

GARRET CORD WERNER LLC 3132 WESTERN AVE SEATTLE WA

TEL 206.749.9019

FAX 206.749.9128 WWW.GARRETCORDWERNER.COM

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GENERAL NOTES:

- 1. ALL CODE COMPLIANCE TO BE VERIFIED PRIOR TO CONSTRUCTION BY ARCHITECT AND
- ADA EXPERT. 2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATUMS, AND LEVELS PRIOR TO THE
- START OF WORK. 3. ALL REVISIONS SHOWN TO BE VERIFIED BY ARCHITECT TO COMPLY WITH ALL BUILDING
- CODES AND STANDARDS.
- MILLWORKER TO CONFIRM ALL CLEARANCES.
 PERMIT DRAWINGS NOT TO BE USED FOR CONSTRUCTION.
- 7. ALL GLAZING TEMPERED SAFETY GLASS UNLESS OTHERWISE NOTED

6. DO NOT SCALE FROM THIS DRAWING

NON-COMPLIANCE OF BUILDING CODES.

8. ELECTRICAL & LIGHTING DRAWINGS FOR DESIGN PURPOSES ONLY. SUBCONTRACTOR TO NOTIFY ARCHITECT OF ANY DISCREPANCIES OR

DATE	DRAWN BY
11/25/2020	Author
SCALE	CHECKED BY
1'' = 10'-0''	Checker

'FOO' RESIDENCE

PROJECT

3453 74th Ave SE Mercer Island, WA 98040

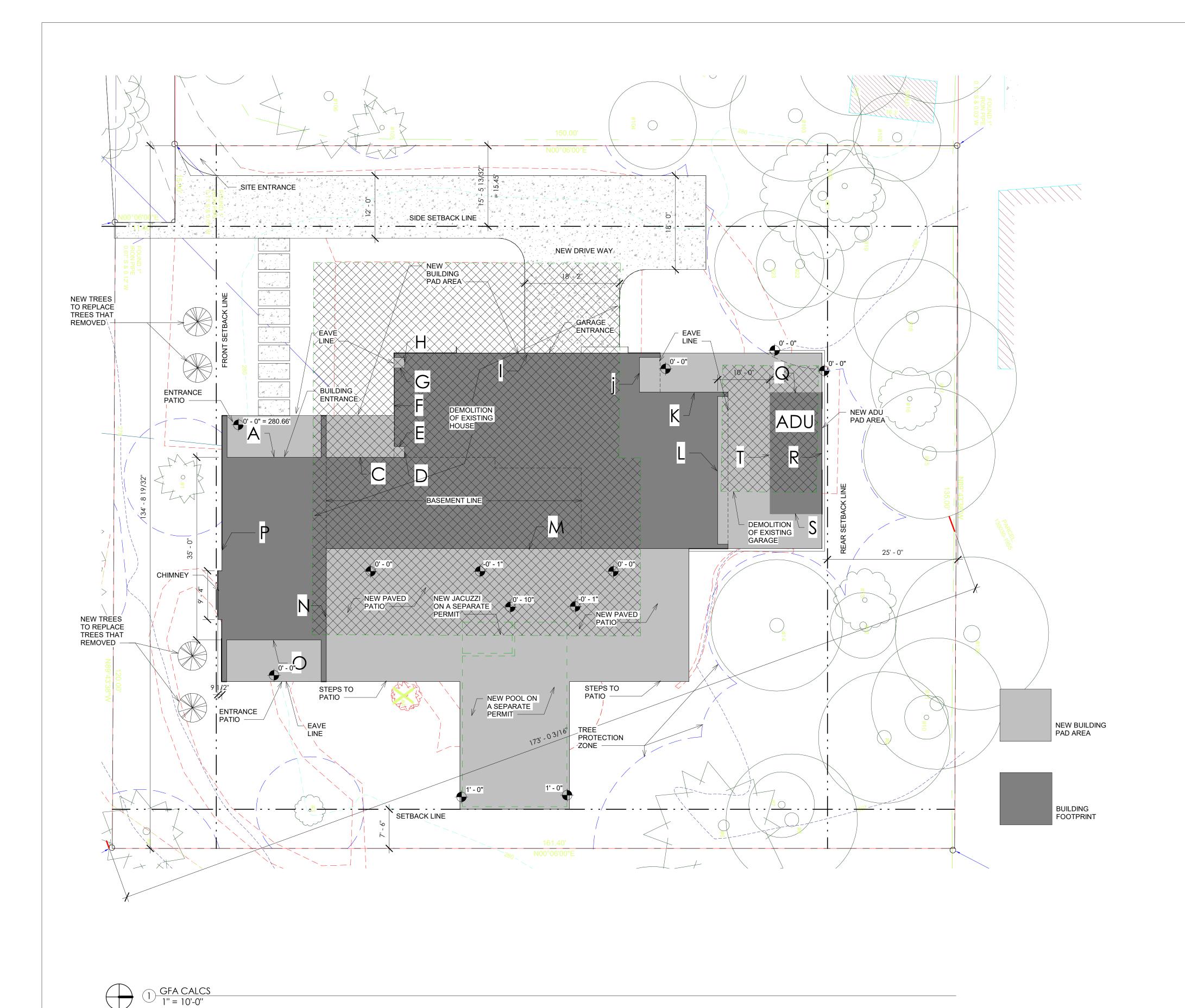
REV DATE ISSUE/REVISION



TREE PLAN

SHEET TITLE

REVISION NO.



LOT SLOPE CALCULATIONS

HIGHEST ELEVATION POINT OF LOT:	283.00 FT
LOWEST ELEVATION POINT OF LOT:	275.00 FT
	270.0011
ELEVATION DIFFRENCE:	8.00 F1
HORIZANTAL DISTANCE BETWEEN HIGH AND LOW POINTS:	173.19FT
LOT SLOPE:	4.62%

LOT COVERAGE CALCULATIONS A. ALLOWED LOT COVERAGE B. ALLOWED LOT COVERAGE AREA D. NET LOT AREA	40% OF LOT 8,647.2 SF 21,618 SF
E. MAIN STRUCTURE ROOF AREA F. ACCESSORY BUILDING ROOF AREA G. VEHICULAR USE(DRIVEWAY, ACCESS EASEMENTS, PARKING) H. TOTAL EXISTING LOT COVERAGE AREA I. (TOTAL LOT COVERAGE AREA REMOVED)	3,657.79 SF 294.56 SF 1,782.24 SF 7,395 SF 7,395 SF
J. TOTAL NEW LOT COVERAGE AREA K. TOTAL PROJECT LOT COVERAGE AREA = (H-I) + J N. PROPOSED LOT COVERAGE = (K/D)X100	5,734.59 SF 5,734.59 SF 26.53% OF LOT

HARDSCAPE

TOTAL AREA HARDSCAPE ON PROPERTY TOTAL AREA DECKS ON PROPERTY 9% OF NET LOT AREA UNUSED LOT COVERAGE	4,777.97 SF 0 SF 1,945.62 SF 2,912.61 SF
TOTAL ALLOWABLE HARDSCAPE AREA	4,858.23 SF

BUILDING AREA	EXISTING AREA	REMOVED AREA	NEW AREA	TOTAL
UPPER FLOOR	0 SF	0 SF	1,657 SF	1,657 SF
MAIN FLOOR GROSS BASEMENT AREA	4,330 SF 0 SF	4,330 SF 0 SF	2,488 SF 866 SF	2,488 SF 866 SF
GARAGE / CARPORT Total area floor	436 SF 4,766 SF	436 SF 4,766 SF	560 SF 5,571 SF	560 SF 5,571 SF
ACCESSORY BUILDINGS	0 SF	0 SF	234 SF	234 SF
BASEMENT AREA EXCLUDED 150% GFA MODIFIER	O SF O SF	0 SF 0 SF	866 SF 61 SF	866 SF 61 SF
200% GFA MODIFIER	0 SF	0 SF 0 SF	0 SF	0 SF 0 SF
STAIRCASE GFA MODIFIER TOTAL BUILDING AREA	0 SF 4,766 SF	4,766 SF	0 SF 5,000 SF	5,000 SF

GROSS FLOOR AREA (GFA)

A. LOT AREA	21,618
B. ALLOWED GROSS FLOOR AREA	5,000
C. PROPOSED GROSS FLOOR AREA	5,000

WALL ID	MIDPOINT ELEVATION (FT)	LENGTH ID	WALL SEGMENT LENGTH (FT)	ELEV x LENGTH
Α	280.10	а	20.00	5602.00
С	280.30	С	13.00	3643.90
D	280.30	d	2.00	560.60
Е	280.30	е	2.00	560.60
F	280.30	f	16.00	4538.8
G	280.50	g	2.00	561.00
Н	280.50	h	2.00	561.00
	281.00	i	51.00	14331.00
J	281.70	j	7.50	2112.75
K	281.80	k	13.00	3663.40
L	282.00	I	30.00	8460.00
М	281.70	m	77.00	21675.50
Ν	280.50	n	25.50	7152.75
0	280.00	0	20.00	5600.00
Р	279.70	р	35.00	9789.50
		TOTAL	316	88774.2
	ABE		(ELEVxLENGTH)/ LENGTH	280.93
HIC	GHEST BUILDING ELEVAT	ION	(ABE + 30.00')	310.93

AVERAGE BUILDING ELEVATION				
WALL ID	MIDPOINT ELEVATION (FT)	LENGTH ID	WALL SEGMENT LENGTH (FT)	ELEV x LENGTH
Q	282.00	q	10.00	2820.00
R	282.20	r	23.40	6603.48
S	282.20	S	10.00	2822.00
T	282.00	t	23.40	6598.8
		TOTAL	382.80	18844.28
	ABE		(ELEVxLENGTH)/ LENGTH	282.10
HIGHEST BUILDING ELEVATION		(ABE + 17.00')	299.10	

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date 11/25/2020	DRAWN BY AHP
SCALE 1'' = 10'-0''	CHECKED BY GCW

'FOO' **RESIDENCE**

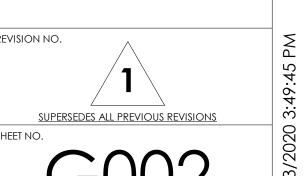
PROJECT

3453 74th Ave SE Mercer Island, WA 98040

REV DATE ISSUE/REVISION



SITE PLAN AND **DEVELOPMENT INFORMATION**



VERTICAL DATUM, BENCHMARK & CONTOUR INTÉRVAL

ELEVATIONS SHOWN ON THIS DRAWING WERE DERIVED FROM INFORMATION PROVIDED BY WCCS SURVEY CONTROL DATABASE.

POINT ID NO. 238

ELEVATION: 324.56 FEET (98.926 METERS) NAVD88

2" BRASS CAP IN MONUMENT CASE AT THE INTERSECTION OF SE 32ND ST & 74TH AVE SE

2.0' CONTOUR INTERVAL — THE EXPECTED VERTICAL ACCURACY IS EQUAL TO 1/2 THE CONTOUR INTERVAL OR PLUS / MINUS 1.0' FOR THIS PROJECT.

BASIS OF BEARING

HELD RECORD OF SURVEY BY MS WEBB SURVEYING AS RECORDED IN VOLUME 135 OF SURVEYS, PAGE 243, RECORDS OF KING COUNTY, WASHINGTON AND RECORDED UNDER RECORDING NUMBER 200000215900011. ACCEPTED A BEARING OF N 9000'00" W FOR THE CENTERLINE OF SE 32ND STREET BASED ON FOUND MOUNUMENTS IN CASE.

SURVEY NOTES

THIS SURVEY WAS COMPLETED WITHOUT BENEFIT OF A CURRENT TITLE REPORT. EASEMENTS AND OTHER ENCUMBRANCES MAY EXIST ON THIS PROPERTY THAT ARE NOT SHOWN HEREON.

INSTRUMENTATION FOR THIS SURVEY WAS A 3-SECOND NIKON NIVO 5.C TOTAL STATION. PROCEDURES USED IN THIS SURVEY MEET OR EXCEED STANDARDS SET BY WAC 332-130-090.

THE INFORMATION ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY MADE IN JUNE 2018 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

UTILITIES SHOWN ON THIS SURVEY ARE BASED UPON ABOVE GROUND OBSERVATIONS AND AS-BUILT PLANS WHERE AVAILABLE. ACTUAL LOCATIONS OF UNDERGROUND UTILITIES MAY VARY AND UTILITIES NOT SHOWN ON THIS SURVEY MAY EXIST ON THIS SITE.

ALL MONUMENTS WERE LOCATED DURING THIS SURVEY UNLESS OTHERWISE

LEGAL DESCRIPTION

LOTS 16 THROUGH 20 AND THE EAST 15 FEET OF LOTS 21 THROUGH 25, BLOCK 7, C.C. CALKINS FIRST ADDITION TO EAST SEATTLE, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 4 OF PLATS, PAGE 88, RECORDS OF KING COUNTY, WASHINGTON; TOGETHER WITH THE WEST HALF OF VACATED 74TH PLACE SE LYING NORTH OF THE SOUTH MARGIN OF SAID PLAT AND SOUTH OF THE EASTERLY EXTENSION OF THE NORTH LINE OF SAID LOT 16 AND TOGETHER WITH THAT PORTION OF VACATED SE 36TH STREET, LYING WITHIN SAID PLAT AND WEST OF THE CENTERLINE OF 74TH PLACE SE AND

SITUATE IN THE CITY OF MERCER ISLAND, COUNTY OF KING, STATE OF WASHINGTON.

EAST OF THE SOUTHERLY EXTENSION OF THE WEST LINE OF SAID LOT 20.

SITE STATISTICS

ZONING: R-8.4 (RESIDENTIAL-SINGLE FAMILY SITE AREA: 21,618 SF (±0.496 ACRES)

130030-1965 TAX PARCEL:

LEGEND

<u>EXISTING</u>

FOUND MONUMENT AS DESCRIBED FOUND REBAR AS DESCRIBED

SET 5/8" X 24" IRON ROD W/1" YELLOW PLASTIC CAP

TACK IN LEAD FOUND

POWER METER UTILITY POLE

GAS METER

WATER VALVE WATER METER

APPROXIMATE LOCATION SANITARY SEWER LINE

APPROXIMATE LOCATION STORM DRAIN LINE

- OHP- OVERHEAD POWER

— X— CHAINLINK FENCE

—□— WOOD FENCE

CONCRETE WALL ROCKERY

ASPHALT SURFACE

GRAVEL SURFACE

CEDAR DOUGLAS FIR HEMLOCK

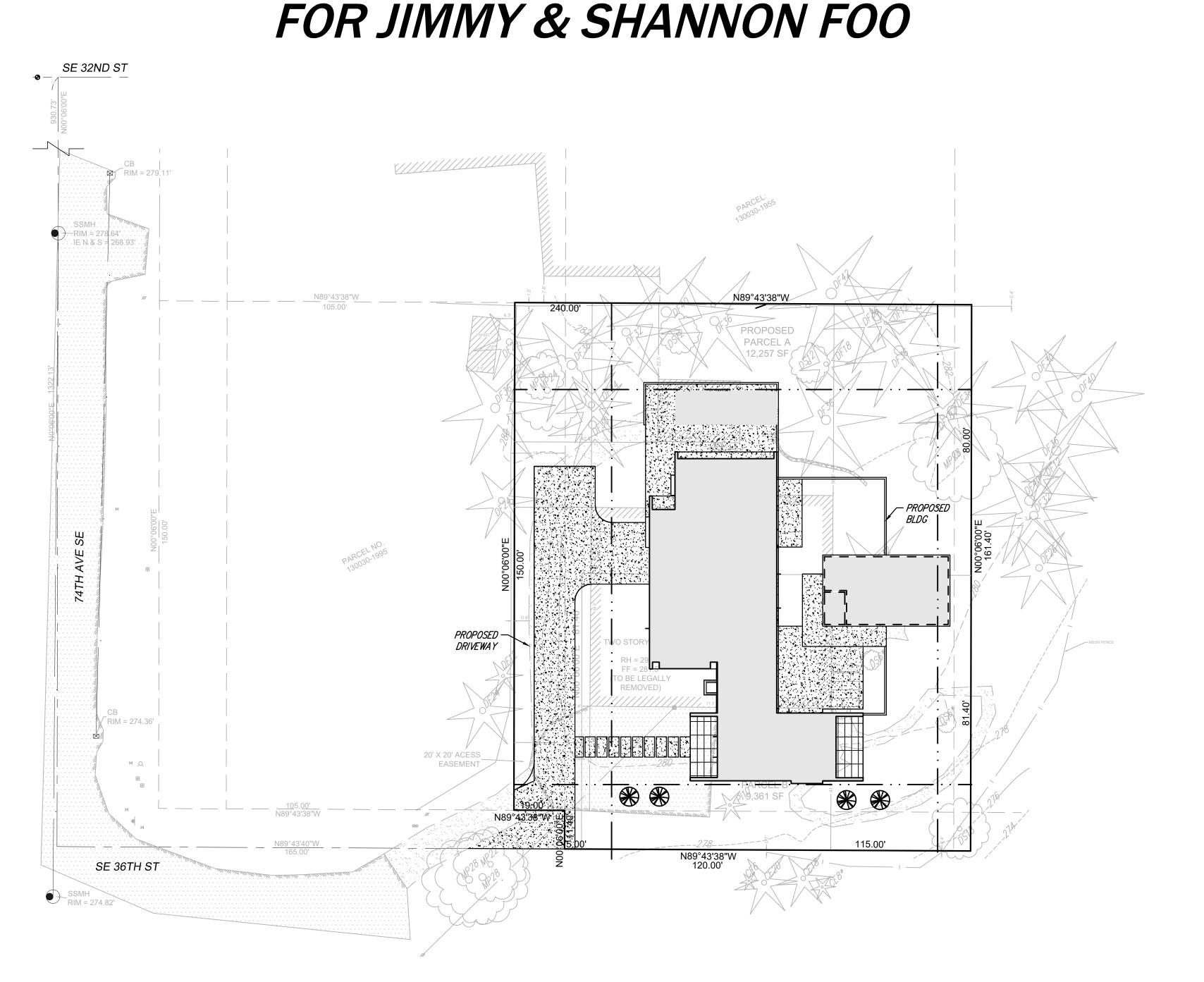
SPRUCE

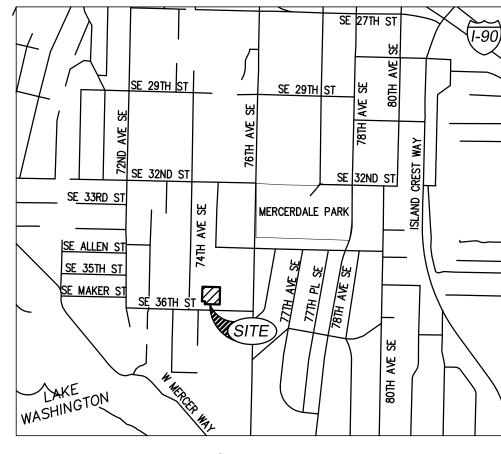
DECIDUOUS * DENOTES MULTI-TRUNK

-OHU- OVERHEAD UTILITIES

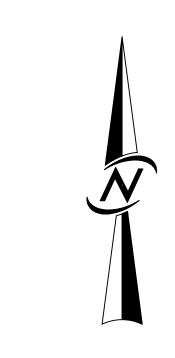
BUILDING PERMIT PLANS FOR

3453 74TH AVE W





VICINITY MAP SCALE: 1:1000





JIMMY & SHANNON FOO 2820 29TH AVE W SEATTLE, WA 98199 CONTACT: SHANNON FOO PHONE: (306) 613-5505

ENGINEER

CORE DESIGN INC 12100 NE 195TH ST, SUITE 300 BOTHELL, WASHINGTON 98011 (425) 885-7877 CONTACT: MICHAEL A. MOODY, P.E.

SURVEY:

SITE SURVEYING INC 21923 NE 11TH ST SAMMAMISH, WASHINGTON 98074 (425) 298-4412

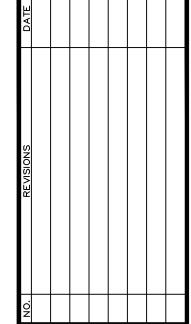
SHEET INDEX

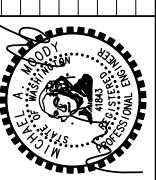
COVER SHEET TOPOGRAPHIC SURVEY SITE PLAN STORMWATER DRAINAGE DETAIL TESC PLAN

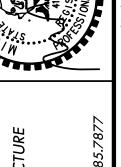
UNDERGROUND LOCATOR SERVICE CALL BEFORE YOU DIG!

811

PERMIT #XXXX-XXX







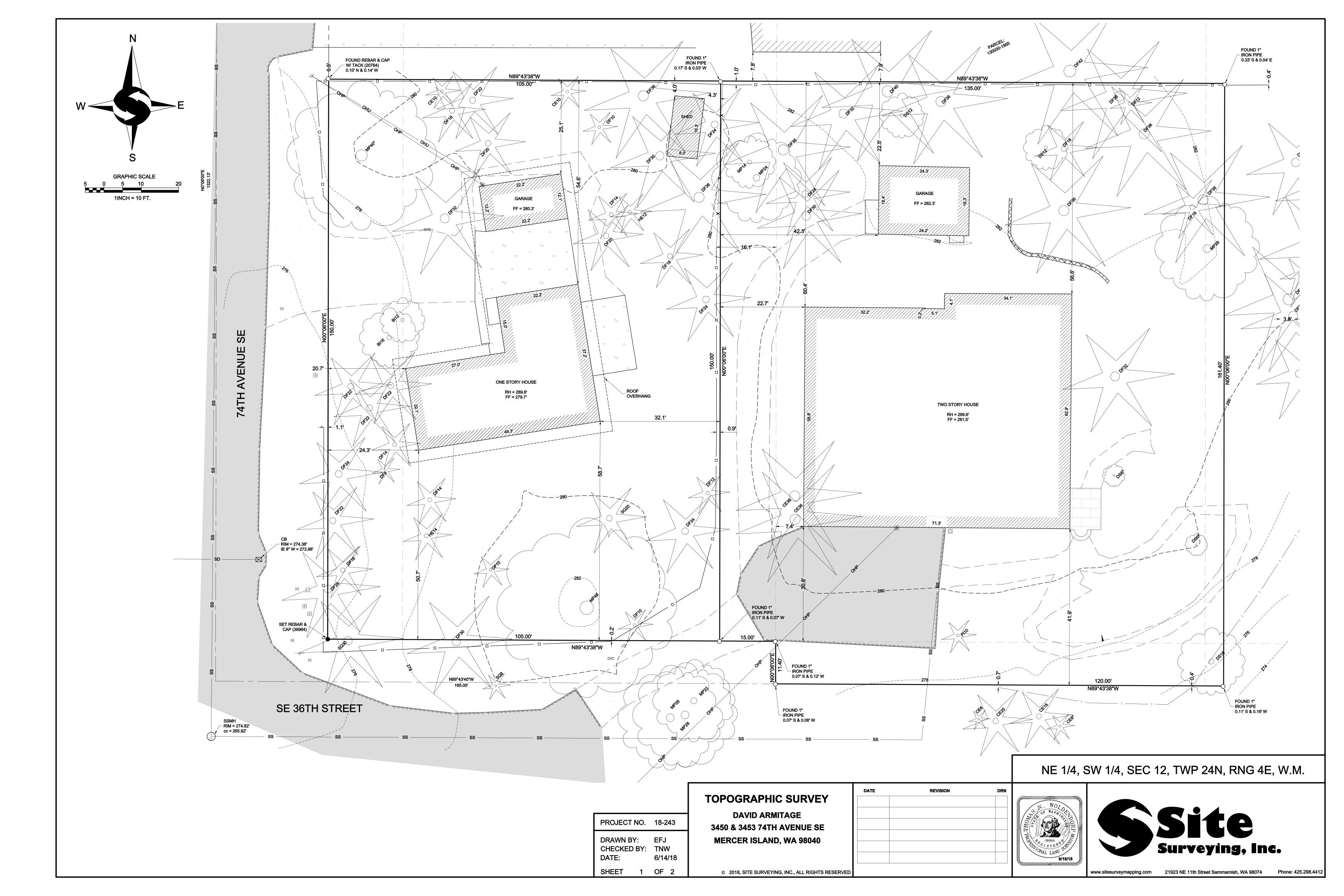


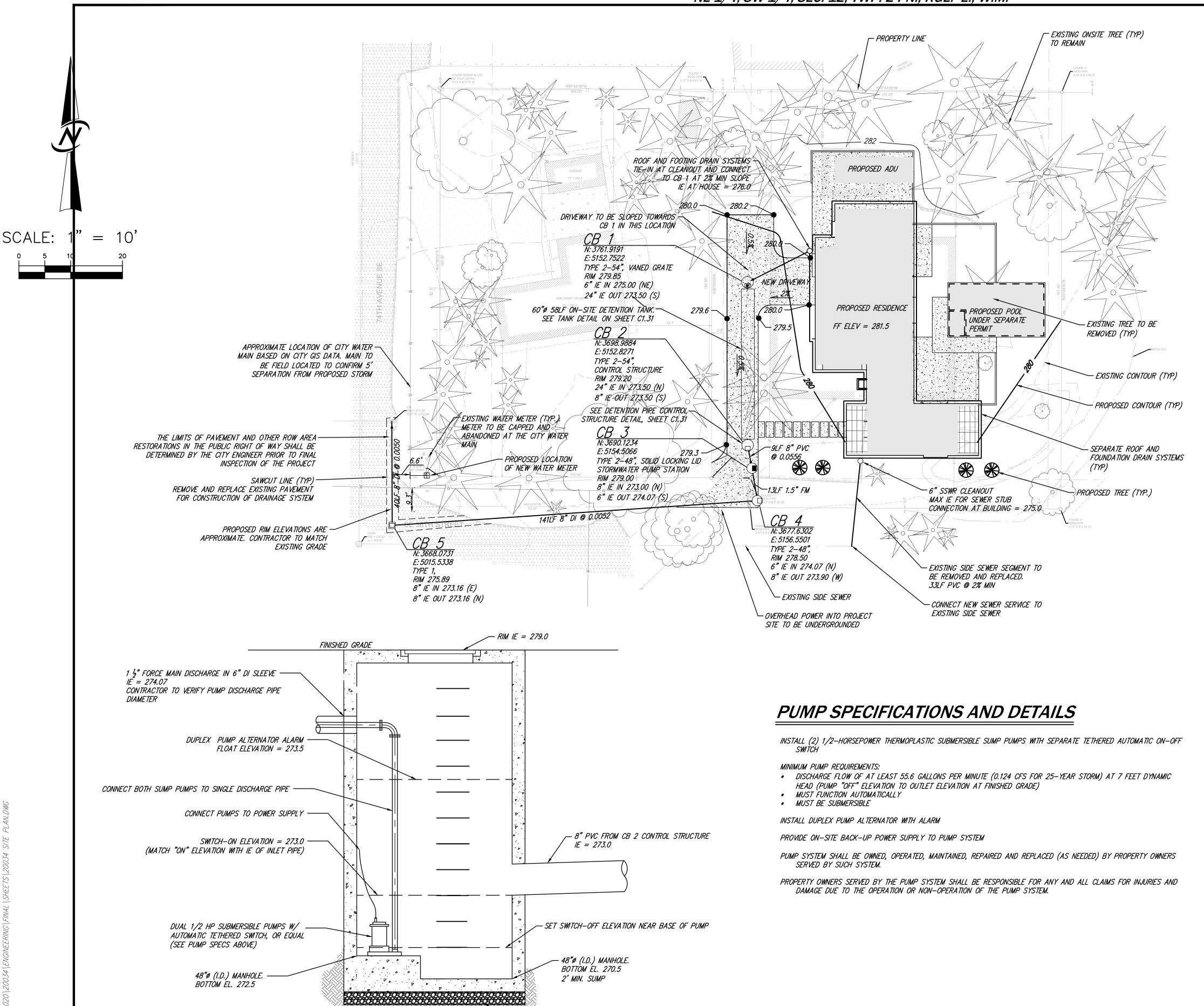


SHEET C1.01

ROJECT NUMBER

20034





ELEVATION

NO SCALE

CB 2 STORMWATER PUMP LIFT STATION DETAIL

6" COMPACTED 5/8" CRUSHED LEVELING COURSE.

LOT COVERAGE PROPOSED

21,618 SQ.FT. ROOF AREA= 4,053 SQ.FT. DRIVE / WALK = 5,370 SQ.FT.

TOTAL IMPERVIOUS = 9,423 SQ.FT. 43.6% PROPOSED IMPERVIOUS =

BMP T5.13: POST-CONSTRUCTION SOIL QUALITY AND DEPTH DESIGN QUIDELINES

- SOIL RETENTION. RETAIN, IN AN UNDISTURBED STATE, THE DUFF LAYER AND NATIVE TOPSOIL TO THE MAXIMUM EXTENT PRACTICABLE. IN ANY AREAS REQUIRING GRADING REMOVE AND STOCKPILE THE DUFF LAYER AND TOPSOIL ON SITE IN A DESIGNATED, CONTROLLED AREA, NOT ADJACENT TO PUBLIC RESOURCES AND CRITICAL AREAS, TO BE REAPPLIED TO OTHER PORTIONS OF THE SITE WHERE FEASIBLE.
- SOIL QUALITY. ALL AREAS SUBJECT TO CLEARING AND GRADING THAT HAVE NOT BEEN COVERED BY IMPERVIOUS SURFACE, INCORPORATED INTO A DRAINAGE FACILITY OR ENGINEERED AS STRUCTURAL FILL OR SLOPE SHALL, AT PROJECT COMPLETION, DEMONSTRATE THE
- A TOPSOIL LAYER WITH MINIMUM ORGANIC MATTER CONTENT OF 10% DRY WEIGHT IN PLANTING BEDS, AND 5% ORGANIC MATTER CONTENT IN TURF AREAS, AND A pH FROM 6.0 TO 8.0 OR MATCHING THE PH OF THE UNDISTURBED SOIL. THE TOPSOIL LAYER SHALL HAVE A MINIMUM DEPTH OF EIGHT INCHES EXCEPT WHERE TREE ROOTS LIMIT THE DEPTH OF INCORPORATION OF AMENDMENTS NEEDED TO MEET THE CRITERIA. SUBSOILS BELOW THE TOPSOIL LAYER SHOULD BE SCARIFIED AT LEAST 4 INCHES WITH SOME INCORPORATION OF THE UPPER MATERIAL TO AVOID STRATIFIED LAYERS, WHERE FEASIBLE.
- MULCH PLATING BEDS WITH 2 INCHES OF ORGANIC MATERIAL. USE COMPOST AND OTHER MATERIALS THAT MEET THESE ORGANIC CONTENT
- THE ORGANIC CONTENT FROM "PRE-APPROVED" AMENDMENT RATES CAN BE MET ONLY USING COMPOST MEETING THE COMPOST SPECIFICATIONS FOR BMP 17.30: BIORETENTION CELLS, SWALES, AND PLANTER BOXES, WITH THE EXCEPTION THAT THE COMPOST MAY HAVE UP TO 35% BIOSOLIDS OR MANURE. THE COMPOST MUST ALSO HAVE AN ORGANIC MATTER CONTENT OF 40% TO 65%, AND A CARBON TO NITROGEN RATIO BELOW 25:1. THE CARBON TO NITROGEN RATIO MAY BE AS HIGH AS 35:1 FOR PLANTINGS COMPOSED ENTIRELY OF PLANTS NATIVE TO THE PUGET SOUND LOWLANDS
- CALCULATED AMENDMENT RATES MAY BE MET THROUGH THE USE OF COMPOSTED MATERIAL (A) ABOVE; OR OTHER ORGANIC MATERIALS AMENDED TO MEET THE CARBON TO NITROGEN RATIO REQUIREMENTS. AND NOT EXCEEDING THE CONTAINMENT LIMITS IDENTIFIED IN TABLE 220-B, TESTING PARAMETERS, IN WAC 173-350-220.

THE RESULTING SOIL SHOULD BE CONDUCIVE TO THE TYPE OF VEGETATION TO BE ESTABLISHED. • IMPLEMENTATION OPTIONS: THE SOIL QUALITY DESIGN GUIDELINES LISTED ABOVE CAN BE MET BY USING ONE OF THE METHODS LISTED BELOW:

- LEAVE UNDISTURBED NATIVE VEGETATION AND SOIL, AND PROTECT FROM COMPACTION DURING CONSTRUCTION.
- AMEND EXISTING SITE TOPSOIL OR SUBSOIL EITHER AT DEFAULT "PRE-APPROVED" RATES, OR AT CUSTOM CALCULATED RATES BASED ON TESTS OF THE SOIL AND AMENDMENT
- STOCKPILE EXISTING TOPSOIL DURING GRADING, AND REPLACE IT PRIOR TO PLANTING. STOCKPILED TOPSOIL MUST ALSO BE AMENDED IF NEEDED TO MEET THE ORGANIC MATTER OR DEPTH REQUIREMENTS, EITHER AT A DEFAULT "PRE-APPROVED" RATE OR AT A
- CUSTOM CALCULATED RATE. IMPORT TOPSOIL MIX OF SUFFICIENT ORGANIC CONTENT AND DEPTH TO MEET THE REQUIREMENTS.

MORE THAN ONE METHOD MAY BE USED ON DIFFERENT PORTIONS OF THE SAME SITE. SOIL THAT ALREADY MEETS THE DEPTH AND ORGANIC MATTER QUALITY STANDARDS, AND IS NOT COMPACTED, DOES NOT NEED TO BE AMENDED.

NOTES

- SEE PSE PLANS FOR LOCATION OF UTILITIES. PROPOSED DRY UTILITIES WILL BE BURIED. 2. THE LAWN AND LANDSCAPE AREAS ARE REQUIRED TO PROVIDE POST-CONSTRUCTION SOIL QUALITY AND DEPTH IN ACCORDANCE WITH BMP T5.13. THE PROJECT CIVIL
- ENGINEER MUST PROVIDE A LETTER OF CERTIFICATION TO ENSURE THAT THE LAWN AND LANDSCAPE AREAS ARE MEETING THE POST-CONSTRUCTION SOIL QUALITY AND DEPTH REQUIREMENTS SPECIFIED ON THE APPROVED PLAN SET PRIOR TO FINAL INSPECTION OF THE PROJECT.
- 3. THE TV INSPECTION OF THE EXISTING SHARED SIDE SEWER TO THE CITY SEWER MAIN ON 74TH AVE SE IS REQUIRED PRIOR TO ANY WORK RELATED TO THE SIDE SEWER. IF THE RESULT OF THE TV INSPECTION IS NOT IN SATISFACTORY CONDITION, AS DETERMINED BY THE CITY OF MERCER ISLAND INSPECTOR, THE REPLACEMENT OF THE EXISTING SIDE SEWER IS REQUIRED.

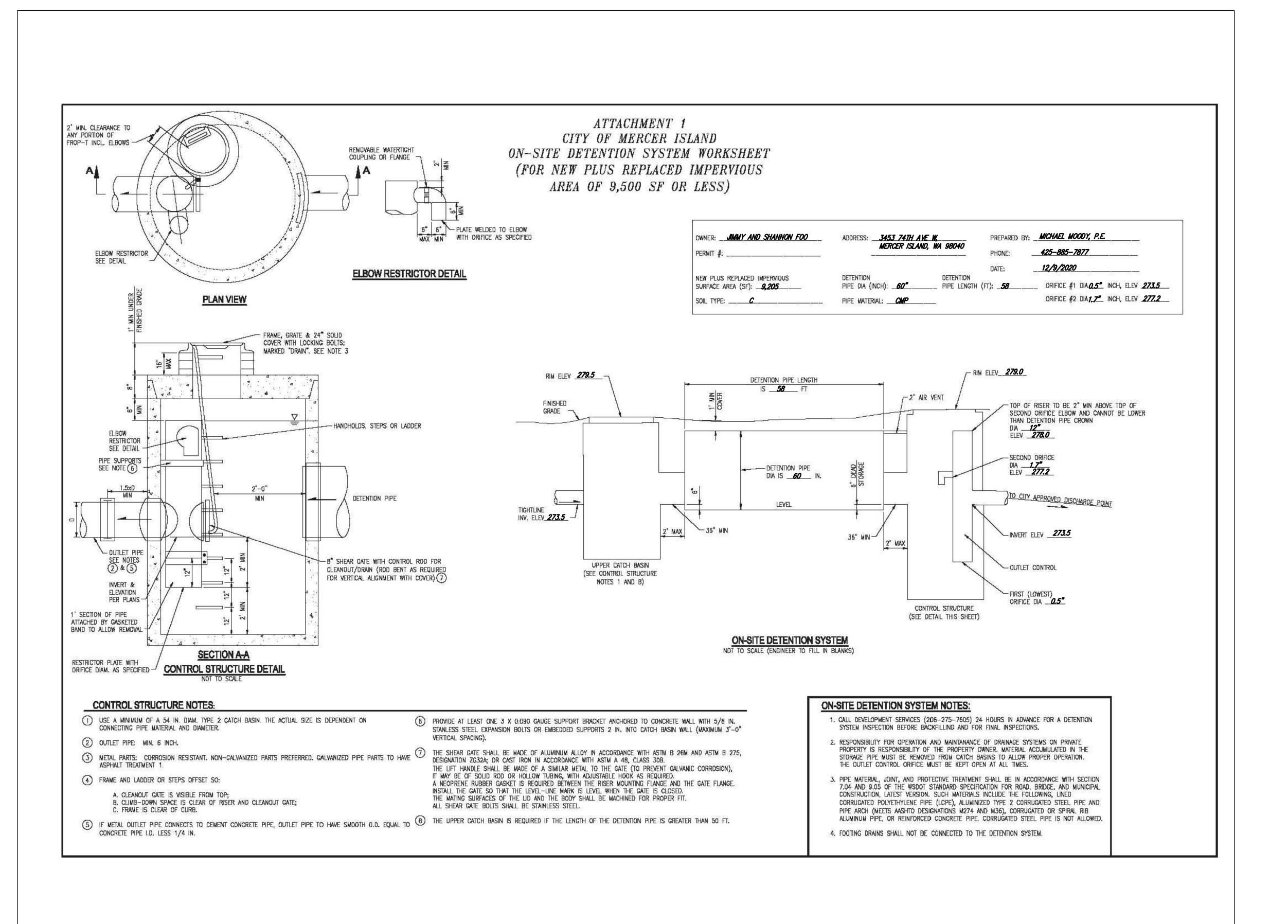
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PERMIT #XXXX-XXX

SHEET OF C1.03

ROJECT NUMBER 20034

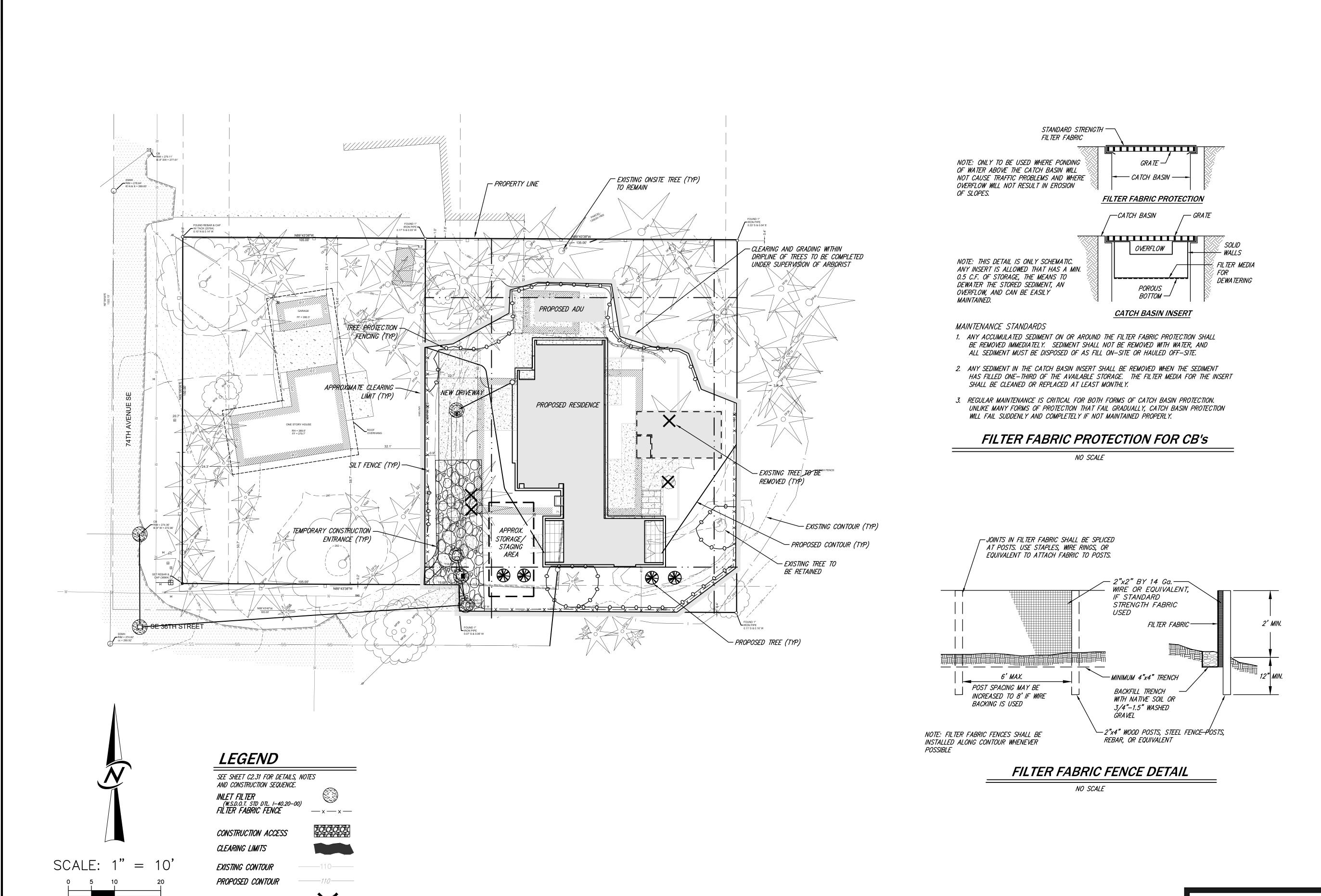


UNDERGROUND LOCATOR SERVICE

CALL BEFORE YOU DIG!

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PROJECT NUMBER **20034**



EX TREE TO BE REMOVED

UNDERGROUND LOCATOR SERVICE

CALL BEFORE YOU DIG!

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CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
PLANNING
DESIGN
SURVEYING
95th St, Suite 300 Bothell, Washington 98011 425.885.7877
12-10-20

TESC PLAN 3453 74TH AVE SE JIMMY & SHANNON FC

DRAWN MARY MOORE
APPROVED MICHAEL A. MOODY, PE
JOSHUA BEARD
PROJECT MANAGER

SHEET OF **C2.01 5**

PROJECT NUMBER **20034**