GENERAL NOTES 1. CODE COMPLIANCE: ALL WORK SHALL COMPLY WITH THE 2018 IRC, 2018 IMC, 2018 IFGC, 2018 IFC, 2018 UPC, 2018 IPMC, 2020 NEC, 2018 INTERNATIONAL ENERGY CONSERVATION CODE WITH WASHINGTON STATE AMENDMENTS, 2009 ICC A117.1, AND WITH ALL LOCAL CODES, ORDINANCES, AND COVENANTS OF THE JURISDICTION WHERE IT IS BUILT.

2. DIMENSIONS: DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. NOTIFY THE ARCHITECT OF DISCREPANCIES. IF WORK IS STARTED PRIOR TO NOTIFICATION, THE GENERAL AND SUBCONTRACTOR PROCEED AT THEIR OWN RISK. UNLESS OTHERWISE NOTED, PLAN DIMENSIONS ARE TO FACE OF STUDS OR FACE OF CONCRETE WALLS. FACE OF STONE VENEER LIES 6" +/- OUTSIDE THE FACE OF FRAMING. INTERIOR PLAN DIMENSIONS ARE TO FACE OF STUDS UNLESS OTHERWISE NOTED. VERIFY ALL ROUGH-IN DIMENSIONS FOR WINDOWS, DOORS, PLUMBING, ELECTRICAL FIXTURES AND APPLIANCES PRIOR TO COMMITMENT OF WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES OF DIMENSIONAL TOLERANCES REQUIRED.

DOCUMENT REVIEW/VERIFICATION: CONSULT WITH ARCHITECT REGARDING ANY SUSPECTED ERRORS, OMISSIONS, OR CHANGES ON PLANS BEFORE PROCEEDING WITH THE WORK

. ROUGH OPENINGS/BACKING: VERIFY SIZE AND LOCATION, AS WELL AS PROVIDE ALL OPENINGS THROUGH FLOORS AND WALLS. FURRING, CURBS, ANCHORS, INSERTS, EQUIPMENT BASES AND ROUGH BUCKS/BACKING FOR SURFACE-MOUNTED ITEMS.

5. FURRING: PROVIDE FURRING AS REQUIRED TO CONCEAL MECHANICAL AND/OR ELECTRICAL EQUIPMENT IN FINISHED AREAS. FURRING 0,5 NOT SHOWN ON PLANS SHALL BE APPROVED BY ARCHITECT PRIOR TO CONSTRUCTION.

6. GRADES: VERIFY ALL GRADES AND THEIR RELATIONSHIP TO THE BUILDING(S).

7. FLOOR LINES: "FLOOR LINE" REFERS TO TOP OF CONCRETE SLAB OR TOP OF WOOD SUBFLOOR.

8. REPETITIVE FEATURES: OFTEN DRAWN ONLY ONCE AND SHALL BE PROVIDED AS IF FULLY DRAWN.

9. DOORS: DOORS NOT DIMENSIONALLY LOCATED SHALL BE 6" FROM STUD FACE TO EDGE OF DOOR, ROUGH OPENING OR CENTERED BETWEEN WALLS AS SHOWN.

. WOOD MEMBERS IN CONTACT WITH CONCRETE, AND/OR EXPOSED TO WEATHER:

TO BE PRESSURE TREATED, TYPICAL. PROVIDE PRESSURE TREATED SILL PLATE IF FINISH GRADE IS WITHIN 8", TYPICAL.

ALL NEW INTERIOR FRAME PARTITIONS TO BE 2X4 @ 16" O.C., & ALL NEW EXTERIOR FRAME PARTITIONS TO BE 2X6 @ 16" O.C., UNLESS OTHERWISE NOTED. VERIFY W/ STRUCTURAL DRAWINGS. EXISTING EXTERIOR WALLS ARE 2X4 STUDS @ 16" O.C., AND ARE TO REMAIN. NEW INTERMEDIATE FRAMING AT EXTERIOR WOOD WALLS REQUIRES HEADERS INSULATED WITH A MIN. R-10 INSULATION.

. VENTILATION: VENT ALL BATHROOM FANS, LAUNDRY FANS, RANGE HOODS AND DRYERS TO OUTSIDE ATMOSPHERE. BATHROOM/UTILITY ROOM FANS SHALL BE CAPABLE OF 5 AIR CHANGES PER HOUR AND SHALL BE VENTED DIRECTLY TO THE OUTSIDE THROUGH SMOOTH, RIGID, NON-CORROSIVE METAL, 24 GA. DUCTWORK. FLEX DUCTING IS NOT ALLOWED. WSEC R402.4.1.2 REQUIRES THE DWELLING UNIT TO BE TESTED AND VERIFIED AS HAVING AN AIR LEAKAGE RATE NOT EXCEEDING 5 AIR CHANGES PER HOUR. TESTING MUST BE CONDUCTED WITH A BLOWER DOOR AT A PRESSURE OF 0.2. NEW CONSTRUCTION MAY BE ISOLATED FROM EXISTING STRUCTURE FOR TESTING

<u>13. FLUES:</u> FLUES TO BE LOCATED MINIMUM 2" FROM ALL COMBUSTIBLE MATERIALS.

14. DOWNSPOUTS: LOCATE NEW DOWNSPOUTS AS SHOWN ON ROOF PLAN, FLOOR PLANS & ELEVATIONS.

5. OTHER DOCUMENTATION: REFER TO STRUCTURAL, MECHANICAL, ELECTRICAL, AND/OR LANDSCAPE DRAWINGS FOR ADDITIONAL DRAWINGS, NOTES, SCHEDULES, AND SYMBOLS.

<u>16. PROTECTION:</u> PROTECT ALL EXISTING FINISHES AND SURFACES. ANY DAMAGE WILL BE REPAIRED WITHOUT ADDITIONAL COST TO OWNER.

17. PERMITS: SEPARATE ELECTRICAL, MECHANICAL, AND PLUMBING PERMITS ARE REQUIRED IN ADDITION TO THE BASIC BUILDING PERMIT 18. ROOFING: PROVIDE NEW ROOFING.

PIPES ETC. AT CEILING AND FLOOR LEVEL

19. EXHAUST DUCTS: PROVIDE BACKDRAFT DAMPERS AT ALL EXHAUST DUCTS. PROVIDE COMBUSTION AIR OPENINGS INTO FURNACE ROOM PER UMC 703.

20. APPLIANCES: CLEARANCES OF UL LISTED APPLIANCES FROM COMBUSTIBLE MATERIALS SHALL BE AS SPECIFIED IN UL LISTING.

21. WATER FLOW: SHOWER SHALL BE EQUIPPED WITH FLOW CONTROL DEVICE TO LIMIT WATER FLOW TO 2.5 GALLONS PER MINUTE. 22. SMOKE DETECTORS: SMOKE & CARBON MONOXIDE THROUGHOUT NEW CONSTRUCTION. TO BE MONITORED PER FIRE DEPARTMENT REQUIREMENTS.

3. FIREBLOCKING: FIREBLOCKING SHALL BE PROVIDED IN WOOD-FRAMED CONSTRUCTION PER 2015 IRC SECTION R302.11. SPECIFICALLY: 1) IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, 2) AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES, 3) IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT T.O. & B.O. RUN, 4) AT OPENINGS AROUND VENTS,

DUTY OF COOPERATION

RELEASE AND ACCEPTANCE OF THESE DOCUMENTS INDICATES COOPERATION AMONG THE OWNER, CONTRACTOR, AND STURMAN ARCHITECTS. ANY ERRORS, OMISSIONS, OR DISCREPANCIES DISCOVERED IN THE USE OF THESE DOCUMENTS SHALL BE REPORTED IMMEDIATELY TO STURMAN ARCHITECTS. FAILURE TO DO SO SHALL RELIEVE STURMAN ARCHITECTS FROM ANY RESPONSIBILITY FOR THE CONSEQUENCES.

ANY DEVIATIONS FROM THESE DOCUMENTS WITHOUT THE CONSENT OF STURMAN ARCHITECTS ARE UNAUTHORIZED. FAILURE TO OBSERVE THESE PROCEDURES SHALL RELIEVE STURMAN ARCHITECTS OF RESPONSIBILITY FOR ALL CONSEQUENCES ARISING FROM SUCH ACTIONS.

2018 WSEC CREDITS

MEDIUM DWELLING UNIT: 6.0 CREDITS REQUIRED DWELLING UNIT EXCEEDS 1,500 SQUARE FEET BUT IS LESS THAN 5,000 SQUARE FEET CONDITIONED SPACE.

CREDITS	OPTION	
1.0	1	HEAT PUMP W/ MIN HSPF OF 11 AND MAX 79,923 BTU/H
0.5	1.3	VERTICAL FENESTRATION U = 0.28 FLOOR R-38 SLAB ON GRADE R-10
1.5	2.3	REDUCE TESTED AIR LEAKAGE TO 1.5 AIR CHANGES F HOUR MAX. AT 50 PASCALS
		WHOLE HOUSE VENTILATION REQS MET W/ HEAT REC SYSTEM W/ MIN. EFFICIENCY OF 0.75, 125 CFM
0.5	4.1	ALL SUPPLY AND RETURN DUCTS IN UNCONDITIONED SHALL BE DEEPLY BURRING IN CEILING INSULATION
		MECH EQUIPMENT LOCATED OUTSIDE OF CONDITION MAX OF 10 LINER FEET OF RETURN DUCK AND 5 LINE/ SUPPLY DUCT MAY BE OUSIDE THE DEEPLY BURIED II
		DUCT LEAKAGE SHALL BE LIMITED TO 3 CFM PER 100 FEET OF CONDITIONED AREA
		AIR HANDLER(S) SHALL BE LOCATED WITHIN CONDITI

BUILDING AREA

		BASEMENT	MAIN FLOOR	SECOND	H
				FLOOR	S
	PROPOSED HOUSE SF:	498 SF	2,150 SF	2,252 SF	

SPACE

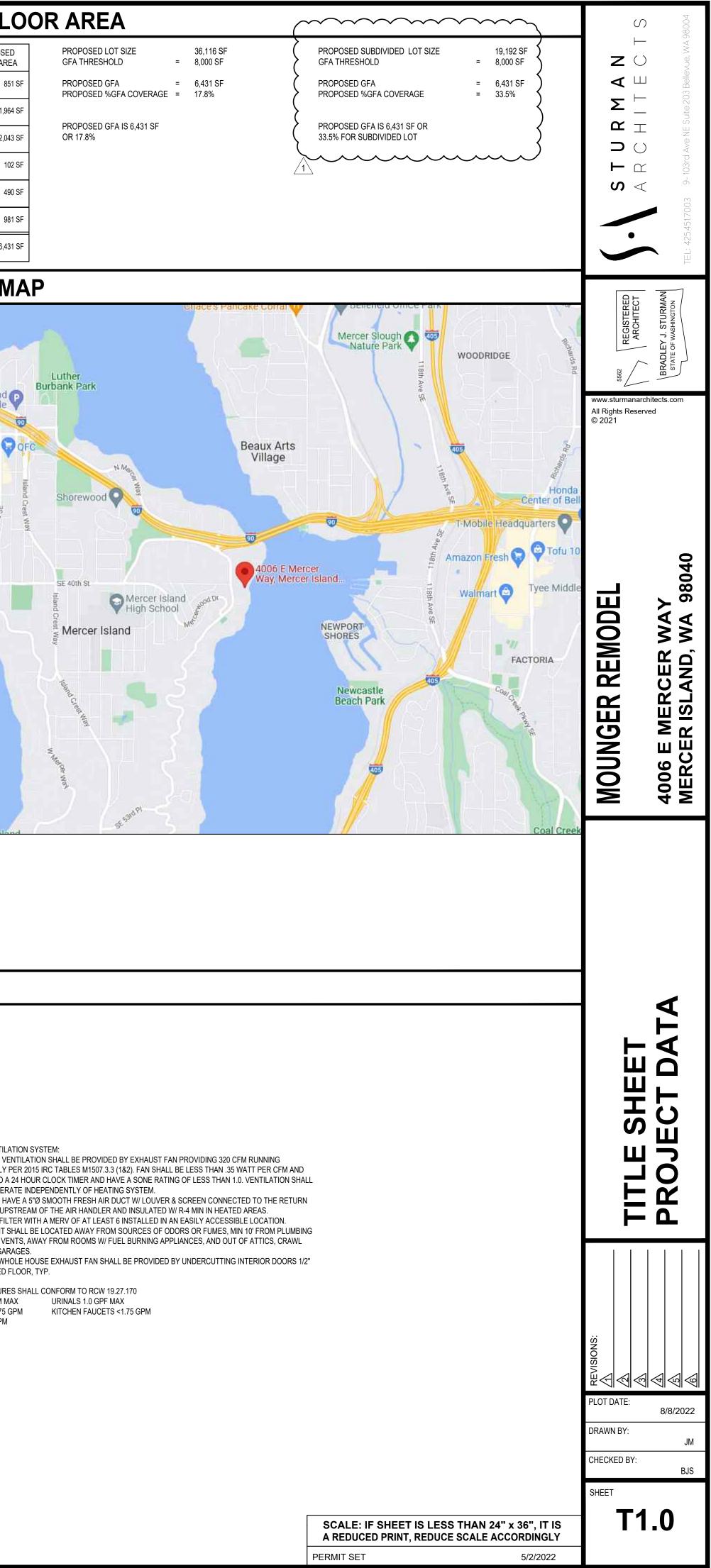
LOT COVERAGE AND HARDSO

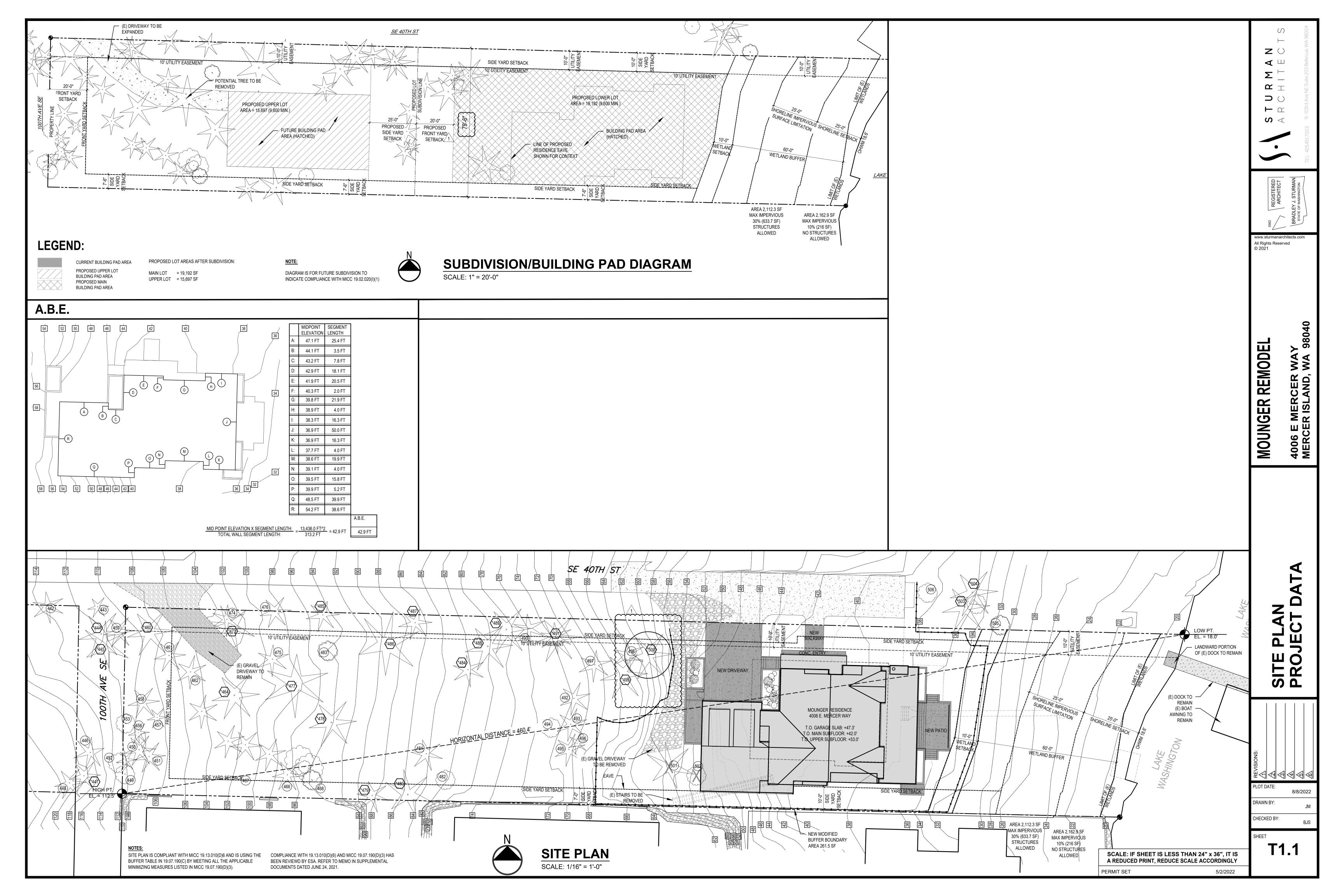
		LOT CO	VERAGE			
		GROSS LOT S.F.	MAIN ROOF STRUCT.	COVERED PATIO/DECK	DRIVEWAY	G DR
		36,116 SF				
	PROPOSED LOT COVERAGE		3,662 SF	763 SF	814 SF	
	% ALLOWED LOT COVERAGE					
\langle	SUBDIVIDED LOT COVERAGE	19,192 SF				
$\left<\right>$	PROPOSED LOT COVERAGE		3,662 SF	763 SF	814 SF	
$\left\{ \right.$	% ALLOWED LOT COVERAGE					
		HARDS(CAPE ~_			$\overline{}$
		GROSS LOT S.F.	CONC ENTRY	PATIO /STAIRS	WALKWAY	′ /
		36,116 SF				
	PROPOSED HARDSCAPE		53 SF	332 SF	169 SF	
	% ALLOWED HARDSCAPE					
	UNUSED LOT COVERAGE			\sim		
	SUBDIVIDED LOT SIZE	19,192 SF				
	PROPOSED HARDSCAPE		53 SF	332 SF	169 SF	
	% ALLOWED HARDSCAPE					
$\left\{ \right.$	UNUSED LOT COVERAGE AVAILABLE FOR HARDSCAPE					

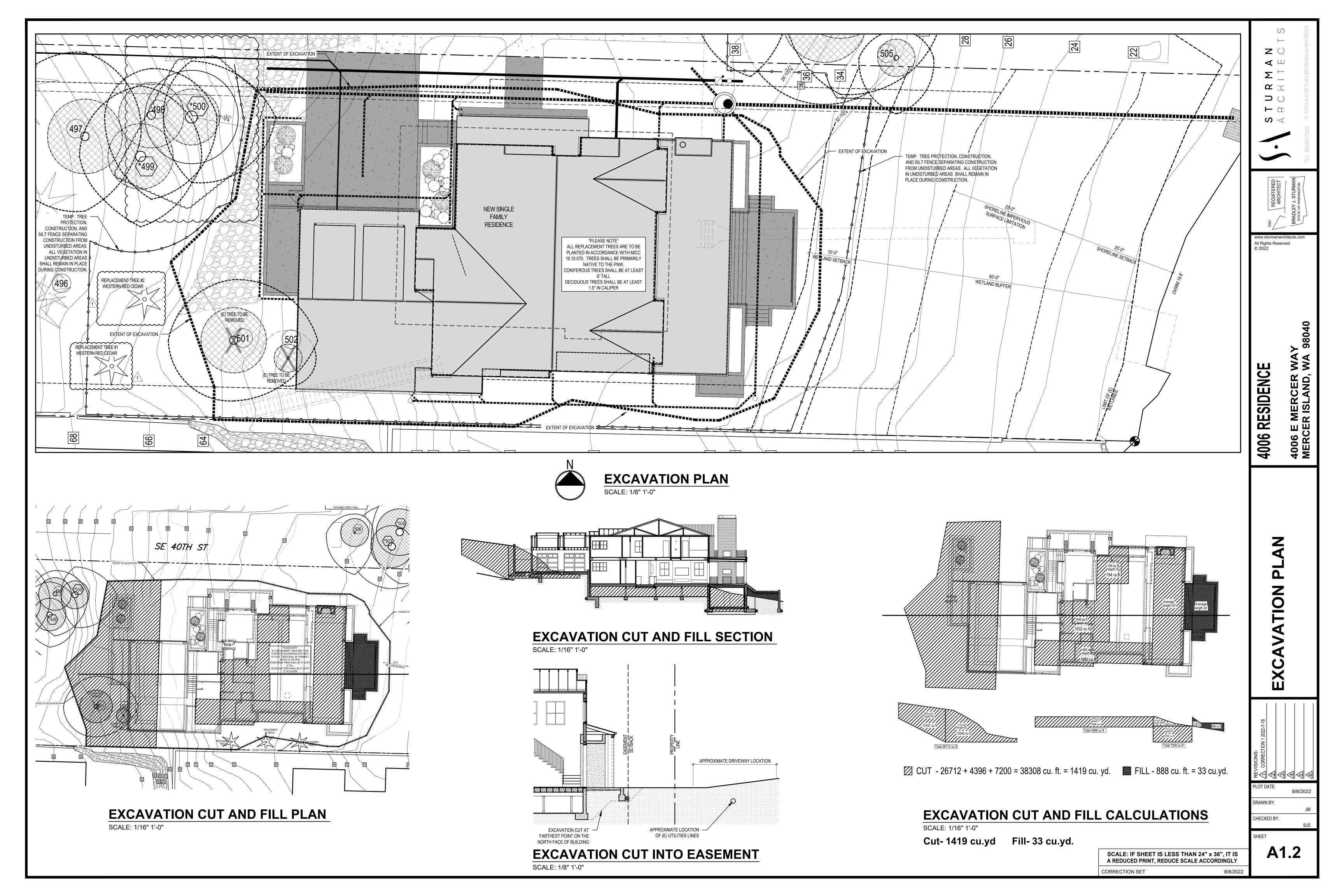
DRO IECT TEAM

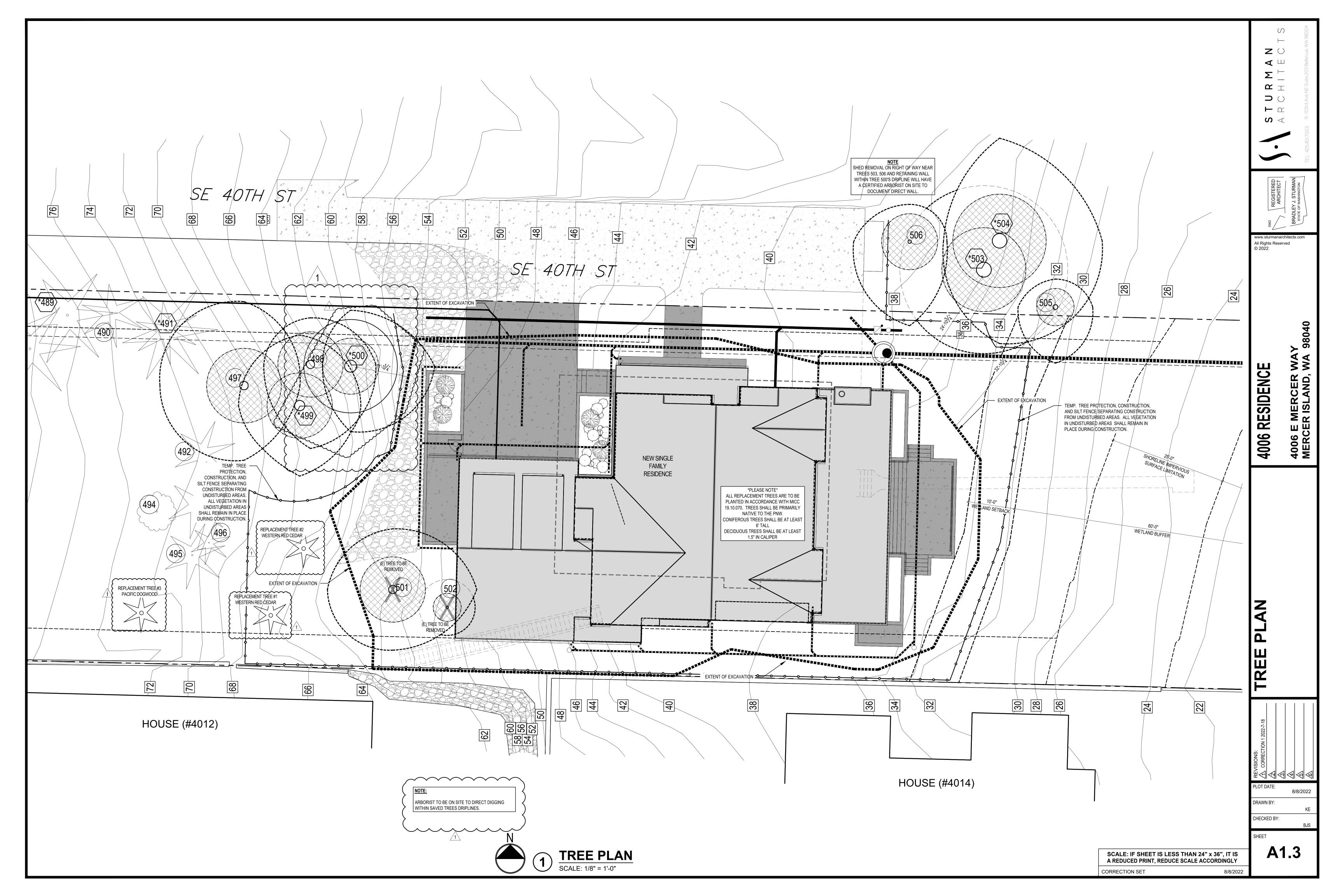
PROJE	ECT TEAM	PROJECT [DATA	SHEET INDEX
OWNER:	MITCHEL & WENDY MOUNGER 4006 E MERCER WAY MERCER ISLAND, WA 98040	PROJECT ADDRESS:	4006 E MERCER WAY MERCER ISLAND, WA 98040	T1.0TITLE SHEET AND PROJECT DATAT1.1SITE PLAN AND PROJECT DATA
	PHONE:	PROPERTY TAX ID NUMBER:	413190-005	A1.0 ENLARGED SITE PLAN A1.2 EXCAVATION PLAN
ARCHITECT:	STURMAN ARCHITECTS, INC. 9 - 103RD AVE NE SUITE 203 BELLEVUE, WA 98004 PHONE: 425.451.7003	SCOPE OF WORK:	DEMOLITION OF EXISTING SINGLE FAMILY HOME AND CONSTRUCTION OF NEW 2 STORY SINGLE FAMILY HOME WITH PARTIAL BASEMENT AND ATTACHED GARAGE ON EXISTING SINGLE FAMILY	A1.3 TREE PLAN A1.4 TREE PLAN SURVEY
	CONTACT: BRAD STURMAN		RESIDENTIAL LOT.	
STRUCTURAL:	ANNEE STRUCTURAL ENGINEERING LLC 1801 18TH AVE S.	ZONING:	R-9.6	C-1 T.E.S.C. PLAN C-2 DRAINAGE PLAN C-3 DETAILS
	SEATTLE, WA 98144	CONSTRUCTION TYPE:	TYPE V B	
	PHONE: 206.658.5169 CONTACT: MIKE ANNEE	SEISMIC ZONE:	3	W1 MITIGATION PLAN W2 PLANTING PLAN AND SCHEDULE
	CONTACT. MIRE ANNEL	NUMBER OF STORIES:	2 STORY	W3 MITIGATION DETAILS AND NOTES
CIVIL:	NICK BOSSOFF ENGINEERING, INC.	FIRE PROTECTION:	43D FIRE SPRINKLER SYSTEM	A2.0 LOWER FLOOR PLAN/ CRAWLSPACE
	191 NE TARI LANE STEVENSON, WA 98648 PHONE: 425.881.5904 CONTACT: NICK BOSSOFF	BUILDING HEIGHT	30 FT ABOVE AVERAGE BUILDING ELEVATION (FLAT ROOF) 35 FT ABOVE AVERAGE BUILDING ELEVATION (SLOPED ROOF)	 A2.1 MAIN FLOOR PLAN A2.2 UPPER FLOOR PLAN A2.3 ROOF PLAN A3.0 ELEVATIONS A3.1 ELEVATIONS
GEOTECH:	PANGEO INC.	LOT AREA:	36,116 SF	A4.0 BUILDING SECTION
	3213 EASTLAKE AVE E. SEATTLE, WA 98102 PHONE: 206.262.0370 CONTACT: MICHAEL XUE	SETBACKS:	FRONT LOT LINE=20 FTWATERFRONT LOT LINE=50 FTSIDE LOT LINES=15 FT,=5 FT MIN. EACH	A4.1BUILDING SECTIONA4.2BUILDING SECTIONA5.0WALL SECTIONA5.1WALL SECTIONA7.0INTERIOR STAIR
ECOLOGIST:	THE WATERSHED COMPANY 750 SIXTH STREET SOUTH KIRKLAND, WA 98033 PHONE: 425.822.5242	GROSS FLOOR AREA:	LESSER OF 40.0% LOT AREA OR 8,000 SF = 8,000 SF	 A7.1 INTERIOR STAIR A7.2 FIREPLACE DETAILS A7.3 DECK DRAINAGE AND EXTERIOR RAILINGS A8.0 DETAILS
	CONTACT: RYAN KAHLO	LEGAL DE	SCRIPTION	S1.0 STRUCTURAL NOTES S1.1 STRUCTURAL NOTES
ARBORIST:	ARBORINFO LLC 2406 N CASTLE WAY LYNNWOOD, WA 98036	PER STATUTORY WARRAN	ITY DEED REC. NO. 20200423001396	S2.0FOUNDATION PLANS2.1MAIN FLOOR FRAMINGS2.2UPPER FLOOR FRAMING
	PHONE: 206.300.9711 CONTACT: TOM HANSON		ON, ACCORDING TO THE PLAT THEREOF RECORDED IN GE 52, RECORDS OF KING COUNTY, WASHINGTON;	S2.3 ROOF FRAMING S3.0 STRUCTURAL DETAILS S3.1 STRUCTURAL DETAILS
INTERIOR DESIGNER:	SUSAN MARINELLO INTERIORS 119 SOUTH MAIN STREET, SUITE #300 SEATTLE, WA 98104	TOGETHER WITH SECOND THEREON.	CLASS SHORELANDS ADJACENT OR ABUTTING	S3.2STRUCTURAL DETAILSS3.3STRUCTURAL DETAILSS3.4STRUCTURAL DETAILS
	PHONE: 206.344.5551 CONTACT: SUSAN MARINELLO	SITUATE IN THE COUNTY C	DF KING, STATE OF WASHINGTON.	

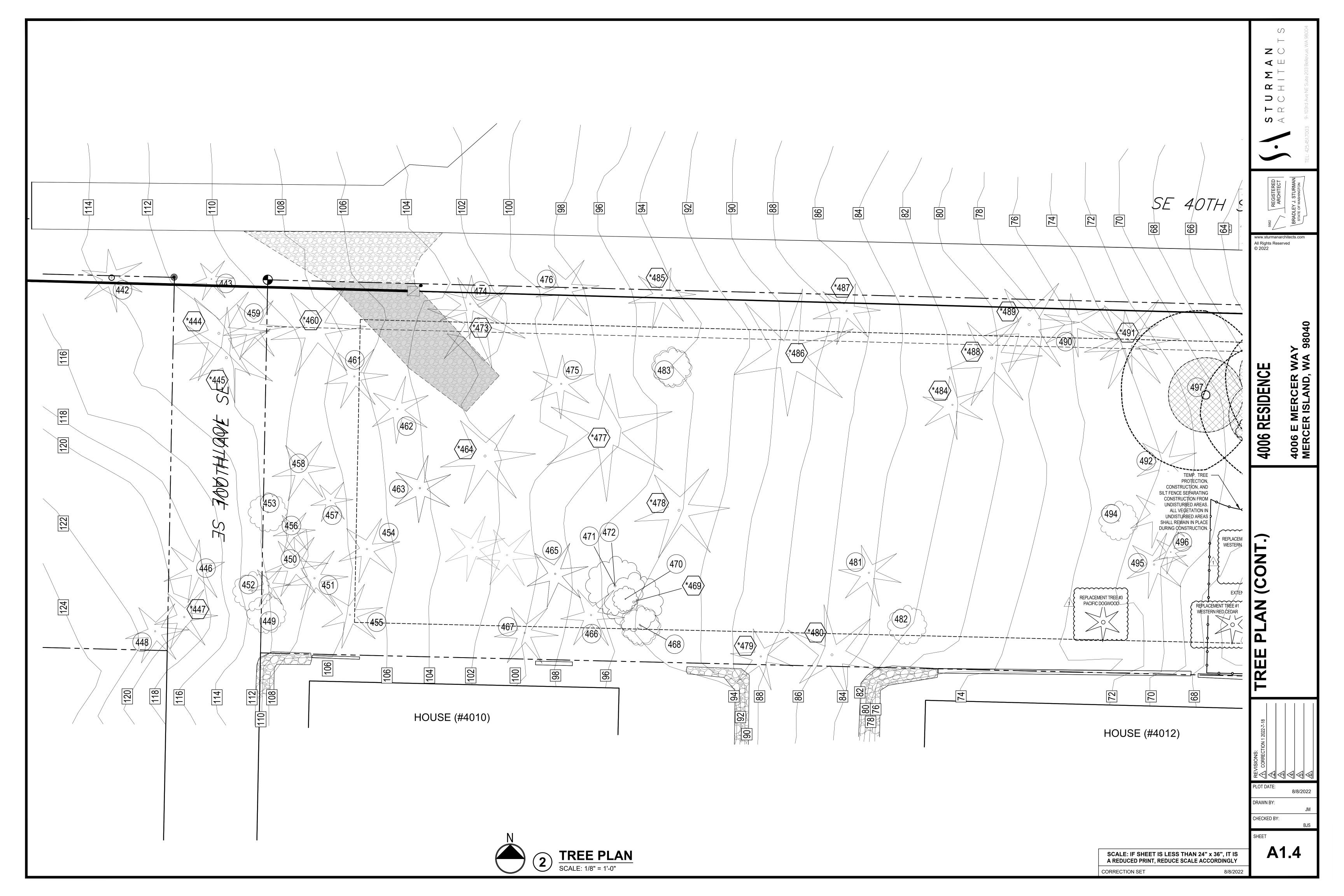
												GR	OS	S FL
	().5	5.2			EATING SY								PROPOSE FLOOR AR
·					STAR RAT PROPOAN	TED GAS OF NE WATER WITH MIN UI	R					BASEMEN	Т	8
J/HR 1					0.80									1,90
	1	1.5	3.5			RCE CENTR		NOXIOUS	WEED	REMOVAL	-	SECOND F		2,04
S PER		\sim	\sim	\sim				CLASS A, REGULATED CLASS	B, AND REGULATED (IEED (POLYGONUM CUSPIDATU CLASS C WEEDS IDENTIFIED OF IOVED FROM REQUIRED LANDS	N THE KING COUNTY	(+150%) 16' + OPEN		
ECOVERY).5	7.1		APPLIANC	AND INSTA CES (DISHW RATOR, WA	ASHER, 4	ESTABLISHED PURSUANT TO ASSOCIATED WITH NEW SING	SUBSECTION (F)(3)(A)) OF THIS SECTION. NEW LAND ALL NOT INCORPORATE ANY W DED. PROVIDED, THAT REMOV/	SCAPING EEDS IDENTIFIED ON	(+200%) GARAGE		98
ED ATTIC	Ş				MACHINE ENERGY \$, DRYER) SI STAR RATE NTLESS DR	HALL BE D. DRYER <	REQUIRED IF THE REMOVAL W	,	EASED SLOPE INSTABILITY OR		TOTAL		6,43
NED SPACE EAR FEET () INSULATIC	F C	TOTAL CREDIT	s s					SHORELI		ERVIOUS				TY N
0 SQUARE		6 CREDITS							~~~~					
TIONED								AREA OF ZONE: MAX IMPERVIOUS 10%	2,162.9 SF 216 SF	IMPERVIOUS IN 30% ZONE AREA OF ZONE: MAX IMPERVIOUS 30%	(<u>STRUCTURES ALLOWED)</u> 2,112.3 SF 633.7 SF	ke Inn 😲		
								 EXISTING WOOD BOAT RAMP EXISTING STEPS 	124.5 SF 0 SF	COVERED DECK (E) CONCRETE	553.1 SF 6.2 SF	Aubrey Davis Park		-1
ATED	BASEME		TDOOR	11	TACHED	GRAND TO	DTAL	EXISTING CONCRETE PAD EXISTING DOCK	16.9 SF 31.6 SF	(E) STEPS (E) HOUSE NEW SANDSET PAVERS	68.5 SF 413.2 SF 69.6 SF	SE 24th		er Island irk & Ride
8-TOTAL 4,900 SI	MECH/E	179 SF	OM 817 :		RAGE 923 SF	6,	819 SF		173 SF	TOTAL	763 SF (25.0%)	Metropolita Mer	an Mark cer Islar	et 🖓 🕻
CAP	E											1		
	TALLOT	N/LOT		ST EL: 112.8 ST EL: 18.0'				1						e SE
	TAL LOT VERAGE C	% LOT OVERAGE	ELEVA	TION DIFFE	ERENCE= 94.5' 460.4' (HORIZ. [DIST. BTWN						Are car was		78th Ave SE
422 SF	5,661 SF	15.7 %	HIGHE		ST ELEV.) = .20									
	12,641 SF .OWABLE	35 %	WHICH	I IS LESS TI	HAN 30% BUT N GE ALLOWED IS		15%							-5
					DF LOT SIZE WI DSCAPE SURF.		INE							
422 SF	5,661 SF	29.5 %												
ALI	6,717 SF OWABLE	35 %)				-							
C/GARBAGE PAD	EXISTING DOCK			ER/CONC	TOTAL HARDSCAPE	% HARDSCAPI	_							
	DOOK			NUCKEIN										
161 SF	32 SF	771 SF		113 SF	1,631 SF	4.5 %								
					3,250.4 SF ALLOWABLE	9 %								Crousia
\sim	\sim		\vdash	$ \frown $	6,836 SF AVAILABLE	\sim								
161 SF	32 SF	771 SF		113 SF	1.631 SF	8.5 %								
101 55	52 SF	11135		115 SF	1,727.3 SF	9 %	$\left \right\rangle$							
					ALLOWABLE 2,783.3 SF AVAILABLE		}							
								ES						
				CODE:		2018 W.S	S.E.C. & 2015	5 IRC, WAC 51-11R CLIMATIC 2		#4C -MARINE				
				INSULA	HEAT TYPE: TION VALUES:	WALLS:	L GAS, FOR	FO R-21	standards unlimi R openings:	TED OPTION				
				PRESCI	RIPTIVE METHO	VAULTEI FLOORS	D CEILINGS:							
						INCLUDE	THE FOLLOW	CERTIFICATE IS REQUIRED TO BE F W: PREDOMINATE R-VALUES, U-VAL LOPE AIR LEAKAGE TESTING, AND F	UES OF FENESTRATIO	N, RESULTS FROM DUCT SYSTE				
				AIR INF	FILTRATION:	EQUIPME	NT.	DRS/WINDOWS: CONFORM TO SEC					WHOLE HO	OUSE VENTIL
						JOINTS A	ROUND WIN	PENINGS: SEAL, CAULK, GASKET OF DOW AND DOOR FRAMES, OPENING	GS BETWEEN WALLS A	ND FOUNDATION, BETWEEN WA		ATION:	INTER	LE HOUSE VE RMITTENTLY NECTED TO A
				MOIST	URE CONTROL:	BUILDING	ENVELOPE	GS AT PENETRATIONS OF UTILITY S			: ON		b. SYST AIR S	BLE TO OPER EM SHALL H/ STREAM 4' UP
				MOIST	URE CONTROL.	CENTER A	ND AND WI	TH A GAP BETWEEN AND OVER FR. PERM CUP RATING (4 MIL POLYETH)	AMING NOT GREATER				d. FRES OR A	L HAVE A FIL HAIR VENT S PPLIANCE VE ES, AND GAF
						ATTICS/CI		POR RETARDER OF ONE PERM CU	P RATING (4 MIL POLYE	THYLENE). INSTALL			e. AIRF	LOW FOR WH
				VENTIL	_ATION:	ATTICS W	ITH LOOSE	. POLYETHELENE FILL: N.A. BAFFLE VENT OPENINGS RAFTER SPACES: PROVIDE MINIMU			PLUMBI		ALL TOILE	BING FIXTURE TS 1.6 GPM M EADS <1.75 (
						INSULATIO MINIMUM	ON. TAPER OF R-38.	OR COMPRESS INSULATION AT PER	RIMETER TO INSURE PI	ROPER VENTILATION, MAINTAINI	NG			ES < 1.0 GPM
					NG & COOLING:	86,692 BT	J/HR	IL-FIRED FURNACE WITH A MINIMUI			FIT			
					JUNI NUL.	AND OF C SETBACK	PERATING TYPE.	THE HEATING/COOLING SYSTEM IN	SEQUENCE. THERMOS	STAT TO BE AUTOMATIC DAY/NIC				
				DUCT I	INSULATION:	THE WAS	HINGTON ST	'E ALL PLENUMS, DUCTS AND ENCL TATE ENERGY CODE. CTS IN UNCONDITIONED SPACES S						
						JOINTS S b. DUCT	HALL BE TAR S WITHIN A	PED, SEALED AND FASTENED WITH CONCRETE SLAB OR IN THE GROU	THE MINIMUM OF FAS	TENERS PER WSEC.				
				LIGHTII	NG:	RECESSE AND SHAL	D LIGHTING L BE IC LIS	ED BELOW GRADE. FIXTURES INSTALLED IN BUILDING TED. A MIN. OF 75% OF PERMANEN	TLY INSTALLED LAMPS					
				PIPE IN	SULATION:	ALL HOT \	WATER PIPE	MUST BE HIGH-EFFICACY LAMPS, P ES, AND NON-RECIRCULATING COLI D TO R 3 MIN. BLUMBING OR MECHA	O WATER PIPES LOCAT	,				
						JUALL BE	INCOLATED) TO R-3 MIN. PLUMBING OR MECHA	UNIONE ORIVINO I DISPLA					

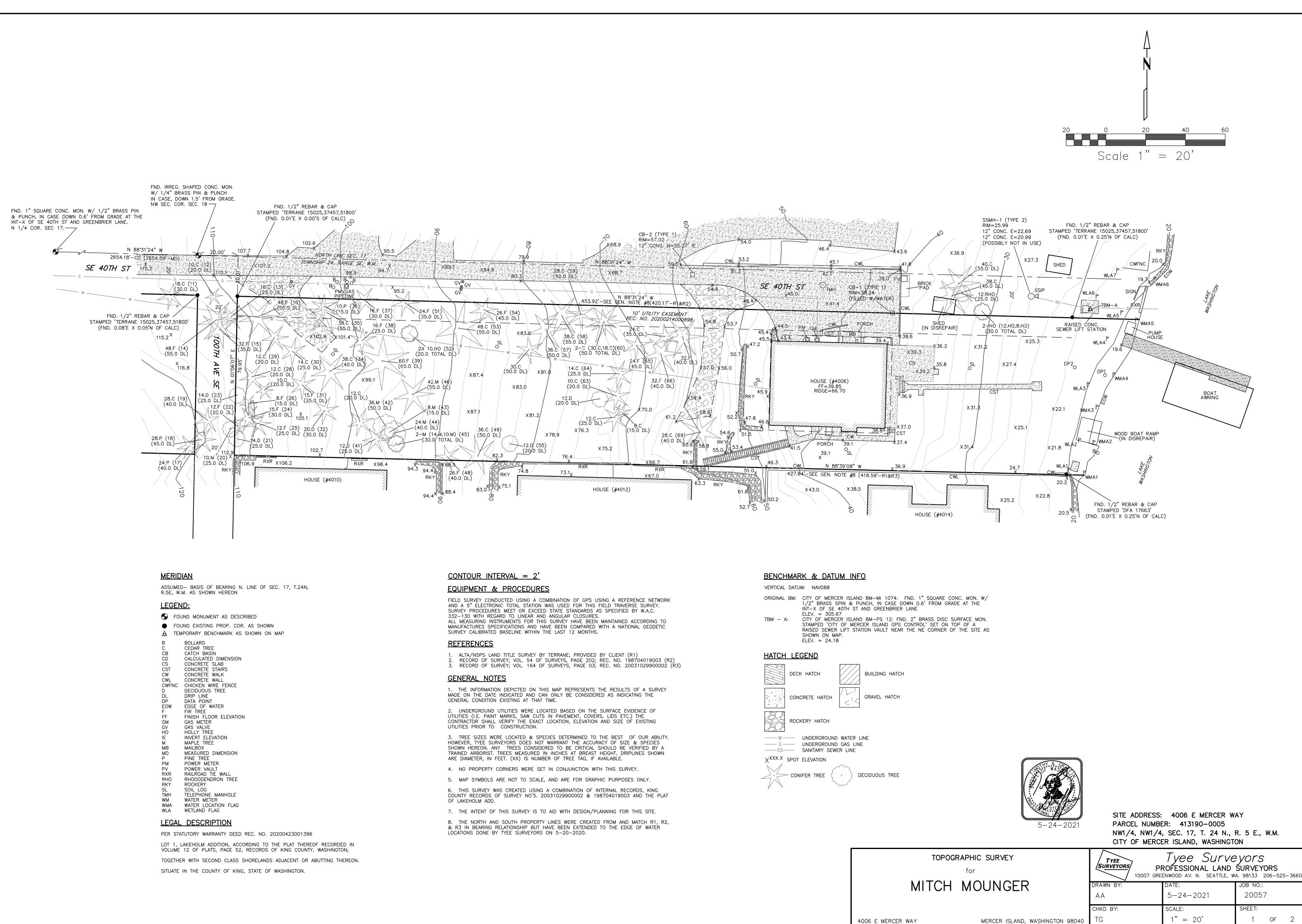


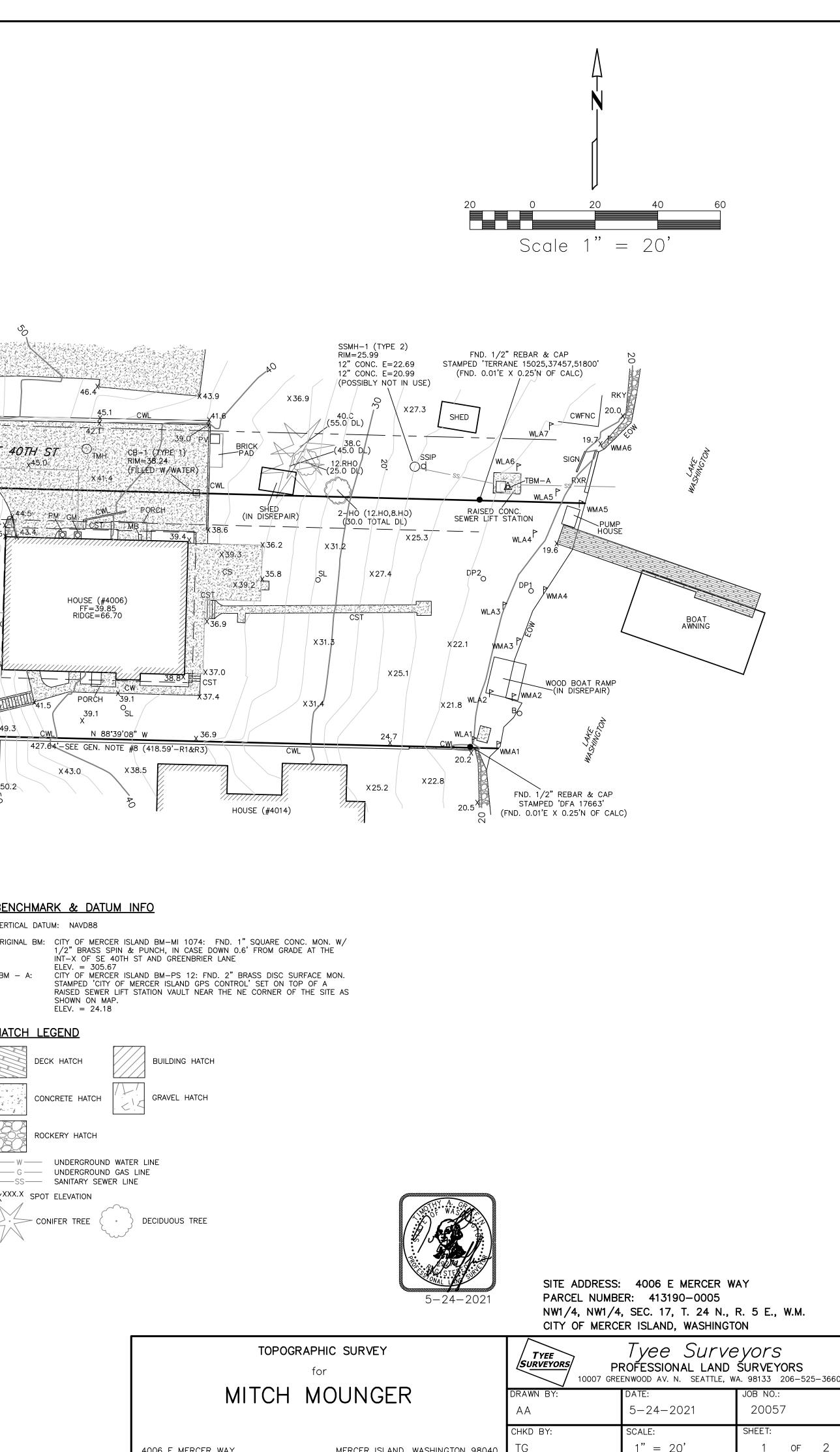


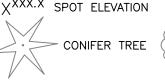


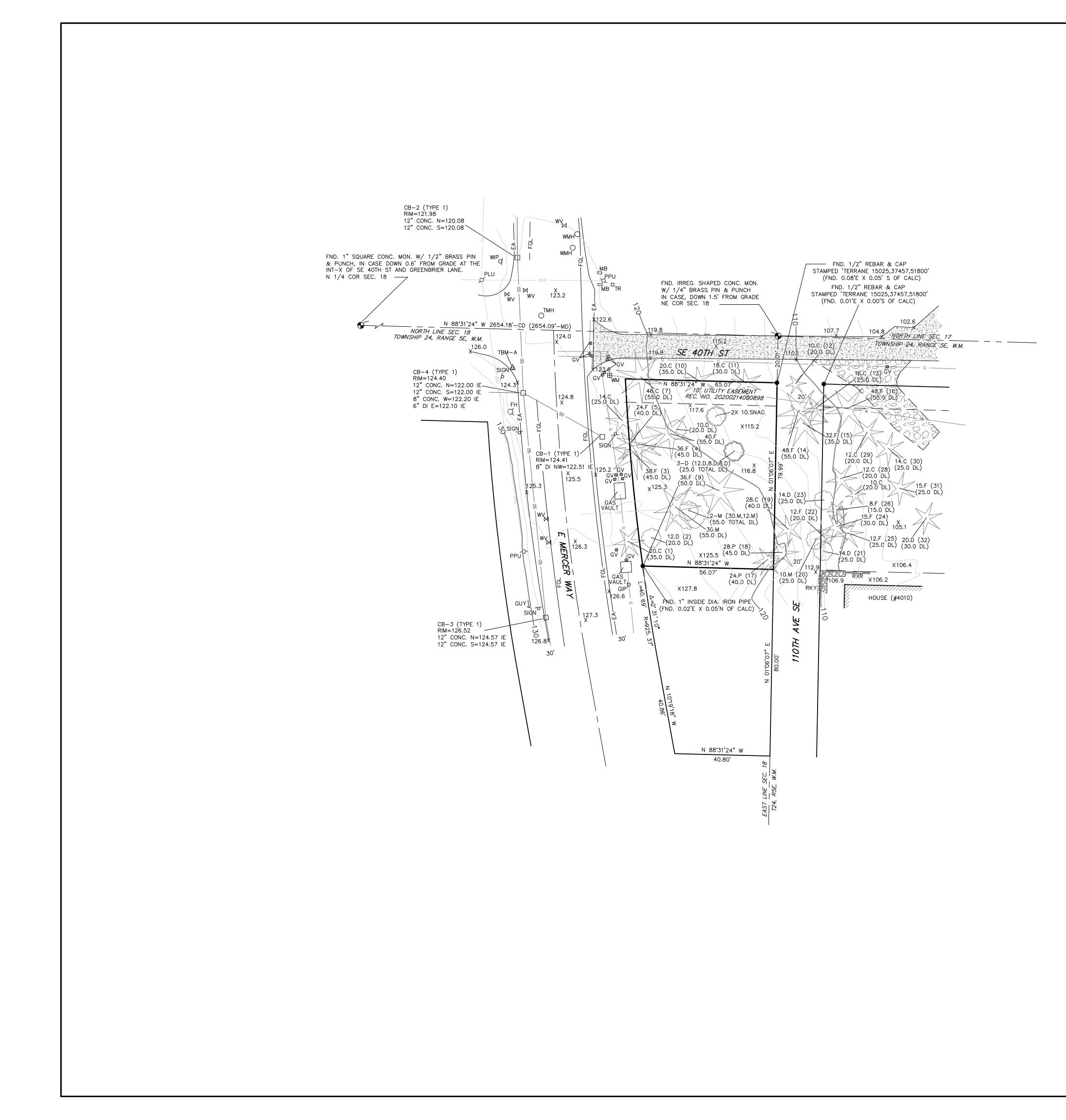




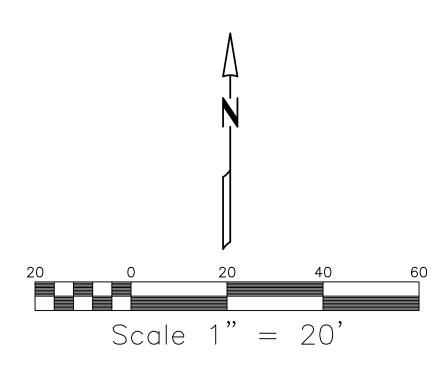












<u>MERIDIAN</u>

HEREON

ASSUME	D- BASIS OF BEARING I	N. LINE OF	SEC. 18	, T.24N,	R.5E,	W.M.	AS	SHOWN	
<u>LEGEN</u>	ID:								
🕒 FOL	JND MONUMENT AS DES	CRIBED							
FOL	JND EXISTING PROP. CO	R. AS SHO	WN						
A TEM	IPORARY BENCHMARK AS	S SHOWN C	N MAP						
C CB CD DL EA F FGL GIP GUY GV IE MB	CEDAR TREE CATCH BASIN CALCULATED DIMENSION DECIDUOUS TREE DRIP LINE EDGE ASPHALT FIR TREE FOG LINE GAS INDICATOR POST GUY WIRE GAS VALVE INVERT ELEVATION MAPLE TREE MAILBOX	MD P PPU PPL PV RXR RHO RKY TMH TR WIP WM	PINE TI POWER POWER POWER POWER RAILRO/ RHODOI ROCKEF TELEPH TELEPH	METER POLE V POLE V VAULT AD TIE V DENDROM RY ONE MA ONE RIS INDICATO	V/UNDI V/LIGH V/LIGH VALL N TREE NHOLE SER	ERGND T T + l		ERGND.	
	ROCKERY HATCH	BL	JILDING H	ATCH					
	CONCRETE HATCH	GF	RAVEL HAT	ГСН					
UGF OHF G - W -	OVERHEAD POWE	IR LINE GAS LINE	:						
$X^{XXX.X}$	SPOT ELEVATION								
M	- CONIFER TREE		DUOUS TR	EE					

<u>CONTOUR INTERVAL = 2'</u>

BENCHMARK & DATUM INFO

VERTICAL DATUM: NAVD88

VENTICAL DATO	
ORIGINAL BM:	CITY OF MERCER ISLAND BM-MI 1074: FND. 1" SQUARE CONC. MON. W/ $1/2$ " BRASS SPIN & PUNCH, IN CASE DOWN 0.6' FROM GRADE AT THE INT-X OF SE 40TH ST AND GREENBRIER LANE ELEV. = 305.67
TBM — A:	MAG NAIL SET AT IN THE SW QUAD OF THE INT-X OF E MERCER WAY & SE 40TH ST. ELEV. = 124.31

LEGAL DESCRIPTION

(PER FIDELITY NATIONAL TITLE COMPANY EXHIBIT 'A', ORDER NO. 611232976) THE NORTH 80 FEET OF THE SOUTH 160 FEET OF THE NORTH 180 FEET OF THAT PORTION

OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 18, TOWNSHIP 24 NORTH, RANGE 5 EAST, W.M., IN KING COUNTY, WASHINGTON, LYING EAST OF EAST MERCER WAY.

<u>GENERAL NOTES</u>

1. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION EXISTING AT THAT TIME.

2. UNDERGROUND UTILITIES WERE LOCATED BASED ON THE SURFACE EVIDENCE OF UTILITIES (I.E. PAINT MARKS, SAW CUTS IN PAVEMENT, COVERS, LIDS ETC.) THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

3. TREE SIZES WERE LOCATED & SPECIES DETERMINED TO THE BEST OF OUR ABILITY. HOWEVER, TYEE SURVEYORS DOES NOT WARRANT THE ACCURACY OF SIZE & SPECIES SHOWN HEREON. ANY TREES CONSIDERED TO BE CRITICAL SHOULD BE VERIFIED BY A TRAINED ARBORIST.

4. TREE SIZES MEASURED IN INCHES AT BREAST HEIGHT. DL = DRIP LINE DIAMETER IN FEET WITH A DESIGNATION OF (XX) FOR THE TREE TAG NUMBER IF MARKED ON TREE

5. NO PROPERTY CORNERS WERE SET IN CONJUNCTION WITH THIS SURVEY.

6. MAP SYMBOLS ARE NOT TO SCALE, AND ARE FOR GRAPHIC PURPOSES ONLY.

7. THIS SURVEY WAS CREATED USING A COMBINATION OF INTERNAL RECORDS AND KING COUNTY RECORDS OF SURVEY NO'S. 20031029900002 & 198704019003.

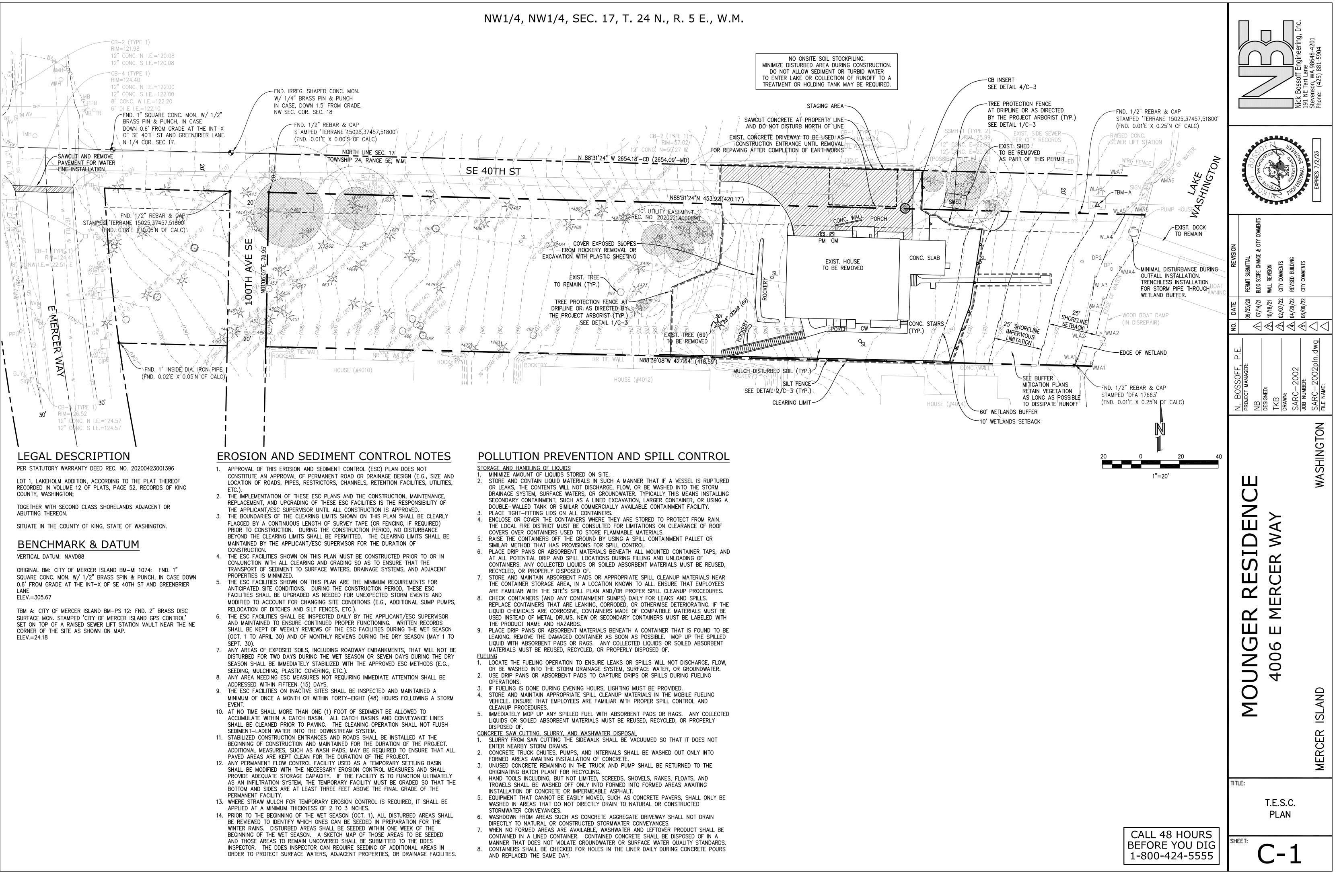
8. THE INTENT OF THIS SURVEY IS TO AID WITH DESIGN/PLANNING FOR THIS SITE.

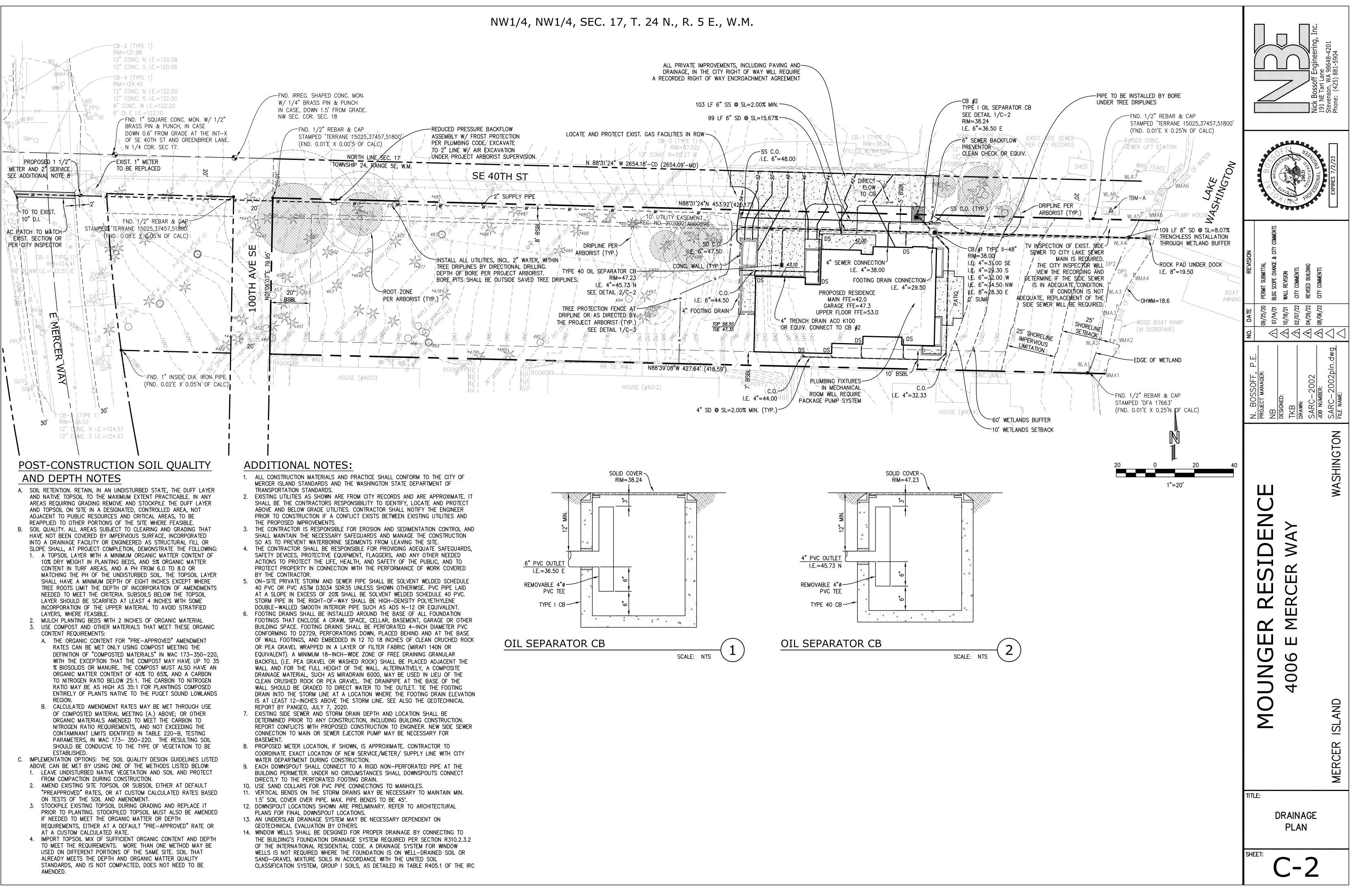
EQUIPMENT & PROCEDURES

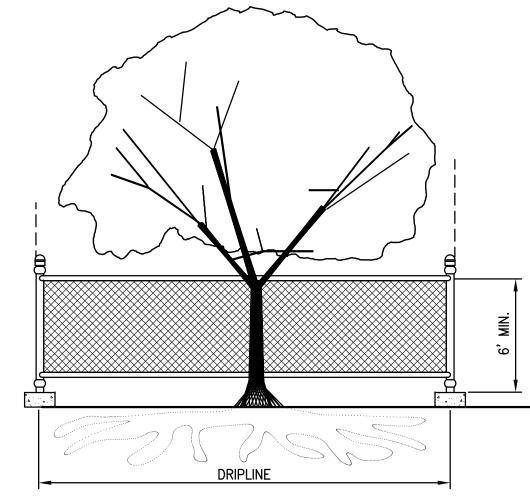
FIELD SURVEY CONDUCTED USING A COMBINATION OF GPS USING A REFERENCE NETWORK AND A 5" ELECTRONIC TOTAL STATION WAS USED FOR THIS FIELD TRAVERSE SURVEY. SURVEY PROCEDURES MEET OR EXCEED STATE STANDARDS AS SPECIFIED BY W.A.C. 332-130 WITH REGARD TO LINEAR AND ANGULAR CLOSURES. ALL MEASURING INSTRUMENTS FOR THIS SURVEY HAVE BEEN MAINTAINED ACCORDING TO MANUFACTURES SPECIFICATIONS AND HAVE BEEN COMPARED WITH A NATIONAL GEODETIC SURVEY CALIBRATED BASELINE WITHIN THE LAST 12 MONTHS.

PARCEL NUMBER: 182405–9028	
NE1/4, NE1/4, SEC. 18, T. 24 N., R. 5 E., W	/.M
CITY OF MERCER ISLAND, WASHINGTON	

	for	Tyee Surveyors PROFESSIONAL LAND SURVEYORS 10007 GREENWOOD AV. N. SEATTLE, WA. 98133 206-525-3660				
MITCH	MOUNGER	DRAWN BY:	DATE:	JOB NO.:		
		АА	5-24-2021	20057		
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WAY	MERCER ISLAND, WASHINGTON 98040	TG	1" = 20'	2 OF 2		





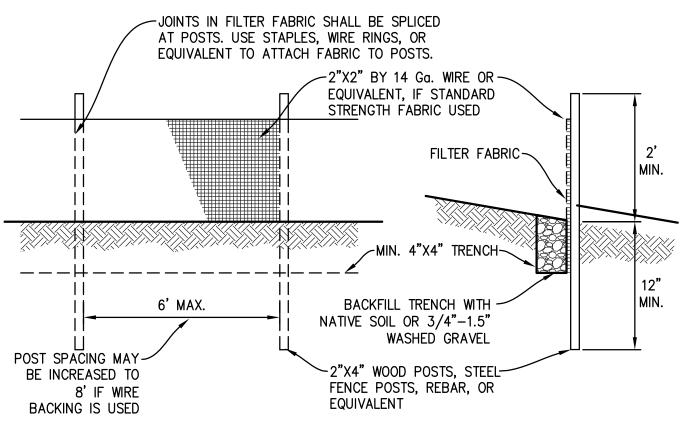


TREE PROTECTION DURING CONSTRUCTION

- 1. 6-FT. HIGH TEMPORARY CHAIN LINK FENCE SHALL BE PLACED AT THE DRIPLINE OF THE TREE TO BE SAVED. FENCE SHALL COMPLETELY ENCIRCLE THE TREE(S). INSTALL FENCE POSTS USING PIER BLOCKS ONLY. AVOID DRIVING POSTS OR STAKES INTO MAJOR ROOTS.
- 2. FOR ROOTS OVER 1-IN DIA. THAT ARE DAMAGED DURING CONSTRUCTION, MAKE A CLEAN, STRAIGHT CUT TO REMOVE THE DAMAGED PORTION. ALL EXPOSED ROOTS SHALL BE TEMPORARILY COVERED WITH DAMP BURLAP TO PREVENT DRYING, AND SHALL BE COVERED WITH SOIL AS SOON AS POSSIBLE. 3. WORK WITHIN PROTECTION FENCE SHALL BE DONE MANUALLY. NO STOCKPILING OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MACHINERY SHALL BE ALLOWED WITHIN THE

LIMIT OF THE FENCING. TREE PROTECTION

		1
SCALE:	NTS	Т



NOTE: FILTER FABRIC FENCE SHALL BE INSTALLED ALONG CONTOUR WHENEVER POSSIBLE.

MAINTENANCE STANDARDS

- ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY.
- CONVEYED TO A SEDIMENT TRAP OR POND.
- FENCE. IF THIS OCCUR, REPLACE THE FENCE AND/OR REMOVE THE TRAPPED SEDIMENT.
- SEDIMENT MUST BE REMOVED WHEN THE SEDIMENT IS 6" HIGH.

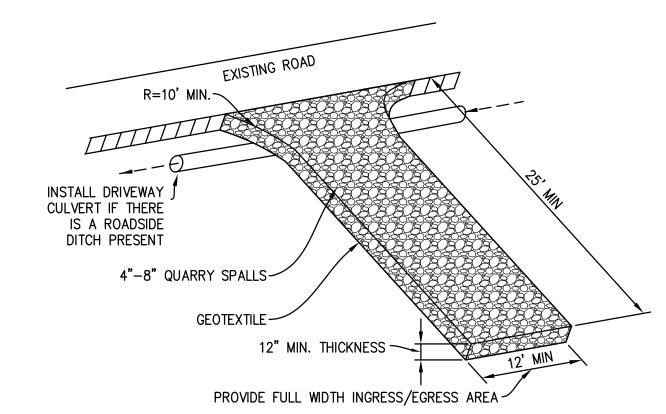
SILT FENCE

2. IF CONCENTRATED FLOWS ARE EVIDENT UPHILL OF THE FENCE, THEY MUST BE INTERCEPTED AND

3. IT IS IMPORTANT TO CHECK THE UPHILL SIDE OF THE FENCE FOR SIGN OF THE FENCE CLOGGING AND ACTING AS A BARRIER TO FLOW AND THEN CAUSING CHANNELIZATION OF FLOWS PARALLEL TO THE

5. IF THE FILTER FABRIC HAS DETERIORATED DUE TO ULTRAVIOLET BREAKDOWN, IT SHALL BE REPLACED.

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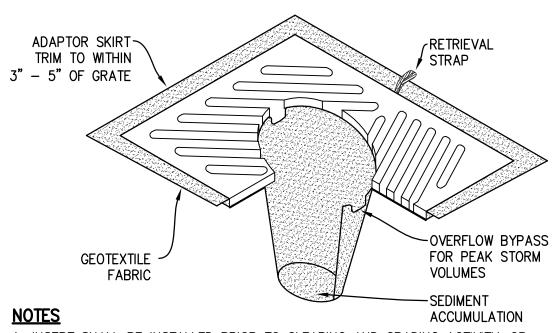


MAINTENANCE STANDARDS

- 1. QUARRY SPALLS (OR HOG FUEL) SHALL BE ADDED IF THE PAD IS NO LONGER IN ACCORDANCE WITH THE SPECIFICATIONS.
- SPECIFICATIONS.
 IF THE ENTRANCE IS NOT PREVENTING SEDIMENT FROM BEING TRACKED ONTO PAVEMENT, THEN ALTERNATIVE MEASURES TO KEEP THE STREETS FREE OF SEDIMENT SHALL BE USED. THIS MAY INCLUDE STREET SWEEPING, AN INCREASE IN THE DIMENSIONS OF THE ENTRANCE, OR THE INSTALLATION OF A WHEEL WASH. IF WASHING IS USED, IT SHALL BE DONE ON AN AREA COVERED WITH CRUSHED ROCK, AND WASH WATER SHALL DRAIN TO A SEDIMENT TRAP OR POND.
 ANY SEDIMENT THAT IS TRACKED ONTO PAVEMENT SHALL BE REMOVED IMMEDIATELY BY SWEEPING. THE SEDIMENT COLLECTED BY SWEEPING SHALL BE REMOVED OR STABILIZED ON-SITE. THE PAVEMENT SHALL NOT BE CLEANED BY WASHING DOWN THE STREET, EXCEPT WHEN SWEEPING IS INEFFECTIVE AND THERE IS A THREAT TO PUBLIC SAFETY. IF IT IS NECESSARY TO WASH THE STREET, THE CONSTRUCTION OF A SMALL SUMP SHALL BE CONSIDERED. THE SEDIMENT WOULD THEN BE WASHED INTO THE SUMP.
 ANY ROCK SPALLS THAT ARE LOOSENED FROM THE PAD AND END UP ON THE ROADWAY SHALL BE REMOVED IMMEDIATELY.
- REMOVED IMMEDIATELY. 5. IF VEHICLES ARE ENTERING OR EXITING THE SITE AT POINTS OTHER THAN THE CONSTRUCTION ENTRANCE(S), FENCING (SECTION 5.4.1) SHALL BE INSTALLED TO CONTROL TRAFFIC.
- ROCK CONSTRUCTION ENTRANCE

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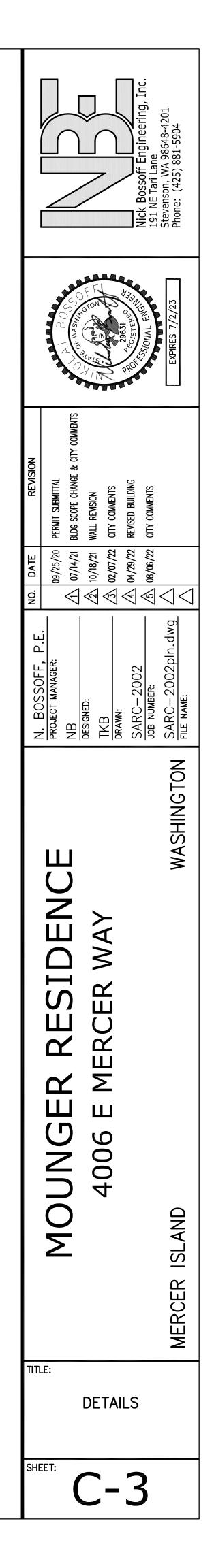
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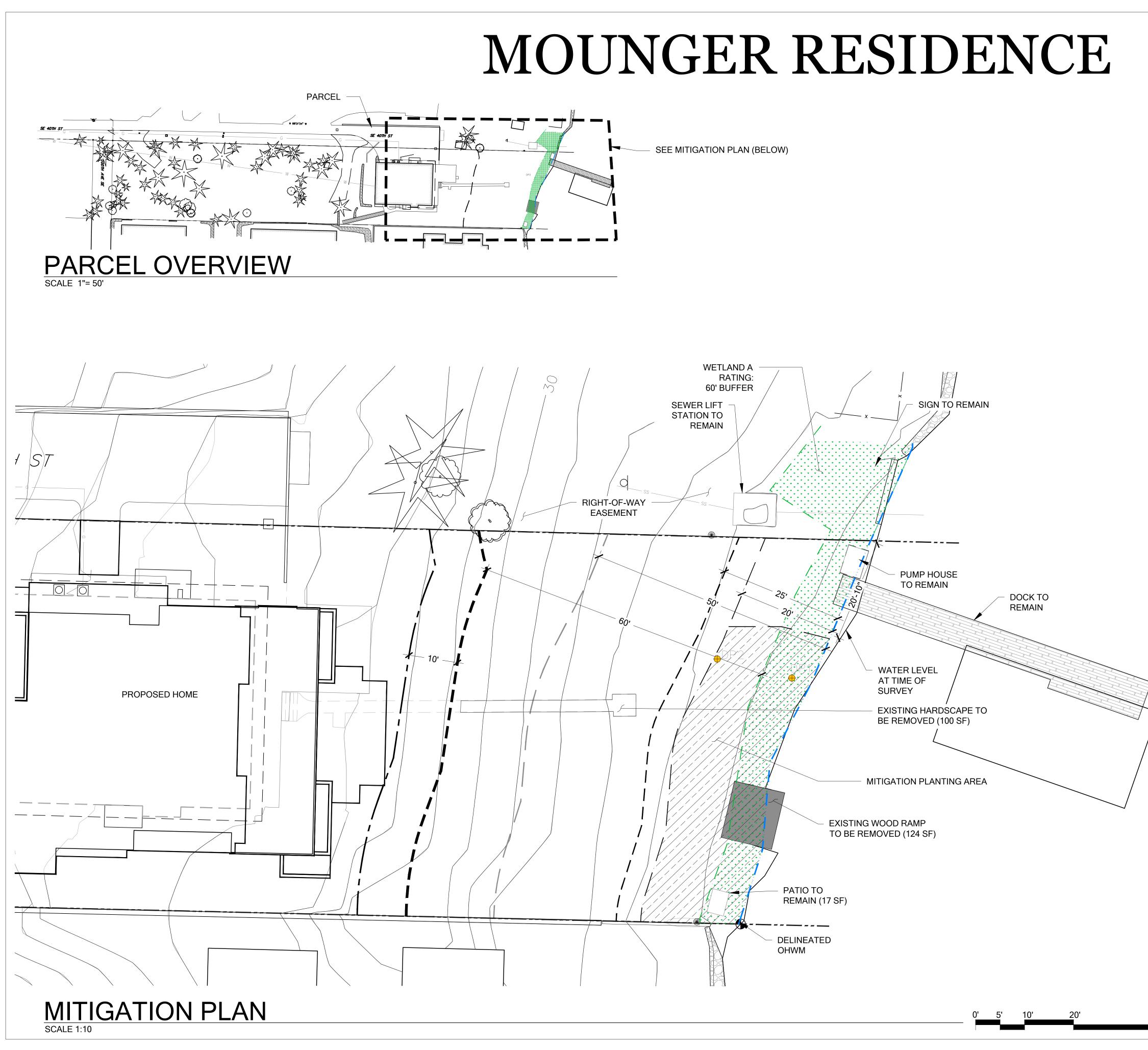


- 1. INSERT SHALL BE INSTALLED PRIOR TO CLEARING AND GRADING ACTIVITY, OR UPON PLACEMENT OF A NEW CATCH BASIN.
- 2. SEDIMENT SHALL BE REMOVED FROM THE UNIT WHEN IT BECOMES HALF FULL.
- 3. SEDIMENT REMOVAL SHALL BE ACCOMPLISHED BY REMOVING THE INSERT, EMPTYING, AND RE-INSERTING IT INTO THE CATCH BASIN.

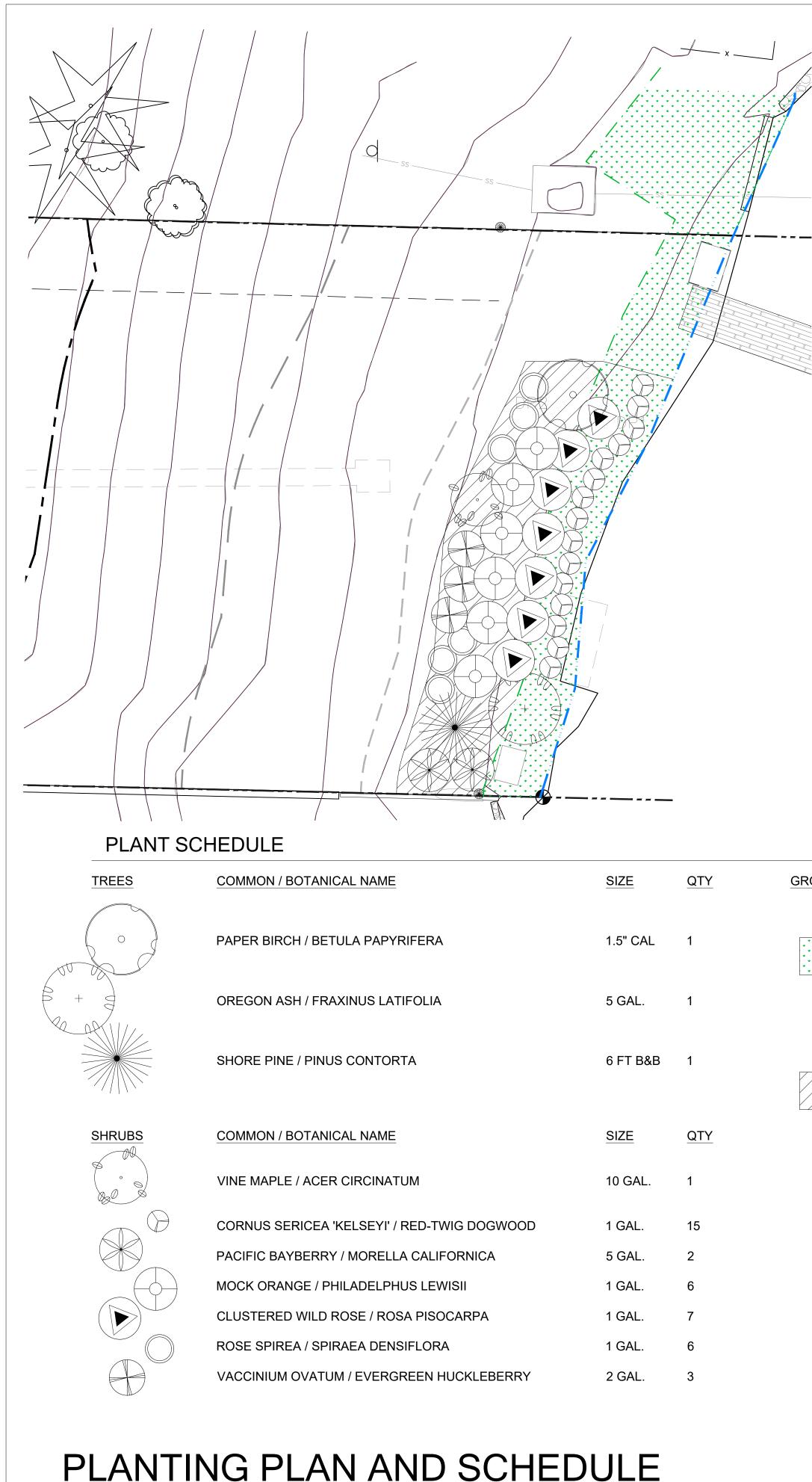
CB INSERT

4 SCALE: NTS





LEGEND ————————————————————————————————————	THE WATERSHED COMPANY 750 Sixth Street South Kirkland WA 98033 p 425.822.5242 www.watershedco.com Science & Design
 DP# DATA POINT WLA# P WETLAND FLAGS DELINEATED WETLAND BOUNDARY SHORELINE SETBACK (50 FT) SHORELINE BUFFER (25 FT) WETLAND BUFFER (60 FT) WETLAND BUFFER BSBL 	SIDENCE ATION PLAN AD STURMAN CER WAY WA 98040
MITIGATION LEGEND PRE-EXISTING IMPACT IN WETLAND 20' SHORELINE ENHANCEMENT (770 SF) SHORELINE ENHANCEMENT OVER SHORELINE ENHANCEMENT OVER WETLAND (481 SF) 1. TOTAL AREA WITHIN 20 FT OF THE OHWM = 1,668 SF 2. TOTAL PLANTED SHORELINE AREA = 75% = 1,251 SF 3. TOTAL ACCESS AREA = 25% = 417 SF	MOUNGER RESII SHORELINE MITIGATI PREPARED FOR: BRAD 4006 EAST MERCER MERCER ISLAND, WA
 STOTAL ACCESS AREA = 25% = 417 SF SHEET INDEX MITIGATION PLAN AND PARCEL OVERVIEWE HANTING PLAN AND PARCEL OVERVIEWE MITIGATION DETAILS AND NOTES MITIGATION DETAILS AND NOTES MITIGATION DETAILS AND NOTES SITE PLAN PROVIDED BY STURMAN ARCHITECTS; 103RD AVENUE NE, SUITE 203, BELLEVUE, WA 98004 (425) 451-7003 INDERSITE AND AND AND AND AND AND AND AND AND AND	Image: Substitution of the second of the
NOT FOR CONSTRUCTION © Copyright- The Watershed Company	JOB NUMBER: 200509 SHEET NUMBER: W1 OF 3



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PLANT INSTALLATION SPECIFICATIONS

GENERAL NOTES

QUALITY ASSURANCE

- PLANTS SHALL MEET OR EXCEED THE SPECIFICATIONS OF FEDERAL, STATE, AND LOCAL LAWS REQUIRING INSPECTION FOR PLANT DISEASE AND INSECT CONTROL.
- PLANTS SHALL BE HEALTHY, VIGOROUS, AND WELL-FORMED, WITH WELL DEVELOPED, FIBROUS ROOT SYSTEMS, FREE FROM DEAD BRANCHES OR ROOTS. PLANTS SHALL BE FREE FROM DAMAGE CAUSED BY TEMPERATURE EXTREMES, LACK OR EXCESS OF MOISTURE, INSECTS, DISEASE, AND MECHANICAL INJURY. PLANTS IN LEAF SHALL BE WELL FOLIATED AND OF GOOD COLOR. PLANTS SHALL BE HABITUATED TO THE OUTDOOR ENVIRONMENTAL CONDITIONS INTO WHICH THEY WILL BE PLANTED (HARDENED-OFF).
- TREES WITH DAMAGED, CROOKED, MULTIPLE OR BROKEN LEADERS WILL BE REJECTED. WOODY PLANTS WITH ABRASIONS OF THE BARK OR SUN SCALD WILL BE REJECTED. NOMENCLATURE: PLANT NAMES SHALL CONFORM TO FLORA OF THE PACIFIC NORTHWEST BY HITCHCOCK AND 4
- CRONQUIST, UNIVERSITY OF WASHINGTON PRESS, 1973 AND/OR TO A FIELD GUIDE TO THE COMMON WETLAND PLANTS OF WESTERN WASHINGTON & NORTHWESTERN OREGON, ED. SARAH SPEAR COOKE, SEATTLE AUDUBON SOCIETY, 1997.

DEFINITIONS

1. PLANTS/PLANT MATERIALS. PLANTS AND PLANT MATERIALS SHALL INCLUDE ANY LIVE PLANT MATERIAL USED ON THE PROJECT. THIS INCLUDES BUT IS NOT LIMITED TO CONTAINER GROWN, B&B OR BAREROOT PLANTS; LIVE STAKES AND FASCINES (WATTLES); TUBERS, CORMS, BULBS, ETC..; SPRIGS, PLUGS, AND LINERS. 2. CONTAINER GROWN. CONTAINER GROWN PLANTS ARE THOSE WHOSE ROOTBALLS ARE ENCLOSED IN A POT OR BAG IN WHICH THAT PLANT GREW.

- SUBSTITUTIONS 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN SPECIFIED MATERIALS IN ADVANCE IF SPECIAL GROWING,
- MARKETING OR OTHER ARRANGEMENTS MUST BE MADE IN ORDER TO SUPPLY SPECIFIED MATERIALS. 2 SUBSTITUTION OF PLANT MATERIALS NOT ON THE PROJECT LIST WILL NOT BE PERMITTED UNLESS AUTHORIZED IN WRITING BY THE RESTORATION CONSULTANT.
- IF PROOF IS SUBMITTED THAT ANY PLANT MATERIAL SPECIFIED IS NOT OBTAINABLE. A PROPOSAL WILL BE 3 CONSIDERED FOR USE OF THE NEAREST EQUIVALENT SIZE OR ALTERNATIVE SPECIES, WITH CORRESPONDING ADJUSTMENT OF CONTRACT PRICE.
- SUCH PROOF WILL BE SUBSTANTIATED AND SUBMITTED IN WRITING TO THE CONSULTANT AT LEAST 30 DAYS 4. PRIOR TO START OF WORK UNDER THIS SECTION.

INSPECTION

- 1. PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE RESTORATION CONSULTANT FOR CONFORMANCE TO SPECIFICATIONS, EITHER AT TIME OF DELIVERY ON-SITE OR AT THE GROWER'S NURSERY. APPROVAL OF PLANT MATERIALS AT ANY TIME SHALL NOT IMPAIR THE SUBSEQUENT RIGHT OF INSPECTION AND REJECTION DURING PROGRESS OF THE WORK.
- 2. PLANTS INSPECTED ON SITE AND REJECTED FOR NOT MEETING SPECIFICATIONS MUST BE REMOVED
- IMMEDIATELY FROM SITE OR RED-TAGGED AND REMOVED AS SOON AS POSSIBLE. THE RESTORATION CONSULTANT MAY ELECT TO INSPECT PLANT MATERIALS AT THE PLACE OF GROWTH. AFTER 3 INSPECTION AND ACCEPTANCE, THE RESTORATION CONSULTANT MAY REQUIRE THE INSPECTED PLANTS BE LABELED AND RESERVED FOR PROJECT. SUBSTITUTION OF THESE PLANTS WITH OTHER INDIVIDUALS, EVEN OF THE SAME SPECIES AND SIZE, IS UNACCEPTABLE.

MEASUREMENT OF PLANTS

- 1. PLANTS SHALL CONFORM TO SIZES SPECIFIED UNLESS SUBSTITUTIONS ARE MADE AS OUTLINED IN THIS CONTRACT.
- HEIGHT AND SPREAD DIMENSIONS SPECIFIED REFER TO MAIN BODY OF PLANT AND NOT BRANCH OR ROOT TIP TO TIP. PLANT DIMENSIONS SHALL BE MEASURED WHEN THEIR BRANCHES OR ROOTS ARE IN THEIR NORMAL POSITION.
- WHERE A RANGE OF SIZE IS GIVEN, NO PLANT SHALL BE LESS THAN THE MINIMUM SIZE AND AT LEAST 50% OF THE PLANTS SHALL BE AS LARGE AS THE MEDIAN OF THE SIZE RANGE. (EXAMPLE: IF THE SIZE RANGE IS 12" TO 18", AT LEAST 50% OF PLANTS MUST BE 15" TALL.).

SUBMITTALS

PROPOSED PLANT SOURCES

TOUGH-LEAF IRIS / IRIS TENAX

1. WITHIN 45 DAYS AFTER AWARD OF THE CONTRACT, SUBMIT A COMPLETE LIST OF PLANT MATERIALS PROPOSED

GROUNDCOVER	COMMON / BOTANICAL NAME	SIZE	SPACING	QTY	REMARKS
* * * * * * * * * * * * * * * * * * *	- GOATSBEARD / ARUNCUS SYLVESTER	1 GAL.	24" O.C.	25	PLANT IN SAME
	CAMAS / CAMASSIA QUAMASH	1 GAL.	24" O.C.	25	GROUPINGS O
	TUFTED HAIRGRASS / DESCHAMPSIA CESPITOSA	1 GAL.	24" O.C.	25	
	- SMALL-FRUITED BULRUSH / SCIRPUS MICROCARPUS	4" POT/PL	UG 24" O.C.	25	
Γ	- WESTERN COLUMBINE / AQUILEGIA FORMOSA	1 GAL.	24" O.C.	12	
	SWORD FERN / POLYSTICHUM MUNITUM	1 GAL.	24" O.C.	24	GROUPINGS 5-9 CLUSTERS THR
	OREGON STONECROP / SEDUM OREGONUM	4" POT	15" O.C.	32	PLANTING BED

AND ADDRESSES OF ALL GROWERS AND NURSERIES.

PRODUCT CERTIFICATES

DELIVERY, HANDLING, & STORAGE

NOTIFICATION MAY ARRANGE FOR INSPECTION.

PLANT MATERIALS

- AND ROOT SYSTEMS MUST BE ENSURED.
- AND VIGOR.

WARRANTY

PLANT WARRANTY CAPABLE OF VIGOROUS GROWTH.

REPLACEMENT

PLANT MATERIAL

GENERAL

- BE USED UNLESS SPECIFIED AS SUCH.

QUANTITIES

ROOT TREATMENT

- ROOTBALL.



10'



1 GAL.

24" O.C.

12

TO BE PROVIDED DEMONSTRATING CONFORMANCE WITH THE REQUIREMENTS SPECIFIED. INCLUDE THE NAMES

1. PLANT MATERIALS LIST - SUBMIT DOCUMENTATION TO CONSULTANT AT LEAST 30 DAYS PRIOR TO START OF WORK UNDER THIS SECTION THAT PLANT MATERIALS HAVE BEEN ORDERED. ARRANGE PROCEDURE FOR INSPECTION OF PLANT MATERIAL WITH CONSULTANT AT TIME OF SUBMISSION. 2. HAVE COPIES OF VENDOR'S OR GROWERS' INVOICES OR PACKING SLIPS FOR ALL PLANTS ON SITE DURING INSTALLATION. INVOICE OR PACKING SLIP SHOULD LIST SPECIES BY SCIENTIFIC NAME, QUANTITY, AND DATE DELIVERED (AND GENETIC ORIGIN IF THAT INFORMATION WAS PREVIOUSLY REQUESTED).

CONTRACTOR MUST NOTIFY CONSULTANT 48 HOURS OR MORE IN ADVANCE OF DELIVERIES SO THAT CONSULTANT

1. TRANSPORTATION - DURING SHIPPING, PLANTS SHALL BE PACKED TO PROVIDE PROTECTION AGAINST CLIMATE EXTREMES, BREAKAGE AND DRYING. PROPER VENTILATION AND PREVENTION OF DAMAGE TO BARK, BRANCHES. 2. SCHEDULING AND STORAGE - PLANTS SHALL BE DELIVERED AS CLOSE TO PLANTING AS POSSIBLE. PLANTS IN STORAGE MUST BE PROTECTED AGAINST ANY CONDITION THAT IS DETRIMENTAL TO THEIR CONTINUED HEALTH

3. HANDLING - PLANT MATERIALS SHALL NOT BE HANDLED BY THE TRUNK, LIMBS, OR FOLIAGE BUT ONLY BY THE CONTAINER, BALL, BOX, OR OTHER PROTECTIVE STRUCTURE, EXCEPT BAREROOT PLANTS SHALL BE KEPT IN BUNDLES UNTIL PLANTING AND THEN HANDLED CAREFULLY BY THE TRUNK OR STEM. 4. LABELS - PLANTS SHALL HAVE DURABLE, LEGIBLE LABELS STATING CORRECT SCIENTIFIC NAME AND SIZE. TEN PERCENT OF CONTAINER GROWN PLANTS IN INDIVIDUAL POTS SHALL BE LABELED. PLANTS SUPPLIED IN FLATS. RACKS. BOXES. BAGS. OR BUNDLES SHALL HAVE ONE LABEL PER GROUP.

PLANTS MUST BE GUARANTEED TO BE TRUE TO SCIENTIFIC NAME AND SPECIFIED SIZE, AND TO BE HEALTHY AND

1. PLANTS NOT FOUND MEETING ALL OF THE REQUIRED CONDITIONS AT THE CONSULTANT'S DISCRETION MUST BE REMOVED FROM SITE AND REPLACED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE. 2. PLANTS NOT SURVIVING AFTER ONE YEAR TO BE REPLACED AT THE CONTRACTOR'S EXPENSE.

1. PLANTS SHALL BE NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES UNDER CLIMATIC CONDITIONS SIMILAR TO OR MORE SEVERE THAN THOSE OF THE PROJECT SITE. 2. PLANTS SHALL BE TRUE TO SPECIES AND VARIETY OR SUBSPECIES. NO CULTIVARS OR NAMED VARIETIES SHALL

SEE PLANT LIST ON ACCOMPANYING PLANS AND PLANT SCHEDULES.

1. CONTAINER GROWN PLANTS (INCLUDES PLUGS): PLANT ROOT BALLS MUST HOLD TOGETHER WHEN THE PLANT IS REMOVED FROM THE POT, EXCEPT THAT A SMALL AMOUNT OF LOOSE SOIL MAY BE ON THE TOP OF THE

2. PLANTS MUST NOT BE ROOT-BOUND; THERE MUST BE NO CIRCLING ROOTS PRESENT IN ANY PLANT INSPECTED. 3. ROOTBALLS THAT HAVE CRACKED OR BROKEN WHEN REMOVED FROM THE CONTAINER SHALL BE REJECTED.

> IE-SPECIES OF 3-9 PLANTS

1E SPECIES 5-9 PLANTS IN IROUGHOUT

PERMIT SET
-
NOT FOR

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p 425.822.5242 www.watershedco.com Science & Design

 DAMAGE TO BARK, BRANCHES, ING AS POSSIBLE. PLANTS IN TO THEIR CONTINUED HEALTH R FOLIAGE BUT ONLY BY THE T PLANTS SHALL BE KEPT IN TEM. ENTIFIC NAME AND SIZE. TEN D. PLANTS SUPPLIED IN FLATS, E, AND TO BE HEALTHY AND ULTANT'S DISCRETION MUST BE ENSE. R'S EXPENSE. CAL PRACTICES UNDER CLIMATIC RS OR NAMED VARIETIES SHALL D TOGETHER WHEN THE PLANT IS BE ON THE TOP OF THE ENT IN ANY PLANT INSPECTED. AINER SHALL BE REJECTED. 	MOUNGER RESIDENCE			PREPARED FOR: BRAD STURMAN		ADD6 FAST MERCER WAY			
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	SUBMITTALS & REVISIONS NO. DATE DESCRIPTION	08-20-2020	2 06-07-2021 MITIGATION PLANTING PLAN REVISED	04-28-2022 MITIGATION PLAN REVISED				-	
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MITIGATION SPECIFICATIONS

OVERVIEW

A COMPREHENSIVE FIVE-YEAR MAINTENANCE AND MONITORING PLAN IS INCLUDED AS PART OF THE SHORELINE AND WETLAND/WETLAND BUFFER ENHANCEMENT. THE PLAN SPECIFIES APPROPRIATE SPECIES FOR PLANTING AND PLANTING TECHNIQUES, DESCRIBES PROPER MAINTENANCE ACTIVITIES, AND SETS FORTH PERFORMANCE STANDARDS TO BE MET YEARLY DURING MONITORING. THIS WILL ENSURE THAT ENHANCEMENT/RESTORATION PLANTINGS WILL BE MAINTAINED. MONITORED. AND SUCCESSFULLY ESTABLISHED WITHIN THE FIRST FIVE YEARS FOLLOWING IMPLEMENTATION.

PROPOSED RESTORATION BEGINS WITH INCORPORATING COMPOST INTO THE BUFFER ENHANCEMENT AREA. NO COMPOST SHALL BE APPLIED IN THE WETLAND. THIS WILL BE FOLLOWED BY INSTALLATION OF THREE NATIVE TREE SPECIES, SEVEN NATIVE SHRUB SPECIES, AND EIGHT NATIVE GROUNDCOVER SPECIES SUITABLE TO THE SITE. THE PLAN CALLS FOR NEW PLANTINGS WITHIN THE INNER 20-FOOT SHORELINE SETBACK AREA, INCLUDING WITHIN WETLAND A AND THE OVERLAPPING SHORELINE SETBACK/WETLAND A BUFFER. NATIVE PLANTINGS ARE INTENDED TO INCREASE NATIVE PLANT COVER, IMPROVE NATIVE SPECIES DIVERSITY, IMPROVE VEGETATIVE SCREENING, INCREASE VEGETATIVE STRUCTURE, AND PROVIDE FOOD AND OTHER HABITAT RESOURCES FOR WILDLIFE.

GOALS

ENHANCE SHORELINE BUFFERS.

- a. REDUCE THE AMOUNT OF IMPERVIOUS SURFACE AREA WITHIN THE WETLAND BUFFER AND SHORELINE SETBACK.
- b. ESTABLISH DENSE AND DIVERSE NATIVE TREE, SHRUB, AND GROUNDCOVER VEGETATION THROUGHOUT THE MITIGATION AREA.

PERFORMANCE STANDARDS

THE STANDARDS LISTED BELOW WILL BE USED TO JUDGE THE SUCCESS OF THE PLAN OVER TIME. IF THE STANDARDS ARE MET AT THE END OF THE FIVE-YEAR MONITORING PERIOD, THE CITY SHALL ISSUE RELEASE OF THE PERFORMANCE BOND.

1. SURVIVAL:

a. 100% SURVIVAL OF ALL INSTALLED TREES AND SHRUBS AT THE END OF YEAR-1. THIS STANDARD MAY BE MET THROUGH ESTABLISHMENT OF INSTALLED PLANTS OR BY REPLANTING AS NECESSARY TO ACHIEVE THE REQUIRED NUMBERS.

b. 80% SURVIVAL OF ALL INSTALLED TREES AND SHRUBS AT THE END OF YEAR 2. THIS STANDARD MAY BE MET THROUGH ESTABLISHMENT OF INSTALLED PLANTS OR BY REPLANTING AS NECESSARY TO ACHIEVE THE REQUIRED NUMBERS.

2. NATIVE VEGETATION COVER IN PLANTED AREAS:

a. ACHIEVE AT LEAST 60% COVER OF NATIVE TREES, SHRUBS, AND GROUNDCOVERS IN PLANTED AREAS BY THE END OF YEAR 3. VOLUNTEER SPECIES MAY COUNT TOWARD THIS STANDARD.

b. ACHIEVE AT LEAST 80% COVER OF NATIVE TREES, SHRUBS, AND GROUNDCOVERS IN PLANTED AREAS BY THE END OF YEAR 5. VOLUNTEER SPECIES MAY COUNT TOWARD THIS STANDARD.

- 3. DIVERSITY: A MINIMUM OF TWO TREE SPECIES, FIVE SHRUB SPECIES, AND FIVE EMERGENT SPECIES WILL BE PRESENT IN THE MITIGATION AREA IN YEARS 3 - 5.
- 4. INVASIVE SPECIES STANDARD: NO MORE THAN 10% COVER OF INVASIVE SPECIES IN THE PLANTING AREA IN ANY MONITORING YEAR. INVASIVE SPECIES ARE DEFINED AS ANY CLASS A. B. OR C NOXIOUS WEEDS AS LISTED BY THE KING COUNTY NOXIOUS WEED CONTROL BOARD.

MONITORING METHODS

THIS MONITORING PROGRAM IS DESIGNED TO TRACK THE SUCCESS OF THE MITIGATION SITE OVER TIME BY MEASURING THE DEGREE TO WHICH THE PERFORMANCE STANDARDS LISTED ABOVE ARE BEING MET. AN AS-BUILT PLAN WILL BE PREPARED WITHIN 30 DAYS OF SUBSTANTIALLY COMPLETE CONSTRUCTION OF THE MITIGATION AREAS. THE AS-BUILT PLAN WILL DOCUMENT CONFORMANCE WITH THESE PLANS AND WILL DISCLOSE ANY SUBSTITUTIONS OR OTHER NON-CRITICAL DEPARTURES. THE AS-BUILT PLAN WILL ESTABLISH BASELINE PLANT INSTALLATION QUANTITIES AND PHOTOPOINTS THAT WILL BE USED THROUGHOUT THE MONITORING PERIOD TO VISUALLY DOCUMENT SITE CHANGES OVER TIME.

MONITORING WILL OCCUR ANNUALLY FOR FIVE YEARS. THE INSPECTION WILL OCCUR IN LATE SUMMER OR FALL AND WILL RECORD THE FOLLOWING AND BE SUBMITTED IN AN ANNUAL REPORT TO THE CITY:

- 1. COUNTS OF SURVIVING AND DEAD/DYING PLANTS BY SPECIES IN THE PLANTING AREAS.
- 2. ESTIMATES OF NATIVE SPECIES COVER USING COVER CLASS METHOD.
- 3. ESTIMATES OF INVASIVE SPECIES COVER USING COVER CLASS METHOD.
- 4. PHOTOGRAPHIC DOCUMENTATION AT PERMANENT PHOTOPOINTS.
- 5. RECOMMENDATIONS FOR MAINTENANCE IN THE MITIGATION AREAS.
- 6. RECOMMENDATIONS FOR REPLACEMENT OF ALL DEAD OR DYING PLANT MATERIAL WITH SAME OR LIKE SPECIES AND NUMBER AS ON THE APPROVED PLAN.

- GENERAL NOTES
- 1. CLEARING, SOIL DECOMPACTION, AND COMPOST INCORPORATION;
- 2. INVASIVE WEED CLEARING: AND **3. PLANT MATERIAL INSPECTION.**
- a) PLANT DELIVERY INSPECTION. b) 100% PLANT INSTALLATION INSPECTION.

WORK SEQUENCE

- (OCTOBER 15TH TO MARCH 1ST)
- SCHEDULE.
- DETAILS.
- **RESTORATION AREA.**

MAINTENANCE

THIS SITE WILL BE MAINTAINED FOR FIVE YEARS FOLLOWING COMPLETION OF THE PLANT INSTALLATION.

- VOLUNTEER NATIVE PLANTS.
- COSTS.
- RECOVER AFTER TRIMMING.
- SIGNIFICANT REPLANTING.

CONTINGENCY PLAN

IF ALL OR PART OF THE MITIGATION AREA FAILS TO ESTABLISH ACCORDING TO THE GOALS AND PERFORMANCE STANDARDS, A CONTINGENCY PLAN SHALL BE DEVELOPED. CONTINGENCY MEASURES MAY INCLUDE. BUT ARE NOT LIMITED TO. PLANT SPECIES SUBSTITUTIONS, SOIL AMENDMENTS, HERBIVORE EXCLUSION FENCING. MODIFIED IRRIGATION SCHEDULE, AND ADAPTIVE WEED MANAGEMENT.

- PROJECTS.
- YARDS.

MITIGATION DETAILS AND NOTES

CONSTRUCTION NOTES AND SPECIFICATIONS

THE RESTORATION SPECIALIST WILL OVERSEE THE FOLLOWING:

1. CLEAR THE PLANTING AREA OF ALL INVASIVE SPECIES USING HAND TOOLS 2. ROTO-TILL THREE INCHES OF COMPOST INTO THE UPPER 9 INCHES OF THE SOIL IN BUFFER AREAS ONLY. DO NOT APPLY COMPOST WITHIN THE WETLAND AREA. 3. ALL PLANT INSTALLATION WILL TAKE PLACE DURING THE DORMANT SEASON

4. LAYOUT VEGETATION TO BE INSTALLED PER THE PLANTING PLAN AND PLANT

5. PREPARE A PLANTING PIT FOR EACH PLANT AND INSTALL PER THE PLANTING

6. MULCH EACH TREE AND SHRUB WITH A CIRCULAR WOOD CHIP MULCH RING, FOUR INCHES THICK AND EXTENDING SIX INCHES FROM THE BASE OF THE PLANT (12-INCH DIAMETER) IN THE BUFFER AREAS ONLY. DO NOT APPLY MULCH IN WETLAND AREA ALTERNATIVELY, A BLANKET MULCH APPLICATION MAY BE APPLIED TO THE ENTIRE

1. REPLACE EACH PLANT FOUND DEAD IN THE SUMMER MONITORING VISIT DURING THE UPCOMING FALL DORMANT SEASON (OCTOBER 15^{1H} TO MARCH 1^{S1})

2. INVASIVE SPECIES MAINTENANCE PLAN: HIMALAYAN BLACKBERRY, ENGLISH IVY, ENGLISH LAUREL, AND OTHER INVASIVE WOODY VEGETATION WILL BE GRUBBED OUT BY HAND ON AN ONGOING BASIS. WITH CARE TAKEN TO GRUB OUT ROOTS EXCEPT WHERE SUCH WORK WILL JEOPARDIZE THE ROOTS OF INSTALLED OR

3. AT LEAST TWICE YEARLY, REMOVE BY HAND ALL COMPETING WEEDS AND WEED ROOTS FROM BENEATH EACH INSTALLED PLANT AND ANY DESIRABLE VOLUNTEER VEGETATION TO A DISTANCE OF 12 INCHES FROM THE MAIN PLANT STEM. WEEDING SHOULD OCCUR AS NEEDED DURING THE SPRING AND SUMMER. FREQUENT WEEDING WILL RESULT IN LOWER MORTALITY AND LOWER PLANT REPLACEMENT

4. DO NOT WEED THE AREA NEAR THE PLANT BASES WITH STRING TRIMMER (WEED WHACKER). NATIVE PLANTS ARE EASILY DAMAGED OR KILLED, AND WEEDS EASILY

5. MULCH THE WEEDED AREAS BENEATH EACH PLANT WITH WOOD CHIP MULCH AS NECESSARY TO MAINTAIN A MINIMUM 4-INCH-THICK, 12-INCH-DIAMETER MULCH RING.

6. THE TEMPORARY IRRIGATION SYSTEM WILL BE OPERATED TO ENSURE THAT PLANTS RECEIVE A MINIMUM OF ONE INCH OF WATER PER WEEK FROM JUNE 1ST THROUGH SEPTEMBER 30TH FOR THE FIRST TWO YEARS FOLLOWING INSTALLATION. IRRIGATION BEYOND THE SECOND YEAR MAY BE NEEDED BASED ON SITE PERFORMANCE OR

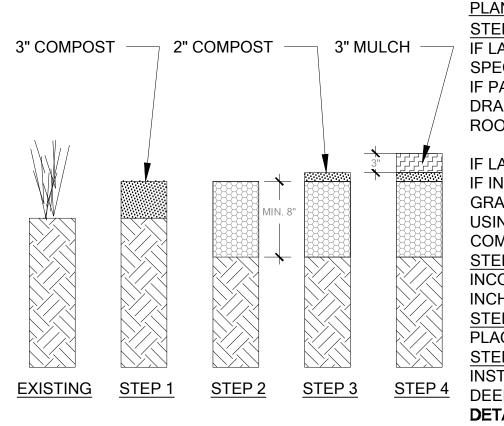
MATERIAL SPECIFICATIONS AND DEFINITIONS

1. IRRIGATION SYSTEM: AUTOMATED SYSTEM CAPABLE OF DELIVERING AT LEAST ONE INCH OF WATER PER WEEK FROM JUNE 1 THROUGH SEPTEMBER 30 FOR THE FIRST TWO YEARS FOLLOWING INSTALLATION.

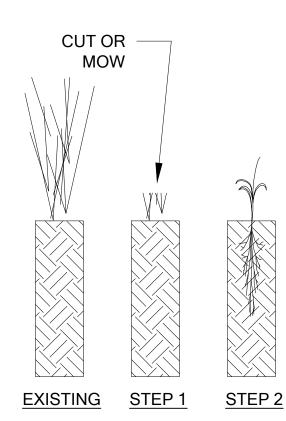
2. RESTORATION PROFESSIONAL: WATERSHED COMPANY [(425) 822-5242)] PERSONNEL, OR OTHER PERSONS QUALIFIED TO EVALUATE ENVIRONMENTAL RESTORATION

3. WOOD CHIP MULCH: ARBORIST CHIPS (CHIPPED WOODY MATERIAL) APPROXIMATELY 1 TO 3 INCHES IN MAXIMUM DIMENSION (NOT SAWDUST OR COARSE HOG FUEL). THIS MATERIAL IS COMMONLY AVAILABLE IN LARGE QUANTITIES FROM ARBORISTS OR TREE-PRUNING COMPANIES. THIS MATERIAL IS SOLD AS "ANIMAL FRIENDLY HOG FUEL" AT PACIFIC TOPSOILS [(800) 884-7645]. MULCH MUST NOT CONTAIN APPRECIABLE QUANTITIES OF GARBAGE, PLASTIC, METAL, SOIL, AND DIMENSIONAL LUMBER OR CONSTRUCTION/DEMOLITION DEBRIS. QUANTITY REQUIRED: 17 CUBIC

4. COMPOST: CEDAR GROVE COMPOST OR EQUIVALENT "COMPOSTED MATERIAL" PER WASHINGTON ADMIN. CODE 173-350-220. QUANTITY REQUIRED: 28 CUBIC YARDS.



BUFFER MITIGATION AREA SITE PREF (**A**)

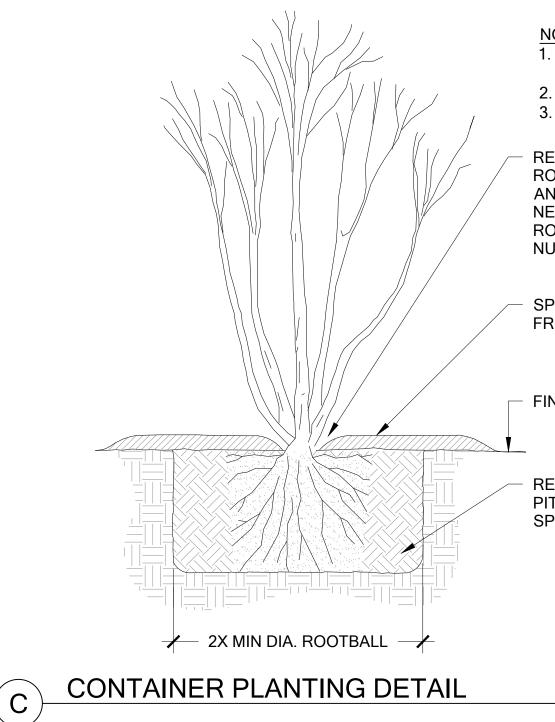


PLANTING A STEP 1 CUT OR MO PLANT MATI OFFSITE.

STEP 2 INSTALL PL/



WETLAND MITIGATION AREA SITE PRI



				TERSHED
NTING AREA PREPARATION			CO	MPANY
AWN REMOVE LAWN AND UNDES ECIES.	IRABLE		750 Sixth Str	reet South
PATIO REMOVE PATIO AND ANY GI AINAGE LAYER. WORK WITHIN EX OT ZONES SHALL BE DONE BY HA	STING		Kirkland W.	A 98033
AWN PLACE THREE (3) INCHES CON N PATIO REMOVAL AREA, FIRST B ADE UP TO MATCH ADJACENT GR NG IMPORT TOPSOIL PRIOR TO P MPOST. <u>EP 2</u> ORPORATE COMPOST TO AN EIG H DEPTH.	RING ADE LACING	So	www.watersh cience &	nedco.com Design
<u>EP 3</u> ACE TWO (2) INCH LAYER OF COM	POST			
<u>EP 4</u> TALL MULCH LAYER THREE (3) IN EP AND INSTALL PLANTS. (SEE PL	CHES			
FAIL.)	SEE SHEET W1		, ZZ	
PARATION	Scale: NTS		PLAN	0
REA PREPARATION		L L L	STL	WAY 98040
W ABOVE GROUND INVASIVE ERIAL. REMOVE CLIPPINGS		FSID	ATIC AD	CER , WA
ANTS. (SEE PLANTING DETAIL.)		GER R	NE MITI	4006 EAST MERCER WAY MERCER ISLAND, WA 9804
		NIIOM	OREL	4006 MERCI
EPARATION	SEE SHEET W1			
	Scale. NTS			
OTES: PLANTING PIT SHALL NOT BE LE TIMES THE WIDTH OF THE ROO LOOSEN SIDES AND BOTTOMS (SOAK PLANTING PIT AFTER PLA	F BALL DIA. DF PLANTING PIT		BY AS/MF AF AF	
MOVE FROM POT OR BURLAP & F OT BALL BEFORE INSTALLING. U ID STRAIGHTEN CIRCLING ROOTS CESSARY. IF PLANT IS EXCEPTIO OT-BOUND, DO NOT PLANT AND IRSERY FOR AN ACCEPTABLE AL	INTANGLE S - PRUNE IF DNALLY RETURN TO	SNC	REVISED	
PECIFIED MULCH LAYER, HOLD BA COM TRUNK/STEMS	CK MULCH	SUBMITTALS & REVISIONS	LANTING PLAN LANTING PLAN LANTING PLAN LAN REVISED	
NISH GRADE		SUBMITT	DESCRIPTION MITIGATION P MITIGATION P MITIGATION P	
MOVE DEBRIS AND LARGE ROCK FAND SCARIFY SIDES AND BASE. PECIFIED SOIL. FIRM UP SOIL ARO	BACKFILL WITH		NO. DATE 1 08-20-2020 2 06-07-2021 04-28-2022	
			SHEET SIZ	
	PERN		SCALE ACCORD	DINGLY.
	Scale: NTS	DE DR CH	IECKED:	GER: RK RK/MF AS/MF/AF RK
	NOT FO	DR	B NUMBER: 2005	
	© Copyright- The W		eet number	DF 3