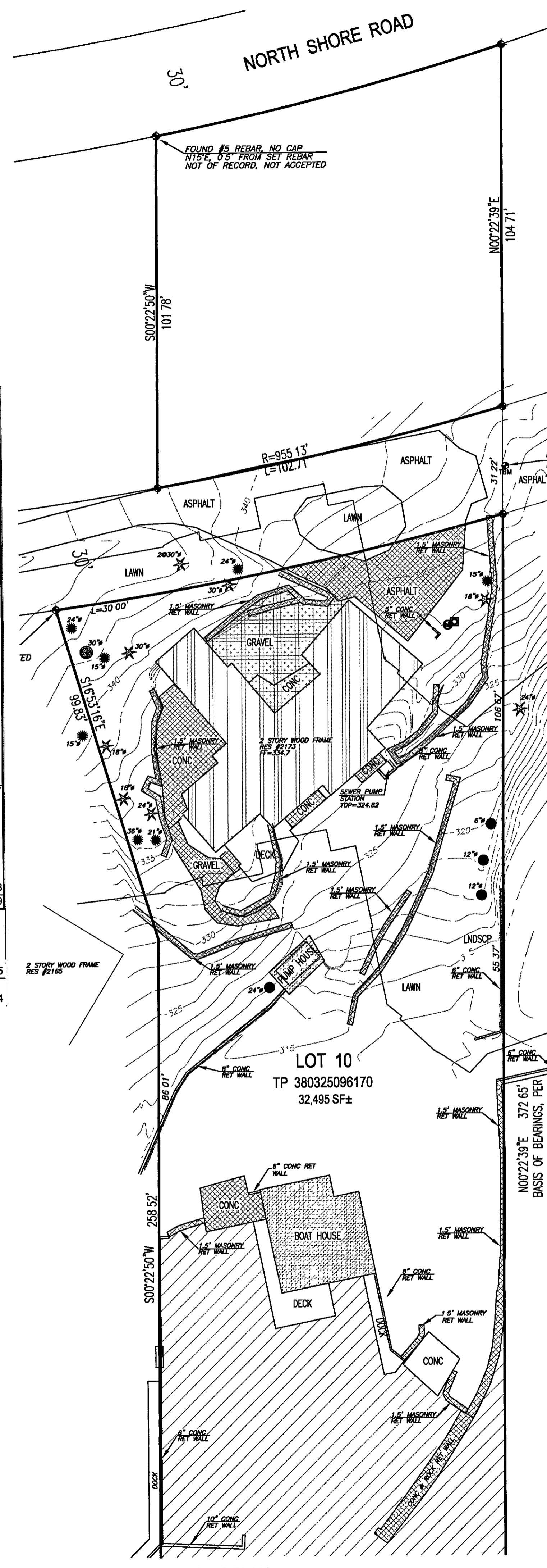


Shoreline Substantial Development Permit Application
Estimate of Regrading Volumes Associated with Existing House Replacement
Parcel 380325 096170 0000
2173 North Shore Road

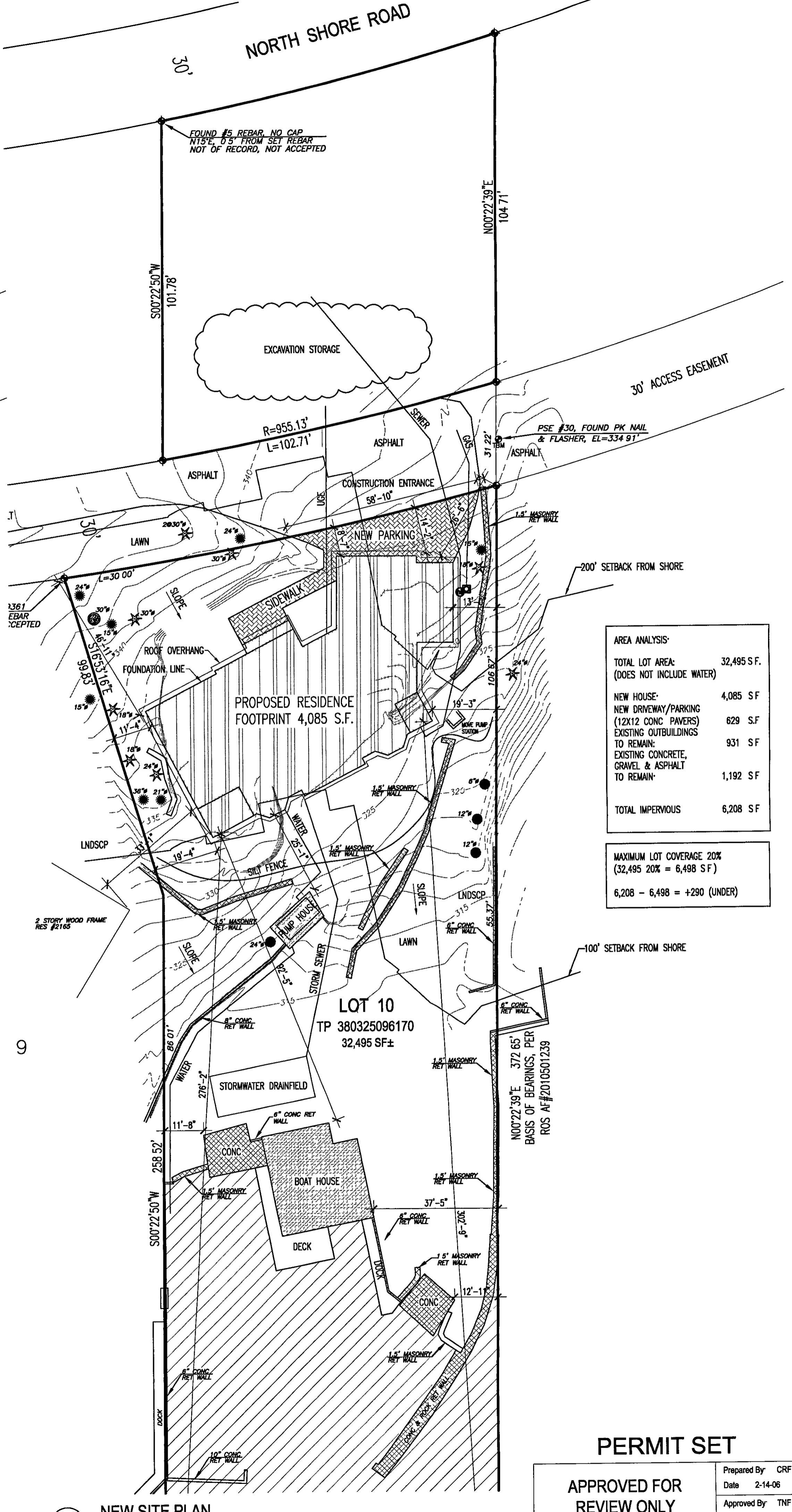
Concrete & Conc Block Demolition	Feet	Feet	Sq Ft	Thick-Ft	Cu Ft	cf/cy	Cu Yds	Sum CY
Remove Basement Wall	24	8	192	0.67	129	27	5	
Remove Basement Wall	24	8	192	0.67	129	27	5	
Remove Basement Wall	12	8	96	0.67	64	27	2	
Remove Basement Wall	40	8	320	0.67	214	27	8	
Remove Basement Floor	40	24	960	0.33	317	27	12	
Remove Bedrm footing wall	60	2	120	0.67	80	27	3	
Remove Bedrm footing	60	2	120	0.67	80	27	3	
Remove Garage Floor	24	20	480	0.33	158	27	6	44
Earth Excavation (net removal)								
Increase basement from 900 to 2800 sf		Sq Ft	Deep					
Excav in front of existing basement	60	8	480	8	3840	27	142	
Excav west end of existing	8	16	128	8	1024	27	38	
Excav south west corner of existing	20	10	200	8	1600	27	59	
Excav east end under existing garage	18	9	162	8	1296	27	48	
Excav east end south of ex garage	18	7	126	7	882	27	33	
Excav new garage footings	100	1.5	150	2	300	27	11	
Excav 6" under new garage	25	36	900	0.5	450	27	17	
Excav 6" for new part of bsmt on s side	40	7	280	0.5	140	27	5	
Excav footing south side new house	50	2	100	2	200	27	7	
Excav misc porch & column fns	20	8	160	2	320	27	12	
Remove existing driveway paving	40	20	800	0.5	400	27	15	387
Replacement Gravel & Rock								
Footing drain rock around basement	300	1.5	450	0.67	302	27	11	
Drain rock under basement slab	68.5	38.5	2637.25	0.33	870	27	32	
Drain rock under garage floor	35	24	840	0.33	277	27	10	
Misc pipe trench pipe-zone pea-gravel	130	2	260	0.5	130	27	5	58
TOTAL REGRADING VOLUME								
489								
Excav & backfill replaced on site								
Perimeter of basement & Columns	230	2	460	8	3680	27	136	
Pipe trenches	130	2	260	4	1040	27	39	175
664								

3 EXCAVATION & FILL CALCULATIONS



EXISTING AREA ANALYSIS

TOTAL LOT AREA (DOES NOT INCLUDE WATER)	32,495 S.F.
EXISTING HOUSE	2,570 S.F.
EXISTING OUTBUILDINGS	931 S.F.
EXISTING CONCRETE, GRAVEL & ASPHALT	4,052 S.F.
TOTAL IMPERVIOUS	7,553 S.F.



AREA ANALYSIS

TOTAL LOT AREA (DOES NOT INCLUDE WATER)	32,495 S.F.
NEW HOUSE/PARKING (12X12 CONC PAVERS)	4,085 S.F.
EXISTING OUTBUILDINGS TO REMAIN	629 S.F.
EXISTING CONCRETE, GRAVEL & ASPHALT TO REMAIN	931 S.F.
TOTAL IMPERVIOUS	1,192 S.F.

MAXIMUM LOT COVERAGE 20%
(32,495 20% = 6,498 SF)
6,208 - 6,498 = +290 (UNDER)

PERMIT SET
APPROVED FOR REVIEW ONLY
Prepared By: CRF
Date: 2-14-06
Approved By: TNF
Date: 2-16-06

PROFESSIONAL CORPORATION
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AD BD
ASSOCIATION OF DESIGNERS
REGISTERED PROFESSIONAL DESIGNERS

CUSTOM RESIDENTIAL DESIGN FOR:
STEVE LACKEY
2173 NORTHSORE DR.
BELLINGHAM, WA 98226

CUSTOMER: LACKEY
PROJECT NO: 05-128
DRAWN BY: TNF, CRF
CHECKED BY: TNF
DATE: 2-16-06

ISSUED PLAN DATES & REVISIONS
PERMIT SUBMITTAL 2-17-06

SITE PLAN

A1.1

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