTED ALONG STREET FRONTAGES	STREET TREES SHALL BE A MIN. 1.5 " CALLIPER OR 8-10 FT HIGH AND SHALL BE PLANTED AT A MAXIMUM LINEAR SPACING OF 30 FT. EFFECTIVE FRONTAGE ALONG SW 170TH AVE = 595 LF		Â
	MIN. STREET TREES REQUIRED ALONG SW 170TH AVE. = 595 / 30 = 20 STREET TREES REQUIRED EFFECTIVE FRONTAGE ALONG SW BASELINE RD = 247 LF MIN. STREET TREES REQUIRED ALONG SW BASELINE RD = 247 / 30 = 8 STREET TREES REQUIRED	16 STREET TREES PROVIDED 6 STREET TREES PROVIDED	~ <u>/C1</u>

PER CODE SECTION 60.30.10 BIKE PARKING:

CODE STANDARD	REQUIRED	PROVIDED
SHORT TERM BIKE PARKING IS REQUIRED	LOCATION IS ENCOURAGED TO BE WITHIN 50 FT OF PRIMARY ENTRANCE. IN CASE OF CONSTRAINTS SUCH AS SITE, SETBACK, BUILDING DESIGN OR OTHER, SHORT TERM BIKE PARKING SHALL BE NO MORE THAN 100 FT FROM PRIMARY ENTRANCE.	
	NO. OF SHORT TERM SPACES REQUIRED FOR RESIDENTIAL USES:	
	1 SPACE PER 20 DWELLING UNITS	
4	FOR 256 DWELLING UNITS SHORT TERM SPACES REQUIRED = 256 / 20 = 13 SPACES TO BE DISTRIBUTED BETEWEEN BLDG 1, 2 AND 3	13 SPACES PROVIDED
	NO. OF SHORT TERM SPACES REQUIRED FOR EACH RETAIL USE: 2 SPACES (OR 1 SPACE PER 12,000 SF OF FLOOR AREA)	2 SPACES PROVIDED PER RETAIL AREA
LONG TERM BIKE PARKING IS REQUIRED	COVERED PARKING SHALL BE PROVIDED	REFER ARCH DWGS

TREES AND VEGETATION:

PER CODE SECTION 40.90. TREE PLAN:

CODE STANDARD	REQUIRED	PROVIDED
NO TREE PLAN IS REQUIRED FOR REMOVAL OF UPTO 4 COMMUNITY TREES	NO OF COMMUNITY TREES REMOVED =	TREE PLAN - SEE L100

NOT FOR CONSTRUCTION



38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209 T 503.245.7100

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103 T 415.252.7063

© ANKROM MOISAN ARCHITECTS, INC.



SHAPIRO

1204 SE Water Ave Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

SW 170TH AND W BASELINE

REVISION	DATE	REASON FOR ISSUE
A	02/17/2023	LAND USE COMMENTS
A	04/28/2023	LAND USE REVISION 2
<u>£1</u>	05/26/2023	LAND USE REVISION 3



LAND USE SET

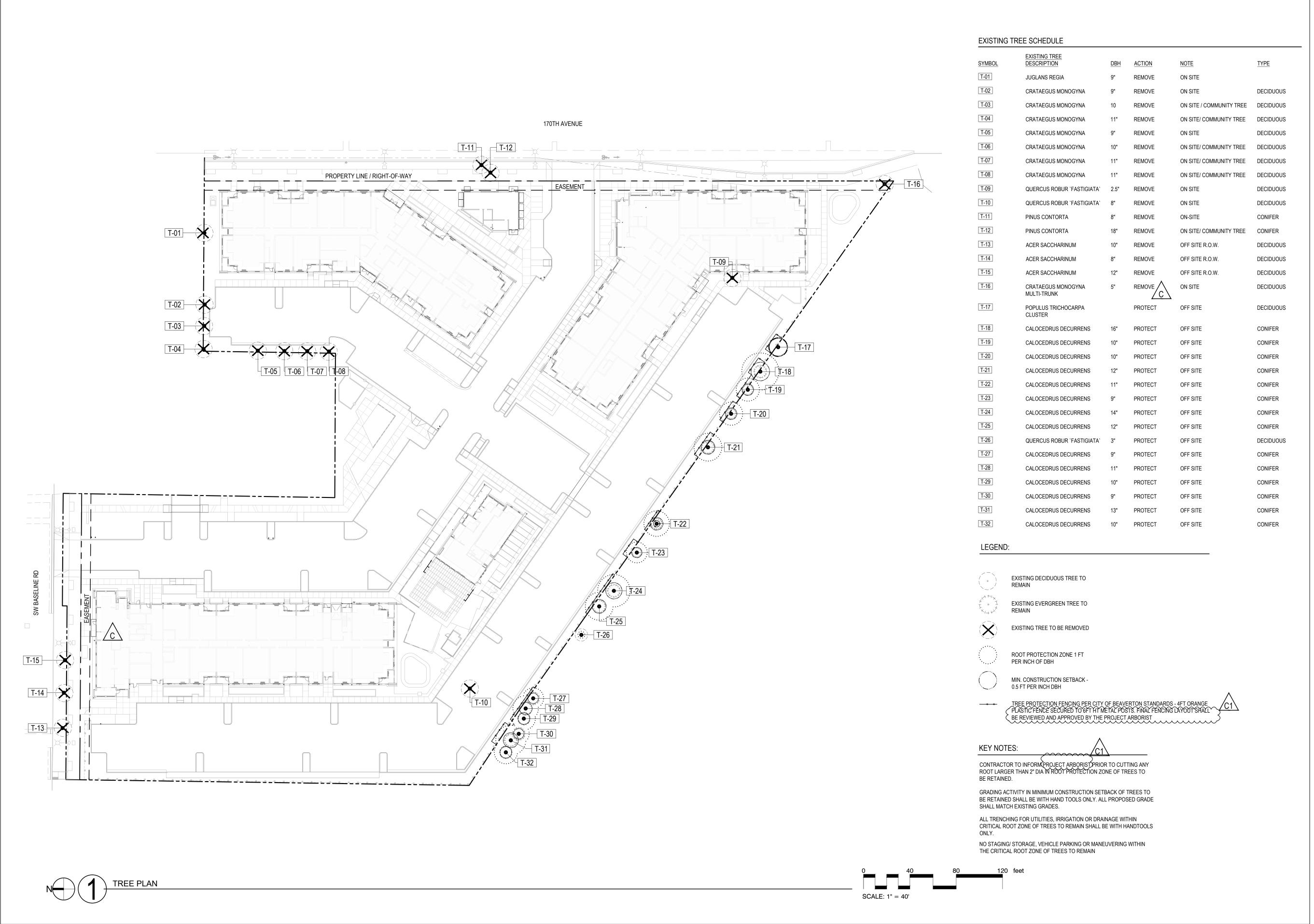
LANDSCAPE COMPLIANCE ANALYSIS

DATE 5.26.2023

PROJECT NUMBER 215390

L020

BER





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

T 503.245.7100

1014 HOWARD STREET SAN FRANCISCO, CA 94103 T 415.252.7063



1204 SE Water Ave

Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

SW 170TH AND W BASELINE

REVISION DATE REASON FOR ISSUE

A 02/17/2023 LAND USE COMMENTS

04/28/2023 LAND USE REVISION 2

05/26/2023 LAND USE REVISION 3



LAND USE SET

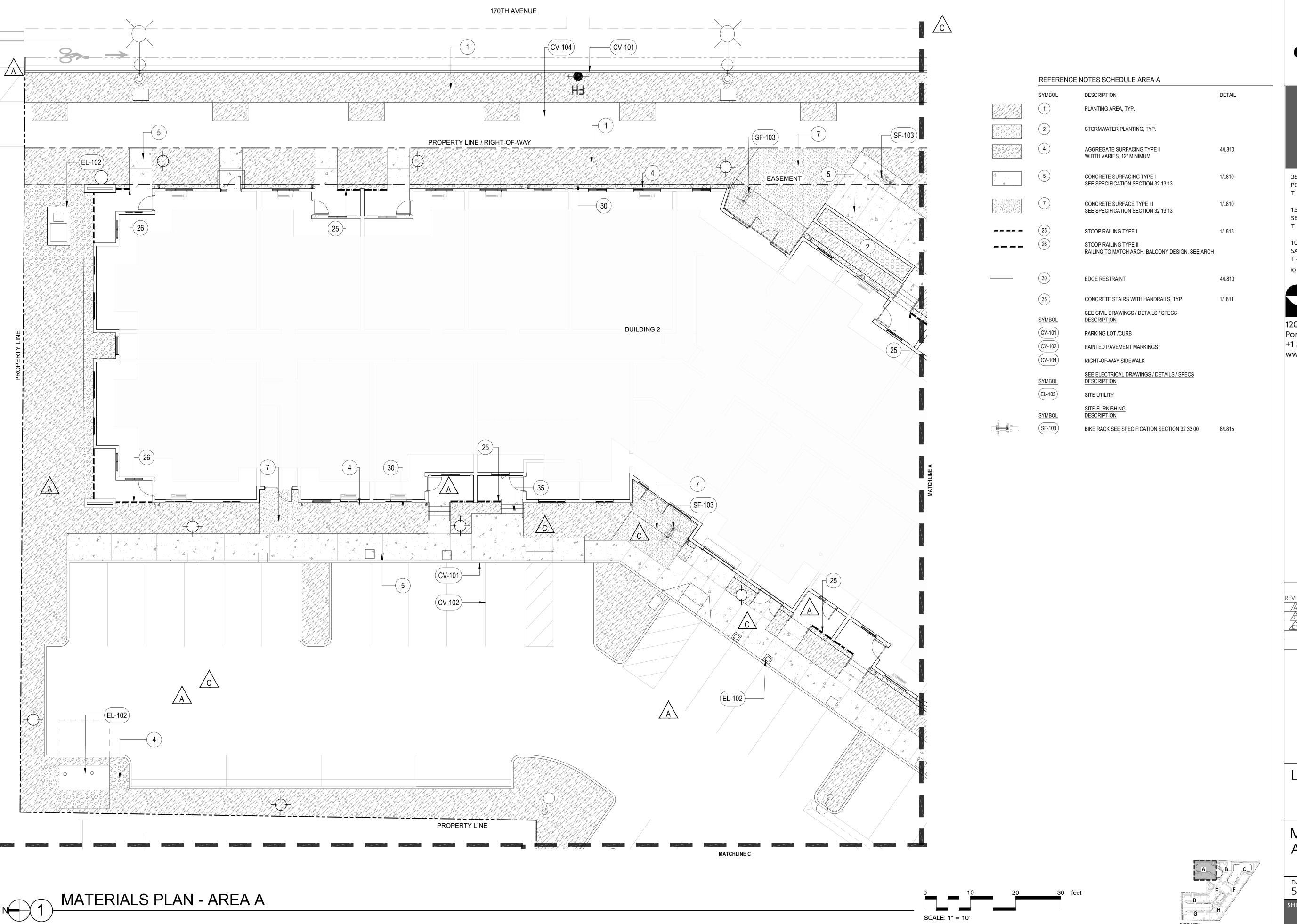
TREE PLAN

5.26.2023

PROJECT NUMBER 215390

SHEET NUMBER

L100 🛕





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

T 503.245.7100

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.



SHAPIRO

1204 SE Water Ave Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

> ELMONICA SW 170TH AND W BASELINE

REVISION DATE REASON FOR ISSUE

02/17/2023 LAND USE COMMENTS

04/28/2023 LAND USE REVISION 2

05/26/2023 LAND USE REVISION 3



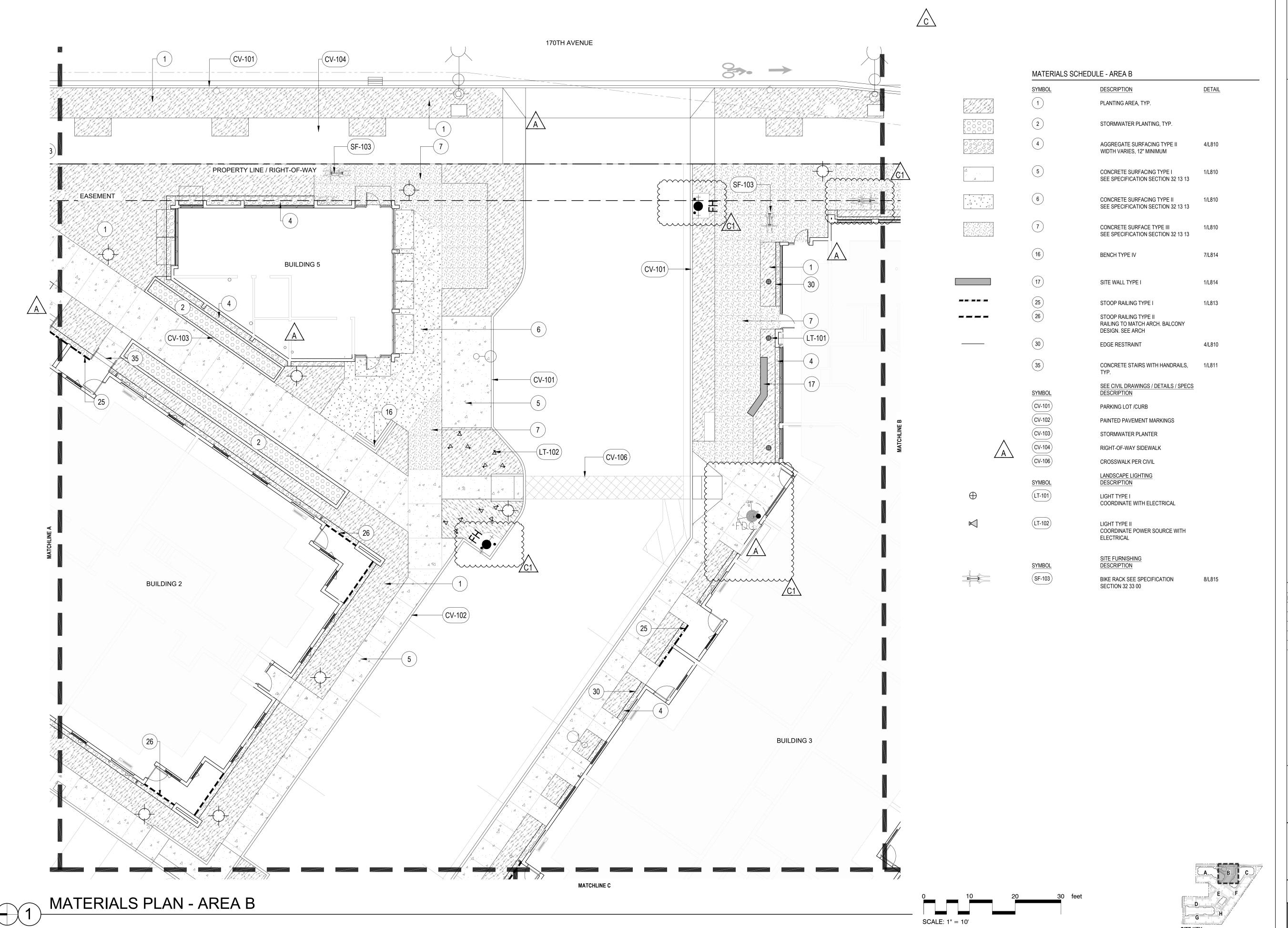
LAND USE SET

MATERIALS PLAN -AREA A

DATE **5.26.2023**

PROJECT NUMBER 215390

ET NUMBER





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

T 503.245.7100

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET

SAN FRANCISCO, CA 94103 T 415 252 7063

T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.



SHAPIRO

Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

SW 170TH AND W BASELINE

DATE REASON FOR ISSUE

O2/17/2023 LAND USE COMMENTS

04/28/2023 LAND USE REVISION 2

C 05/26/2023 LAND USE REVISION 3

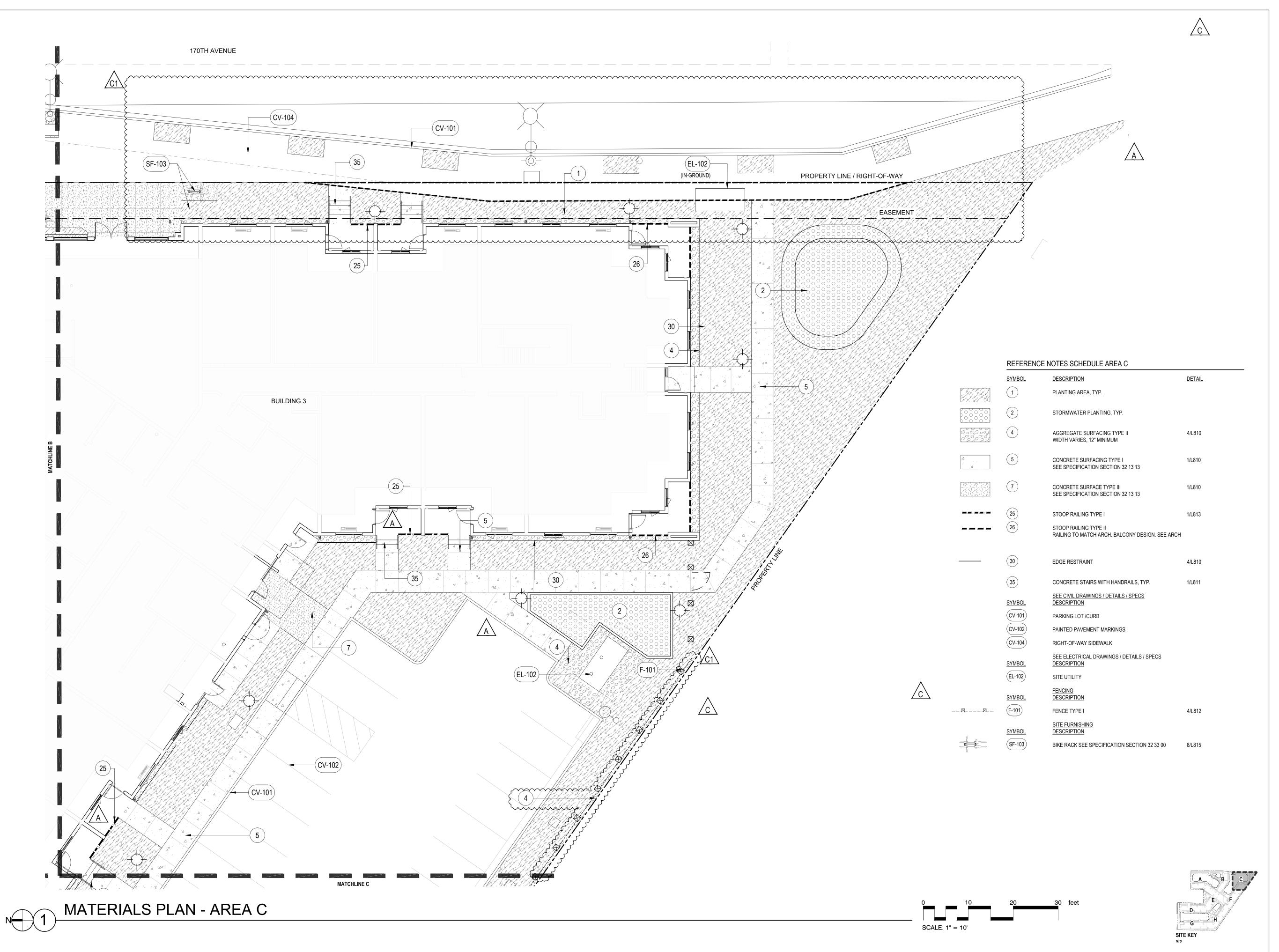


LAND USE SET

MATERIALS PLAN -AREA B

DATE 5.26.2023

PROJECT NUMBER 215390





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

T 503.245.7100

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101

T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.



SHAPIR

1204 SE Water Ave Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

SW 170TH AND W BASELINE

REVISION DATE REASON FOR ISSUE

A 02/17/2023 LAND USE COMMENTS

04/28/2023 LAND USE REVISION 2

05/26/2023 LAND USE REVISION 3



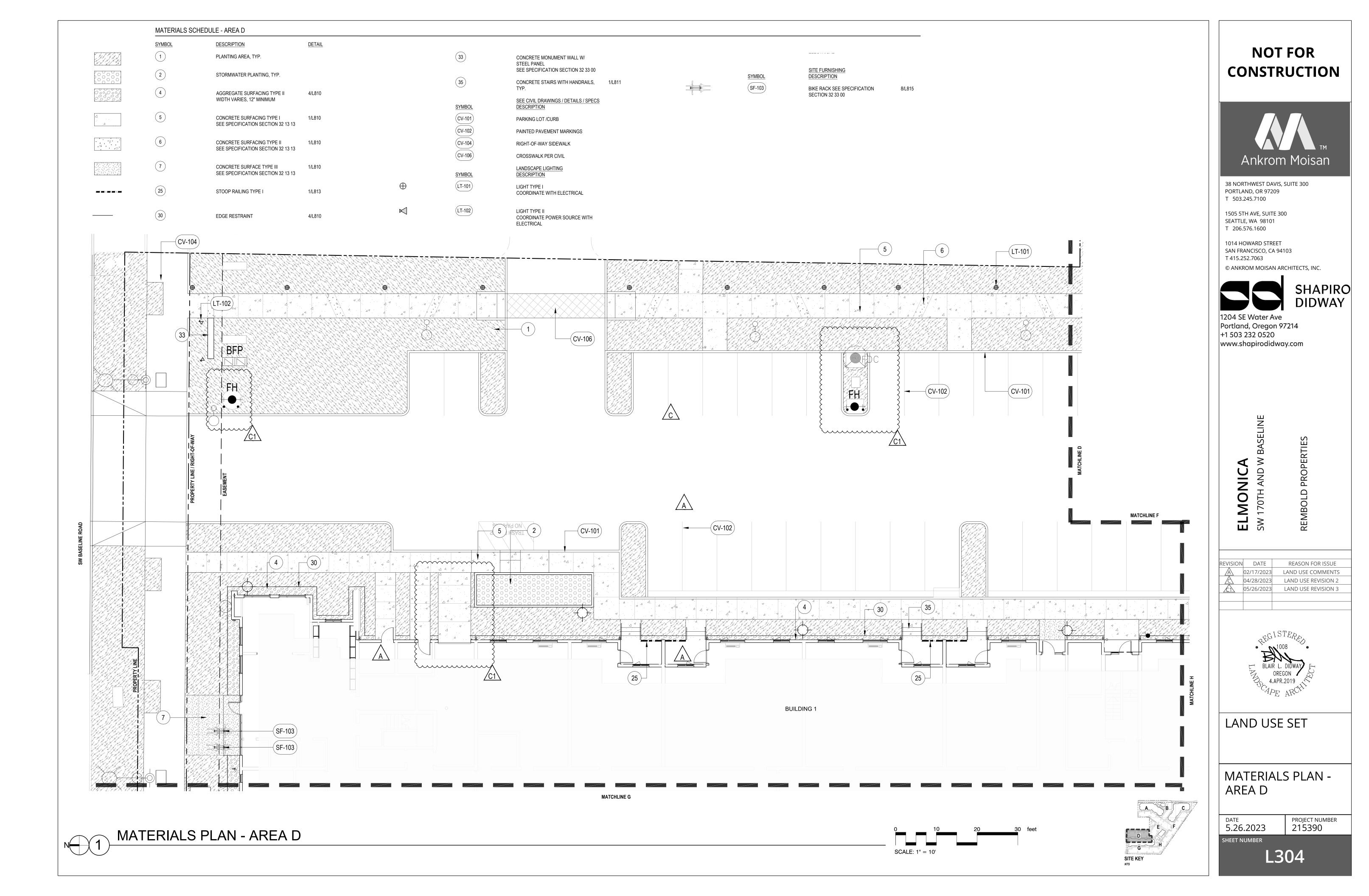
LAND USE SET

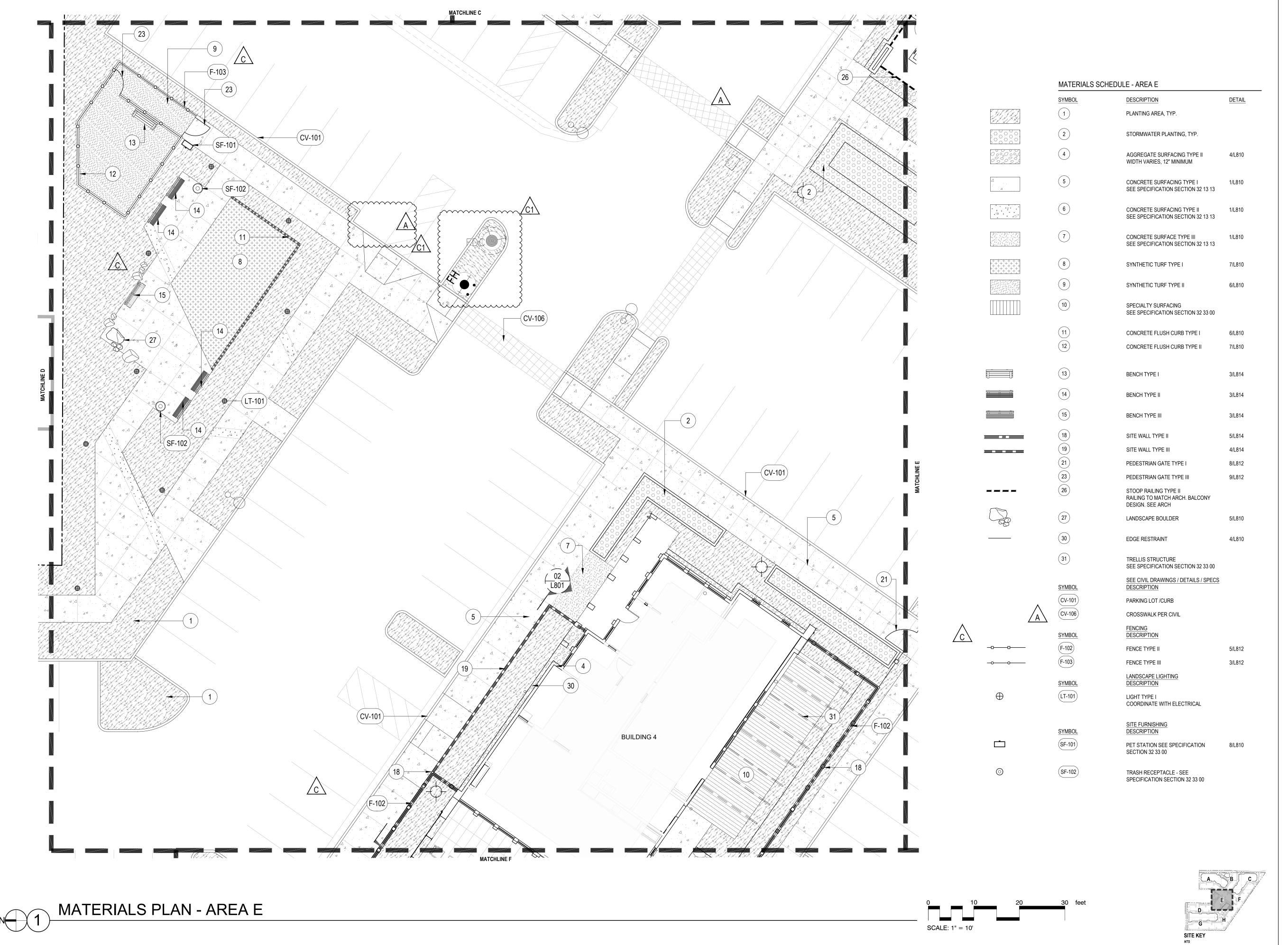
MATERIALS PLAN -AREA C

DATE **5.26.2023**

PROJECT NUMBER 215390

SHEET NUMBER







38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

T 503.245.7100 1505 5TH AVE, SUITE 300

SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103 T 415.252.7063





SHAPIRO DIDWAY

Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

SW 170TH AND W BASELINI

REVISION DATE REASON FOR ISSUE

A 02/17/2023 LAND USE COMMENTS

04/28/2023 LAND USE REVISION 2

05/26/2023 LAND USE REVISION 3

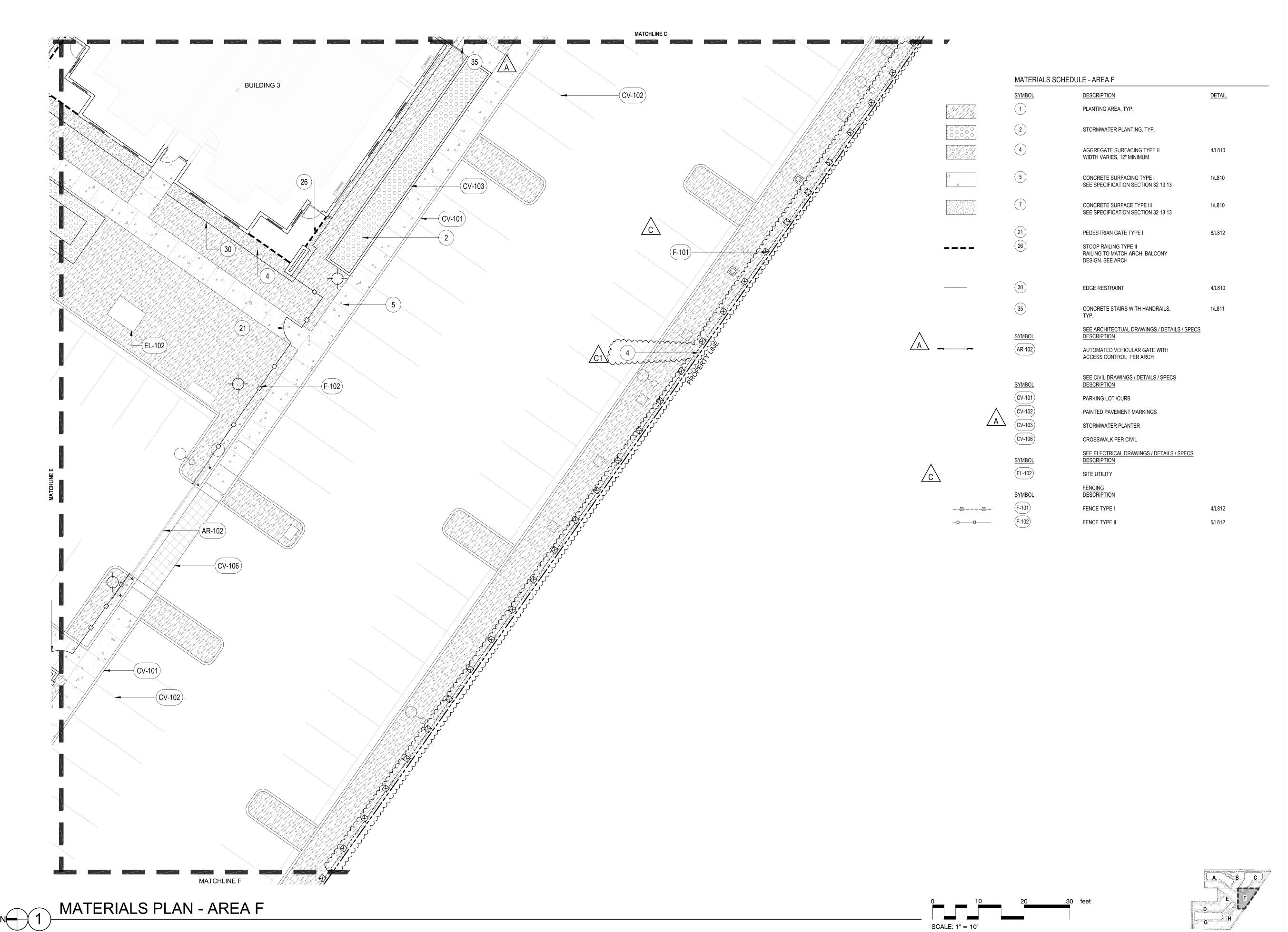


LAND USE SET

MATERIALS PLAN -AREA E

5.26.2023

PROJECT NUMBER 215390





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

T 503.245.7100

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063

© ANKROM MOISAN ARCHITECTS, INC.



SHAPIRO DIDWAY

Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

ELMONICASW 170TH AND W BASELINE

REVISION DATE REASON FOR ISSUE

O2/17/2023 LAND USE COMMENTS

O4/28/2023 LAND USE REVISION 2

O5/26/2023 LAND USE REVISION 3

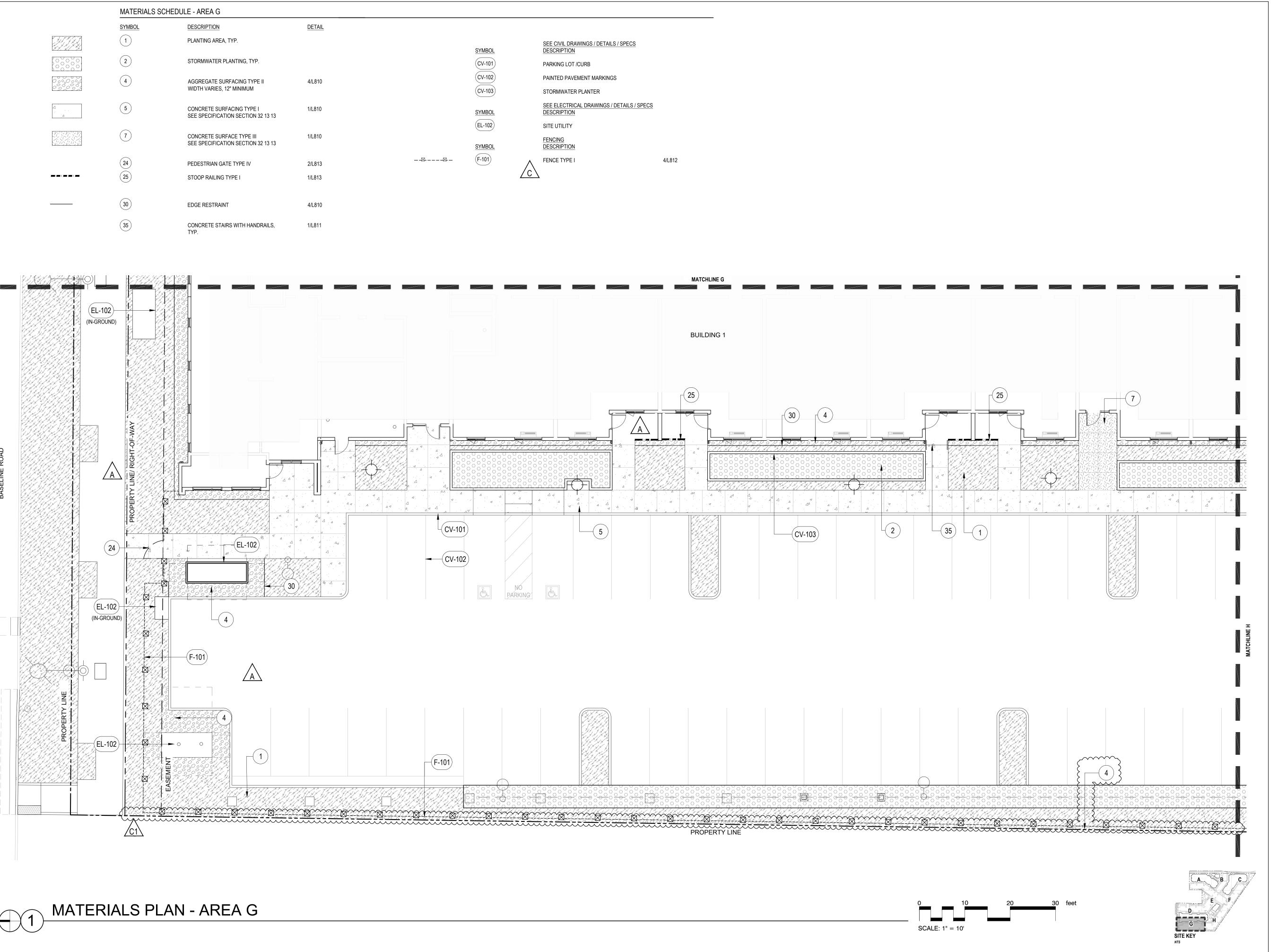


LAND USE SET

MATERIALS PLAN -AREA F

DATE 5.26.2023

PROJECT NUMBER 215390





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

T 503.245.7100

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101

T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.



SHAPIRO

1204 SE Water Ave Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

ELMONICA SW 170TH AND V

LAND USE COMMENTS LAND USE REVISION 2 04/28/2023 LAND USE REVISION 3 05/26/2023

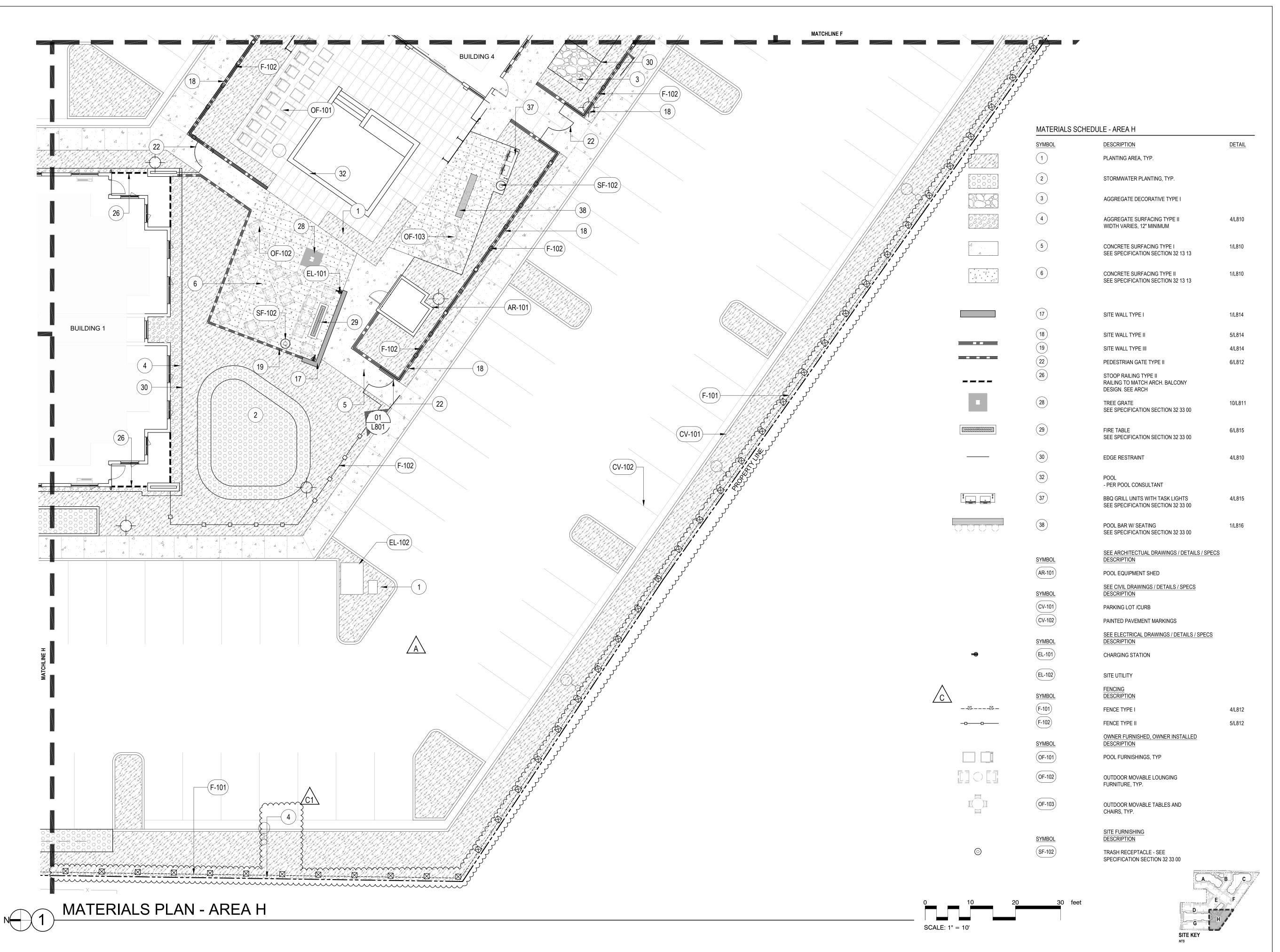


LAND USE SET

MATERIALS PLAN -AREA G

5.26.2023

PROJECT NUMBER 215390





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300

T 503.245.7100

SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103 T 415.252.7063

© ANKROM MOISAN ARCHITECTS, INC.



SHAPIRO DIDWAY

Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

> ELMONICA SW 170TH AND W BASELIN

REVISION DATE REASON FOR ISSUE

02/17/2023 LAND USE COMMENTS

04/28/2023 LAND USE REVISION 2

05/26/2023 LAND USE REVISION 3



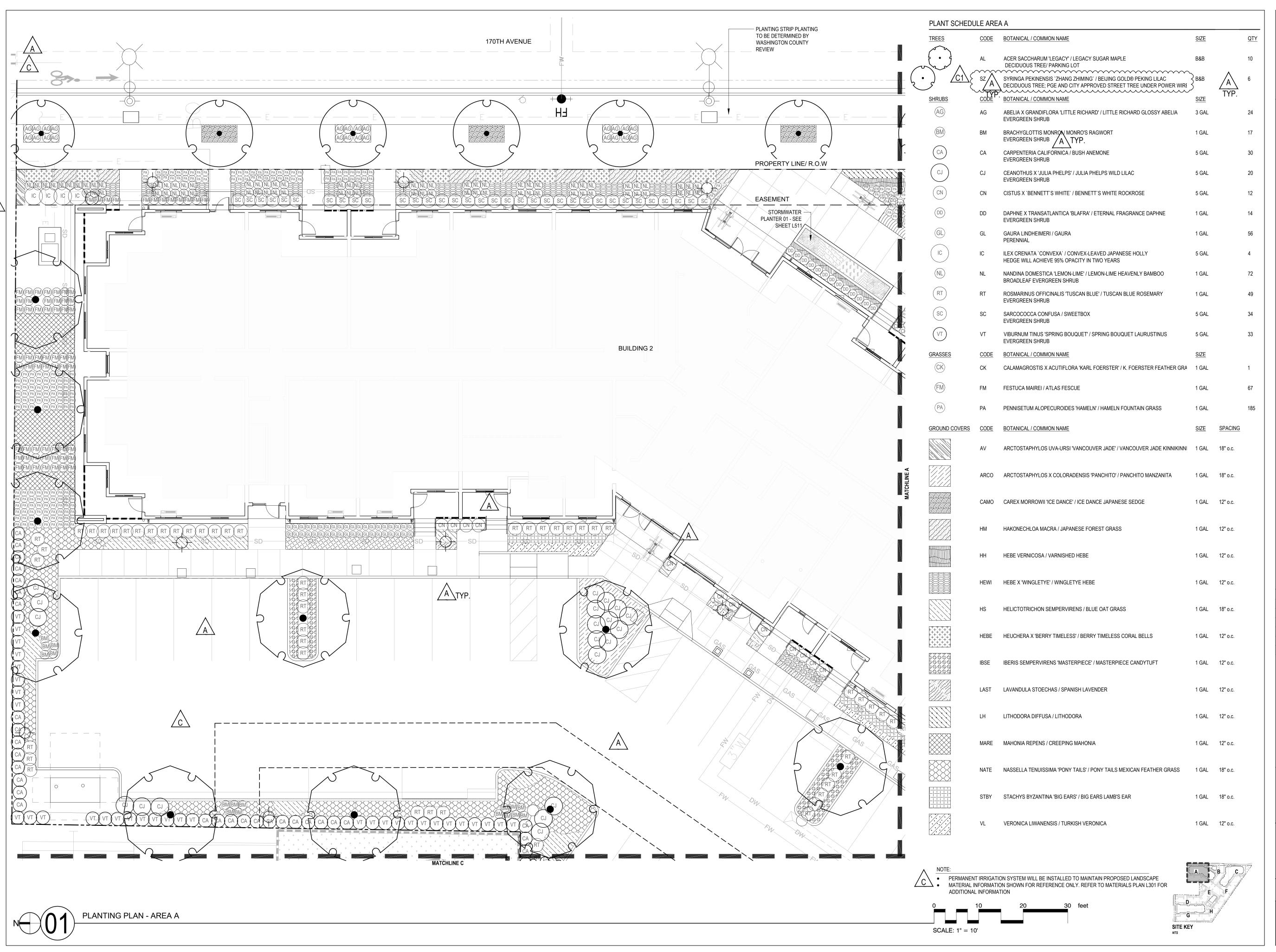
LAND USE SET

MATERIALS PLAN -AREA H

5.26.2023

PROJECT NUMBER 215390

EET NUMBER





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

T 503.245.7100

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063
© ANKROM MOISAN ARCHITECTS, INC.



DIDWAY

Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

SW 170TH AND W BASELINE

0

EVISION DATE REASON FOR ISSUE

02/17/2023 LAND USE COMMENTS

04/28/2023 LAND USE REVISION 2

05/26/2023 LAND USE REVISION 3



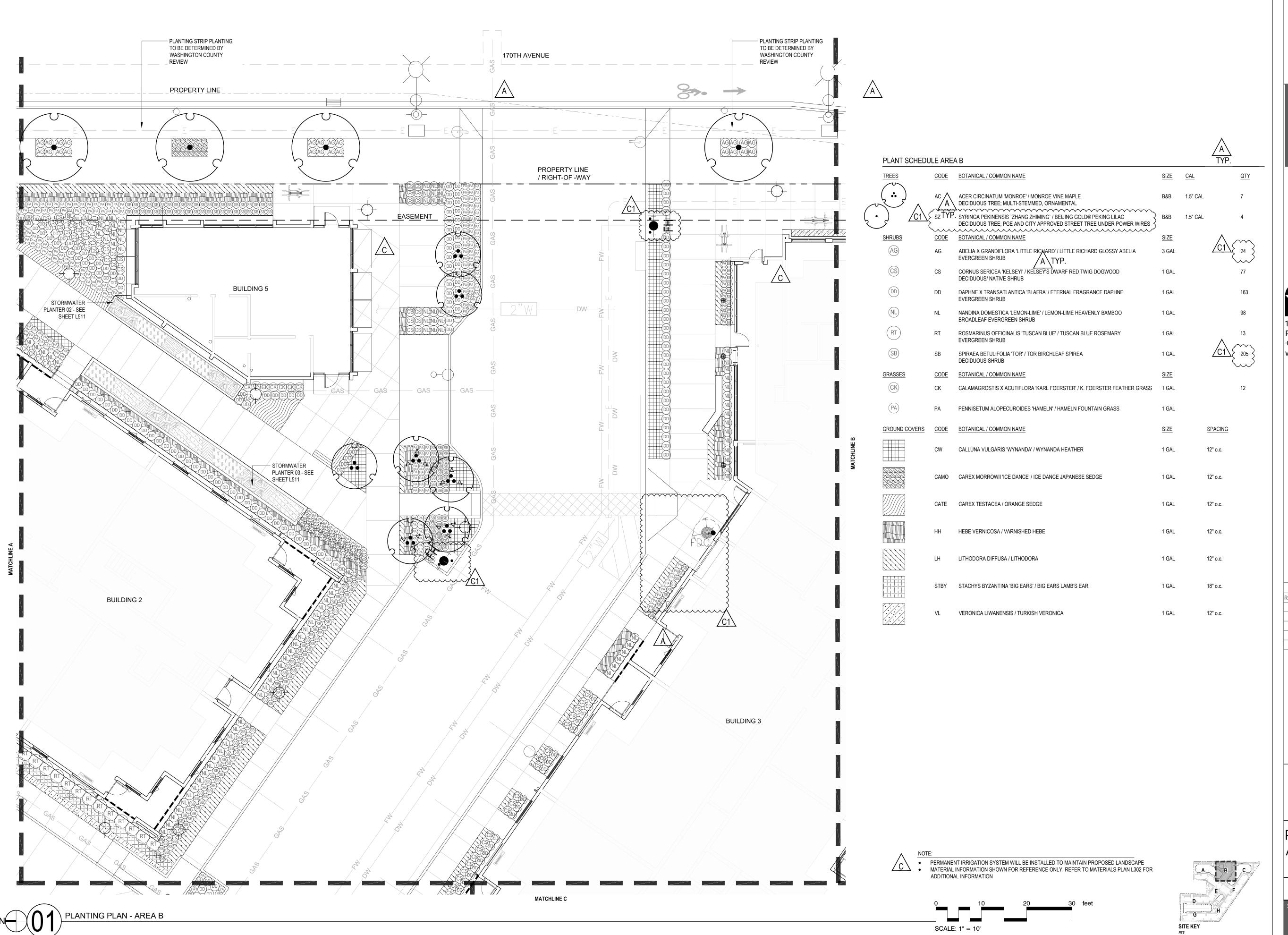
LAND USE SET

PLANTING PLAN -AREA A

DATE 5.26.2023

PROJECT NUMBER 215390

SHEET NUMBER





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300

T 503.245.7100

SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.



SHAPIR(DIDWAY

Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

SW 170TH AND W BASELINE

REVISION	DATE	REASON FOR ISSUE
A	02/17/2023	LAND USE COMMENTS
A	04/28/2023	LAND USE REVISION 2
<u>£</u> 1	05/26/2023	LAND USE REVISION 3

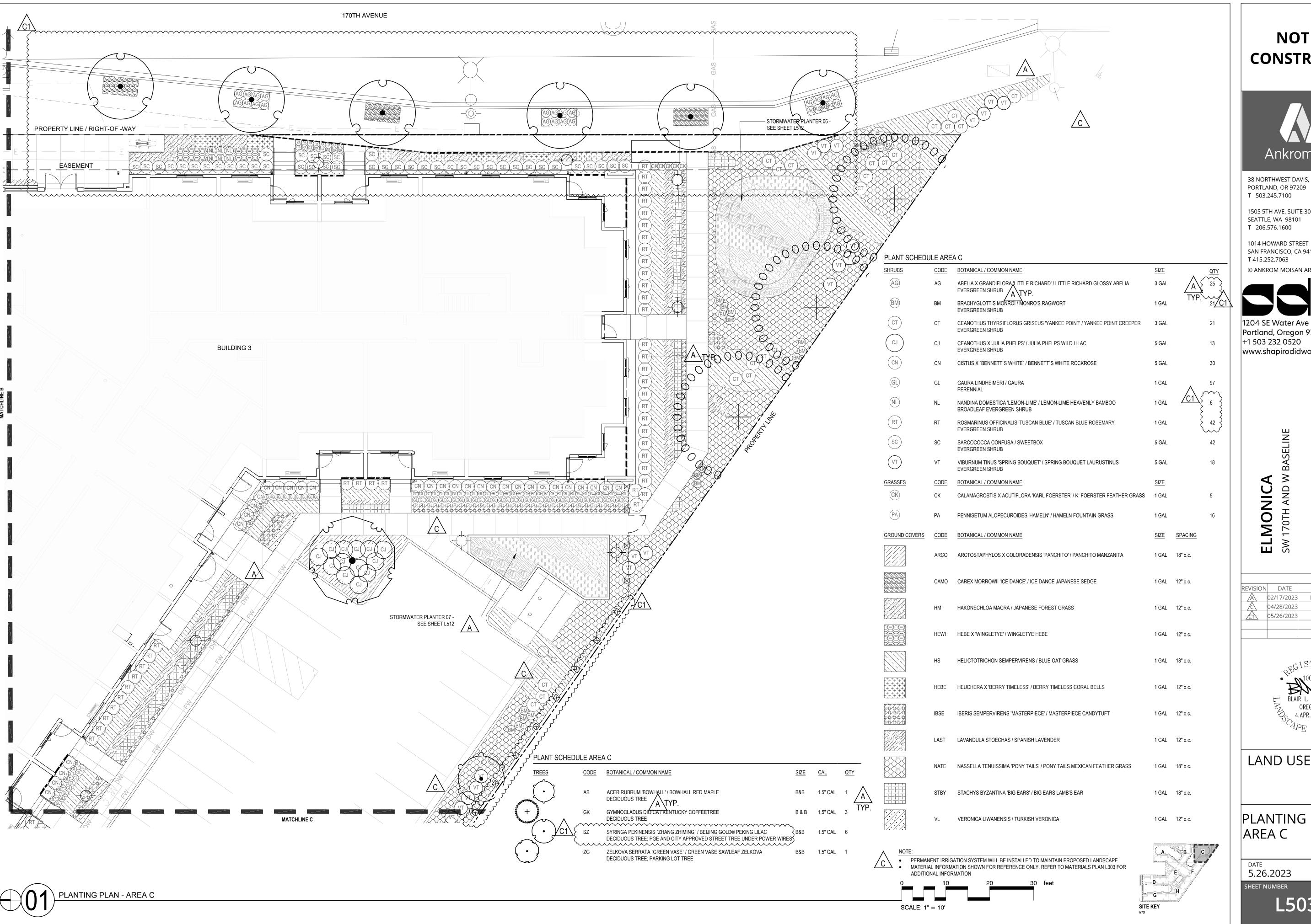


LAND USE SET

PLANTING PLAN -AREA B

5.26.2023

PROJECT NUMBER 215390





38 NORTHWEST DAVIS, SUITE 300

1505 5TH AVE, SUITE 300

1014 HOWARD STREET SAN FRANCISCO, CA 94103

© ANKROM MOISAN ARCHITECTS, INC.



Portland, Oregon 97214 www.shapirodidway.com

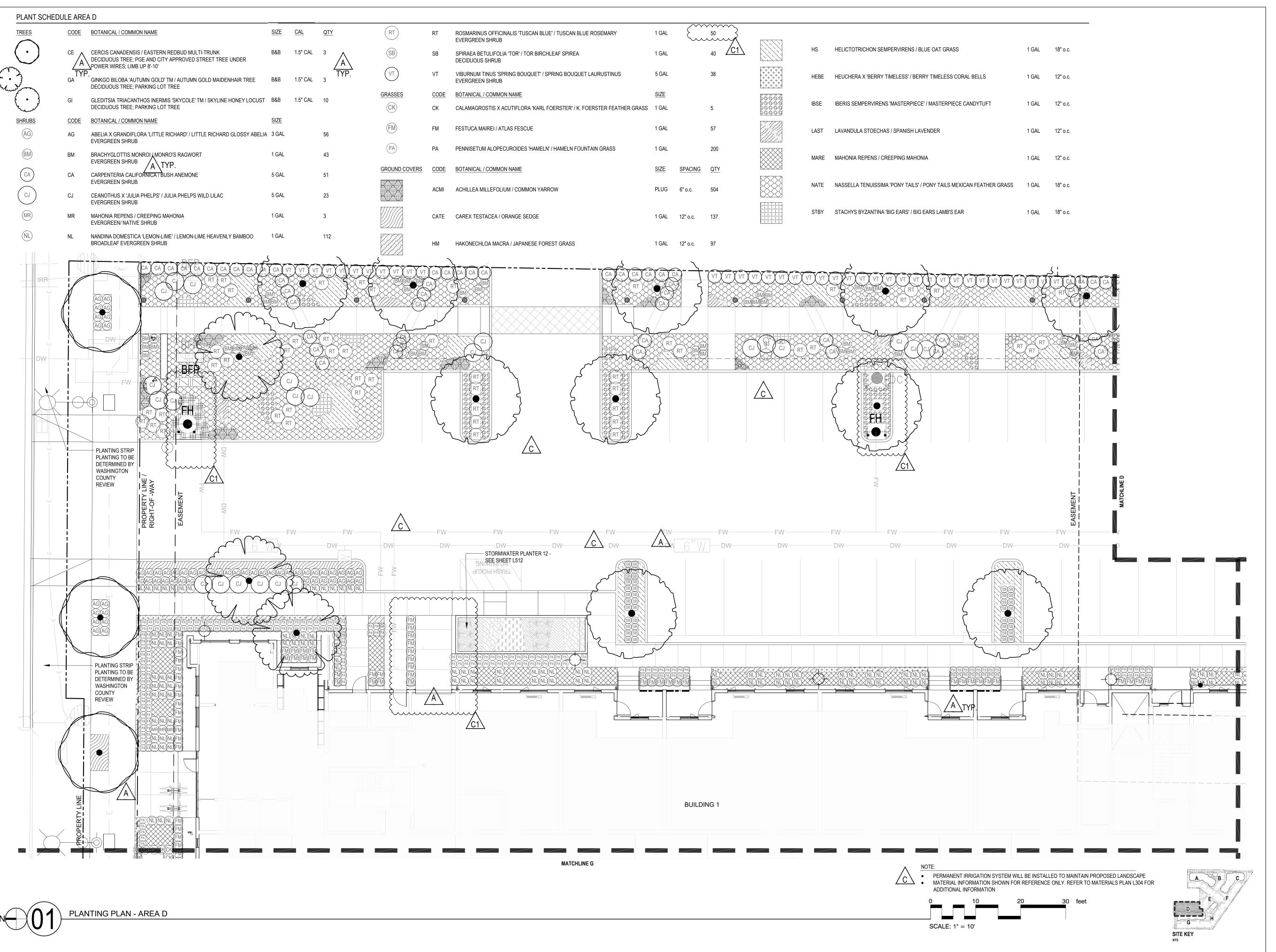
EVISION	DATE	REASON FOR ISSUE
A	02/17/2023	LAND USE COMMENTS
A	04/28/2023	LAND USE REVISION 2
<u></u>	05/26/2023	LAND USE REVISION 3



LAND USE SET

PLANTING PLAN -

PROJECT NUMBER 215390





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

T 503.245.7100

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.



SHAPI

Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

> **NICA** H AND W BASELINE

REASON FOR ISSUE

O2/17/2023 LAND USE COMMENTS

04/28/2023 LAND USE REVISION 2

05/26/2023 LAND USE REVISION 3

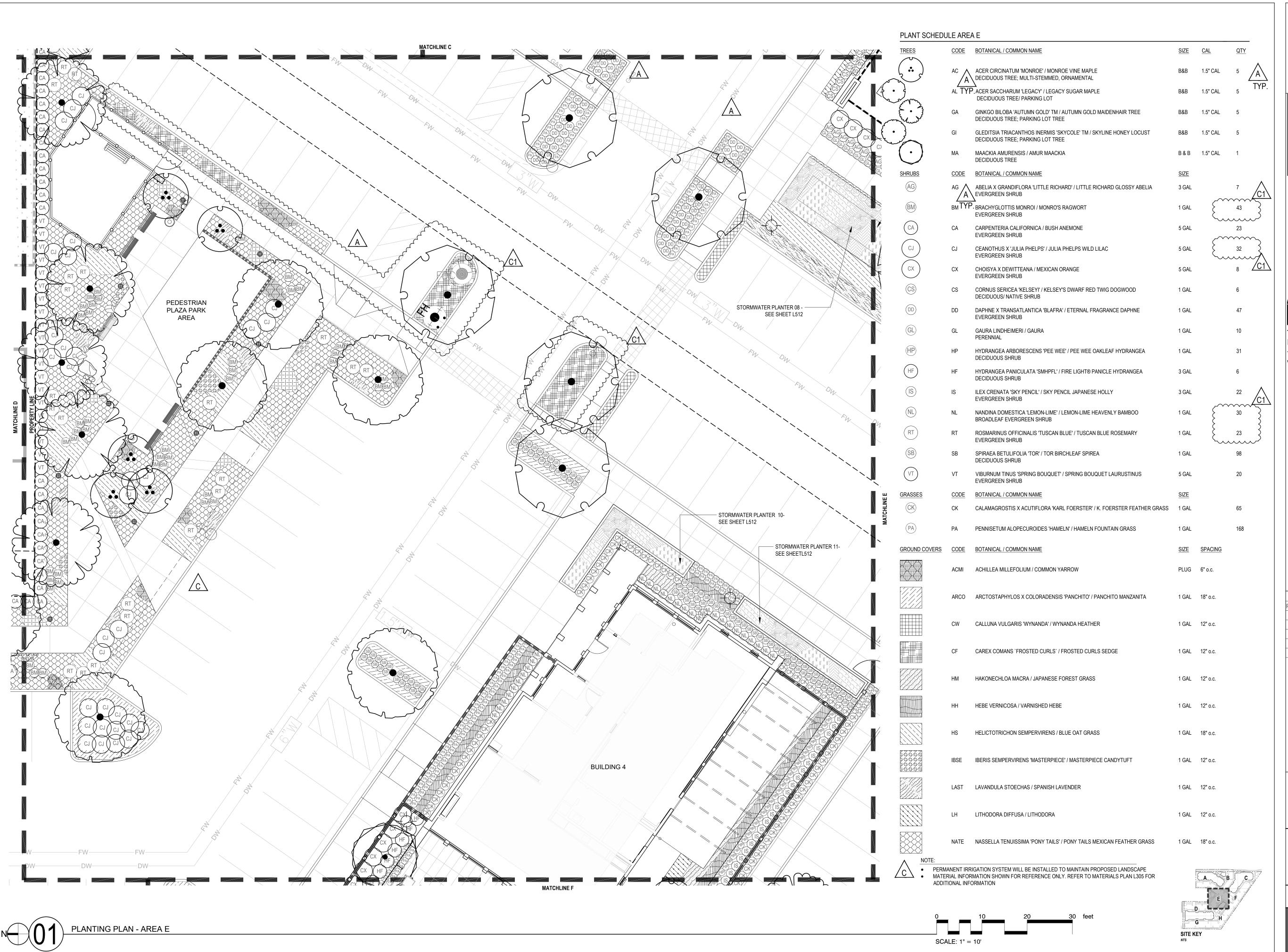


LAND USE SET

PLANTING PLAN -AREA D

5.26.2023

PROJECT NUMBER 215390





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101

Т 503.245.7100

T 206.576.1600 1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063
© ANKROM MOISAN ARCHITECTS, INC.



SHAPIRO DIDWAY

Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

SW 170TH AND W BASELINE

REVISION	DATE	REASON FOR ISSUE
A	02/17/2023	LAND USE COMMENTS
A	04/28/2023	LAND USE REVISION 2
<u>£</u> 1	05/26/2023	LAND USE REVISION 3

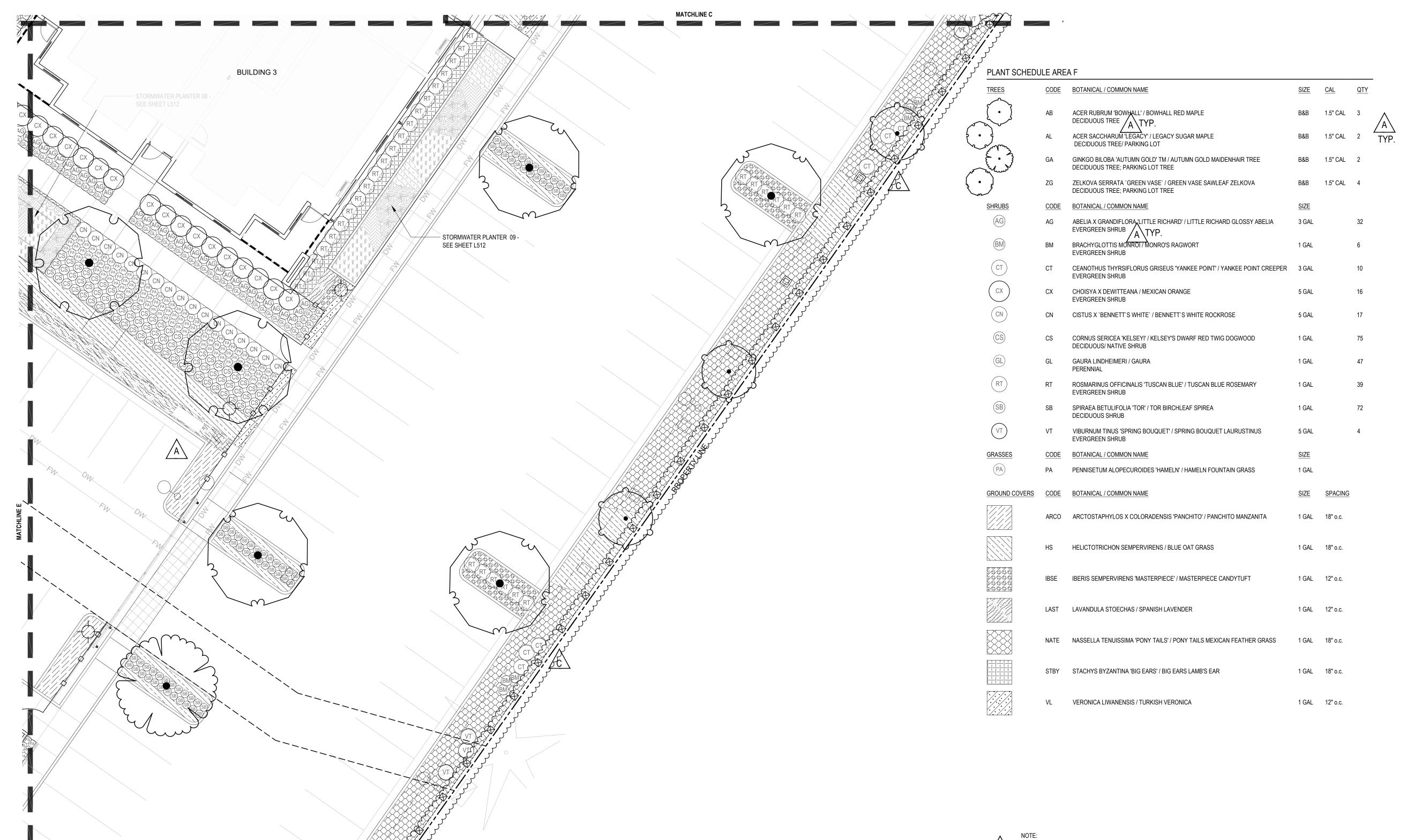


LAND USE SET

PLANTING PLAN -AREA E

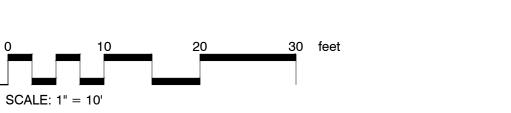
5.26.2023

PROJECT NUMBER 215390





PERMANENT IRRIGATION SYSTEM WILL BE INSTALLED TO MAINTAIN PROPOSED LANDSCAPE MATERIAL INFORMATION SHOWN FOR REFERENCE ONLY. REFER TO MATERIALS PLAN L306 FOR ADDITIONAL INFORMATION





NOT FOR CONSTRUCTION



38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

T 503.245.7100

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.



Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

REASON FOR ISSUE LAND USE COMMENTS LAND USE REVISION 2 LAND USE REVISION 3 05/26/2023



LAND USE SET

PLANTING PLAN -AREA F

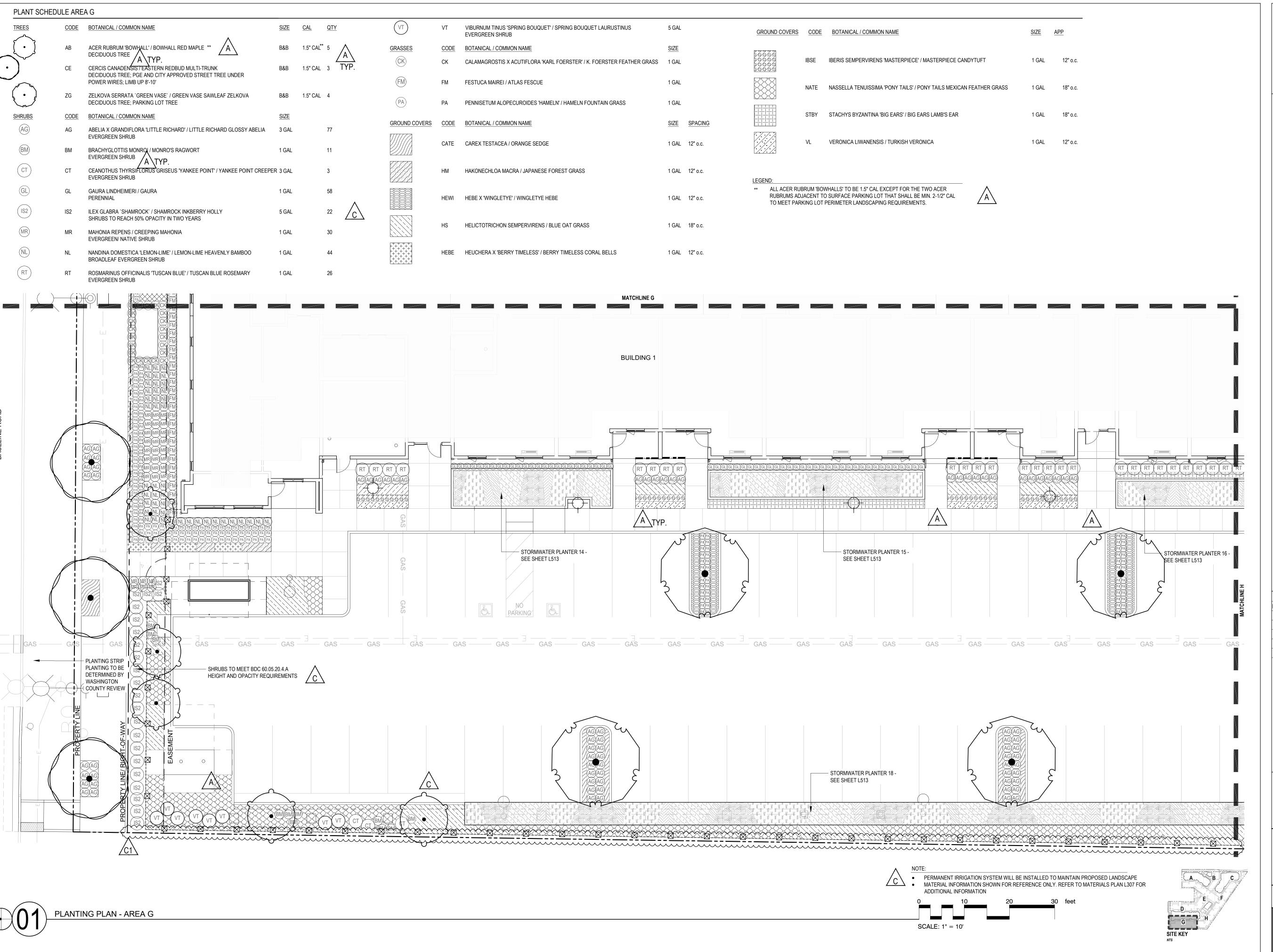
5.26.2023

PROJECT NUMBER 215390



PLANTING PLAN - AREA F

MATCHLINE F





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

T 503.245.7100

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.



SHAPIR

Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

> **ELMONICA** SW 170TH AND W BASELINE

EVISION DATE REASON FOR ISSUE

A 02/17/2023 LAND USE COMMENTS

04/28/2023 LAND USE REVISION 2

C 05/26/2023 LAND USE REVISION 3



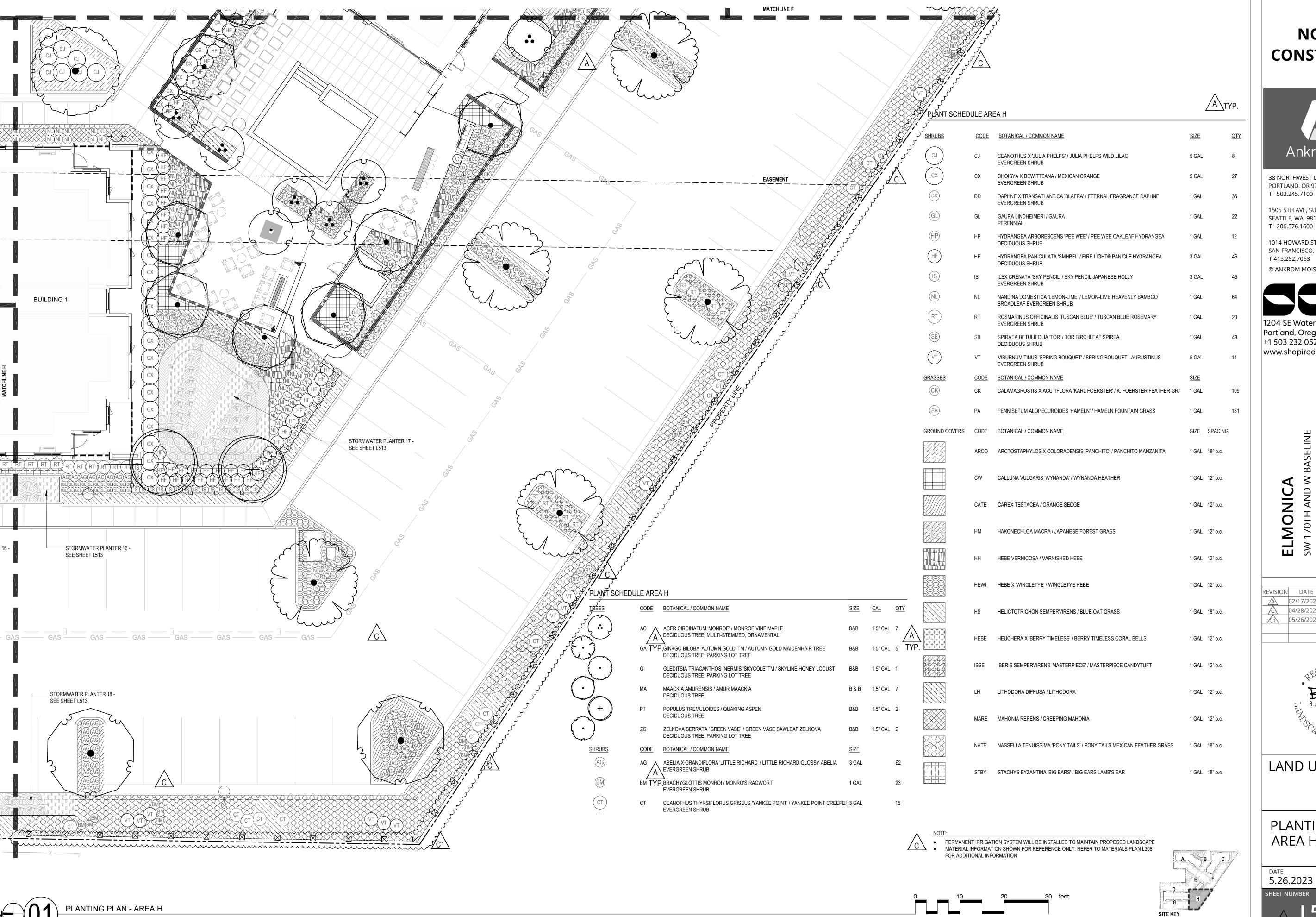
LAND USE SET

PLANTING PLAN -AREA G

5.26.2023

PROJECT NUMBER 215390

 \wedge 1507





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.



Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

EL

REASON FOR ISSUE REVISION DATE LAND USE COMMENTS 04/28/2023 LAND USE REVISION 2 <u>〈</u> ○5/26/2023 LAND USE REVISION 3



LAND USE SET

PLANTING PLAN -AREA H

5.26.2023

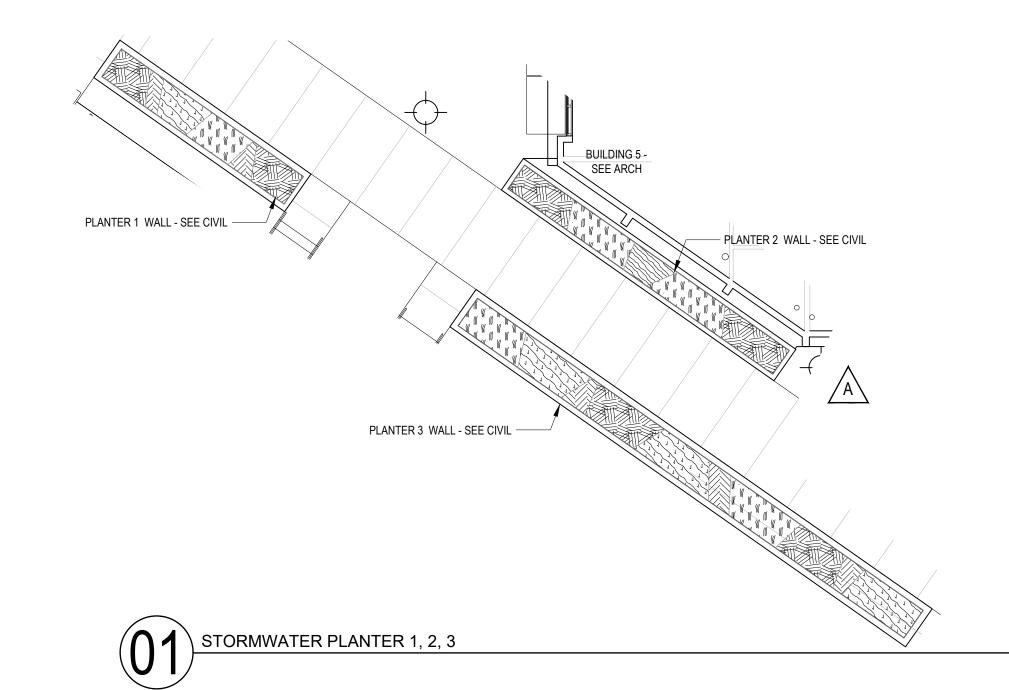
SCALE: 1" = 10'

PROJECT NUMBER 215390





SIZE SPACING QTY

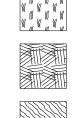


STORMWATER	PLANTE	R 1 PLANT SCHEDULE (81 SF)			
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	SIZE	SPACING	QTY
	CAST	CAREX STIPATA / AWL-FRUITED SEDGE	1 GAL	12" o.c.	22
	JUBA	JUNCUS BALTICUS / BALTIC RUSH	1 GAL	10" o.c.	20
	JUEN	JUNCUS ENSIFOLIUS / SWORDLEAF RUSH	4" POT	12" o.c.	40

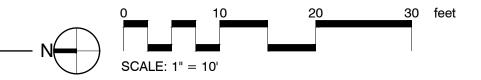
JUPA JUNCUS PATENS 'CARMAN'S GREY' / SPREADING RUSH 1 GAL 12" o.c. 20

STORMWATER	PLANTE	ER 3 PLANT SCHEDULE (198 SF)			
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	SIZE	SPACING	QTY
	CAST	CAREX STIPATA / AWL-FRUITED SEDGE	1 GAL	12" o.c.	58
	JUBA	JUNCUS BALTICUS / BALTIC RUSH	1 GAL	10" o.c.	39
	JUEN	JUNCUS ENSIFOLIUS / SWORDLEAF RUSH	4" POT	12" o.c.	57
	JUPA	JUNCUS PATENS 'CARMAN'S GREY' / SPREADING RUSH	1 GAL	12" o.c.	91

STORMWATER	PLANTE	ER 2 PLANT SCHEDULE (101 SF)	
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	
W W W W M			



CAST	CAREX STIPATA / AWL-FRUITED SEDGE	1 GAL	12" o.c.	54
JUEN	JUNCUS ENSIFOLIUS / SWORDLEAF RUSH	4" POT	12" o.c.	50
SYSU	SYMPHYOTRICHUM SUBSPICATUM / DOUGLAS' ASTER	4" POT	12" o.c.	15





KEY NOTE:

PLANT QUANTITIES PROVIDED MEET CWS REQUIREMENTS FOR STRUCTURAL FLOW-THROUGH PLANTER

QUANTITIES PER 100 SQUARE FEET:

115 HERBACEOUS PLANTS, 1' ON CENTER SPACING, 6" OR ½-GAL CONTAINER SIZE; OR
 100 HERBACEOUS PLANTS, 1' ON CENTER, AND 4 SHRUBS, 1-GAL CONTAINER SIZE 2' ON CENTER.

NOT FOR CONSTRUCTION



38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209 T 503.245.7100

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103 T 415.252.7063



© ANKROM MOISAN ARCHITECTS, INC.

1204 SE Water Ave Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

> **ELMONICA** SW 170TH AND W BASELINE

REVISION	DATE	REASON FOR ISSUE
A	02/17/2023	LAND USE COMMENTS
A	04/28/2023	LAND USE REVISION 2
<u>£</u> 1	05/26/2023	LAND USE REVISION 3

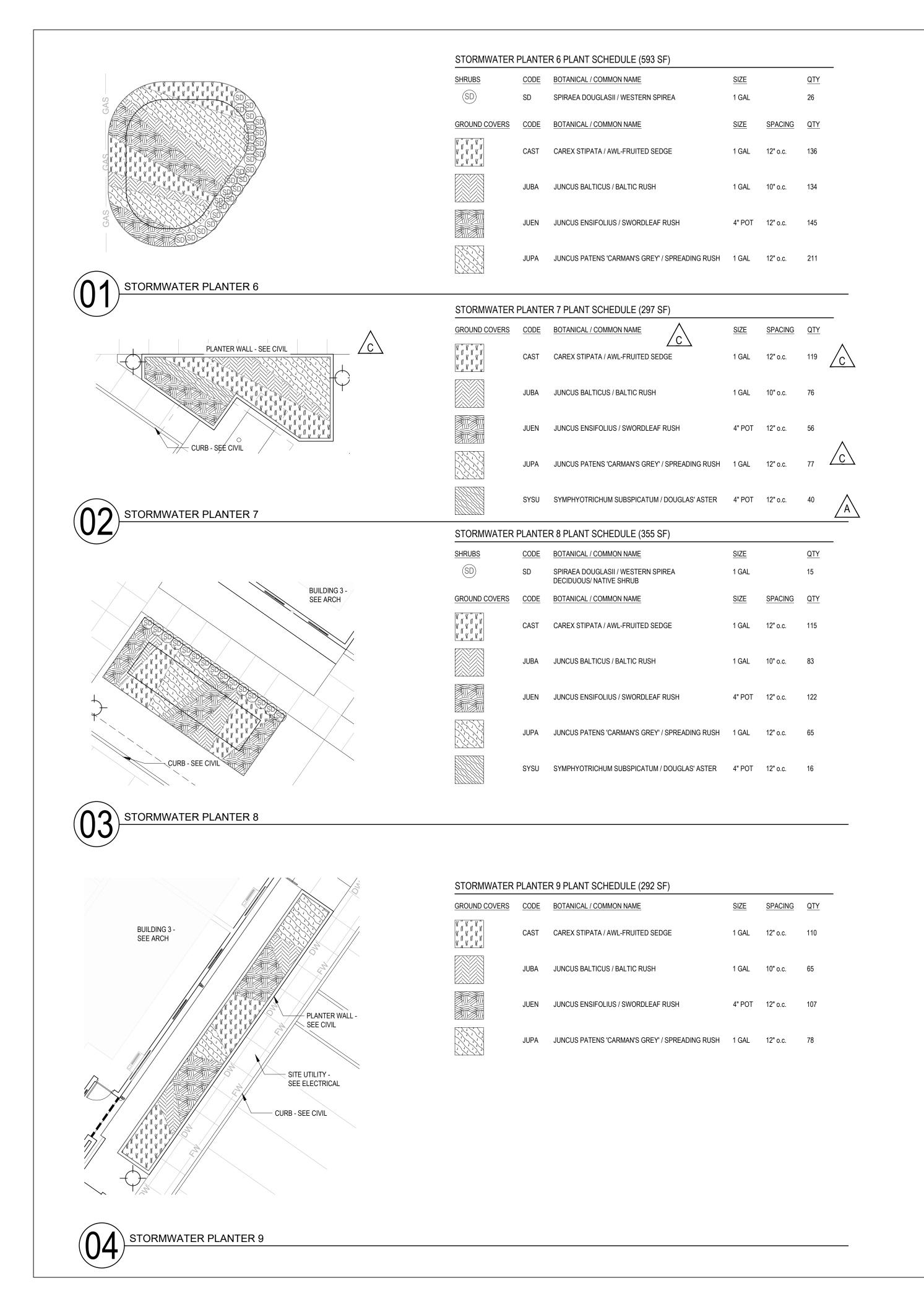


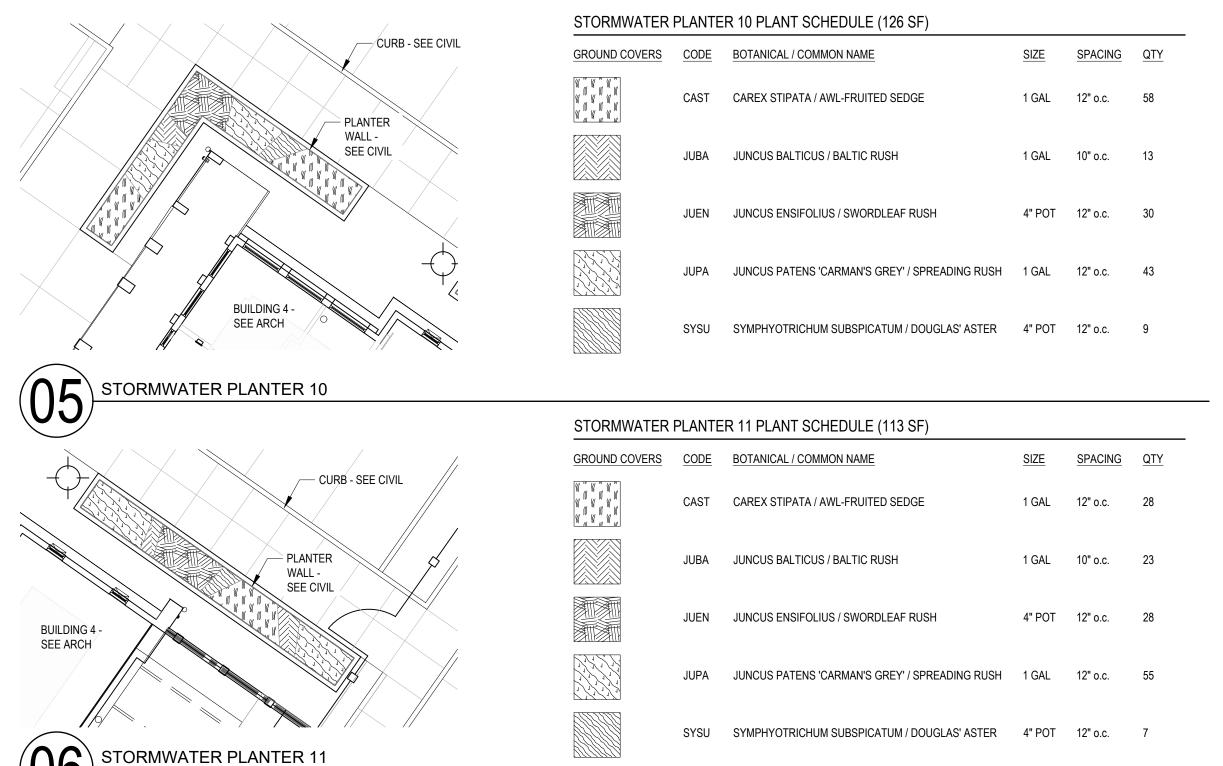
LAND USE SET

CWS STORMWATER PLANTING PLAN

DATE 5.26.2023

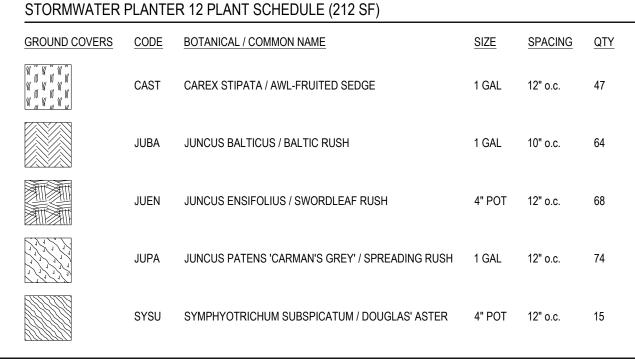
PROJECT NUMBER 215390







		STORWINATER		.11 12
	OURD OFF ON #1	GROUND COVERS	CODE	BO1
	CURB - SEE CIVIL PLANTER WALL - SEE CIVIL		CAST	CAF
			JUBA	JUN
			JUEN	JUN
			JUPA	JUN
		CITTITIS		







38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209 T 503.245.7100

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103 T 415.252.7063



1204 SE Water Ave Portland, Oregon 97214 +1 503 232 0520

© ANKROM MOISAN ARCHITECTS, INC.

www.shapirodidway.com

REVISION	DATE	REASON FOR ISSUE
A	02/17/2023	LAND USE COMMENTS
A	04/28/2023	LAND USE REVISION 2
<u>£</u> 1	05/26/2023	LAND USE REVISION 3



LAND USE SET

CWS STORMWATER PLANTING PLAN

L512

5.26.2023

SHEET NUMBER

PROJECT NUMBER 215390

KEY NOTE:

PLANT QUANTITIES PROVIDED MEET CWS REQUIREMENTS FOR STRUCTURAL FLOW-THROUGH PLANTER AND NON-STRUCTURAL INFLTRATION PLANTER/RAIN GARDEN

QUANTITIES PER 100 SQUARE FEET:

STORMWATER PLANTER 12

• 115 HERBACEOUS PLANTS, 1' ON CENTER SPACING, 6" OR 1/2-GAL CONTAINER SIZE; OR 100 HERBACEOUS PLANTS, 1' ON CENTER, AND 4 SHRUBS, 1-GAL CONTAINER SIZE 2' ON CENTER.



BUILDING 1 - SEE ARCH - CURB - SEE CIVIL

STORMWATER PLANTER 14 PLANT SCHEDULE (261 SF)						
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	SIZE	SPACING	QTY	
	CAST	CAREX STIPATA / AWL-FRUITED SEDGE	1 GAL	12" o.c.	87	
	JUBA	JUNCUS BALTICUS / BALTIC RUSH	1 GAL	10" o.c.	47	
	JUEN	JUNCUS ENSIFOLIUS / SWORDLEAF RUSH	4" POT	12" o.c.	64	
	JUPA	JUNCUS PATENS 'CARMAN'S GREY' / SPREADING RUSH	1 GAL	12" o.c.	95	
	SYSU	SYMPHYOTRICHUM SUBSPICATUM / DOUGLAS' ASTER	4" POT	12" o.c.	26	

STORMWATER PLANTER 16 PLANT SCHEDULE (198 SF)

CAST CAREX STIPATA / AWL-FRUITED SEDGE

JUBA JUNCUS BALTICUS / BALTIC RUSH

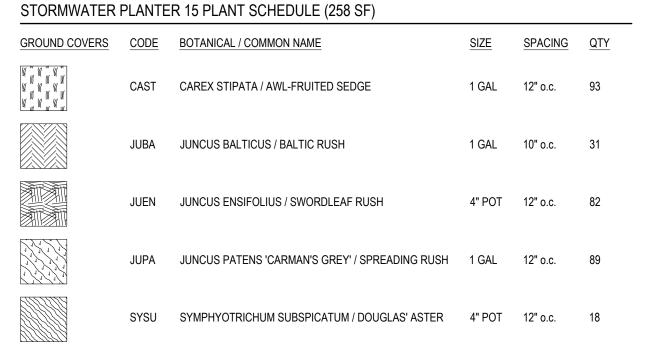
JUEN JUNCUS ENSIFOLIUS / SWORDLEAF RUSH

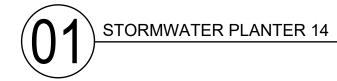
JUPA JUNCUS PATENS 'CARMAN'S GREY' / SPREADING RUSH 1 GAL 12" o.c. 35

SYSU SYMPHYOTRICHUM SUBSPICATUM / DOUGLAS' ASTER 4" POT 12" o.c. 18

GROUND COVERS CODE BOTANICAL / COMMON NAME

PLA	NTER WALL - SEE CIV	/IL			1
			()		
			I		
			\		
		- CURB - SEE CIVIL	_ SITE	UTILITY - SEE E	LECTRICAL





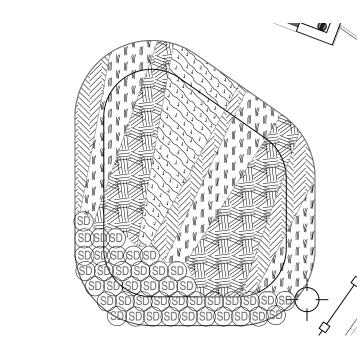
BUILDING 1 - SEE ARCH

PLANTER WALL - SEE CIVIL

- CURB - SEE CIVIL

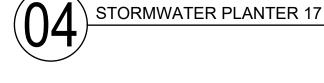


STORMWATER PLANTER 15



	(02101)		STORMWATER PLANTER 17 PLANT SCHEDULE (624 SF)					
CODE	BOTANICAL / COMMON NAME		SIZE					
SD	SPIRAEA DOUGLASII / WESTERN SPIREA DECIDUOUS/ NATIVE SHRUB	1 GAL		42				
CODE	BOTANICAL / COMMON NAME	SIZE	SPACING	QTY				
CAST	CAREX STIPATA / AWL-FRUITED SEDGE	1 GAL	12" o.c.	179				
JUBA	JUNCUS BALTICUS / BALTIC RUSH	1 GAL	10" o.c.	162				
JUEN	JUNCUS ENSIFOLIUS / SWORDLEAF RUSH	4" POT	12" o.c.	184				
JUPA	JUNCUS PATENS 'CARMAN'S GREY' / SPREADING RUSH	1 GAL	12" o.c.	106				
	SD CODE CAST JUBA JUEN	SD SPIRAEA DOUGLASII / WESTERN SPIREA DECIDUOUS/ NATIVE SHRUB CODE BOTANICAL / COMMON NAME CAST CAREX STIPATA / AWL-FRUITED SEDGE JUBA JUNCUS BALTICUS / BALTIC RUSH JUEN JUNCUS ENSIFOLIUS / SWORDLEAF RUSH	SD SPIRAEA DOUGLASII / WESTERN SPIREA DECIDUOUS/ NATIVE SHRUB CODE BOTANICAL / COMMON NAME SIZE CAST CAREX STIPATA / AWL-FRUITED SEDGE 1 GAL JUBA JUNCUS BALTICUS / BALTIC RUSH 1 GAL JUEN JUNCUS ENSIFOLIUS / SWORDLEAF RUSH 4" POT	SD SPIRAEA DOUGLASII / WESTERN SPIREA DECIDUOUS/ NATIVE SHRUB CODE BOTANICAL / COMMON NAME SIZE SPACING CAST CAREX STIPATA / AWL-FRUITED SEDGE 1 GAL 12" o.c. JUBA JUNCUS BALTICUS / BALTIC RUSH 1 GAL 10" o.c. JUEN JUNCUS ENSIFOLIUS / SWORDLEAF RUSH 4" POT 12" o.c.				

(03) STORMWATER PLANTER 16



- <u></u> \ <u></u> \ <u></u> -\ <u></u>	⊠⊠	<u></u> [₫	<u>\</u> \\\\\\\	<u>\</u>	PROPERTY LINE	- <u>⊠</u> <u>⊠</u> <u>⊠</u> -	<u>\</u>

SIZE SPACING QTY

1 GAL 12" o.c. 86

1 GAL 10" o.c. 42

4" POT 12" o.c. 65

STORMWATER PLANTER 18 PLANT SCHEDULE (920 SF)						
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	SIZE	SPACING	<u>QTY</u>	
	CAST	CAREX STIPATA / AWL-FRUITED SEDGE	1 GAL	12" o.c.	322	
	JUBA	JUNCUS BALTICUS / BALTIC RUSH	1 GAL	10" o.c.	89	
	JUEN	JUNCUS ENSIFOLIUS / SWORDLEAF RUSH	4" POT	12" o.c.	339	
	JUPA	JUNCUS PATENS 'CARMAN'S GREY' / SPREADING RUSH	1 GAL	12" o.c.	301	
	SYSU	SYMPHYOTRICHUM SUBSPICATUM / DOUGLAS' ASTER	4" POT	12" o.c.	53	

STORMWATER PLANTER 18

KEY NOTE:

PLANT QUANTITIES PROVIDED MEET CWS REQUIREMENTS FOR STRUCTURAL FLOW-THROUGH PLANTER AND NON-STRUCTURAL INFLTRATION PLANTER/RAIN GARDEN

QUANTITIES PER 100 SQUARE FEET:

• 115 HERBACEOUS PLANTS, 1' ON CENTER SPACING, 6" OR 1/2-GAL CONTAINER SIZE; OR • 100 HERBACEOUS PLANTS, 1' ON CENTER, AND 4 SHRUBS, 1-GAL CONTAINER SIZE 2' ON CENTER.



NOT FOR CONSTRUCTION



38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101

T 503.245.7100

T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.



1204 SE Water Ave

Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

REASON FOR ISSUE LAND USE COMMENTS LAND USE REVISION 2 05/26/2023 LAND USE REVISION 3



LAND USE SET

CWS STORMWATER PLANTING PLAN

5.26.2023

PROJECT NUMBER 215390

INTENTIONALLY BLANK

NOT FOR CONSTRUCTION



38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209 T 503.245.7100

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103 T 415.252.7063

© ANKROM MOISAN ARCHITECTS, INC.



SHAPIRO DIDWAY

1204 SE Water Ave Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

ELMONICASW 170TH AND W BASELINE

REVISION DATE REASON FOR ISSUE

02/17/2023 LAND USE COMMENTS
04/28/2023 LAND USE REVISION 2
05/26/2023 LAND USE REVISION 3



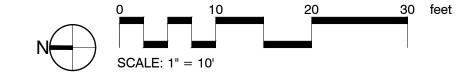
LAND USE SET

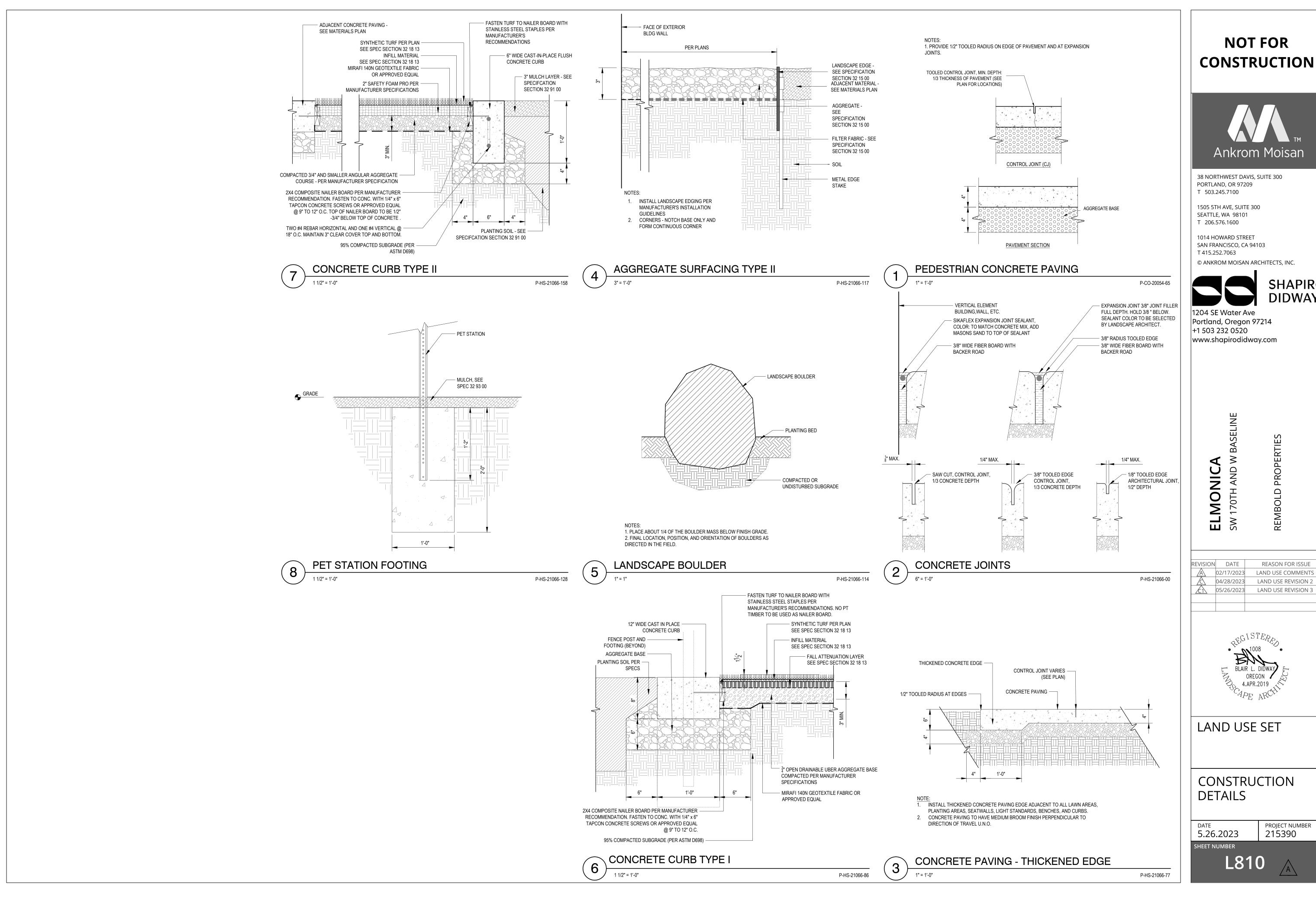
CWS STORMWATER PLANTING PLAN

L514

DATE 5.26.2023

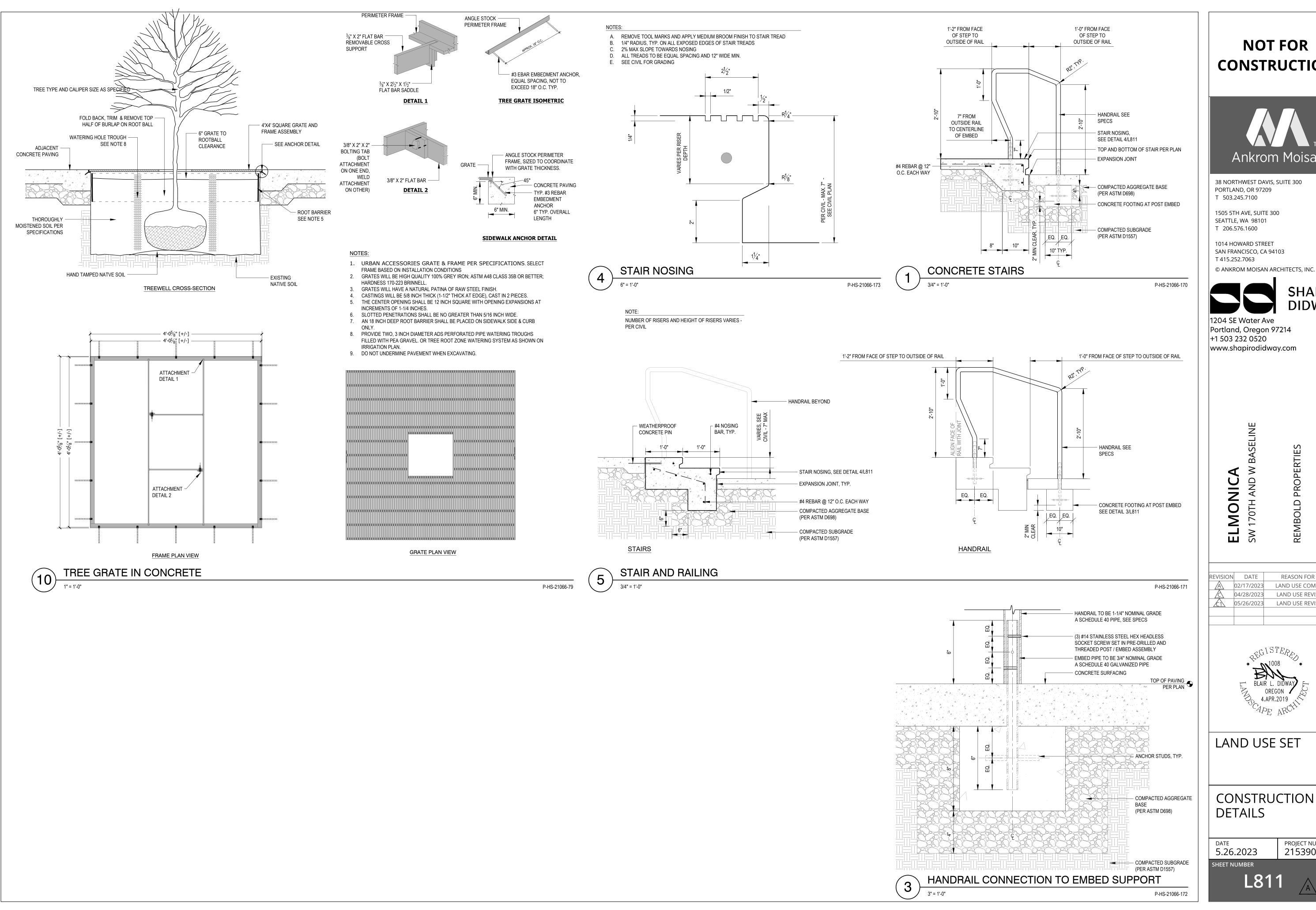
PROJECT NUMBER 215390 A







LAND USE COMMENTS LAND USE REVISION 2 LAND USE REVISION 3





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101

1014 HOWARD STREET SAN FRANCISCO, CA 94103



1204 SE Water Ave Portland, Oregon 97214

+1 503 232 0520 www.shapirodidway.com

REVISION	DATE	REASON FOR ISSUE
A	02/17/2023	LAND USE COMMENTS
	04/28/2023	LAND USE REVISION 2
<u>£</u> 1	05/26/2023	LAND USE REVISION 3

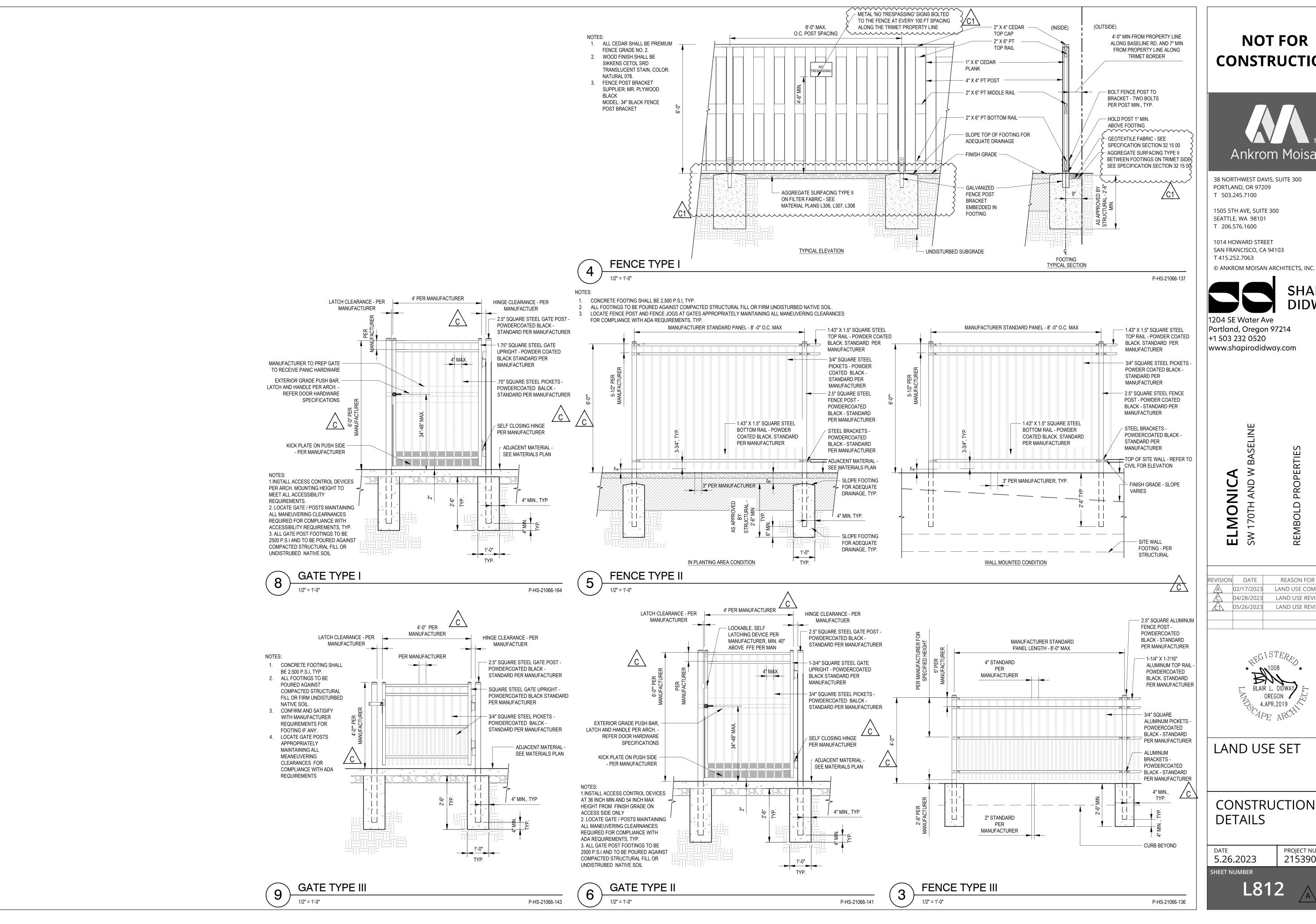


LAND USE SET

CONSTRUCTION **DETAILS**

5.26.2023

PROJECT NUMBER 215390





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063



1204 SE Water Ave Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

REASON FOR ISSUE LAND USE COMMENTS 04/28/2023 LAND USE REVISION 2 LAND USE REVISION 3 05/26/2023



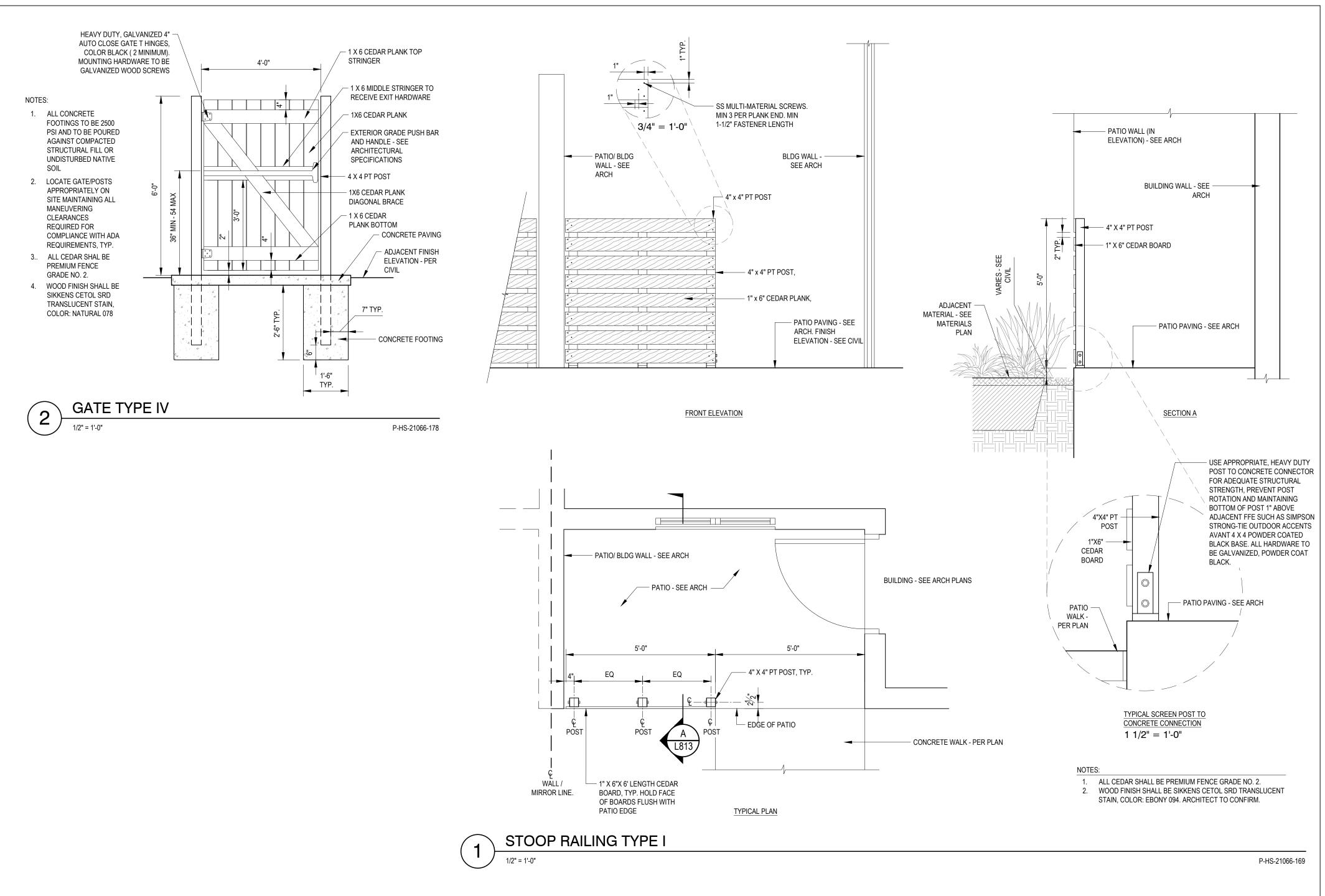
LAND USE SET

CONSTRUCTION DETAILS

5.26.2023

215390

PROJECT NUMBER





38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300

T 503.245.7100

SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.



1204 SE Water Ave Portland, Oregon 97214 +1 503 232 0520

SHAPIRO

www.shapirodidway.com

ELMONICASW 170TH AND W BASELINE

REVISION	DATE	REASON FOR ISSUE
A	02/17/2023	LAND USE COMMENTS
A	04/28/2023	LAND USE REVISION 2
<u>£</u> 1	05/26/2023	LAND USE REVISION 3



LAND USE SET

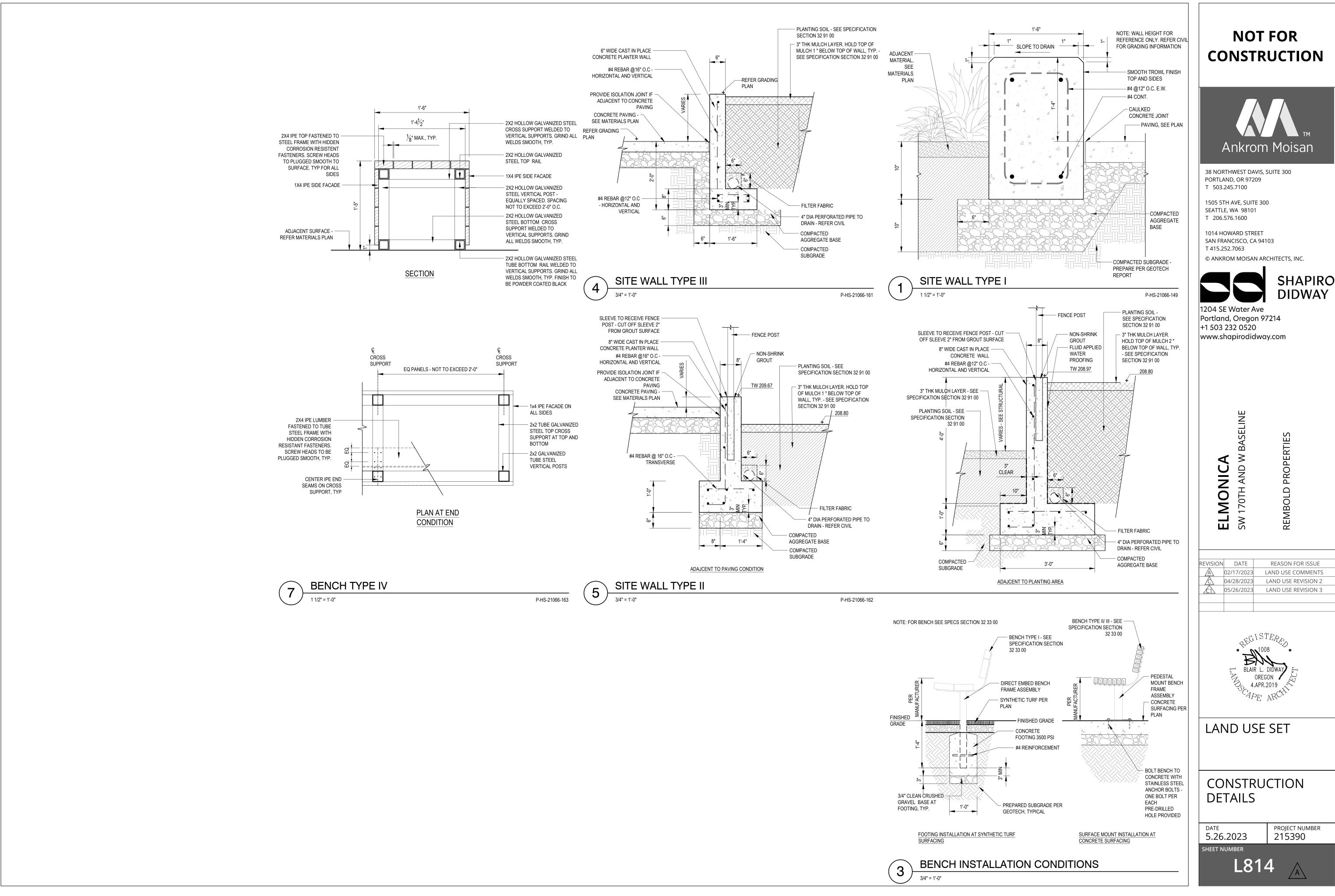
CONSTRUCTION DETAILS

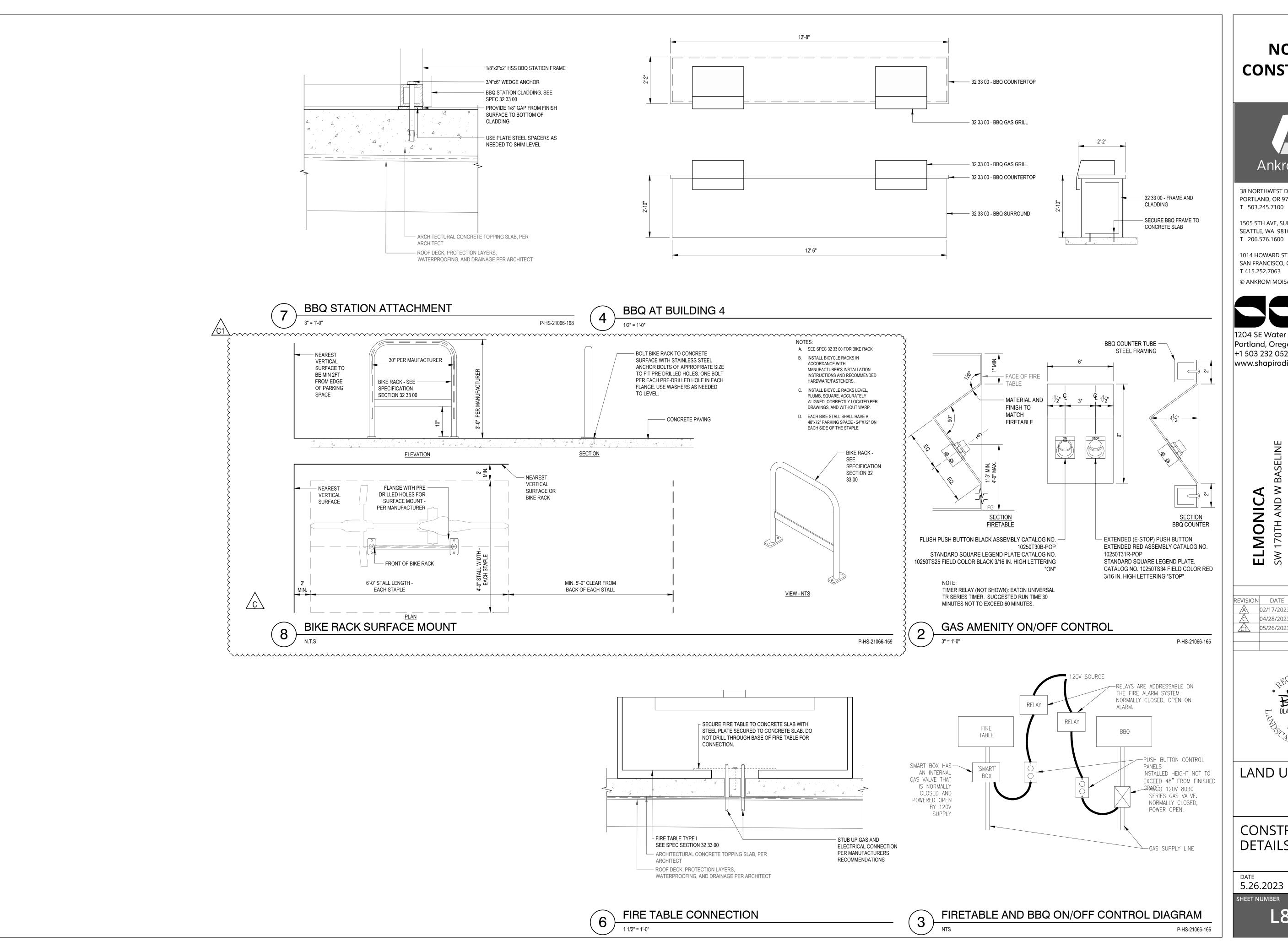
5.26.2023

PROJECT NUMBER 215390

NUMBER

L813 🛕







38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101

1014 HOWARD STREET SAN FRANCISCO, CA 94103

T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.



Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

REVISION DATE **REASON FOR ISSUE** LAND USE COMMENTS LAND USE REVISION 2 04/28/2023 05/26/2023 LAND USE REVISION 3

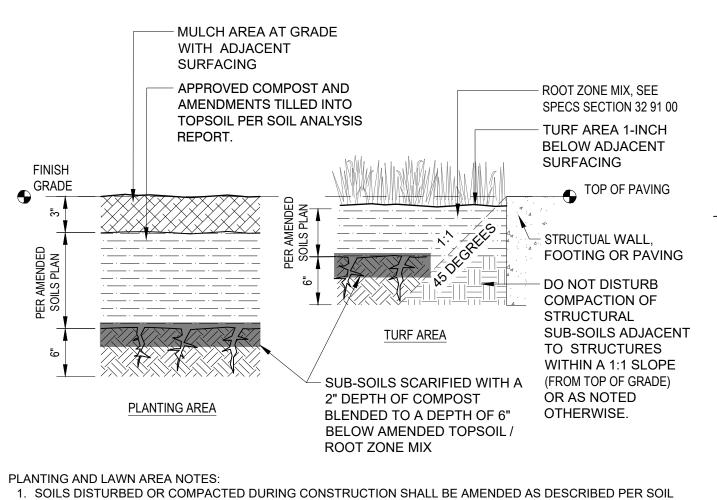


LAND USE SET

CONSTRUCTION **DETAILS**

5.26.2023

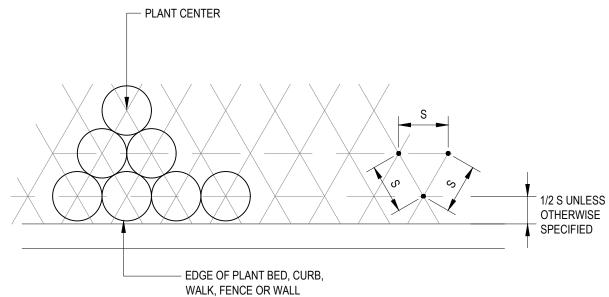
PROJECT NUMBER 215390



REQUIRED FOR CONDITIONS LESS THAN 5 FEET FINISHED GRADE - WALL OR SIDEWALK **ROOT** BALL 24" DEEP ROOT BARRIER PER SEC SECTION 32 94 00. INSTALL ALONG SIDEWALK FOR TREES PLANTED 5 FEET OR CLOSER TO HARDSCAPE (MEASURED FROM BASE OF TRUNK). EXTEND 5 FEET BEYOND TRUNK IN EACH DIRECTION, UNLESS NOTED OTHERWISE ON PLANS. IF LENGTHS

ARE NOT SPECIFIED REFER TO MANUFACTURER'S RECOMMENDATIONS

TREE ROOT BARRIER



P-HS-21066-04

- KEEP MULCH FREE FROM A 4

INCH RADIUS AT THE PLANT

- SET ROOTBALL CROWN 1 INCH

HIGHER THAN SURROUNDING

- SLOPE FINISHED GRADE AT

BACKFILL AWAY FROM

MULCH DEPTH PER SPEC.

TOPSOIL PER SPECIFICATIONS.

DO NOT COMPACT. WATER-IN

FOR CORRECT SETTLEMENT

BACKFILL AND AMENDMENTS

P-HS-21066-01

- NATIVE SOIL FIRMLY

COMPACTED

FINISHED GRADE

ROOTBALL

- FINISHED GRADE

TRUNK

1014 HOWARD STREET

PORTLAND, OR 97209

1505 5TH AVE, SUITE 300

SEATTLE, WA 98101

T 206.576.1600

T 503.245.7100

SAN FRANCISCO, CA 94103 T 415.252.7063 © ANKROM MOISAN ARCHITECTS, INC.

38 NORTHWEST DAVIS, SUITE 300

NOT FOR

CONSTRUCTION

Ankrom Moisan



1204 SE Water Ave Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

0

ш REVISION DATE **REASON FOR ISSUE** 02/17/2023 LAND USE COMMENTS 04/28/2023 LAND USE REVISION 2



LAND USE SET

SHEET NUMBER

WALK, FENCE OR WALL S = SPACING ON CENTER (O.C.) AS SHOWN ON PLANS PROVIDE EQUIDISTANT TRIANGULATED SPACING AS SHOWN

ROOTBALL

2X ROOTBALL

NOTE: CHECK ROOTBALL FOR PRESENCE OF ROOT FLARE AT BASE OF TRUNK. REMOVE EXCESS SOIL OVER ROOT

FLARE AND ADJUST DEPTH OF PLANTING HOLE TO ACCOMODATE REDUCED ROOTBALL DEPTH IF NEEDED. ROOT FLARE

GROUNDCOVER SPACING

LAWN AND SHRUB BED SOIL PREPARATION

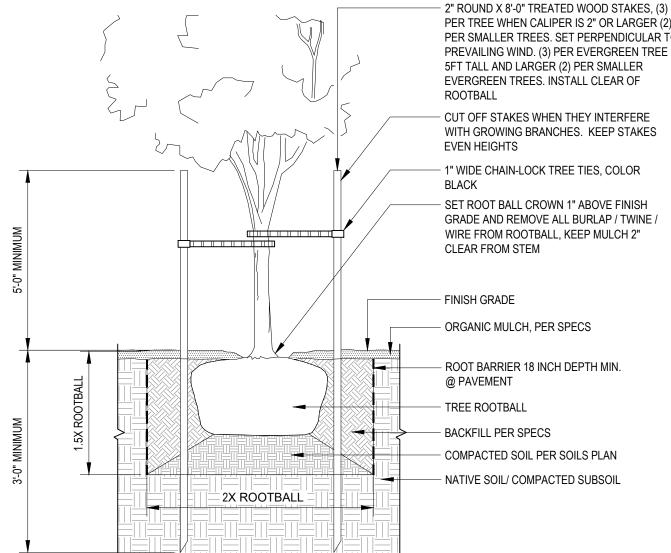
STRUCTURES OR AS DETERMINED BY LANDSCAPE ARCHITECT OR ARBORIST.

TREE PLANTING ON GRADE

2. COMPACTED SUBSOILS SHALL BE SCARIFIED (TILLED) EXCEPT WHERE DAMAGE TO TREE ROOTS,

ANALYSIS REPORT.

P-HS-21066-94 2" ROUND X 8'-0" TREATED WOOD STAKES, (3) PER TREE WHEN CALIPER IS 2" OR LARGER (2) PER SMALLER TREES. SET PERPENDICULAR TO



BASE MEETS SUBSTRATE/SOIL

TO THE AREA AND DEPTH SHOWN

SLOPE SIDES OF LOOSENED SOIL

- ORIGINAL GRADE

3" DARK BARK OR -2" CRUSHED GRANITE AS PER PLANS AMENDED SOIL PER SOILS PLAN MULCH AREA -AT GRADE WITH ADJACENT SURFACING SUB SOILS SCARIFIED BELOW AMENDED LAYER.

1. ALL SOIL AREAS DISTURBED OR COMPACTED DURING CONSTRUCTION AND NOT COVERED BY BUILDINGS SHALL BE AMENDED AS DESCRIBED.

PLANTING AREA

2. SUBSOIL NOT TO BE DISTURBED BENEATH DRIPLINES OF PROTECTED EXISTING TREES ON SITE OR FROM ADJACENT PROPERTY. 3. DO NOT DISTURB COMPACTED SOILS ADJACENT TO STRUCTURAL FOOTINGS OR WALLS. CONTACT PROJECT CIVIL ENGINEER OR STRUCTURAL ENGINEER FOR RECOMMENDED SETBACKS PRIOR TO SITE WORK.

SHRUB PLANTING SOIL AMENDMENT AND DEPTH P-HS-21066-09

P-HS-21066-06

REMOVE PLANT FROM -

TWINE BURLAP FROM

TOP 2/3 OF ROOTBALL

WATER WELL 1 INCH HIGH -

AT SHRUB, NO WATER

WELL AT LAWN AREA

CONTAINER OR REMOVE

ROOT BARRIER SIDEWALK / SIDEWALK SCORING(TYP.) PEDESTRIAN SET ROOT-TRUNK COLLAR ZONE FINISH TO "ABOVE FINISHED CENTER TREE IN CENTER TREE IN -GRADE GRADE PLANTING STRIP (WITH PLANTER OPENING PLANTER OR WITHOUT OPENING CONCRETE TREE WELL) WOOD POSTS -SIDEWALK OR PAVERS CURB - 18" ROOT BARRIER OF CURB 4'-0" x 6'-0" TYP. TREE WELL SIZE — OR APPROVED EQUIVALENT DEPTH VARIES BASED (BY URBAN FORESTRY) PLAN VIEW ON SIZE OF ROOT BALL

FINISHED GRADE IN TREE WELL TO BE FLUSH WITH SIDEWALK AND TOP BACKFILL WITH TOPSOIL OR MOUNDED COMPACTED AMENDED TOPSOIL NATIVE SOIL TYPICAL STREET TREE SECTION

FRAME AND GRATE FLUSH -WITH FINISHED SIDEWALK BELOW GRATE GRADE. INSTALL GRATE - SIDEWALK OR PAVERS AND FRAME PER MANUFACTURER'S RECOMMENDATINOS 18" ROOT BARRIER 2" OF PEA GRAVEL MOUNDED COMPACTED BACKFILL WITH TOPSOIL OR NATIVE SOIL AMENDED TOPSOIL TYPICAL STREET TREE SECTION WITH

SET ROOT-TO-TRUNK COLLAR 2"

CPL OR AS APPROVED BY URBAN FORESTRY WOOD POSTS WITH APPROVED TIE STRAPS MAY BE NECSSARY FOR TREE STABILITY. INSTALL PARALLEL TO CURB

UNDERGROUND UTILITIES, REFER TO URBAN FORESTRY'S "STREET TREE PLANTING AND ESTABLISMENT GUIDELINES"

URBAN FORESTRY

NOTES:

DIMENSIONS

- 1. EXCAVATE 2-1/2 TIMES THE SIZE OF ROOT BALL OR TREE WELL
- CAREFULLY REMOVE AS MUCH OF BURLAP AND BASKET AS POSSIBLE WITHOUT CAUSING DAMAGE TO ROOT BALL
- TREE GRATES ARE NOT PREFERRED AND SUBJECT TO APPROVAL IF USED TREE GRATES MUST BE ADA COMPLIANT. USE PRODUCTS OF
- 5. WHEN PLANTING NEAR STREET LIGHTING, SIGNAGE AND OTHER
- 6. ROOT BARRIER SHALL BE USED ALONG SIDEWALK/ PEDESTRIAN ZONE SIDE OF STREET TREE. USE PRODUCTS ON CPL OR AS APPROVED BY

BOTTOM OF ROOT BALL RESTS ON EXISTING OR RECOMPACTED SOIL

ORIGINAL SLOPE SHOULD PASS THROUGH THE POINT WHERE THE TRUNK

BRACE TREE. DO NOT OVER COMPACT. WHEN THE PLANTING HOLE HAS

- LOOSEN SOIL. DIG AND TURN THE SOIL TO REDUCE THE COMPACTION

BEEN BACKFILLED, POUR WATER AROUND THE ROOT BALL TO SETTLE THE

PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND ROOT BALL IN 6" LIFTS TO

P-HS-21066-91

STREET TREE PLANTING

TREE PLANTING ON SLOPE

3X WIDEST

DIMENSION OF ROOTBALL

TRUNK CALIPER SHALL MEET ANSI Z60 CURRENT

EDITION FOR ROOT BALL SIZE

1" WIDE CHAINLOCK TREE TIES -

ROOT BALL MODIFIED AS -

REQUIRED

EXISTING SOIL

W/ 2" ROUND X 8-0' TREATED WOOD STAKE

SHALL BEGIN AT ROOT BALL PERIPHERY

ROOT BALL (SEE SPECIFICATIONS FOR MULCH)

ROUND-TOPPED SOIL BERM 4" HIGH X 8" WIDE ABOVE ROOT BALL

3" LAYER OF MULCH NO MORE THAN 1" OF MULCH ON TOP OF

SURFACE SHALL BE CONSTRUCTED AROUND THE ROOTBALL. BERM

L820

INTERSECTION - 25' FROM THE CURB LINE PROPERTY LINES 2' CLEAR

MUST BE VISIBLE ABOVE MULCH/SOIL/ROOTBALL.

STREET LIGHTS - 25' UNLESS A COLUMNAR SPECIES OF TREE IS SELECTED, THE

BARRIER

DISTANCE MAY BE REDUCED TO 15' TRAFFIC STOP OR YIELD SIGNS - 20' CLEAR TREES ADJACENT - 20' CLEAR

FIRE HYDRANTS - 10' CLEAR

TREE CLEARANCE REQUIREMENTS: MEASURED FROM TREE TRUNK

DIRECTIONAL TRAFFIC SIGNS - 10' CLEAR

DRIVEWAYS AND ALLEY MARGINS - 5'

DRYWELLS - 5' - 10' REQUIRES ROOT

DRY UTILITIES - 5' CLEAR UTILITY LINES OVERHEAD - 5' VERTICAL

UTILITY POLES - 5' CLEAR

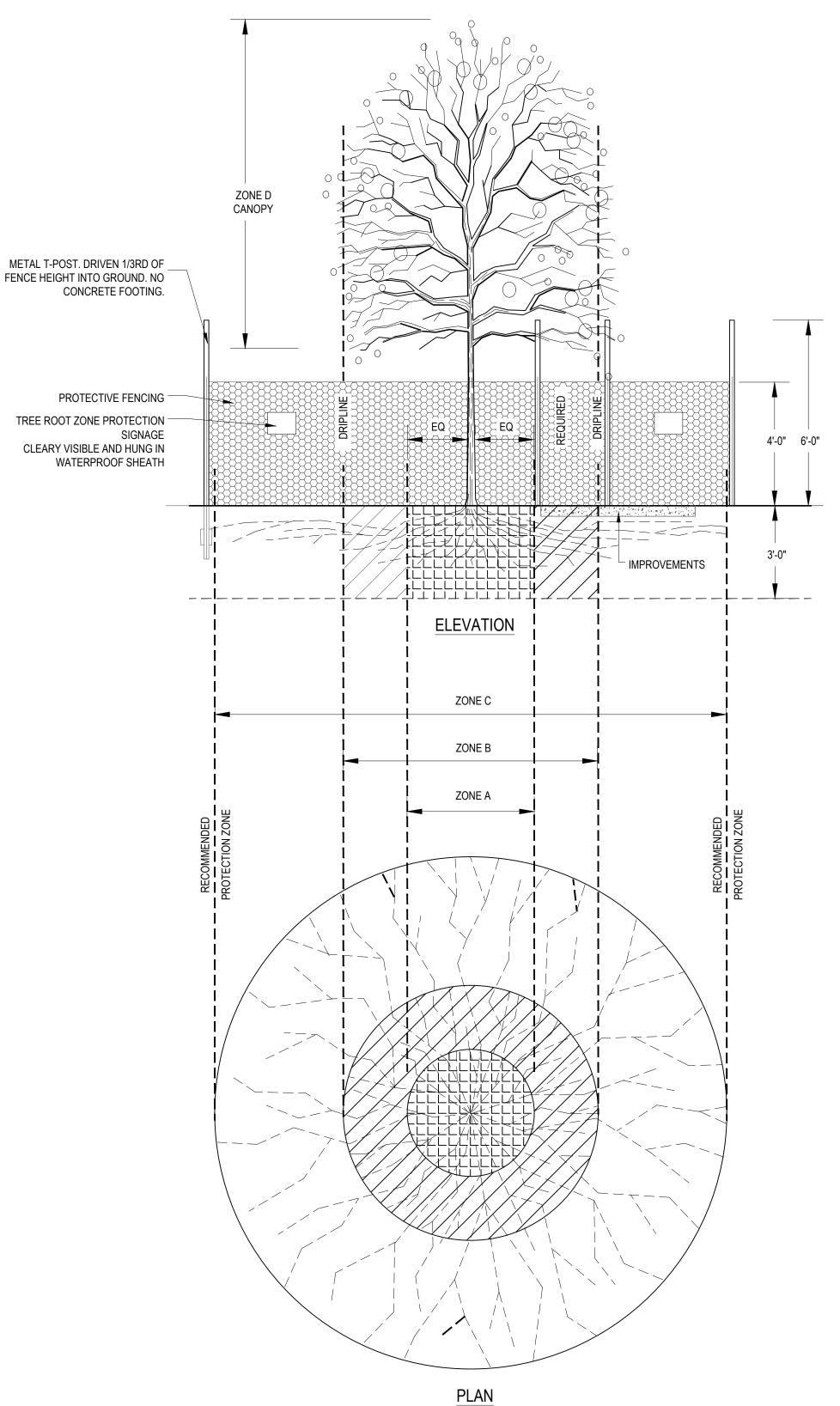
FOR ALTERNATE TREE PLANTING LOCATION APPROVAL (PRIOR TO PLANTING), CONTACT LANDSCAPE ARCHITECT

CLEARANCE AT MATURE HEIGHT.

P-HS-21066-03

PLANTING DETAILS

PROJECT NUMBER 215390 5.26.2023



TREE PROTECTION NOTES

- ALL TREES SHALL BE TAGGED FOR PRESERVATION OR DEMOLITION PER THE TREE PLAN.
- THE PROJECT ARCHITECT AND OWNER'S CERTIFIED ARBORIST/ LANDSCAPE ARCHITECT SHALL BE NOTIFIED IF ANY DISCREPANCIES ARE FOUND WITH THE TREES IDENTIFIED ON THE TREE PLAN AND ACTUAL CONDITIONS.

FENCING PROTECTION ZONE

ALL ZONES

- 1. PROTECTIVE FENCING SHALL BE PROVIDED AND MAINTAINED AT THE DRIP LINE OF EACH TREE OR GROUP OF TREES AT THE DRIP LINE. ORANGE OR GREEN PVC WEB FENCING MAY BE USED ONLY AS APPROVED BY THE CITY AND OWNER. ZONE C FENCING BEYOND THE DRIP LINE IS NOT REQUIRED BUT IS RECOMMENDED WHERE POSSIBLE.
- 2. THE APPROVAL OF THE OWNER'S CERTIFIED ARBORIST IS REQUIRED FOR USE/ACCESS WITHIN ZONES.
- 3. SURFACE PROTECTION MEASURES REQUIRED SUCH AS WOOD PLANKING OR STEEL PLATES UNDER BACKHOE STABILIZERS PLACED ANYWHERE WITHIN ZONES.
- 4. BARK MULCH REQUIRED AT 6"-8" DEPTH KEPT 12 INCHES CLEAR OF TRUNK.
- 5. NO MATERIALS, EQUIPMENT, SPOIL, OR WASTE OR WASHOUT / WASTEWATER I.E. CEMENT MAY BE DEPOSITED, STORED, OR PARKED WITHIN THE TREE PROTECTION ZONE C AT ALL
- 6. PROVIDING SEASONAL WATERING AS NEEDED TO MAINTAIN HEALTH AND VIGOR OF PLANTS TO REMAIN. THIS INCLUDES PROVIDING WATER SUPPLY, PIPING AND HOSES, AND APPLICATION MATERIALS AND THE LABOR REQUIRED TO PROVIDE PROPER WATER APPLICATION.

TRENCHING / EXCAVATION

ZONE A (CRITICAL ROOT ZONE)

[(CRZ) IS DETERMINED BY TRUNK DIAMETER MEASURED AT CHEST HEIGHT (DBH) AND CRZ IS EQUAL TO 1-FOOT RADIUS FOR EVERY 1" DIAMETER OF TREE.]

- 1. NO DISTURBANCE ALLOWED WITHOUT SITE-SPECIFIC INSPECTION AND APPROVAL OF METHODS TO MINIMIZE ROOT DAMAGE
- 2. SEVERANCE OF ROOTS LARGER THAN 2 INCHES IN DIAMETER REQUIRES THE OWNER'S CERTIFIED ARBORIST APPROVAL.
- 3. TUNNELLING REQUIRED TO INSTALL LINES 3 FEET BELOW GRADE OR DEEPER
- 4. ALL NON-PAVED SURFACES IN ZONE SUBJECT TO IMPACT (COMPACTION) BY CONSTRUCTION ACTIVITIES SHALL BE PROTECTED WITH THE ABOVE STATED OPTIONS FOR SURFACE PROTECTION MEASURES.

ZONE B (DRIPLINE)

[DEFINED AS MAXIMUM WIDTH OF BRANCH EXTENSION ON TREE]

- 1. OPERATION OF HEAVY EQUIPMENT AND/OR STOCKPILING OF MATERIALS SUBJECT TO THE OWNER'S CERTIFIED ARBORIST APPROVAL.
- 2. MAINTAIN 2/3 OR MORE OF ZONE IN UNDISTURBED CONDITION.
- 3. WHEN TRENCHING FOR UTILITIES WITHIN ZONE B, HAND DIG OR TUNNEL AROUND ROOTS WHENEVER POSSIBLE. CUT ALL ROOTS CLEANLY WITH SHARP PRUNERS OR SAWS. IF ROOTS OVER 2" DIA. ARE ENCOUNTERED, NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE. FOR INSPECTION AND APPROVAL PRIOR TO PROCEEDING. ROOT PRUNE AND REMEDY ONLY AS DIRECTED BY THE OWNER'S CERTIFIED ARBORIST.
- 4. AIR OR WATER-SPADING, OR BORING MAY BE REQUIRED BY IN ZONE A OR ZONE B IF CONDITIONS WARRANT.
- 5. FOR INSTALLATION OF SILT FENCING, DO NOT TRENCH IN ZONE A OR ZONE B; INSTEAD SECURE TOE OF FENCING WITH DRAIN ROCK OR SUITABLE SOIL AND MONITOR/MAINTAIN FENCING AS NECESSARY TO PREVENT EROSION.
- 4. ALL NON-PAVED SURFACES IN ZONE SUBJECT TO IMPACT (COMPACTION) BY CONSTRUCTION ACTIVITIES SHALL BE PROTECTED WITH THE ABOVE STATED OPTIONS FOR SURFACE PROTECTION MEASURES.

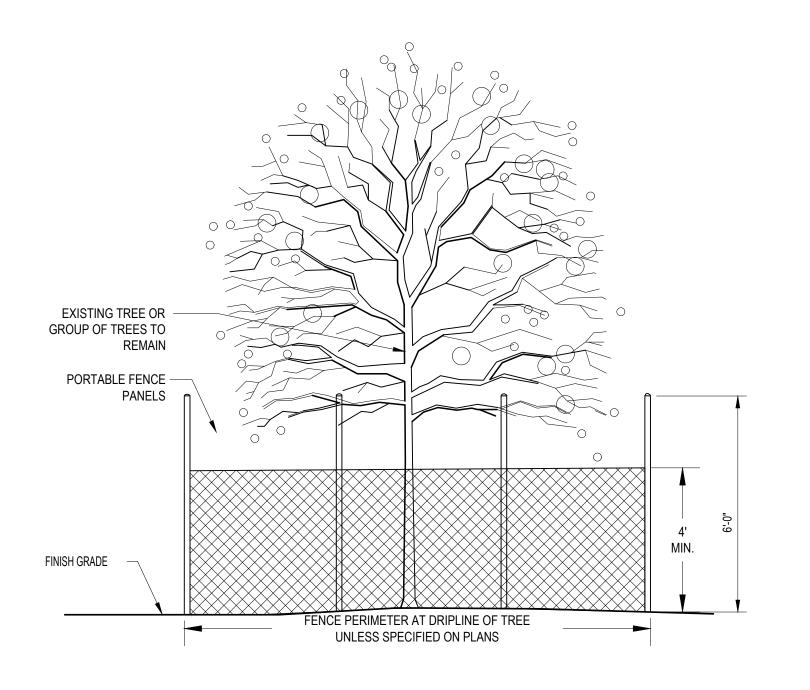
ZONE C (ABSORBING ROOT ZONE)

[(ARZ) IS DETERMINED BY TRUNK DIAMETER MEASURED AT CHEST HEIGHT (DBH) AND ARZ IS EQUAL TO 2-FOOT RADIUS FOR EVERY 1" DIAMETER OF TREE.]

- 1. OPERATION OF HEAVY EQUIPMENT AND OR STOCKPILING OF MATERIALS SUBJECT TO OWNER'S AUTHORIZED REPRESENTATIVE APPROVAL
- 2. TRENCHING WITH HEAVY EQUIPMENT ALLOWED AS FOLLOWS:
 MINIMIZE TRENCH WIDTH
- MAINTAIN 2/3 OR MORE OF ZONE IN UNDISTURBED CONDITION
- OR AS SPECIFIED BY THE OWNER'S CERTIFIED ARBORIST
- 3. ALL NON-PAVED SURFACES IN ZONE SUBJECT TO IMPACT (COMPACTION) BY CONSTRUCTION ACTIVITIES SHALL BE PROTECTED WITH THE ABOVE STATED OPTIONS FOR SURFACE PROTECTION MEASURES.

ZONE D (CANOPY)

- 1. OVERHEAD BRANCHING LIKELY TO BE DAMAGED BY EQUIPMENT OPERATION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S CERTIFIED ARBORIST. OVERHEAD PREVENTIVE MEASURES (PRUNING OR TIE-BACK OF BRANCHES) AS APPROVED BY THE OWNER'S CERTIFIED ARBORIST SHALL BE PROPERLY EXECUTED BEFORE COMMENCEMENT OF THE CONSTRUCTION ACTIVITIES.
- 2. WASH OFF FOLIAGE WHICH BECOMES SOILED DURING CONSTRUCTION.



NOT FOR CONSTRUCTION



38 NORTHWEST DAVIS, SUITE 300 PORTLAND, OR 97209

T 503.245.7100

1505 5TH AVE, SUITE 300 SEATTLE, WA 98101 T 206.576.1600

1014 HOWARD STREET SAN FRANCISCO, CA 94103 T 415.252.7063

© ANKROM MOISAN ARCHITECTS, INC.



1204 SE Water Ave Portland, Oregon 97214 +1 503 232 0520 www.shapirodidway.com

> ELMONICA SW 170TH AND W BASELINE

REVISION	DATE	REASON FOR ISSUE
A	02/17/2023	LAND USE COMMENTS
A	04/28/2023	LAND USE REVISION 2
<u>£1</u>	05/26/2023	LAND USE REVISION 3



LAND USE SET

PLANTING DETAILS

DATE PROJECT NUMBER 215390

EET NUMBER

L821



EXISTING TREE PRESERVATION