PROSPECT POINTE WEST

A SINGLE FAMILY DEVELOPMENT

SUPERIOR TOWNSHIP, WASHTENAW COUNTY, MICHIGAN PRELIMINARY SITE PLAN

PROJECT CONTACTS

DEVELOPER / APPLICANT DIVERSE REAL ESTATE LLC 13001 23 MILE ROAD, SUITE 200 SHELBY TWP, MICHIGAN 48315 CONTACT: GREG WINDINGLAND

PHONE: (586) 781-2364

CIVIL ENGINEER

ATWELL, LLC TWO TOWNE SQUARE, SUITE 700 SOUTHFIELD, MICHIGAN 48076 CONTACT: JOHN ACKERMAN PHONE: (248) 447-2000

LEGAL DESCRIPTION

DESCRIPTION OF 67.63 ACRE OF LAND LOCATED IN THE NORTHWEST 1/4 OF SECTION 33, TOWN 2 SOUTH, RANGE 7 EAST, SUPERIOR TOWNSHIP, WASHTENAW COUNTY, MICHIGAN: (AS

S14°52'00"W) 85.12 FEET, S04°44'49"W (PLATTED AS S05°59'59"W) 89.33 FEET, S08°01'14"E (PLATTED AS S07°46'04"E) 81.01 FEET, S19°49'12"E (PLATTED AS S19°34'02"E) 76.46 FEET, S28°36'23"E (PLATTED AS \$28°21'13"E) 40.86 FEET, \$36°50'24"E (PLATTED AS \$36°35'14") 69.56 FEET, S47°03'42"W (PLATTED AS S47°18'52"W) 95.59 FEET, S04°56'41"W (PLATTED AS S05°11'51"W) 120.87 FEET, S14°29'11"E (PLATTED AS S14°14'01"E) 63.68 FEET, S50°10'13"E (PLATTED AS S49°55'03"E) 129.94 FEET, S89°37'53"E (PLATTED AS S89°22'43"E) 133.38 FEET, N53°09'36"E (PLATTED AS N53°24'46"E) 62.06 FEET, S36°50'24"E (PLATTED AS S36°35'14"E) 85.67 FEET, S25°39'53"E (PLATTED AS \$25°24'43"E) 44.78 FEET, \$12°08'48"E (PLATTED AS \$11°53'38"E) 36.45 FEET, \$03°10'48"W (PLATTED AS S03°25'58"W) 173.12 FEET, S13°51'38"E (PLATTED AS S13°36'28"E) 37.88 FEET, \$14°58'30"E (PLATTED AS \$14°43'20"E) 14.00 FEET, \$16°17'53"E (PLATTED AS \$16°02'43"E) 42.30 FEET, S27°56'27"E (PLATTED AS S27°41'17"E) 80.08 FEET, S40°21'48"E (PLATTED AS S40°06'38"E) 75.94 FEET, S50°50'05"E (PLATTED AS S50°34'55"E) 75.85 FEET, S57°55'06"E (PLATTED AS S57°39'56"E) 98.34 FEET, N32°04'54"E (PLATTED AS N32°20'04"E) 120.00 FEET, S57°55'06"E (PLATTED AS S57°39'56"E) 112.81 FEET, S32°04'54"W (PLATTED AS S32°20'04"W) 120.00 FEET, S61°33'56"E (PLATTED AS \$61°18'46"E) 74.87 FEET AND \$70°08'30"E (PLATTED AS \$69°53'20"E) 160.87 FEET; THENCE ALONG THE WESTERLY LINE OF SAID PROSPECT POINTE SUBDIVISION NO. 1 FOR THE FOLLOWING 7 COURSES: 118.83 FEET ALONG THE ARC OF A 263.00 FOOT RADIUS NON TANGENTIAL CIRCULAR CURVE TO THE RIGHT, CHORD BEARING S34°35'35"W 117.82 FEET. S47°32'14"W (PLATTED AS S47°47'24"W) 48.01 FEET, S42°27'46"E 135.80 FEET (RECORDED AS S42°12'36"E 135.08 FEET AND PLATTED AS S42°12'36"E 135.80 FEET), S69°28'35"E (PLATTED AS S69°13'25"E) 162.02 FEET, S19°15'30"E (PLATTED AS S19°00'20"E) 125.77 FEET, S07°37'05"W (PLATTED AS S07°52'15") 120.86 FEET, S39°20'09"W (PLATTED AS S39°35'19"W) 126.12 FEET TO THE PLACE OF BEGINNING, CONTAINING 67.63 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO THE RIGHTS OF THE PUBLIC OVER THE NORTHERLY 33 FEET THEREOF AS OCCUPIED BY SAID GEDDES ROAD AND SUBJECT TO EASEMENTS, CONDITIONS, RESTRICTIONS AND EXCEPTIONS OF RECORD, IF ANY.

PROJECT NARRATIVE

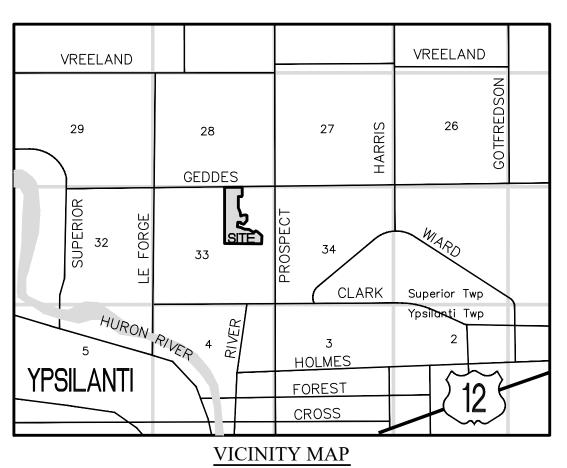
PROSPECT POINTE WEST IS LOCATED AT THE SOUTHWEST CORNER OF GEDDES ROAD AND PROSPECT ROAD, WEST OF HUNTERS CREEK DRIVE IN SUPERIOR TOWNSHIP. THIS PARCEL WAS ORIGINALLY PART OF THE PROSPECT POINTE DEVELOPMENT, A PLATTED SUBDIVISION, WHICH WAS PERMITTED THROUGH SUPERIOR TOWNSHIP APPROXIMATELY 10 YEARS AGO. PROSPECT POINTE WEST IS 67.63 ACRES AND IS ZONED R-4, SINGLE FAMILY RESIDENTIAL DISTRICT, URBAN.

THE APPLICANT IS PROPOSING TO DEVELOP THE PROJECT AS A 157 - UNIT SITE CONDOMINIUM. THE PROPOSED LOT DIMENSIONS ARE 66' X 130' WITH A MINIMUM LOT SIZE OF 8,580 SF. THE HOMES WILL RANGE IN SIZE FROM 2,000 TO 3,200 SF. THE INTENT IS TO PREPARE ONE SITE PLAN FOR THE OVERALL DEVELOPMENT AND THEN THE DEVELOPMENT WILL BE CONSTRUCTED IN 4 PHASES. THERE ARE SOME TOPOGRAPHIC CHALLENGES WITH THE SITE AND, AS SUCH, THE ENTIRE SITE WILL BE REQUIRED TO BE MASS GRADED IN ORDER TO MINIMIZE IMPORT AND EXPORT OF MATERIAL FROM THE SITE. THE FULL GRADING WILL BE INCLUDED AS PART OF THE FIRST PHASE OF CONSTRUCTION DOCUMENTS.

PROSPECT POINTE WEST IS PROPOSED TO CONTAIN PRIVATE ROADS WITH SIDEWALKS ON BOTH SIDES, WHICH HAVE ALREADY RECEIVED APPROVAL FROM THE COUNTY ROAD COMMISSION BASED ON THE PREVIOUSLY APPROVED PLANS FOR THE PROJECT. THE DEVELOPMENT WILL BE SERVICED BY PUBLIC SANITARY SEWER WHICH WILL BE DESIGNED AS AN EXTENSION OFF OF THE EXISTING PROSPECT POINTE DEVELOPMENT. PUBLIC WATER WILL ALSO BE EXTENDED FROM THE EXISTING SUBDIVISION.



OVERALL DEVELOPMENT MAP



SHEET INDEX

SH. #	SHEET TITLE
01	COVER SHEET
02	OVERALL EXISTING CONDITIONS
03	EXISTING CONDITIONS - AREA 1
04	EXISTING CONDITIONS - AREA 2
05	EXISTING CONDITIONS - AREA 3
06	EXISTING CONDITIONS - AREA 4
07	NATURAL FEATURES PLAN
08	OVERALL LAYOUT PLAN
09	LAYOUT PLAN - NORTH
10	LAYOUT PLAN - SOUTH
11	UTILITIES PLAN - NORTH
12	UTILITIES PLAN - SOUTH
13	CONCEPTUAL DRAINAGE PLAN
14	DETENION BASIN CALCULATIONS
15	LANDSCAPE PLAN
16	TYPICAL DETAILS

GROSS AREA:	67.63 ACRES
GEDDES ROAD ROW:	1.15 ACRES
NET AREA:	66.48 ACRES
EXISTING ZONING:	R-4 SINGLE FAMILY RESIDENTIAL
PROPOSED ZONING:	R-4 SINGLE FAMILY RESIDENTIAL
PROPOSED USE:	SINGLE FAMILY RESIDENTIAL SITE CONDOM
NUMBER OF PROPOSED LOTS:	157
PROPOSED DENSITY (GROSS):	2.32
PROPOSED DENSITY (NET):	2.36
LOT AREA PER DWELLING UNIT:	66' X 130' = 8580 SF (TYPICAL)
MINIMUM LOT WIDTH:	66'
LOT SETBACKS:	
FRONT-	25'
SIDE-	6' MIN. (16' TOTAL)
REAR-	35'

MAX 25% PROPOSED LOT COVERAGE:

PROPOSED GENERAL COMMON ELEMENT (G.C.E.): 21.44 ACRES

WETLAND IMPACTS: REGULATED 0.64 ACRES 0.51 ACRES NON-REGULATED

PHASING SCHEDULE

	CONSTRUCTION	COMPLETION
PHASE I (39 UNITS)	NOVEMBER 2021	JULY 2023
PHASE II (45 UNITS)	JUNE 2024	6 MONTHS +/- FROM START
PHASE III (26 UNITS)	JUNE 2025	6 MONTHS +/- FROM START
PHASE IV (47 UNITS)	JUNE 2026	6 MONTHS +/- FROM START
(SUBJECT TO ECONOMIC AN	ND OTHER FACTORS)	

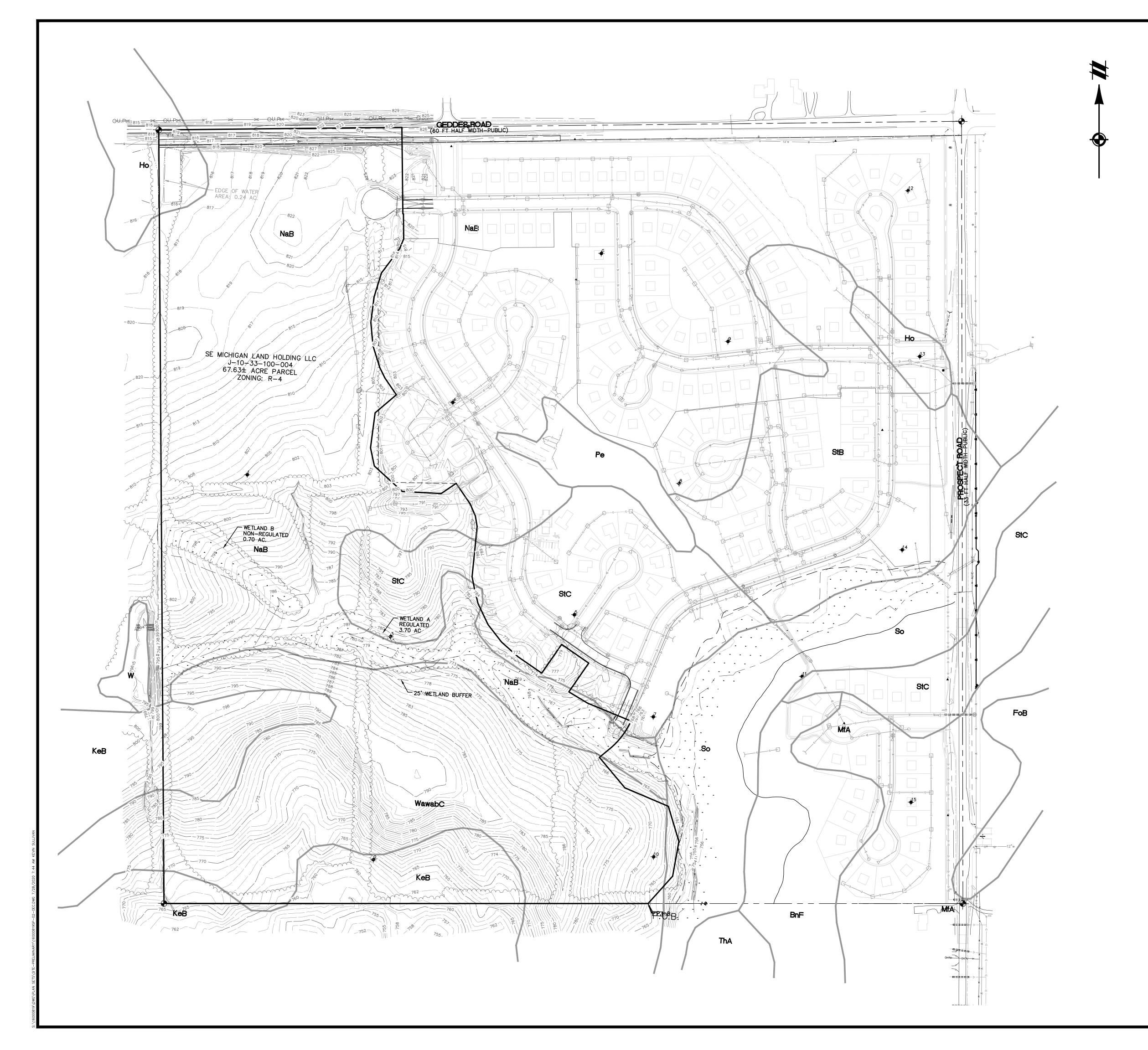
(SUBJECT TO ECONOMIC AND OTHER FACTORS) ESTIMATED DATE OF FIRST OCCUPANCY FEBRUARY 2022

OCTOBER 2, 2019

2019-10-30 PER TWP. 2020-7-28 PER CLIENT

= 200 FEET DR. KS ∥CH. JK P.M. J. ACKERMAN

JOB 16000819





SOIL BORE ID	NORTHING	EASTING	ELEVATIO		
	(SPC MI S)	(SPC MI S)	(NAVD 88)		
SB-1	283170.7	13327402.1	816.7		
SB-2	283047.3	13327940.1	818.1		
SB-3	282510.8	13327990.3	805.4		
SB-4	282477.0	13327411.2	815.0		
SB-5	281831.7	13327622.6	790.9		
SB-6	281734.0	13328261.8	778.6		
SB-7	281485.7	13328494.5	775.2		
SB-8	281332.6	13328707.7	772.7		
SB-9	280930.7	13329088.4	765.0		
SB-10	280854.1	13328352.8	762.1		
SB-11	280855.9	13328103.7	759.7		
SB-12	280823.7	13327639.4	765.8		

SOILS INFORMATION

- BNC BOYER LOAMY SAND, 6 TO 12 PERCENT SLOPES
- BNF BOYER LOAMY SAND, 25 TO 50 PERCENT SLOPES FOB FOX SANDY LOAM, TILL PLAIN, 2 TO 6 PERCENT SLOPES
- HO HOYTVILLE SILTY CLAY LOAM
- KEB KENDALLVILLE LOAM, 2 TO 6 PERCENT SLOPES
- MDA MATHERTON SANDY LOAM, 0 TO 4 PERCENT SLOPES
- MFA METAMORA SANDY LOAM, 0 TO 4 PERCENT SLOPES NAB NAPPANEE SILTY CLAY LOAM, 2 TO 6 PERCENT SLOPES
- OSB OSHTEMO LOAMY SAND, 0 TO 6 PERCENT SLOPES
- PE PEWAMO CLAY LOAM, 0 TO 2 PERCENT SLOPES SB | SEBEWA LOAM, DISINTEGRATION MORAINE, 0 TO 2 PERCENT SLOPES
- SO SLOAN SILT LOAM, WET SPB | SPINKS LOAMY SAND, 0 TO 6 PERCENT SLOPES
- STB ST. CLAIR CLAY LOAM, 2 TO 6 PERCENT SLOPES
- STC ST. CLAIR CLAY LOAM, 6 TO 12 PERCENT SLOPES THA THETFORD LOAMY SAND, 0 TO 4 PERCENT SLOPES

WAWABC WAWASEE LOAM, 6 TO 12 PERCENT SLOPES

LEGEND	
	BOUNDARY LINE EXISTING EASEMENT SECTION LINE BOUNDARY/PROPERTY LINE EXISTING CONTOUR EXISTING TREE LINE EXISTING CURB AND GUTTER EXISTING FENCE
	EXISTING BUILDING
	EXISTING STRUCTURE EXISTING WALL EXISTING WATER MAIN EXISTING SANITARY EXISTING GAS EXISTING OVERHEAD ELECTRICAL LINE EXISTING OVERHEAD TELEPHONE LINE EXIST. CULVERT EXIST. CATCH BASIN/INLET EXIST. HYDRANT EXIST. VALVE EXIST. SANITARY SEWER EXIST. UNSPECIFIED UTILITY
	EXISTING WETLAND
	EXISTING WETLAND BUFFER
FoB	EXISTING SOILS LIMIT EXISTING SOILS TYPE

EXISTING SOIL BORING



Know what's **below.** Call before you dig.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NOTICE:

CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR; NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENCAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

COPYRIGHT © 2019 ATWELL LLC NO REPRODUCTION SHALL BE MADE WITHOUT THE PRIOR WRITTEN CONSENT OF ATWELL LLC



OCTOBER 2, 2019

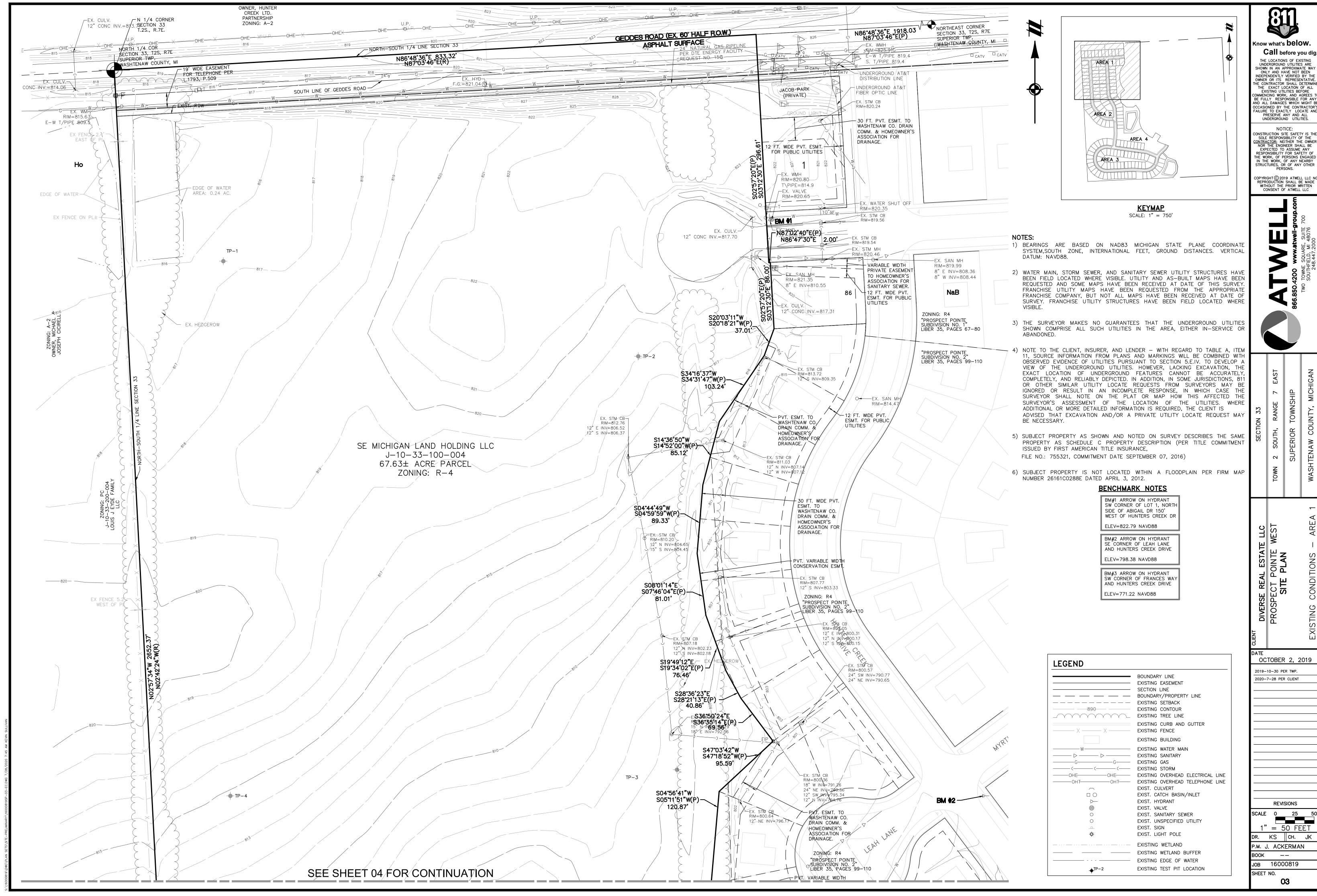
2019-10-30 PER TWP. 2020-7-28 PER CLIENT

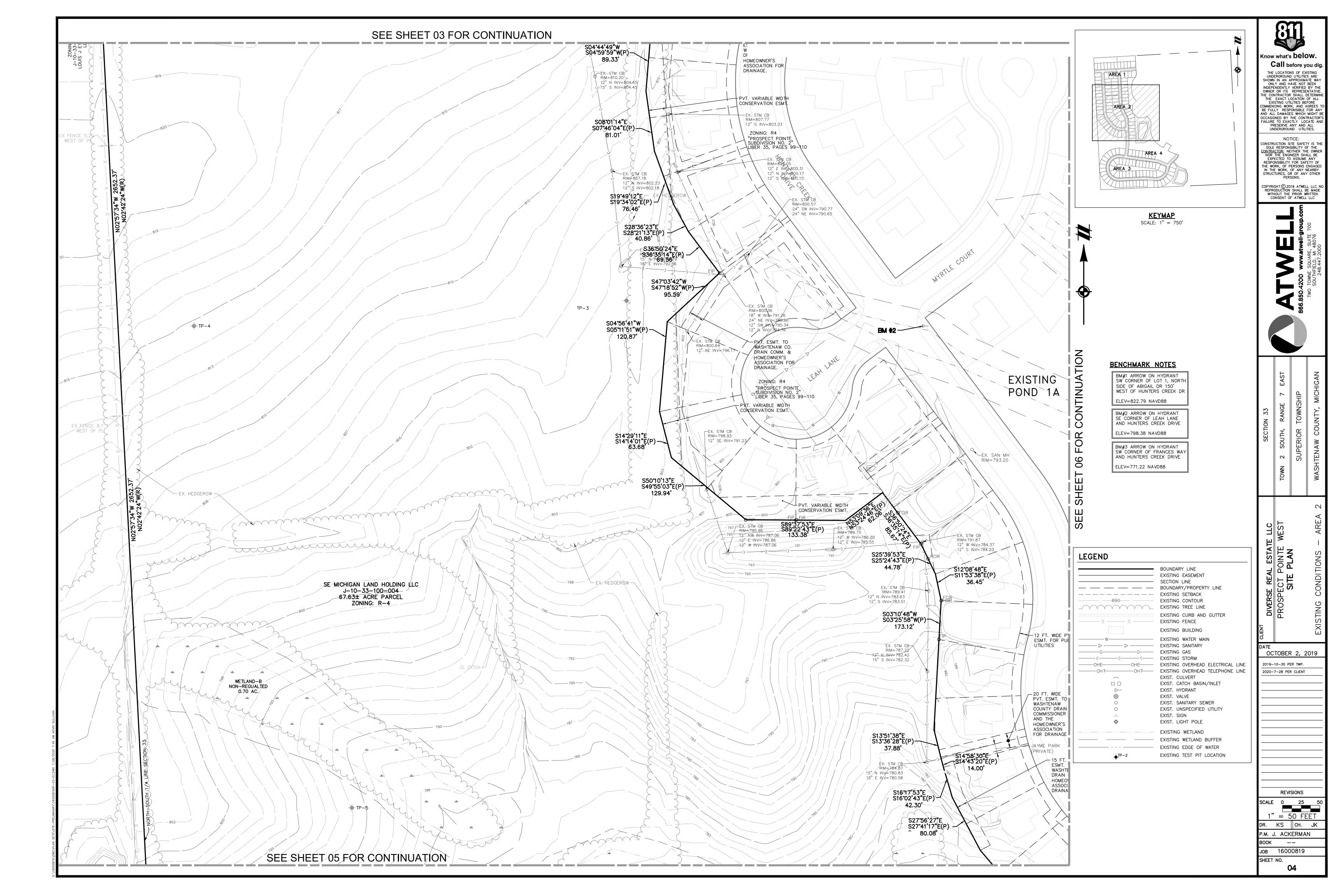
REVISIONS

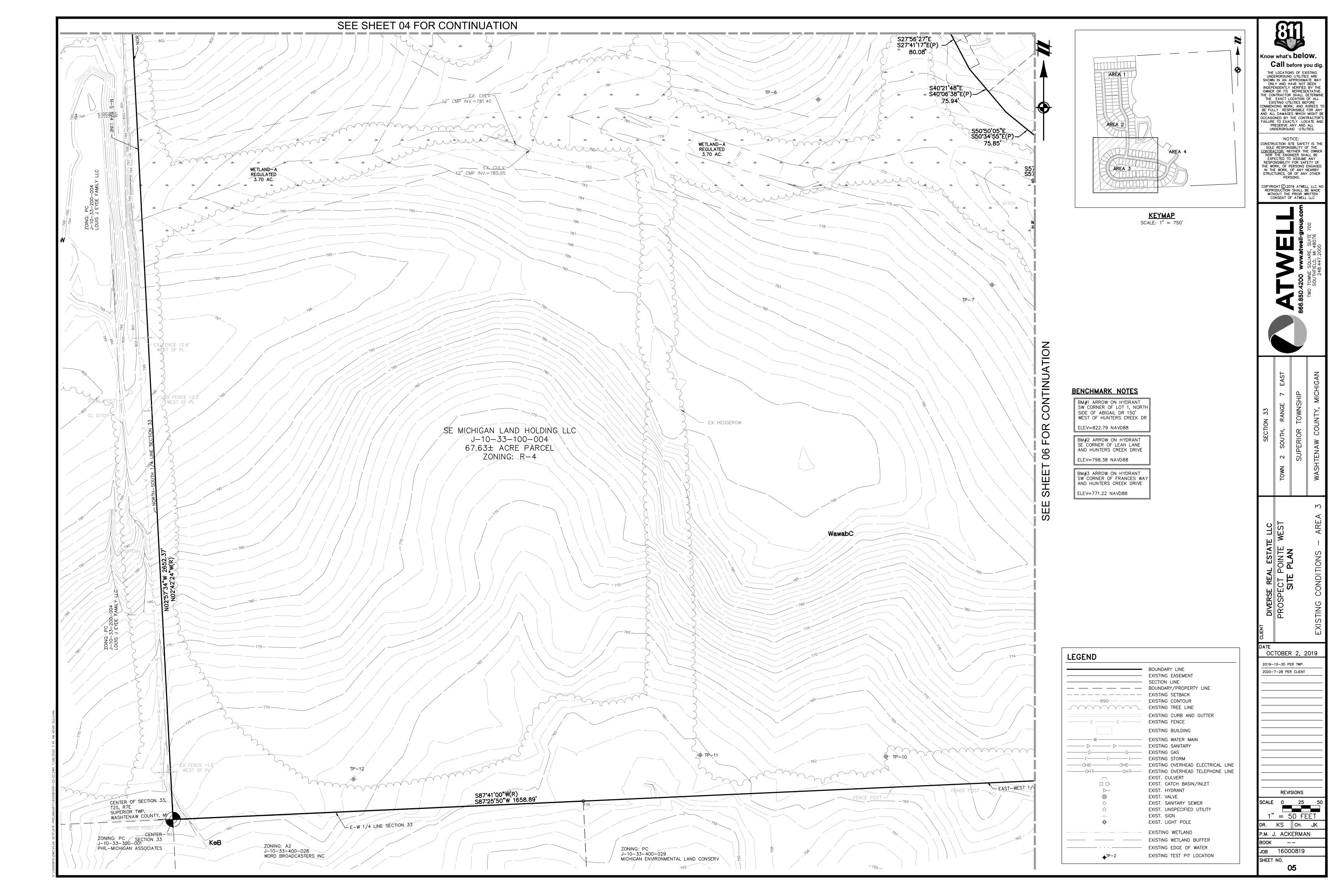
1" = 150 FEET DR. KS CH. JK P.M. J. ACKERMAN

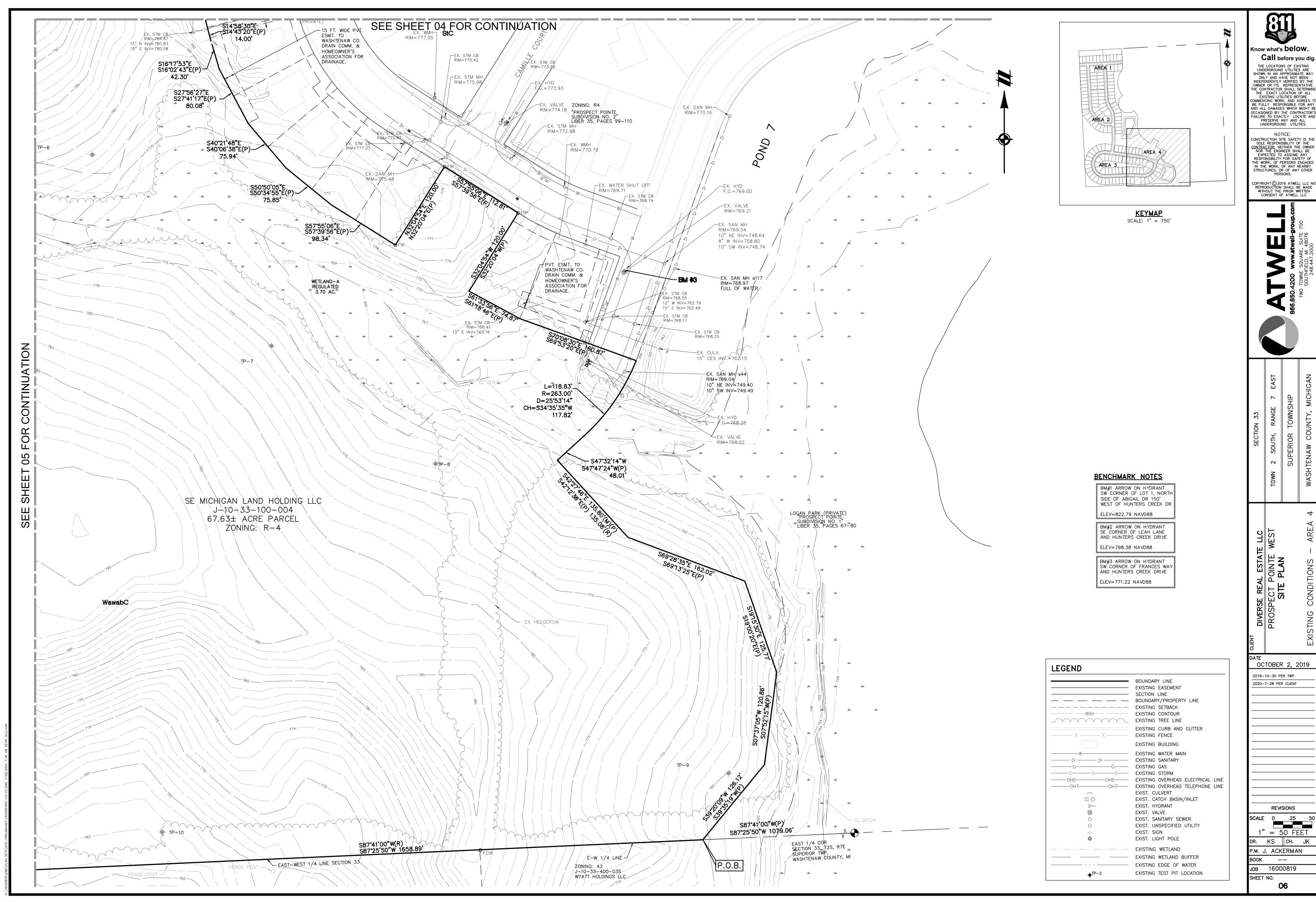
BOOK --

JOB 16000819 SHEET NO. 02









(now what's **below**.

Call before you dig

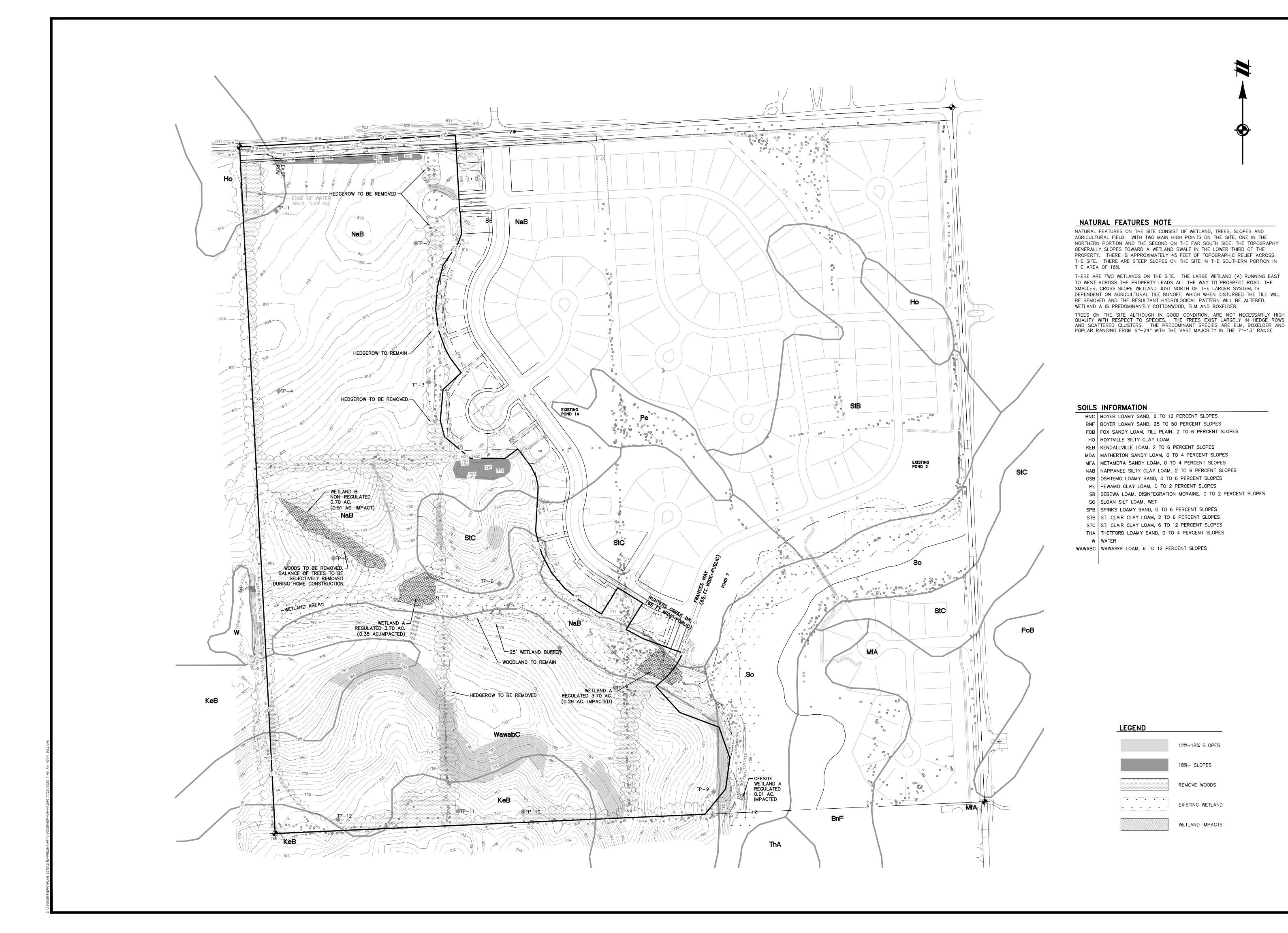
THE LOCATIONS OF EXISTING
UNDERGROUND UTILITIES ARE
SHOWN IN AN APPROXIMATE WAY
ONLY AND HAVE NOT BEEN
INDEPENDENTLY VERIFIED BY THE
OWNER OR ITS REPRESENTATIVE.
THE CONTRACTOR SHALL DETERMINE
THE EXACT LOCATION OF ALL
EXISTING UTILITIES BEFORE
COMMENCING WORK, AND AGREES TO
BE FULLY RESPONSIBLE FOR ANY
AND ALL DAMAGES WHICH MIGHT BE
OCCASIONED BY THE CONTRACTOR'S OCCASIONED BY THE CONTRACTOR'S
FAILURE TO EXACTLY LOCATE AND
PRESERVE ANY AND ALL
UNDERGROUND UTILITIES.

NOTICE:

CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR; NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

OCTOBER 2, 2019 2019-10-30 PER TWP. 2020-7-28 PER CLIENT REVISIONS SCALE 0 25 50

1" = 50 FEETDR. KS CH. JK P.M. J. ACKERMAN JOB 16000819





Know what's below.

Call before you dig.

THE LOCATIONS OF EXISTING
UNDERGROUND UTILITIES ARE
SHOWN IN AN APPROXIMATE WAY
ONLY AND HAVE NOT BEEN
INDEPENDENTLY VERIFIED BY THE
OWNER OR ITS REPRESENTATIVE.
THE CONTRACTOR SHALL DETERMINE
THE EXACT LOCATION OF ALL
EXISTING UTILITIES BEFORE
COMMENCING WORK, AND AGREES TO
BE FULLY RESPONSIBLE FOR ANY
AND ALL DAMAGES WHICH MIGHT BE
OCCASIONED BY THE CONTRACTOR'S
FAILURE TO EXACTLY LOCATE AND
PRESERVE ANY AND ALL
UNDERGROUND UTILITIES.

NOTICE:

CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR; NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

COPYRIGHT © 2020 ATWELL LLC NO REPRODUCTION SHALL BE MADE WITHOUT THE PRIOR WRITTEN CONSENT OF ATWELL LLC

> 866.850.4200 www.atwell-group.co TWO TOWNE SQUARE, SUITE 700 SOUTHFIELD, MI 48076 248.447.2000

866.850.4 TWO

LAN
SUPERIOR TOWNSHIP
WASHTENAW COUNTY, MICH

OATE
OCTOBER 2, 2019

2019–10–30 PER TWP.

2020-7-28 PER CLIENT

E REAL ECT P(

REVISIONS

CALE 0 75 18

1" = 150 FEET

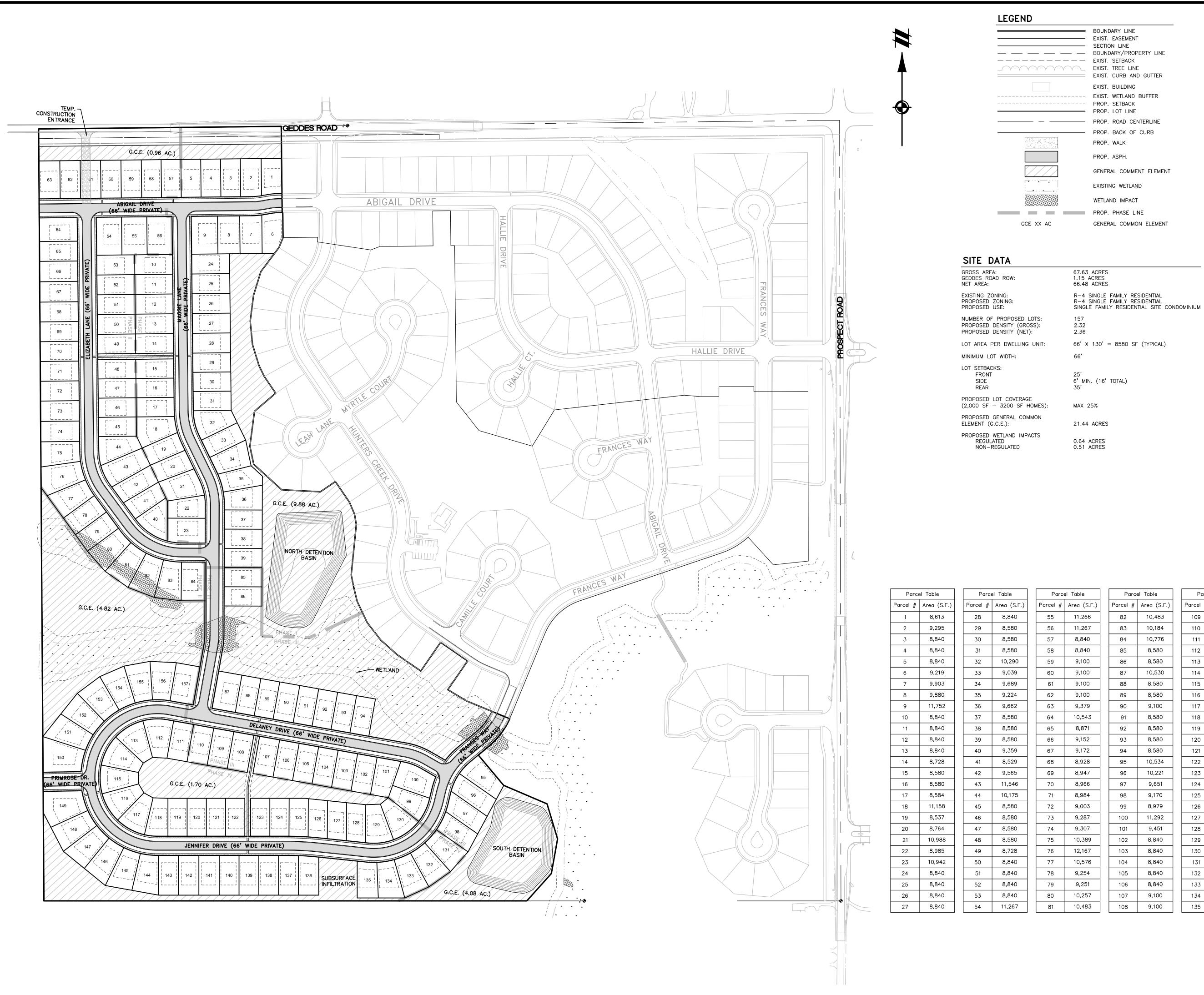
1" = 150 FEETDR. KS CH. JK
P.M. J. ACKERMAN

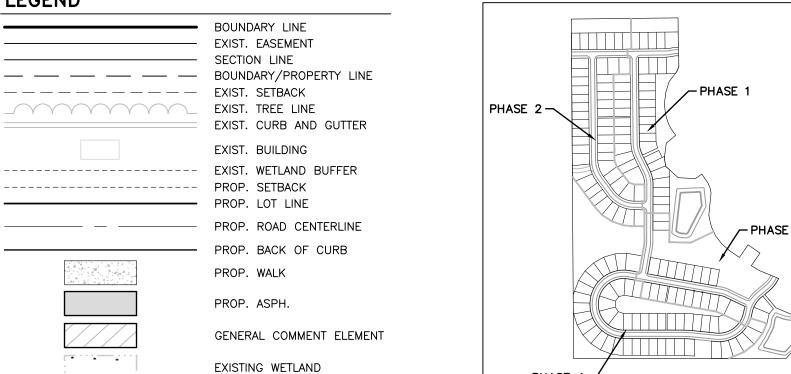
BOOK ——

JOB 16000819

SHEET NO.

o. **07**





<u>KEYMAP</u> SCALE: 1" = 750 FEET

66' X 130' = 8580 SF (TYPICAL)

WETLAND IMPACT

GENERAL COMMON ELEMENT

6' MIN. (16' TOTAL)

PR. SETBACK ——

BACK OF CURB -TYPICAL LOT DETAIL

5 FT. WALK

'--------

Parcel Table		Parcel Table			Parcel Table		Parcel Table			Parce	el Table		Parce	el Table
rcel #	Area (S.F.)	Parcel #	Area (S.F.)		Parcel #	Area (S.F.)	Parcel #	Area (S.F.)		Parcel #	Area (S.F.)		Parcel #	Area (S.f
1	8,613	28	8,840		55	11,266	82	10,483		109	9,100		136	9,360
2	9,295	29	8,580		56	11,267	83	10,184		110	9,100		137	9,283
3	8,840	30	8,580		57	8,840	84	10,776		111	9,100		138	9,292
4	8,840	31	8,580		58	8,840	85	8,580		112	10,315		139	9,292
5	8,840	32	10,290		59	9,100	86	8,580		113	9,667		140	9,292
6	9,219	33	9,039		60	9,100	87	10,530		114	9,601		141	9,566
7	9,903	34	9,689		61	9,100	88	8,580		115	9,126		142	9,566
8	9,880	35	9,224		62	9,100	89	8,580		116	9,291		143	9,292
9	11,752	36	9,662		63	9,379	90	9,100		117	9,312		144	10,283
10	8,840	37	8,580		64	10,543	91	8,580		118	8,632		145	10,313
11	8,840	38	8,580		65	8,871	92	8,580		119	8,580		146	10,516
12	8,840	39	8,580		66	9,152	93	8,580		120	8,580		147	10,516
13	8,840	40	9,359		67	9,172	94	8,580		121	8,580		148	10,744
14	8,728	41	8,529		68	8,928	95	10,534		122	8,580		149	13,927
15	8,580	42	9,565		69	8,947	96	10,221		123	8,580		150	13,587
16	8,580	43	11,546		70	8,966	97	9,651		124	8,605		151	10,992
17	8,584	44	10,175		71	8,984	98	9,170		125	8,627		152	9,875
18	11,158	45	8,580		72	9,003	99	8,979		126	8,597		153	10,484
19	8,537	46	8,580		73	9,287	100	11,292		127	8,580		154	9,872
20	8,764	47	8,580		74	9,307	101	9,451		128	8,580		155	9,872
21	10,988	48	8,580		75	10,389	102	8,840		129	9,776		156	9,872
22	8,985	49	8,728		76	12,167	103	8,840		130	9,472		157	10,806
23	10,942	50	8,840		77	10,576	104	8,840		131	9,875	1		
24	8,840	51	8,840		78	9,254	105	8,840		132	9,872			
	 		+			 	——			———				

106

108

8,840

9,100

107 9,100

133

134

135

9,591

8,638



Know what's **below**. Call before you dig. THE LOCATIONS OF EXISTING
UNDERGROUND UTILITIES ARE
SHOWN IN AN APPROXIMATE WAY
ONLY AND HAVE NOT BEEN
INDEPENDENTLY VERIFIED BY THE
OWNER OR ITS REPRESENTATIVE.
THE CONTRACTOR SHALL DETERMINE
THE EXACT LOCATION OF ALL
EXISTING UTILITIES BEFORE
COMMENCING WORK, AND AGREES TO
BE FULLY RESPONSIBLE FOR ANY
AND ALL DAMAGES WHICH MIGHT BE
OCCASIONED BY THE CONTRACTOR'S

OCCASIONED BY THE CONTRACTOR'S
FAILURE TO EXACTLY LOCATE AND
PRESERVE ANY AND ALL
UNDERGROUND UTILITIES.

NOTICE:

CONSTRUCTION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR; NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.

COPYRIGHT © 2020 ATWELL LLC NO REPRODUCTION SHALL BE MADE WITHOUT THE PRIOR WRITTEN CONSENT OF ATWELL LLC

OCTOBER 2, 2019 2019-10-30 PER TWP. 2020-7-28 PER CLIENT

REVISIONS

1" = 150 FEETDR. KS CH. JK P.M. J. ACKERMAN

BOOK --JOB 16000819 SHEET NO.

80