

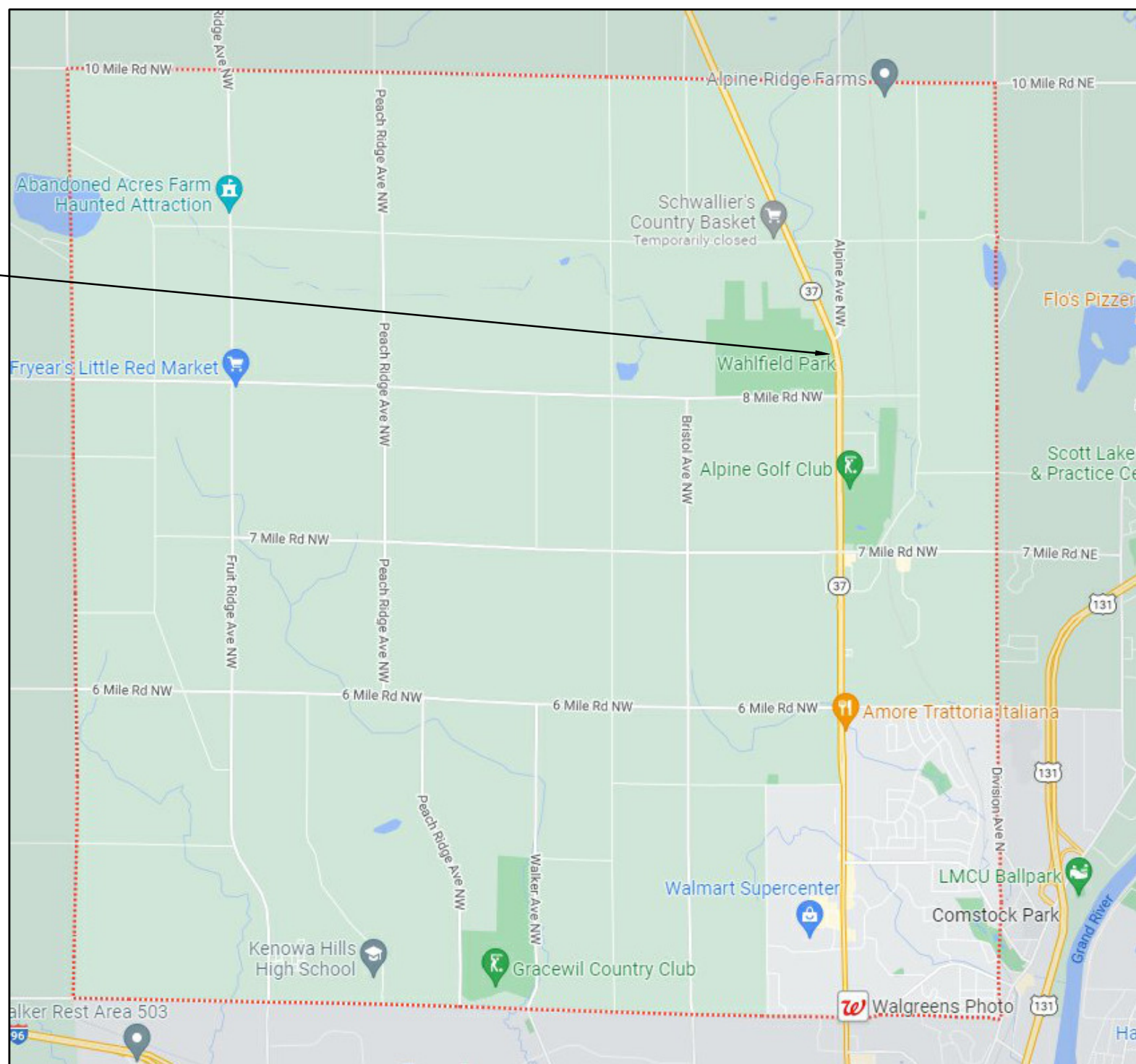
Wahlfield Park Improvements - Phase 1

Comstock Park, Michigan

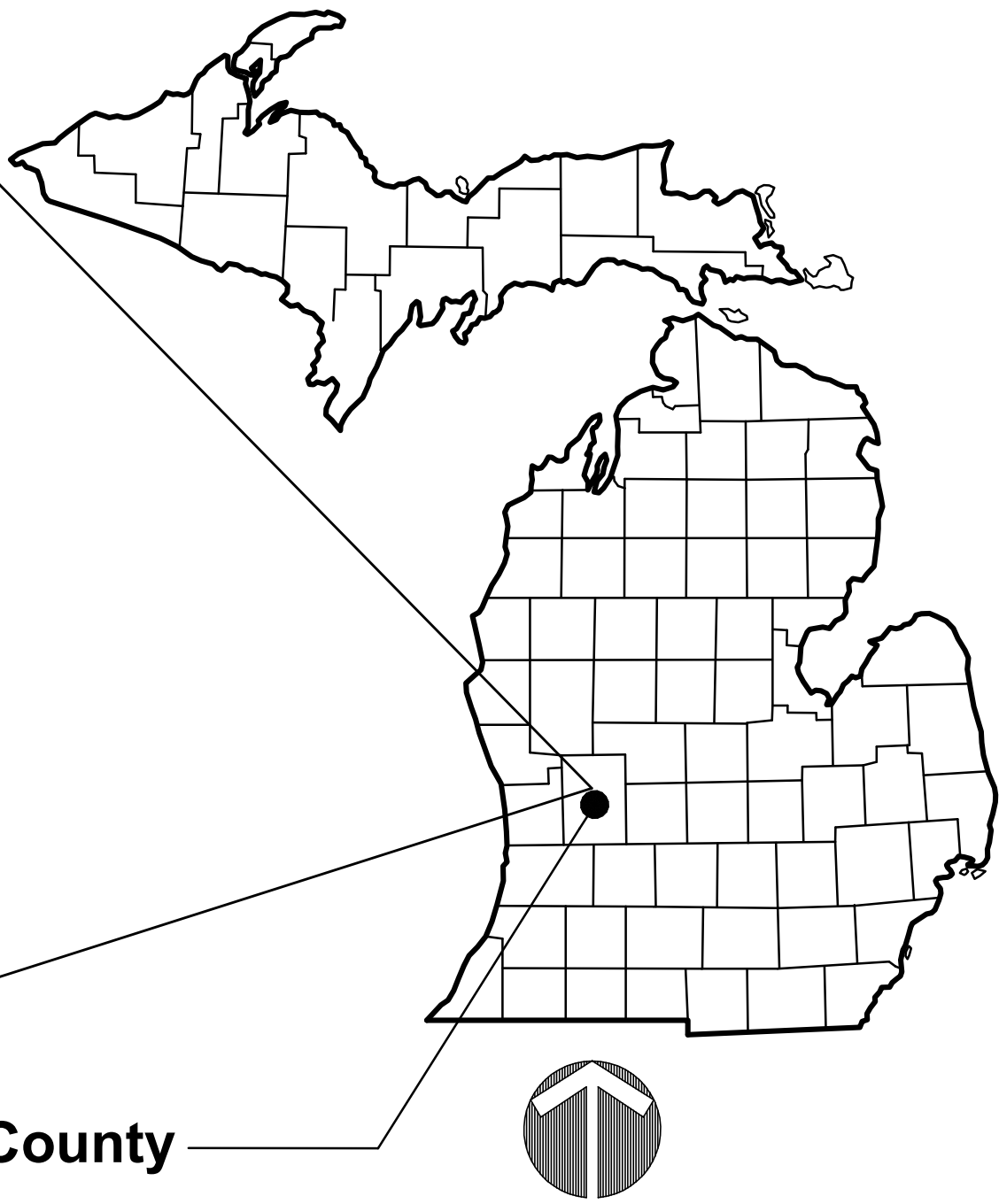
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Project Location:
7117 Alpine Ave NW
Comstock Park, Michigan



LOCATION MAP - ALPINE TOWNSHIP



Kent County

COMMUNITY DEVELOPMENT CARES GRANT INFO:

THE FOLLOWING PLANS WERE DEVELOPED TO MEET GUIDELINES FOR CARES GRANT FUNDING. BELOW IS A SUMMARY OF DESIGN CHANGES TO COMMODATE THE GOALS OF THE FUNDING.

1. PARKING SPACES INCREASED FROM 8'X18' TO 10'X20' TO ALLOW FOR INCREASED SOCIAL DISTANCING.
2. ENLARGED ISLANDS WITH TREE PLANTING (20'X30') ACT AS SPACE DIVIDERS TO INCREASE SOCIAL DISTANCING.
3. PROPOSED SHADE TREES AND PICNIC AREAS PROVIDED AT LARGE SPACING INTERVALS TO INCREASE SOCIAL DISTANCING.
4. PICNIC SHELTER IS GENEROUSLY SIZED TO ALLOW USERS TO SPREAD OUT AND INCREASE SOCIAL DISTANCING.

VIRIDIS DESIGN GROUP

PROFESSIONAL PERSON IN RESPONSIBLE CHARGE OF THE PROJECT

NAME OF LICENSEE

SULIN KOTOWICZ, PLA

NUMBER

01434

SIGNATURE

STATE OF MICHIGAN

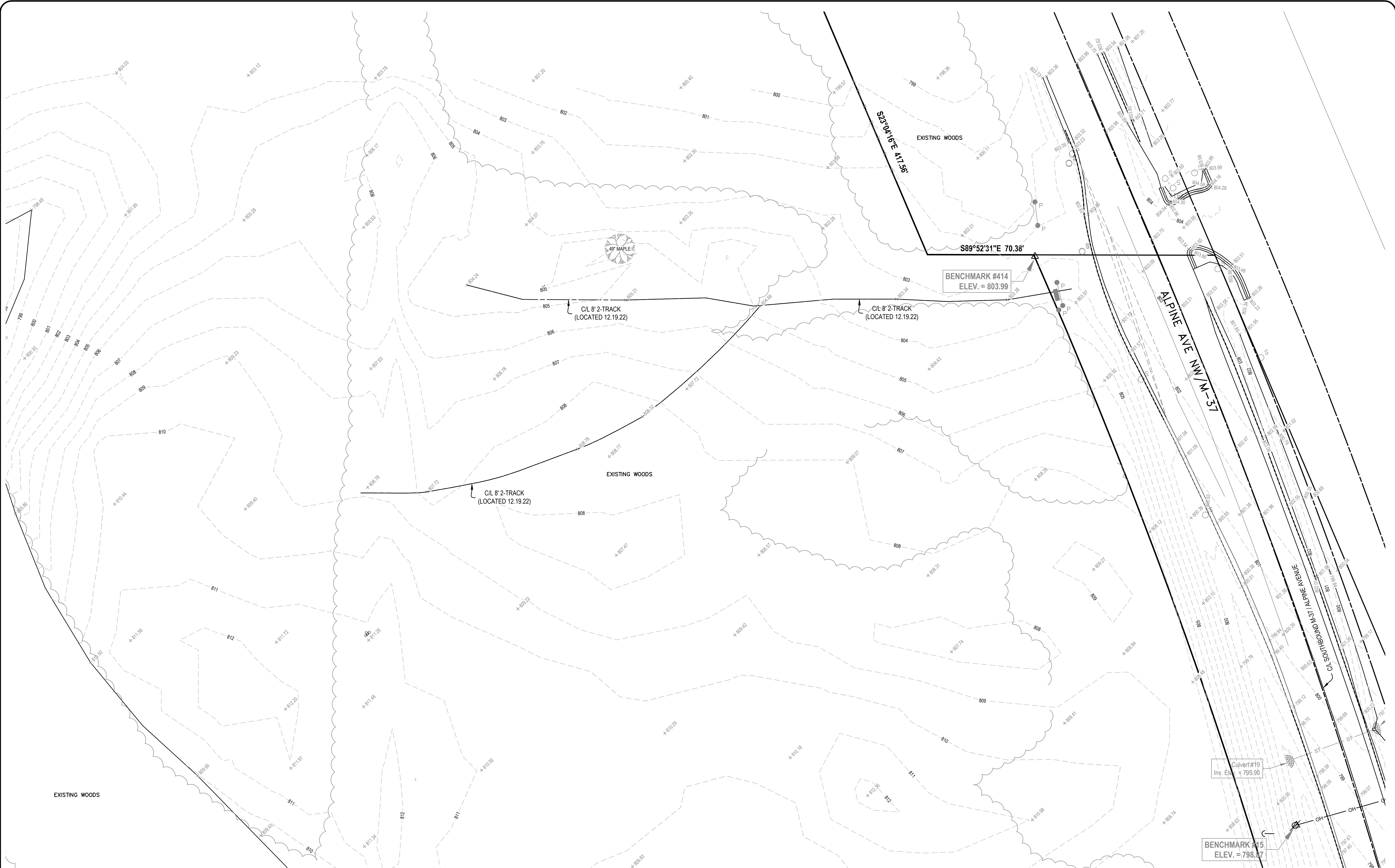
SULIN KOTOWICZ

LANDSCAPE ARCHITECT

No. 3901001500

LANDSCAPE ARCHITECT

Revisions	
OWNER REVIEW	12.16.2022
MDOT PERMIT	01.11.2023
PLANNING COMMISSION	01.16.2023



GENERAL NOTES:

1. SURVEY OF EXISTING CONDITIONS PROVIDED BY NEDERVELD, 217 GRANDVILLE AVE SW, SUITE 302, GRAND RAPIDS, MI 49503. PHONE: 616.575.5190.
2. VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. 72 HOURS BEFORE YOU DIG CALL 811.
3. PROTECT ALL TREES & EXISTING FEATURES TO REMAIN AS SPECIFIED.
4. REFER TO LAYOUT PLAN AND GRADING PLAN FOR LIMITS OF WORK.
5. DISCREPANCIES BETWEEN SITE AND PLANS SHOULD BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.



EXISTING CONDITIONS

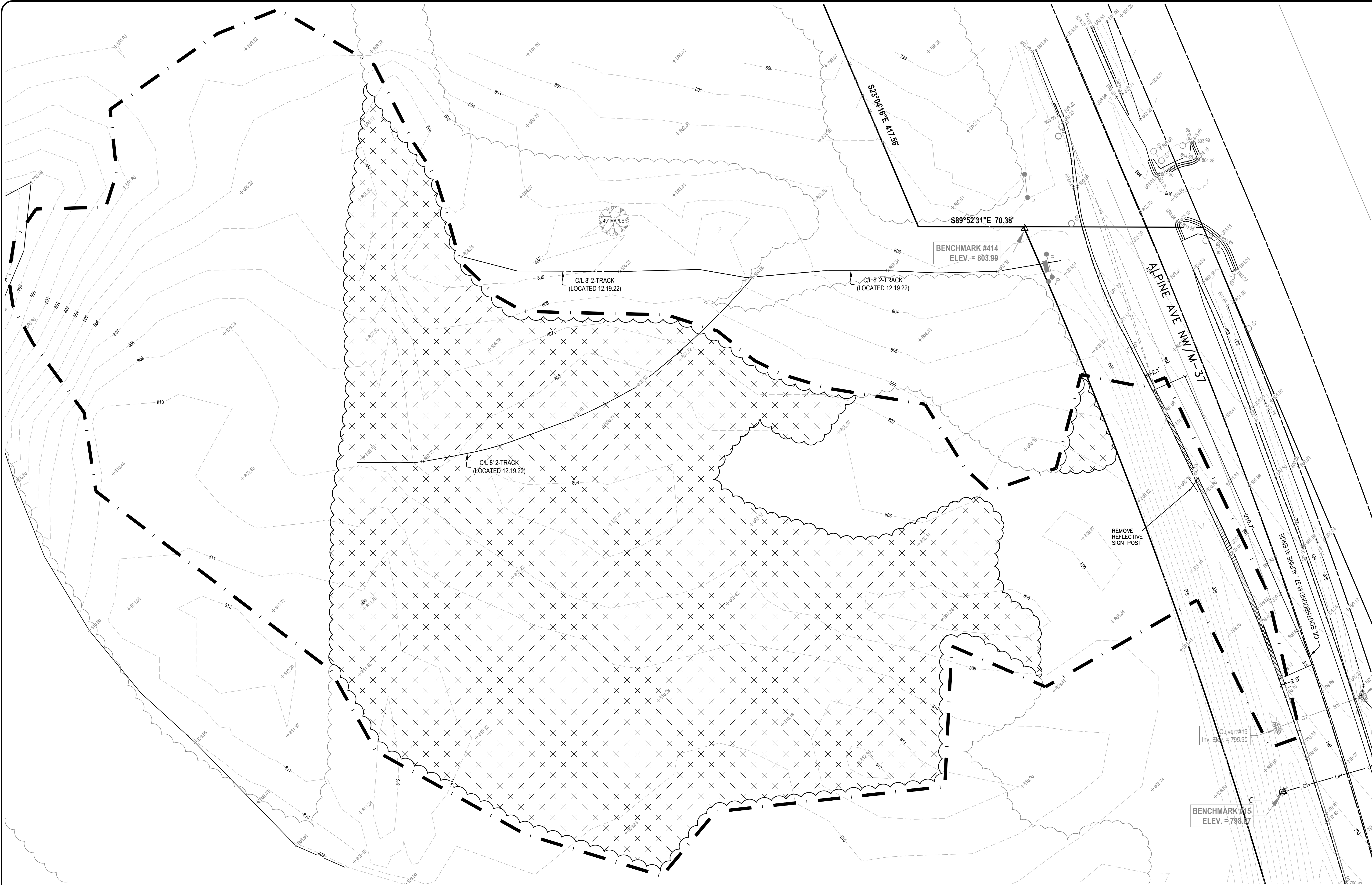
WAHFIELD PARK PHASE-1
KENT COUNTY PARKS
GRAND RAPIDS, MICHIGAN

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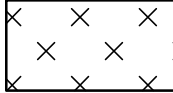
C0.1




DEMOLITION LEGEND:



REMOVE SHOULDER



TREE CLEARING




CONSTRUCTION LIMITS

GENERAL NOTES:


1. ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CALL "MISS DIG" AND VERIFY ALL UNDERGROUND UTILITIES BEFORE EXCAVATION AT THE SITE. ANY UTILITIES DISTURBED BY CONSTRUCTION SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE. USE PRIVATE UTILITY LOCATOR SERVICE FOR ANY UTILITIES MISS DIG WILL NOT TRACE.
2. ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE IMMEDIATELY FOR RESOLUTION.
3. EROSION SHALL BE CONTROLLED AS SPECIFIED AND AS REQUIRED BY LOCAL, STATE OR FEDERAL AUTHORITIES HAVING JURISDICTION.

DEMOLITION NOTES:


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3. PROTECT ALL BENCHMARKS DURING CONSTRUCTION. ANY BENCHMARKS DISTURBED OR DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
2. ALL WORK WITHIN THE RIGHT OF WAY SHALL BE IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS OF THE MDOT. CONTRACTOR IS RESPONSIBLE FOR OBTAINING REQUIRED PERMITS.
3. ALL DEMOLITION DEBRIS SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE.
4. PROTECT ALL TREES AND EXISTING FEATURES TO REMAIN AS SPECIFIED.
5. VERIFY LOCATIONS OF ALL BELOW-GRADE UTILITIES PRIOR TO BEGINNING WORK. 72 HOURS BEFORE YOU DIG CALL 811.




Know what's below.
Call before you dig.




0 15 30 120
SCALE IN FEET



NORTH



VIRIDIS
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(616) 438-9841 www.viridg.com



Kent
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DEMOLITION PLAN

WAHFIELD PARK PHASE-1
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C1.1



PROPOSED FEATURES LEGEND:

SYMBOL	DESCRIPTION	DETAIL	KEY	DESCRIPTION	DETAIL
(A) [Symbol]	4" CONCRETE PAVEMENT	1 / C5.1	(G) [Symbol]	PAVEMENT MARKINGS	SEE SPECS.
(B) [Symbol]	HEAVY DUTY ASPHALT PAVING	2 / C5.1	(H) [Symbol]	BARRIER-FREE RAMP	6 / C5.1
(C) [Symbol]	CONCRETE CURB & GUTTER	3 / C5.1	(J) [Symbol]	(2) PICNIC TABLES BY OWNER	
[Symbol]	CONSTRUCTION LIMITS		SIGNS		10 / C5.1
KEY	DESCRIPTION	DETAIL	(A1) [Symbol]	ONE WAY (R6-2)	SEE SPECS.
(D) [Symbol]	PARK ENTRY SIGN BY OWNER		(A2) [Symbol]	STOP SIGN (R1-1)	SEE SPECS.
(E) [Symbol]	INTEGRAL CURB	4 / C5.1	(A3) [Symbol]	VAN ACCESSIBLE BARRIER-FREE PARKING (R7-8, R7-8A)	SEE SPECS.
(F) [Symbol]	DRIVEWAY OPENING DETAIL	5 / C5.1	(A4) [Symbol]	BARRIER-FREE PARKING (R7-8)	SEE SPECS.
			(A5) [Symbol]	DO NOT ENTER (R5-1)	SEE SPECS.
			(A6) [Symbol]	KEEP RIGHT OF ISLAND (R4-7)	SEE SPECS.

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BARRIER - FREE NOTES:

- BARRIER-FREE PARKING AND ACCESSIBLE ROUTE(S) MUST COMPLY WITH THE AMERICANS WITH DISABILITIES ACT, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
- 1:50 (2%) MAXIMUM CROSS-SLOPE ON ACCESSIBLE ROUTE.
 - NO CHANGES IN LEVEL GREATER THAN 1/2" ALONG ACCESSIBLE ROUTE.
 - 1:20 (5%) MAXIMUM LONGITUDINAL SLOPE ON ACCESSIBLE ROUTE (EXCEPT WHERE RAMPS ARE PROVIDED).
 - 1:50 (2%) MAXIMUM SLOPE (IN ANY DIRECTION) IN B.F. PARKING AND ACCESS AISLES.

SITE PLAN DATA:

PARKING LOT: 100 SPACES
RESTROOM AND STORAGE BUILDING: 736 SF, 20' HT.
PICNIC SHELTER: 3,360 SF, 14'-7" HT.
PROPERTY DESCRIPTION:
410911300016 W 1/2 SE 1/4 NW 1/4 ALSO W 170 FT OF N 840.50 FT OF SW 1/4 NE 1/4 ALSO S 379.50 FT OF SW 1/4 NE 1/4 ALSO N 15 A. OF E 1/2 W 1/2 SW 1/4 ALSO E 1/2 OF S 25 A. OF E 1/2 W 1/2 SW 1/4 ALSO E 1/2 SW 1/4 EX S 275 FT OF E 275 FT & EX S 305 FT OF W 500 FT OF E 1085 FT ALSO W 1/2 SE 1/4 EX S 305 FT OF E 500 FT ALSO THAT PART OF E 1/2 SE 1/4 LYING WLY OF WLY LINE OF STL M-37 * SEC 11 T8N R12W 277.57 A. SPLIT ON 02/22/2011 FROM 41-09-11-251-004, 41-09-11-300-015, 41-09-11-400-002;

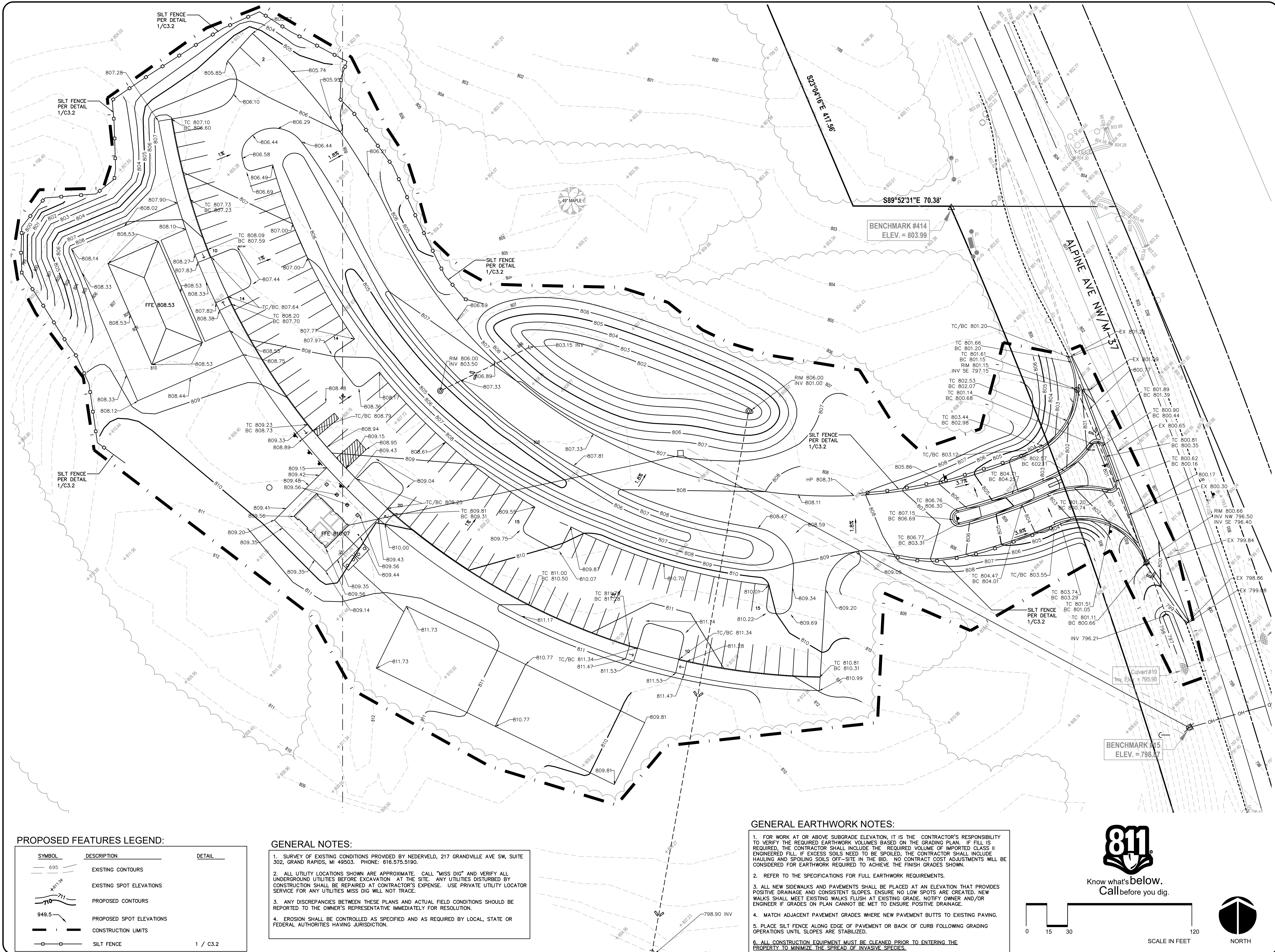


LAYOUT PLAN
WAHFIELD PARK PHASE-1
KENT COUNTY PARKS
GRAND RAPIDS, MICHIGAN

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GRADING PLAN

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KENT COUNTY PARKS
GRAND RAPIDS, MICHIGAN

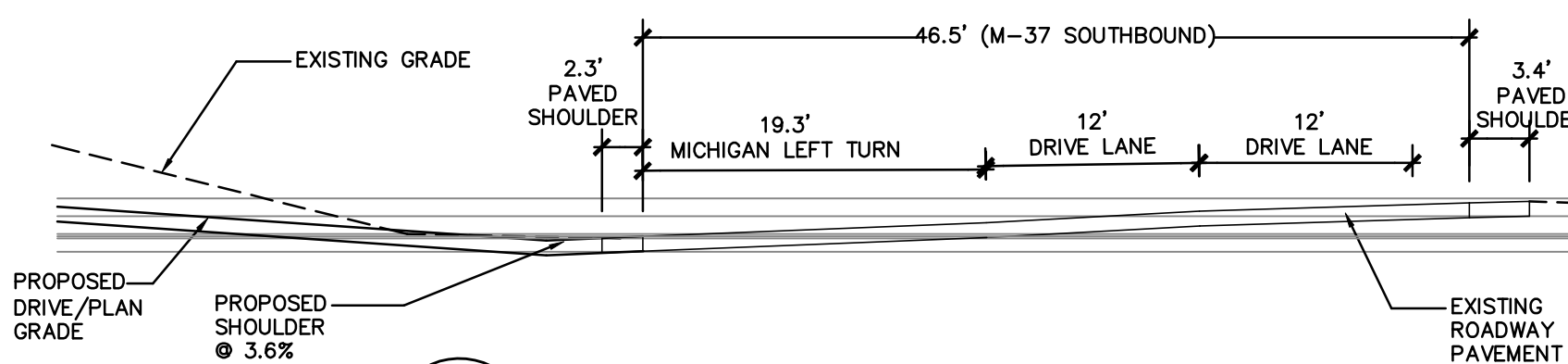
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C3.1

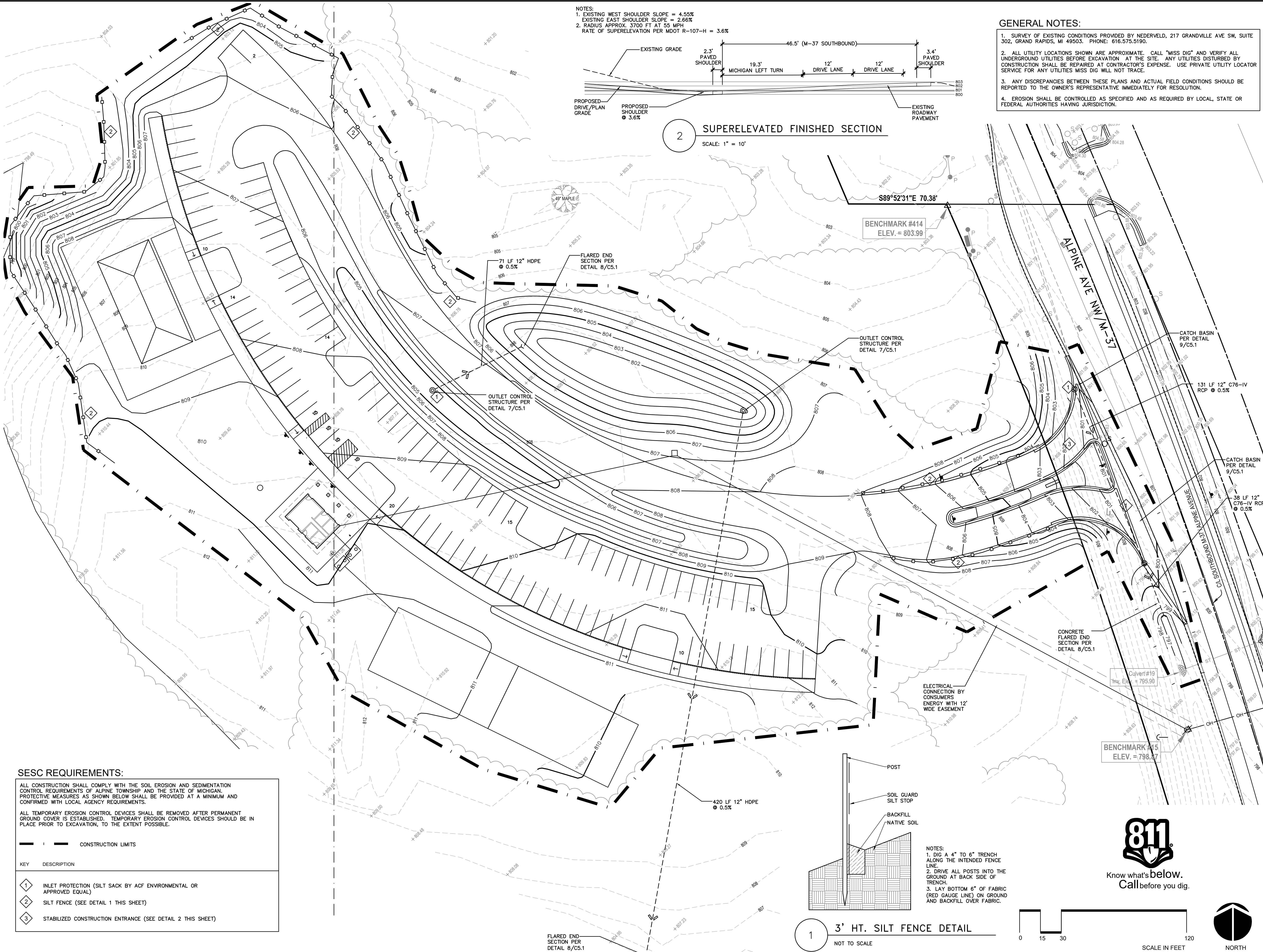
- NOTES:
1. EXISTING WEST SHOULDER SLOPE = 4.55%
 2. EXISTING EAST SHOULDER SLOPE = 2.66%
 3. RADIUS APPROX. 3700 FT AT 55 MPH
 4. RATE OF SUPERELEVATION PER MDOT R-107-H = 3.6%



2 SUPERELEVATED FINISHED SECTION
SCALE: 1" = 10'

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SESC REQUIREMENTS:

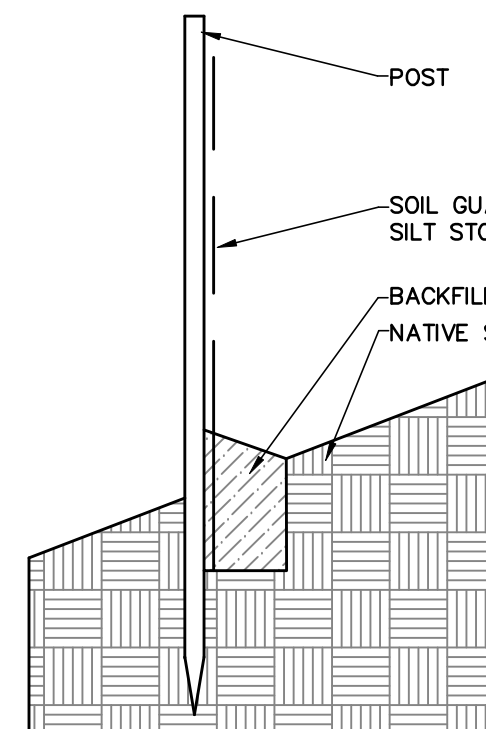
ALL CONSTRUCTION SHALL COMPLY WITH THE SOIL EROSION AND SEDIMENTATION CONTROL REQUIREMENTS OF ALPINE TOWNSHIP AND THE STATE OF MICHIGAN. PROTECTIVE MEASURES AS SHOWN BELOW SHALL BE PROVIDED AT A MINIMUM AND CONFIRMED WITH LOCAL AGENCY REQUIREMENTS.

ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED AFTER PERMANENT GROUND COVER IS ESTABLISHED. TEMPORARY EROSION CONTROL DEVICES SHOULD BE IN PLACE PRIOR TO EXCAVATION, TO THE EXTENT POSSIBLE.

CONSTRUCTION LIMITS

KEY DESCRIPTION

- 1 INLET PROTECTION (SILT SACK BY ACF ENVIRONMENTAL OR APPROVED EQUAL)
- 2 SILT FENCE (SEE DETAIL 1 THIS SHEET)
- 3 STABILIZED CONSTRUCTION ENTRANCE (SEE DETAIL 2 THIS SHEET)



- NOTES:
1. DIG A 4" TO 6" TRENCH ALONG THE INTENDED FENCE LINE.
 2. DRIVE ALL POSTS INTO THE GROUND AT BACK SIDE OF TRENCH.
 3. LAY BOTTOM 6" OF FABRIC (RED GAUGE LINE) ON GROUND AND BACKFILL OVER FABRIC.



SESC AND UTILITY PLAN

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