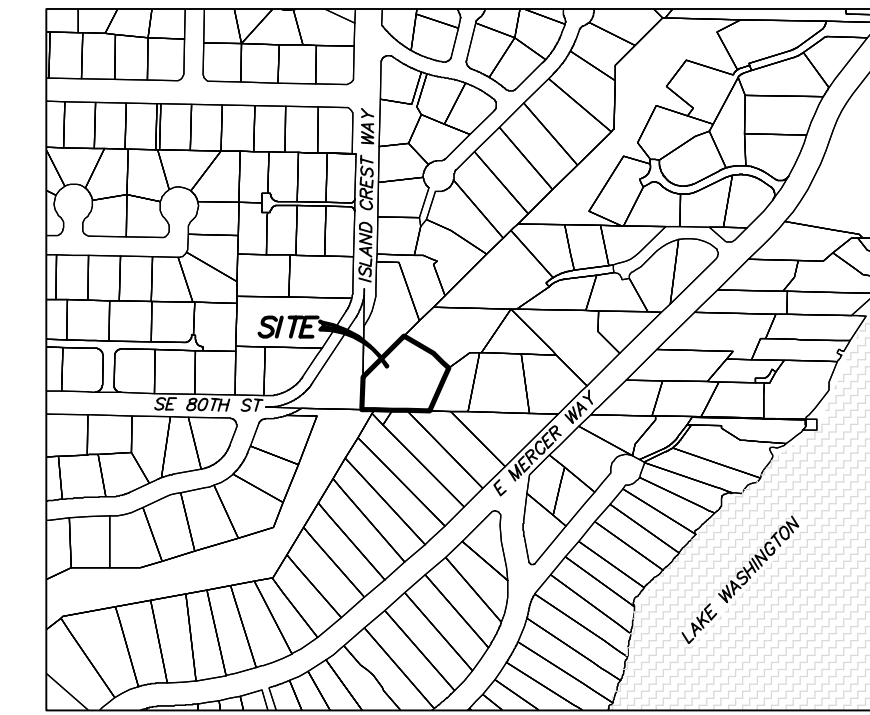


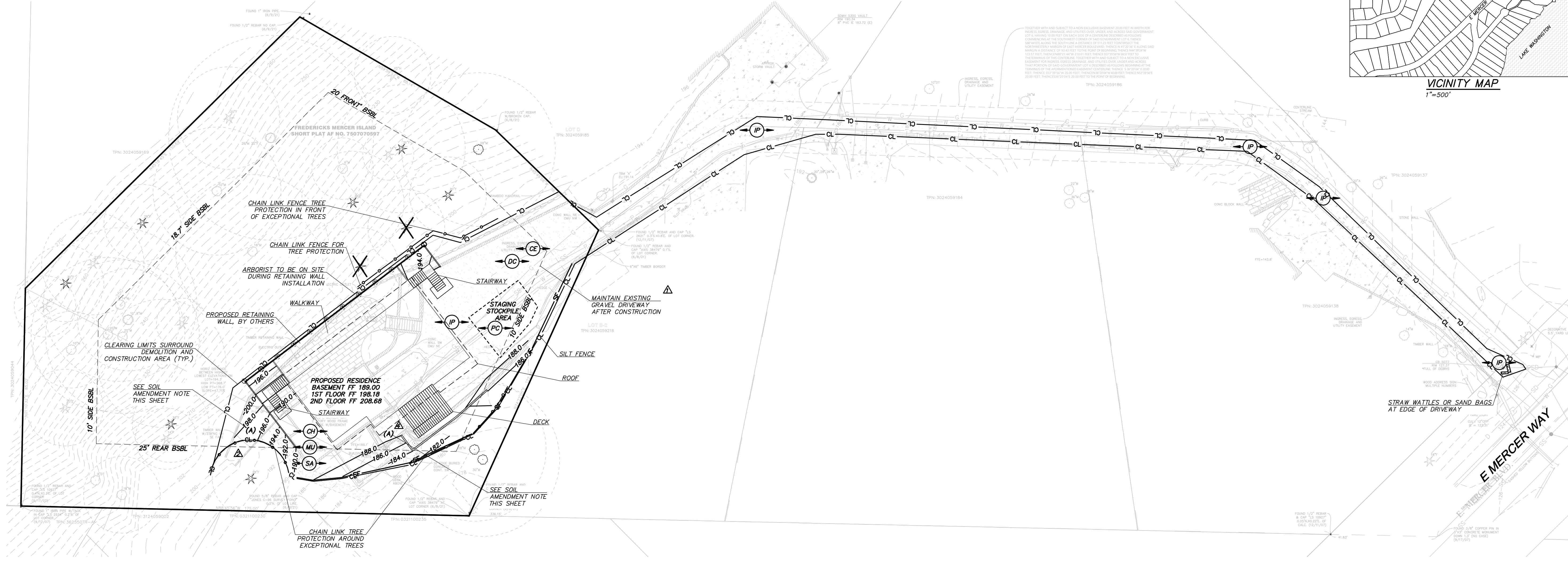
SW 1/4 SECTION 30, TOWNSHIP 24 N, RANGE 4 E, W.M.
7929 E. MERCER WAY



DRS
D.R. STRONG CONSULTING ENGINEERS
 ENGINEERS PLANNERS SURVEYORS
 620 - 7th AVENUE KIRKLAND, WA 98033
 O 425.827.3063 F 425.827.2423

**7929 EAST MERCER WAY
 MERCER ISLAND RESIDENCE**
 TESC PLAN
 PARCEL NO. 3024059176
 7929 EAST MERCER WAY
 MERCER ISLAND, WA 98040

HOA HOANG
 7929 E MERCER WAY
 MERCER ISLAND WA 98040



GENERAL EROSION CONTROL NOTES:

ALL DISTURBED AREAS SHALL BE STABILIZED USING TYPICAL TESC BMP'S. THE LIMITS OF DISTURBANCE WILL BE DELINEATED WITH HIGH VISIBILITY CONSTRUCTION FENCING. DURING CONSTRUCTION SILT FENCES WILL BE PLACED DOWN SLOPE OF DISTURBED AREAS ALONG WITH STRAW MATTING, NETS, OR PLASTIC COVERING OVER EXPOSED SOIL OR STOCKPILES. TREES TO BE RETAINED WILL BE PROTECTED WITH HIGH VISIBILITY CONSTRUCTION FENCING.

AT THE COMPLETION OF THE PROJECT ALL DISTURBED AREAS WILL BE STABILIZED WITH COMPOST AMENDED SOILS AND HYDROSEEDING OR SOD.

SITE VOLUME CALCULATIONS

CUT VOLUME (CU. YDS.)	FILL VOLUME (CU. YDS.)	NET VOLUME (CU. YDS.)
493	56	437 CUT

ALL VOLUMES ARE APPROXIMATE AND ARE PROVIDED FOR PERMITTING PURPOSES AND REPRESENT FINISH GRADE TO EXISTING GRADE AS SHOWN. CONTRACTOR SHALL RELY ON HIS/HER OWN ESTIMATES FOR DETERMINING ACTUAL EARTHWORK QUANTITIES. THE VOLUMES DO NOT INCLUDE STRIPPING, STRUCTURAL OR VAULT EXCAVATION, EXPANSION/COMPACTION FACTOR OR ANY SOIL TYPE RESTRICTIONS.

GRADING NOTE:

TOTAL AREA TO BE DISTURBED ON-SITE.....9,763 S.F.
 TOTAL AREA TO BE DISTURBED OFF-SITE.....1,535 S.F.
 TOTAL AREA TO BE DISTURBED FOR PROJECT.. 11,298 S.F.
 FILL SHALL CONSIST OF SUITABLE MATERIAL ORIGINATING FROM THE SITE OR FROM AN APPROVED SUPPLIER.

SOIL AMENDMENT NOTE:

AREA (A): STOCKPILE SITE DUFF AND TOPSOIL FOR ALL DISTURBED PERVIOUS AREAS AND REAPPLY WITH SOIL AMENDMENT AFTER GRADING AND CONSTRUCTION. MINIMUM SCARIFICATION DEPTH 8-INCHES. PROVIDE A TOTAL OF 15 C.Y. OF AMENDMENT OVER AN AREA OF 600 S.F.

ON-SITE SOILS:

THE ENTIRE SITE CONTAINS KITSAP SILT LOAM (KpD) SOILS PER THE NRCS SOIL MAP.

P.E. CERTIFICATION FOR SECTION B:

I HEREBY STATE THAT THIS CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN FOR 7929 E. MERCER WAY HAS BEEN PREPARED BY ME OR UNDER MY SUPERVISION AND MEETS THE STANDARD OF CARE AND EXPERTISE WHICH IS USUAL AND CUSTOMARY IN THIS COMMUNITY FOR PROFESSIONAL ENGINEERS. I UNDERSTAND THAT THE CITY OF MERCER ISLAND DOES NOT AND WILL NOT ASSUME LIABILITY FOR THE SUFFICIENCY, SUITABILITY, OR PERFORMANCE OF CONSTRUCTION SWPPP BMP'S PREPARED BY ME.

LEGAL DESCRIPTION: (BY SURVEYOR)

NO EASEMENTS, RESTRICTIONS, OR RESERVATIONS OF RECORD WHICH WOULD BE DISCLOSED BY TITLE REPORT ARE SHOWN.

THAT PORTION OF GOVERNMENT LOT 6, SECTION 30, TOWNSHIP 24 NORTH, RANGE 5 EAST, W.M., IN KING COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:
 BEGINNING AT THE SOUTHWEST CORNER OF SAID GOVERNMENT LOT 6;
 THENCE N 112°23' E ALONG THE WEST LINE OF SAID GOVERNMENT LOT 6 A DISTANCE OF 85.02 FEET;
 THENCE N 45°20'36" E ALONG THE NORTHWESTERLY LINE OF THAT CERTAIN TRACT OF LAND RECORDED UNDER AUDITOR'S FILE NO. 4076342, RECORDS OF SAID COUNTY, A DISTANCE OF 150.69 FEET;
 THENCE S 59°58'04" E 88.14 FEET;
 THENCE S 45°48'09" E 56.15 FEET;
 THENCE S 24°24'15" W 122.46 FEET TO INTERSECT THE SOUTH LINE OF SAID GOVERNMENT LOT 6;
 THENCE N 88°44'07" W ALONG SAID SOUTH LINE A DISTANCE OF 175.00 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH AND SUBJECT TO A NON EXCLUSIVE EASEMENT 20.00 FEET IN WIDTH FOR INGRESS, EGRESS, DRAINAGE, AND UTILITIES OVER, UNDER, AND ACROSS SAID GOVERNMENT LOT 6, HAVING 10.00 FEET ON EACH SIDE OF A CENTERLINE DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID GOVERNMENT LOT 6;
 THENCE S 88°44'07" E ALONG THE SOUTH LINE A DISTANCE OF 511.23 FEET TO INTERSECT THE NORTHWESTERLY MARGIN OF EAST MERCER BOULEVARD;
 THENCE N 45°20'36" E ALONG SAID MARGIN A DISTANCE OF 93.43 FEET TO THE POINT OF BEGINNING;
 THENCE N 44°39'24" W 123.57 FEET;
 THENCE N 88°21'44" W 210.01 FEET;
 THENCE S 53°39'56" W 68.57 FEET TO THE TERMINUS OF THIS CENTERLINE.

TOGETHER WITH AND SUBJECT TO A NON EXCLUSIVE EASEMENT FOR INGRESS, EGRESS DRAINAGE, AND UTILITIES OVER, UNDER AND ACROSS THAT PORTION OF SAID GOVERNMENT LOT 6 DESCRIBED AS FOLLOWS:

BEGINNING AT THE TERMINUS OF THE AFORESAID EASEMENT CENTERLINE;
 THENCE S 36°20'04" E 20.00 FEET;
 THENCE S 53°39'56" W 20.00 FEET;
 THENCE N 36°20'04" W 40.00 FEET;
 THENCE N 53°39'56" E 20.00 FEET;
 THENCE S 36°20'04" E 20.00 FEET TO THE POINT OF BEGINNING.

SURVEY NOTES:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONCLUDED ON MAY 11, 2022 AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

THIS SURVEYOR HAS MADE NO INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.

PARCEL BOUNDARY LEGAL DESCRIPTION AND EASEMENT SHOWN IS BASED ON SHORT PLAT RECORDED UNDER AUDITOR'S FILE NO. 7507070597.

UNDERGROUND UTILITIES WERE LOCATED BASED ON THE SURFACE EVIDENCE OF UTILITIES (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.

2" CONTOUR INTERVAL DERIVED FROM DIRECT FIELD OBSERVATION.

THIS SURVEY MEETS UNITED STATES NATIONAL MAP ACCURACY STANDARDS FOR VERTICAL ACCURACY OF ONE HALF THE CONTOUR INTERVAL.

CONSTRUCTION SEQUENCE

- ARRANGE AND ATTEND A PRE-CONSTRUCTION MEETING WITH THE CITY INSPECTOR.
- FLAG OR FENCE CLEARING LIMITS.
- CALL ONE-CALL UTILITY LOCATE SERVICE PRIOR TO ANY EXCAVATION WORK.
- GRADE ACCESS ROAD & CONSTRUCT/INSTALL ROCK CONSTRUCTION ENTRANCE IF NECESSARY.
- INSTALL PERIMETER PROTECTION (SILT FENCE, BRUSH BARRIER, ETC.).
- INSTALL SHORING WALL.
- CONSTRUCT RESIDENCE AND OTHER SITE IMPROVEMENTS.
- MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH CITY OR COUNTY STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.
- MAINTAIN ACCESS TO OFF-SITE ROADS AND DRIVEWAYS AT ALL TIMES DURING THE DURATION OF THE PROJECT.
- RELOCATE EROSION CONTROL MEASURES OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE WITH THE CITY TESC MINIMUM REQUIREMENTS.
- COVER ALL AREAS THAT WILL BE UNWORKED FOR MORE THAN SEVEN DAYS DURING THE DRY SEASON OR TWO DAYS DURING THE WET SEASON WITH STRAW, WOOD FIBER MULCH, COMPOST, PLASTIC SHEETING OR EQUIVALENT.
- STABILIZE ALL AREAS THAT REACH FINAL GRADE WITHIN SEVEN DAYS.
- SEED OR SOD ANY AREAS TO REMAIN UNWORKED FOR MORE THAN 30 DAYS.
- UPON COMPLETION OF THE PROJECT, ALL DISTURBED AREAS MUST BE STABILIZED AND BMP'S REMOVED IF APPROPRIATE AFTER ACCEPTANCE BY INSPECTOR.

BENCHMARK: (BY SURVEYOR)

ORIGINATING BENCHMARK: CITY OF MERCER ISLAND CONTROL POINT 4315, FOUND 3/8" PIN IN CONCRETE MONUMENT DOWN 0.8" IN CASE.
 ELEVATION: 100.39
 TEMPORARY BENCHMARKS:
 TBM 'A'
 SET CHISELED SQUARE ±19.6' NORTHEASTERLY OF EASTERMOST LOT CORNER.
 ELEVATION: 191.14

BASIS OF BEARINGS: (BY SURVEYOR)

HELD A BEARING OF NORTH 38°04'48" EAST BETWEEN CITY OF MERCER ISLAND CONTROL POINTS 1693 & 4315.

REFERENCES: (BY SURVEYOR)

- PLAT OF AVALON PARK RECORDED IN VOLUME 49 OF PLATS PAGES 64-65.
- RECORD OF SURVEY RECORDED IN VOLUME 19 OF SURVEYS PAGE 38.
- SHORT PLAT NO. 85-03-04 RECORDED UNDER RECORDING NUMBER 20031013900001.
- RECORD OF SURVEY RECORDED IN VOLUME 60 OF SURVEYS PAGE 18.
- SHORT PLAT NO. 87-04-01 RECORDED UNDER RECORDING NUMBER 8705219006.
- BOUNDARY LINE ADJUSTMENT RECORDED IN VOLUME 30 OF SURVEYS PAGE 140-140A.

TESC LEGEND:

- FOR ADDITIONAL TESC DETAILS REFER TO DOE 2012 SWMMWW
- CL CONSTRUCTION LIMITS, TO BE FLAGGED OR FENCED WHEN NO SILT FENCE IS PROPOSED (BMP C103)
 - SF SILT FENCE IS PROPOSED (BMP C233)
 - STRAW WATTLES (BMP C235)
 - CE STABILIZED CONSTRUCTION ENTRANCE (BMP C105)
 - IP INLET PROTECTION (BMP C220)
 - DC DUST CONTROL (BMP C140)
 - MU MULCHING, MATTING, & COMPOST BLANKETS (BMP C121, BMP C125)
 - PS PERMANENT SEEDING AND PLANTING (BMP C120)
 - SA POST-CONSTRUCTION SOIL AMENDMENT QUALITY & DEPTH (BMP C120)
 - CH CONCRETE HANDLING (BMP C151)
 - PC PLASTIC COVERING (BMP C123)
 - Tree symbols: TREE TO BE REMOVED, TREE TO BE SAVED, PROVIDE TREE PROTECTION FENCING PER ARBORIST RECOMMENDATIONS, EXCEPTIONAL TREES

SHEET INDEX:

- C1 OF 7 COVER SHEET & T.E.S.C. PLAN
- C2 OF 7 T.E.S.C. NOTES & DETAILS
- C3 OF 7 STORM DRAINAGE PLAN
- C4 OF 7 STORM DRAINAGE PROFILE
- C5 OF 7 NOTES & DETAILS
- C6 OF 7 NOTES & DETAILS
- C7 OF 7 TREE RETENTION PLAN

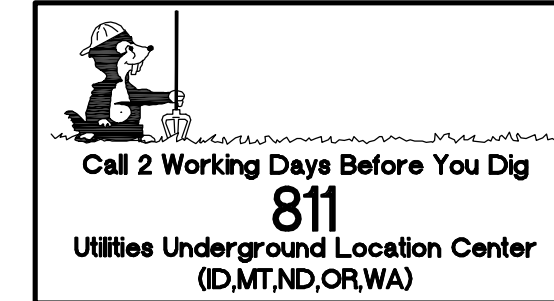
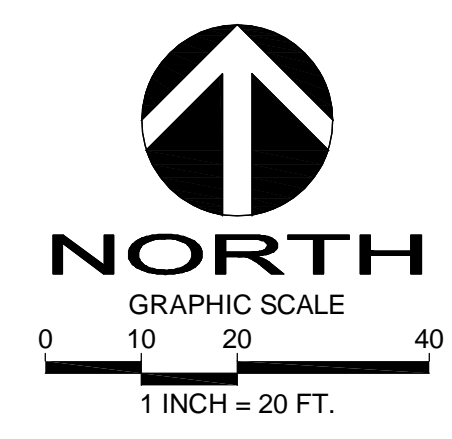
PROJECT CONTACTS:

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 PUYALLUP, WASHINGTON 98373
 425.235.8440
 CONTACT: CHRIS FOX



DATE	REVISION	BY	FOR
11.20.23	CITY COMMENTS	YLP	YLP
3.28.24	CITY COMMENTS	YLP	YLP
8.7.24	CITY COMMENTS	YLP	YLP
10.6.25	SITE PLAN REVISION	YLP	YLP
1.21.26	SITE PLAN REVISION	YLP	YLP

DRAFTED BY: RMF
 DESIGNED BY: RMF
 PROJECT ENGINEER: YLP
 DATE: 12.29.22
 PROJECT NO.: 21125

DRAWING: C1
 SHEET: 1 OF 7