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MACON ENGINEERING, LLC KATHY KEINATH, PE PO BOX 314 CHELSEA, MICHIGAN 48118 PHONE: 734 216 9941

ENGINEER:

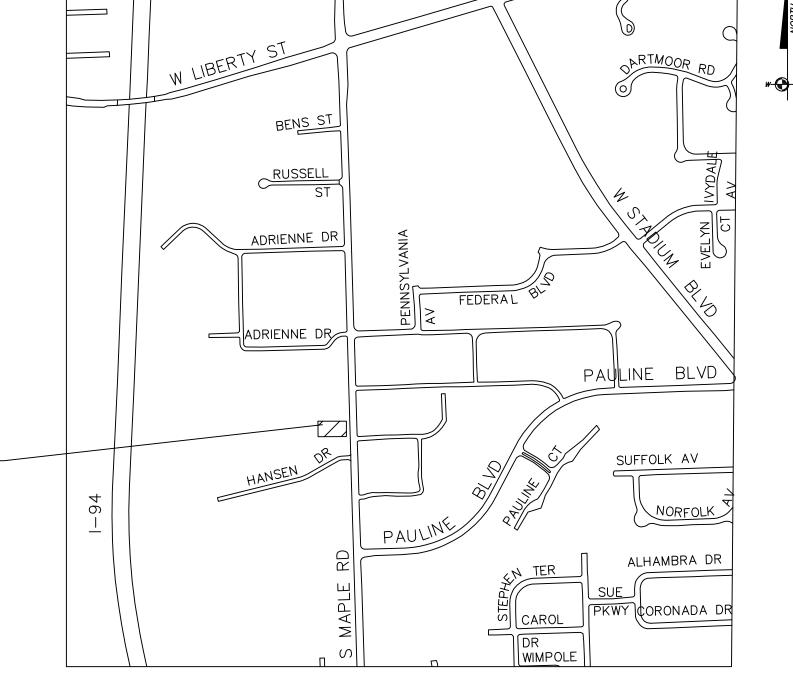
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ARCHITECT: FUSCO, SHAFFER & PAPPAS, INC. 550 E NINE MILE ROAD FERNDALE, MI 48220 PHONE: 248-543-4100

OWNERS CITY OF ANN ARBOR 1146 S MAPLE ROAD ANN ARBOR. MI 48103

HICKORY WAY III

ANNEXATION, ZONING AND SITE PLAN CITY OF ANN ARBOR WASHTENAW COUNTY SP24-TBD



LOCATION MAP N.T.S.

PROJECT

SITE

LEGAL DESCRIPTION

(PER TITLE COMMITMENT)

COMMENCING AT THE NORTHEAST CORNER OF SECTION 36, SCIO TOWNSHIP, WASHTENAW COUNTY, MICHIGAN; THENCE SOUTH 01 DEGREES 19 MINUTES EAST 954.44 FEET IN THE LAST LINE OF SECTION FOR A PLACE OF BEGINNING; THENCE CONTINUING SOUTH 1 DEGREES 19 MINUTES EAST 155.00 FEET: THENCE SOUTH 88 DEGREES 09 MINUTES WEST 320.00 FEET; THENCE NORTH 4 DEGREES 27 MINUTES WEST 155.23 FEET; THENCE NORTH 88 DEGREES 09 MINUTES EAST 328.50 FEET TO THE PLACE OF BEGINNING, BEING PART OF THE EAST 1/2 OF NORTHEAST 1/4, SECTION 36 TOWN 2 SOUTH, RANGE 5 EAST, WASHTENAW COUNTY, MICHIGAN.

COMMUNITY ANALYSIS

THE PROPOSED PROJECT IS LOCATED ON THE WEST SIDE OF SOUTH MAPLE ROAD BETWEEN LIBERTY ROAD AND PAULINE BOULEVARD. THE SITE CONSISTS OF ONE PARCEL CURRENTLY IN SCIO TOWNSHIP AND CONTAINING A SINGLE FAMILY HOME. THE PROPOSED PROJECT INCLUDES ANNEXATION AND ZONING TO PUD FOR MULTI FAMILY RESIDENTIAL WITH ONE BUILDING PROVIDING AFFORDABLE HOUSING.

THE PROPERTIES TO THE NORTH AND EAST ARE USED AS MULTI FAMILY RESIDENTIAL. TO THE SOUTH AND WEST OF THE PROJECT SITE IS CURRENTLY THE HANSEN NATURE AREA (A CITY PARK).

THE PROPOSED DEVELOPMENT WILL HAVE MINIMAL IMPACT ON PUBLIC SCHOOLS SINCE THE AFFECTED, AND THE SITE IS NOT PART OF A HISTORIC DISTRICT. THE PROPOSED MULTIFAMILY USE IS CONSISTENT WITH THE SURROUNDING AREA AND WITH THE MASTER PLAN FOR THIS SITE WITH THE INCLUSION OF AFFORDABLE HOUSING.

STATEMENT OF INTEREST

AVALON HOUSING WILL BE THE OWNER AND DEVELOPER OF THE PARCEL. THE PROPERTY WILL BE PURCHASED FROM THE CURRENT OWNER (CITY OF ANN ARBOR) AFTER COMPLETION OF THE SITE PLAN PROCESS AND APPROVAL OF FUNDING.

DEVELOPMENT PROGRAM

THE PROPOSED DEVELOPMENT WILL BE MULTIFAMILY RESIDENTIAL WITH 39 UNITS TOTAL, IN ONE BUILDING WITH FOUR FLOORS. THE UNITS WILL INCLUDE ONE BEDROOM APARTMENTS AND ARE PLANNED TO MEET AFFORDABILITY STANDARDS. THE BUILDING DESIGNS, WITH ELEVATOR ACCESS TO UPPER FLOORS, AND COMMON INTERIOR HALLWAYS, ARE INTENDED TO PROVIDE AVALON WITH OPTIONS THEY DO NOT CURRENTLY HAVE FOR ACCESSIBILITY AND VISITABILITY AT MANY OF THEIR EXISTING PROPERTIES. THE DEVELOPMENT HAS BEEN PLANNED TO PROVIDE ADEQUATE PARKING, INGRESS AND EGRESS, STORM WATER MANAGEMENT FACILITIES. PEDESTRIAN CONNECTIONS AND ALL OTHER REQUIRED SITE ELEMENTS. THE SITE IS TO BE DEVELOPED IN ONE PHASE. THE ESTIMATED COST OF CONSTRUCTION IS \$10.000.000.

STANDARD SIDEWALK REPAIR AND MAINTENANCE NOTE

ALL SIDEWALKS ARE TO BE KEPT AND MAINTAINED IN GOOD REPAIR BY THE OWNER OF THE LAND ADJACENT TO AND ABUTTING THE SAME. PRIOR TO THE ISSUANCE OF THE FINAL CERTIFICATE OF OCCUPANCY FOR THIS SITE. ALL EXISTING SIDEWALKS IN NEED OF REPAIR MUST BE REPAIRED IN ACCORDANCE WITH CITY STANDARDS.

SOLID WASTE DISPOSAL PLAN

THE DEVELOPMENT PROPOSES TO PROVIDE TWO DUMPSTERS LOCATED IN THE PARKING AREA. THE LOCATION OF THE DUMPSTERS AND A DETAIL HAVE BEEN INCLUDED IN THE SITE PLAN.

TRAFFIC IMPACT ANALYSIS

VEHICULAR, PEDESTRIAN AND BICYCLE ROUTES ARE SHOWN ON THE PLANS. NO TRUCK TRAFFIC TO THE SITE IS ANTICIPATED. THE DEVELOPER'S HISTORY WITH THIS TYPE OF MULTIFAMILY DEVELOPMENT INDICATES THAT A MAJORITY OF THE TENANTS UTILIZE MASS TRANSIT. BECAUSE OF THIS. THE SITE HAS BEEN DESIGNED TO MINIMIZE PARKING SPACES

BASE VEHICLE TRIP GENERATION									
				AM Peak Hour			PM Peak Hour		
Land Use	ITE Code	Amount	Units	In	Out	Total	In	Out	Total
Affordable Housing	223	39	DU	3	11	14	11	7	18
Trip Rates taken from ITE Trip Generation manual, 11th Edition									

COMPARISON CHART

	EXISTING	PROPOSED
ZONING	N/A	PUD
RESIDENTIAL UNITS	1	39
TOTAL FLOOR AREA	1,330 sf	37,451 sf
LOT AREA/DWELLING UNIT	45,200 sf	1,050 sf
ACTIVE OPEN SPACE PER DWELLING UNIT	n/a	507 sf
BUILDING HEIGHT	n/a	48 ft 4 stories
LOT SIZE	45,200 sf	40,966 sf
LOT WIDTH	155 ft	154.97 ft
OPEN SPACE	n/a	53%
FRONT SETBACK	39 ft	1 ft
REAR SETBACK	208 ft	90 ft
SIDE SETBACK	44 ft	13 ft
OFF STREET PARKING	REQUIRED	PROVIDED
PARKING	0	20
BICYCLE PARKING RESIDENTIAL 1/5 UNITS 50%A 50%C	4A/4C	6A/4B
LOADING SPACES	0	0
EV PARKING:		
90%EVC	18	18
10%EVI	2	2
1 HP VAN EVI	1	1

SHEET INDEX

SP-01 COVER

SP-02 ALTA SURVEY

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SP-06 NATURAL FEATURES ALTERNATIVES ANALYSIS

SP-07 LANDSCAPE

SP-08 UTILITIES

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SP-11 SOIL EROSION CONTROL

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SP-14 SITE DETAILS SP-15 PHOTOMETRIC PLAN

AS 100 ARCHITECTURAL SITE PLAN AND SITE SECTION

A.100 BUILDING PLANS

A.200 EXTERIOR ELEVATIONS

EXTERIOR ELEVATIONS

A.202 PERSPECTIVE RENDERINGS

SOIL EVALUATION

THE SOILS ON THE SITE ARE MIAMI SERIES PRIMARILY MMB AND COB. INFILTRATION TESTING WAS COMPLETED ON THE SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHTENAW COUNTY WATER RESOURCES COMMISSIONER'S OFFICE. A COMPLETE REPORT HAS BEEN PROVIDED. INFILTRATION RESULTS ARE PROVIDED ON THE STORM WATER MANAGEMENT SHEET NO GROUND WATER WAS OBSERVED.

NATURAL FEATURES

THERE ARE NO WOODLANDS ON THE SITE. THERE IS ONE WETLAND AREA LOCATED NEAR THE MIDDLE OF THE SITE, A COMPLETE WETLAND REPORT HAS BEEN PROVIDED. THE REPORT INDICATES THAT THE WETLAND IS A LOW-QUALITY WETLAND WITHOUT CRITICAL FUNCTION OR VALUE. THERE ARE LANDMARK TREES LOCATED ON THE PROPERTY AND ALONG THE PROPERTY BOUNDARY. THE TREES ARE SHOWN BY THE TREE SURVEY PROVIDED IN THE SITE PLAN. THE NATURAL FEATURES SHEET SHOWS THE LANDMARK TREES TO BE REMOVED AND ALSO PROVIDES AN ALTERNATIVE ANALYSIS TO DEMONSTRATE THAT THE PROPOSED DEVELOPMENT MINIMIZES IMPACTS TO THE LANDMARK TREES AND THE WETLANDS.

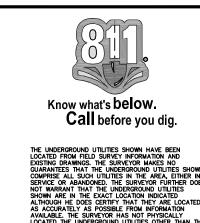
SUSTAINABILITY

AVALON HOUSING'S HICKORY WAY III APARTMENTS REPRESENTS A STEP IN THE COMMITMENT TO ADDRESS BOTH THE URGENT NEED FOR AFFORDABLE HOUSING IN ANN ARBOR AND FOSTER ENVIRONMENTALLY RESPONSIBLE DEVELOPMENT PRACTICES. AS THE SECOND DEVELOPMENT ON MAPLE STREET AND THE THIRD PHASE FOR AVALON HOUSING, THIS PROJECT IS DEDICATED TO CREATING THRIVING COMMUNITIES WHILE MINIMIZING OUR ECOLOGICAL FOOTPRINT.

WITH 39 SUPPORTIVE HOUSING APARTMENTS DIRECTED TOWARD LOW-INCOME FAMILIES. OUR AIM IS TO ALLEVIATE THE HOUSING CRUNCH IN ANN ARBOR BUT ALSO TO PROVIDE SUSTAINABLE SOLUTIONS THAT CONTRIBUTE TO A HEALTHIER PLANET. OUR MAIN DIRECTIVE IS TO SURPASS CONVENTIONAL BUILDING STANDARDS AND ACHIEVE A SUSTAINABLE ENVIRONMENTAL OUTCOME THAT MITIGATES GREENHOUSE GAS EMISSIONS AND PROMOTES LONG-TERM RESILIENCE. OUR BUILDING INCORPORATES SUSTAINABLE ELEMENTS DESIGNED TO EXCEED MICHIGAN BUILDING CODE REQUIREMENTS. THESE FEATURES INCLUDE A SUPER-INSULATED ENVELOPE. HIGH-PERFORMANCE WINDOWS, ADVANCED AIR SEALING, AND ALL-ELECTRIC SPACE CONDITIONING SYSTEMS. ENERGY EFFICIENT LIGHTING FIXTURES, EQUIPPED WITH OCCUPANCY SENSORS, FURTHER ENHANCE ENERGY CONSERVATION EFFORTS WHILE LOW-VOC MATERIALS ENSURE INDOOR AIR QUALITY REMAINS OPTIMAL.

WE HAVE INTEGRATED ENERGY STAR-RATED APPLIANCES, COOL ROOF TECHNOLOGY, AND DURABLE EXTERIOR PRODUCTS PROMOTING ENERGY EFFICIENCY AND DURABILITY. OUR HEATING, VENTILATION, AND AIR CONDITIONING SYSTEMS BOAST 95% HIGH-EFFICIENCY FURNACES AND AIR CONDITIONING UNITS. COMPLEMENTED BY ENERGY STAR-RATED EXHAUST FANS AND ELECTRIC WATER HEATERS. WATER EFFICIENT PLUMBING FIXTURES, COUPLED WITH EPA WATER SENSE -CERTIFIED TOILETS, MINIMIZE WATER CONSUMPTION WITHOUT COMPROMISING PERFORMANCE. THE INTERIOR FLOORING MATERIALS MEET STRINGENT ENVIRONMENTAL CERTIFICATIONS THAT ARE COMMITTED TO SUSTAINABLE LIVING PRACTICES. BY ADHERING TO NSF140 GOLD AND CRADLE TO CRADLE V3.1 SILVER CERTIFIED STANDARDS FOR CARPETING AND FLOOR COVERING INSTITUTE'S FLOOR SCORE INDOOR ADVANTAGE GOLD PROGRAM FOR LUXURY VINYL TILE, VCT, AND TILE, ENSURES THAT EVERY ASPECT OF THIS DEVELOPMENT ALIGNS WITH SUSTAINABILITY

IN ADDITION TO THE BENEFITS OF REDUCED ENERGY BILLS AND ENHANCED THERMAL COMFORT. THESE MEASURES SIGNIFICANTLY ENHANCE AIR QUALITY, MITIGATE NOISE POLLUTION, AND PROMOTE A HEALTHIER LIVING ENVIRONMENT FOR OUR RESIDENTS. AVALON HOUSING HONORS THE COMMITMENT TO CREATING AFFORDABLE. SUSTAINABLE COMMUNITIES THAT EMPOWER INDIVIDUALS AND CONTRIBUTE POSITIVELY TO THE BROADER ECOSYSTEM.



Box

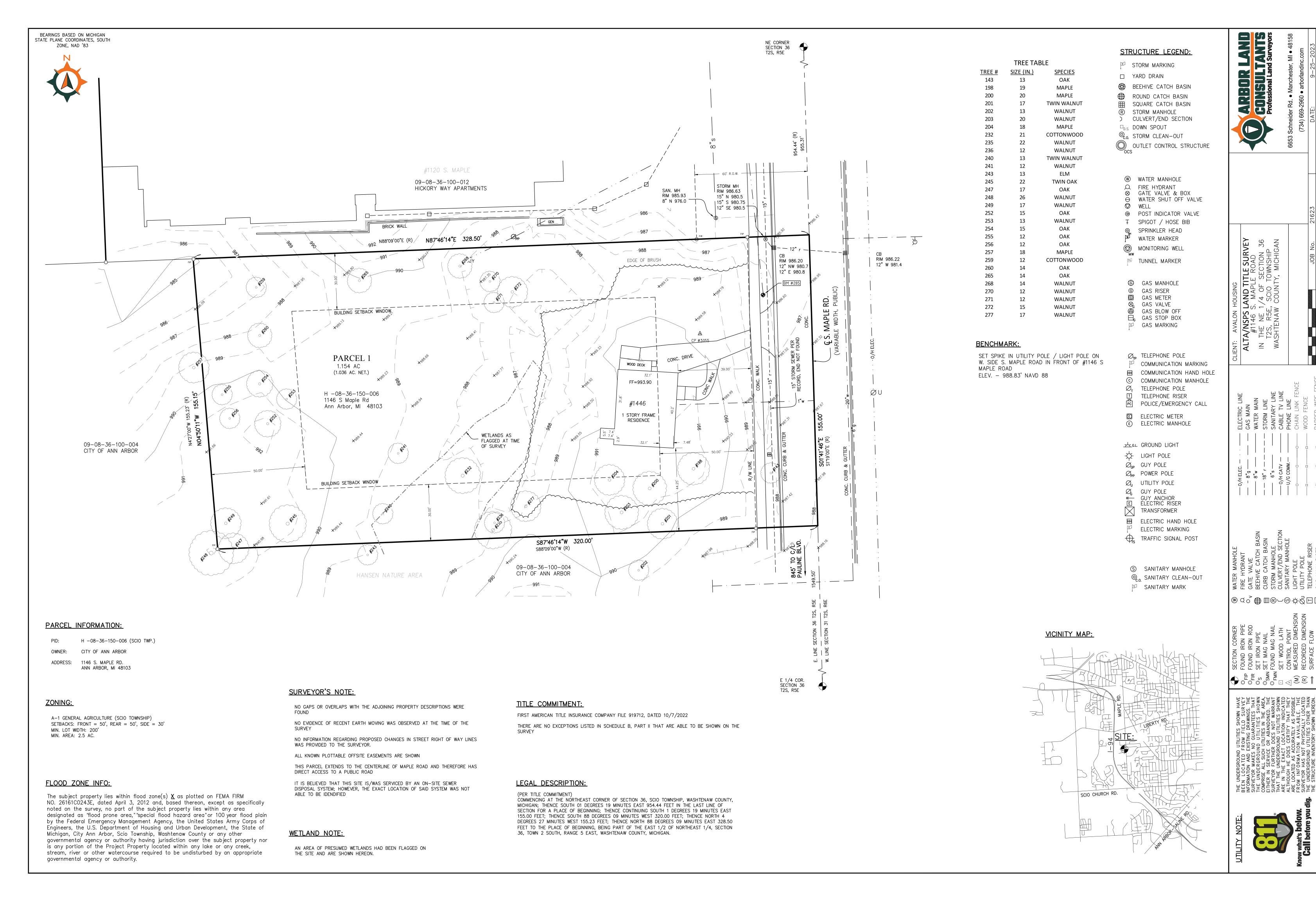
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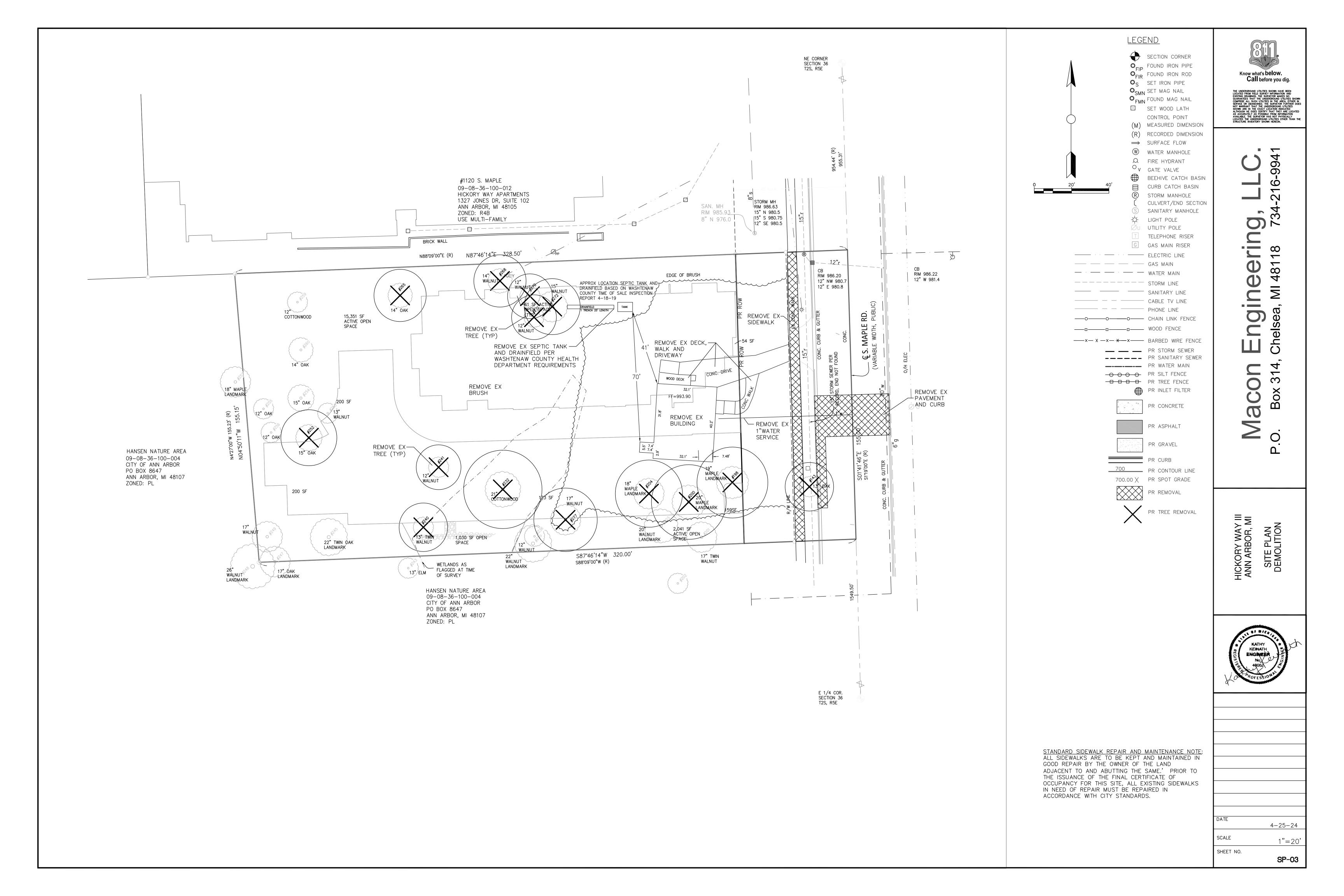


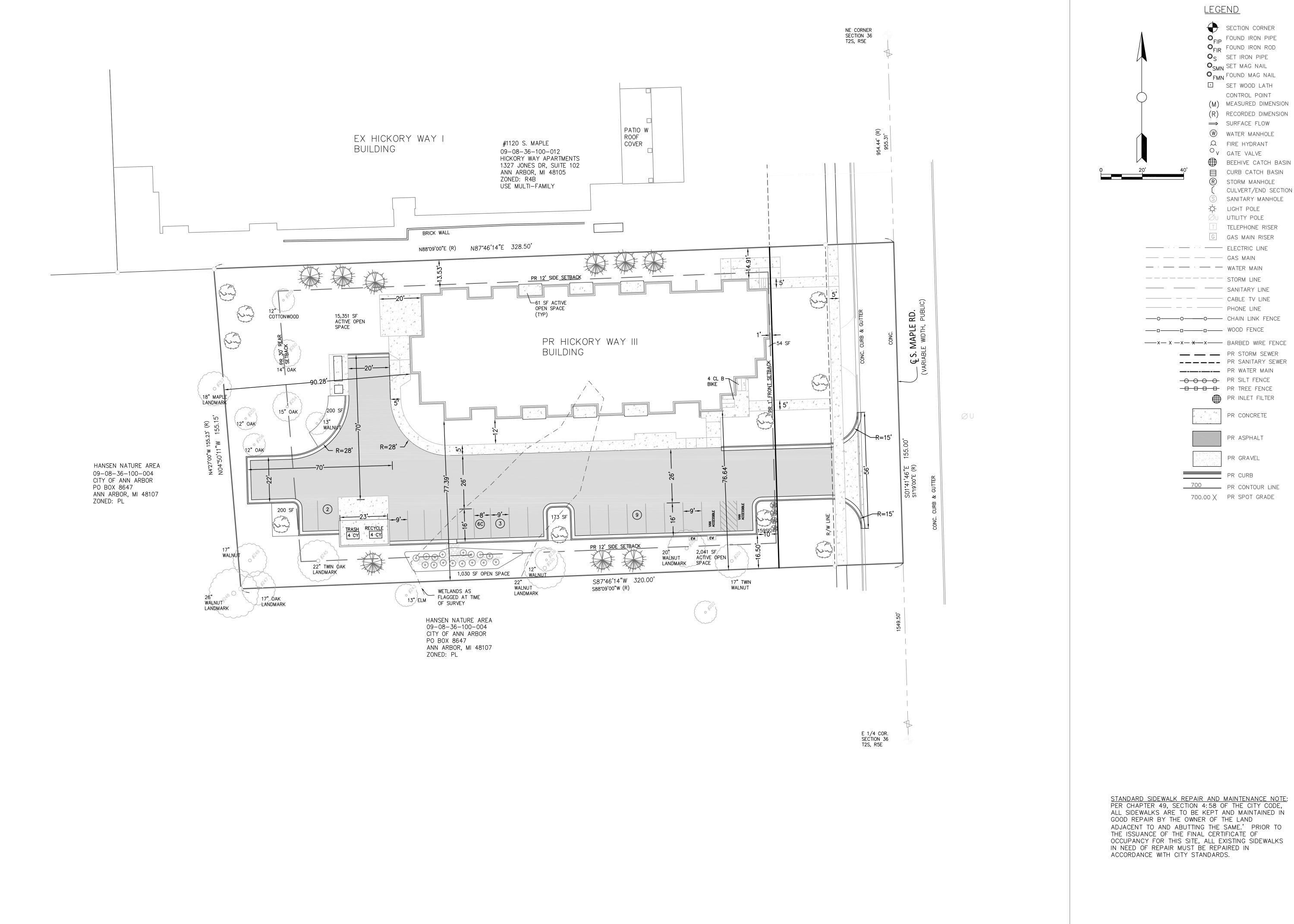
4-25-24 SCALE N.T.S.

SHEET NO.

SP-01







Know what's below.

Call before you dig.

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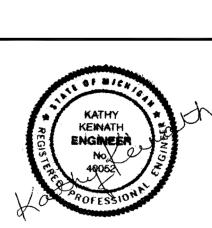
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Box

HICKORY WAY III ANN ARBOR, MI



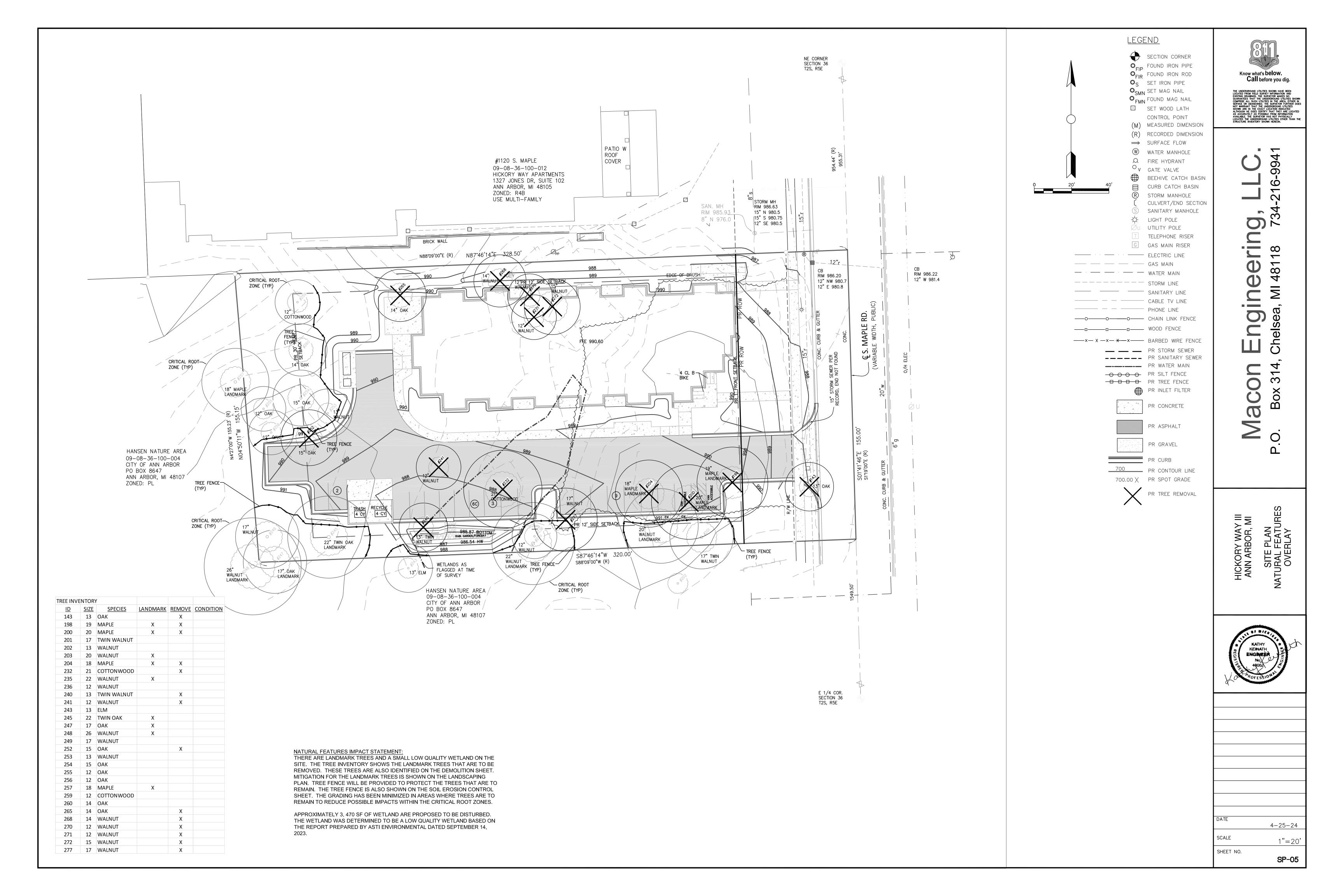
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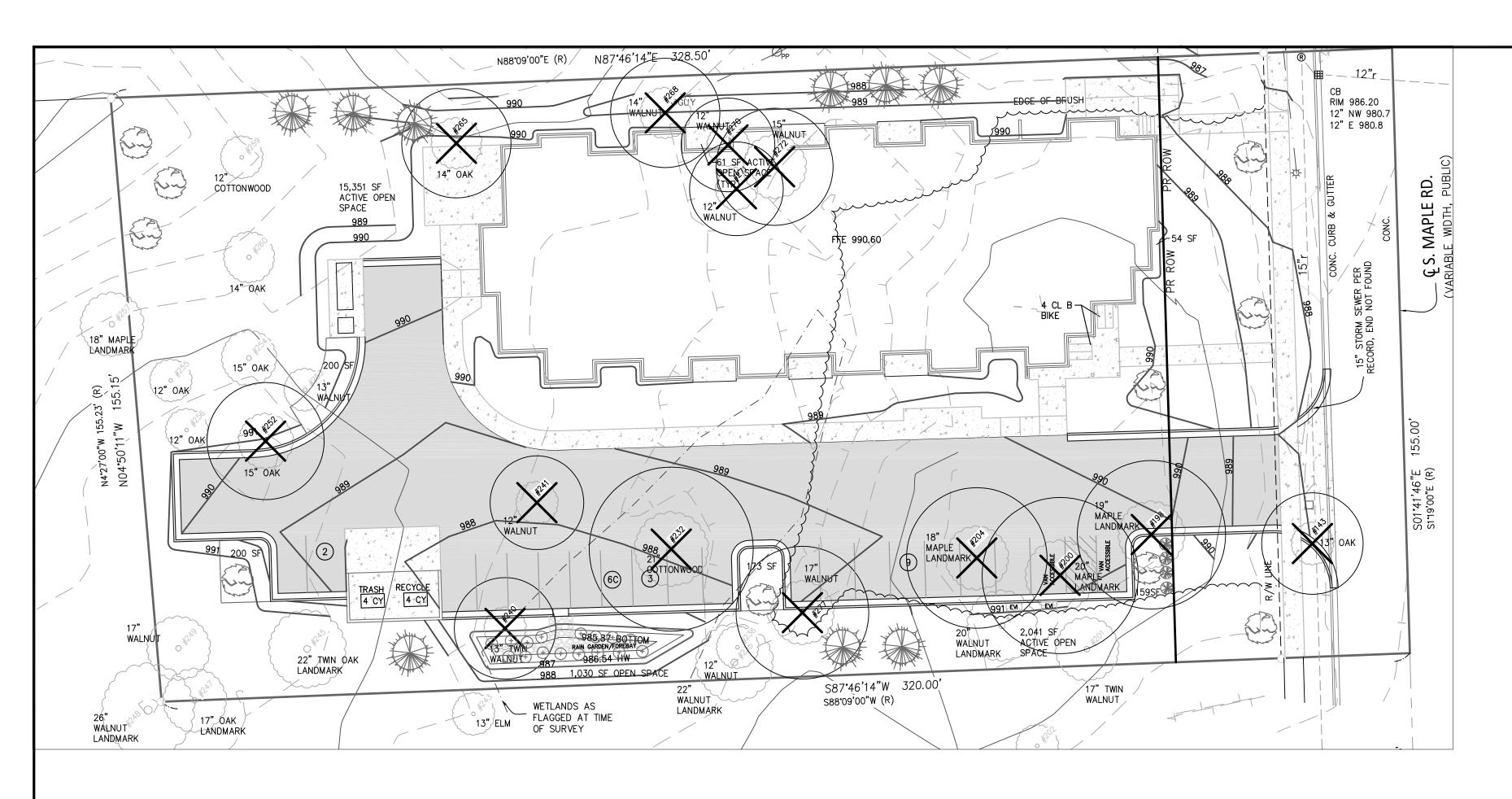
1"=20'

SP-04

SCALE

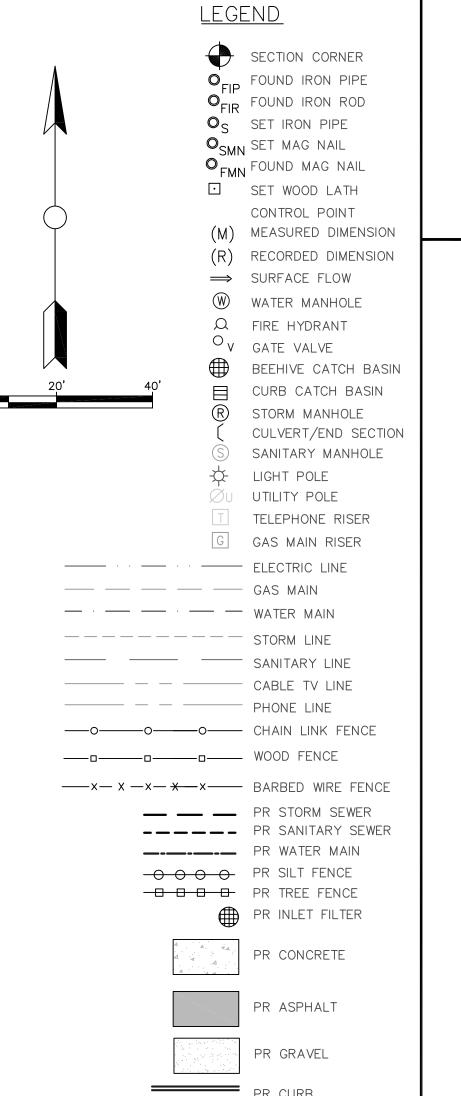
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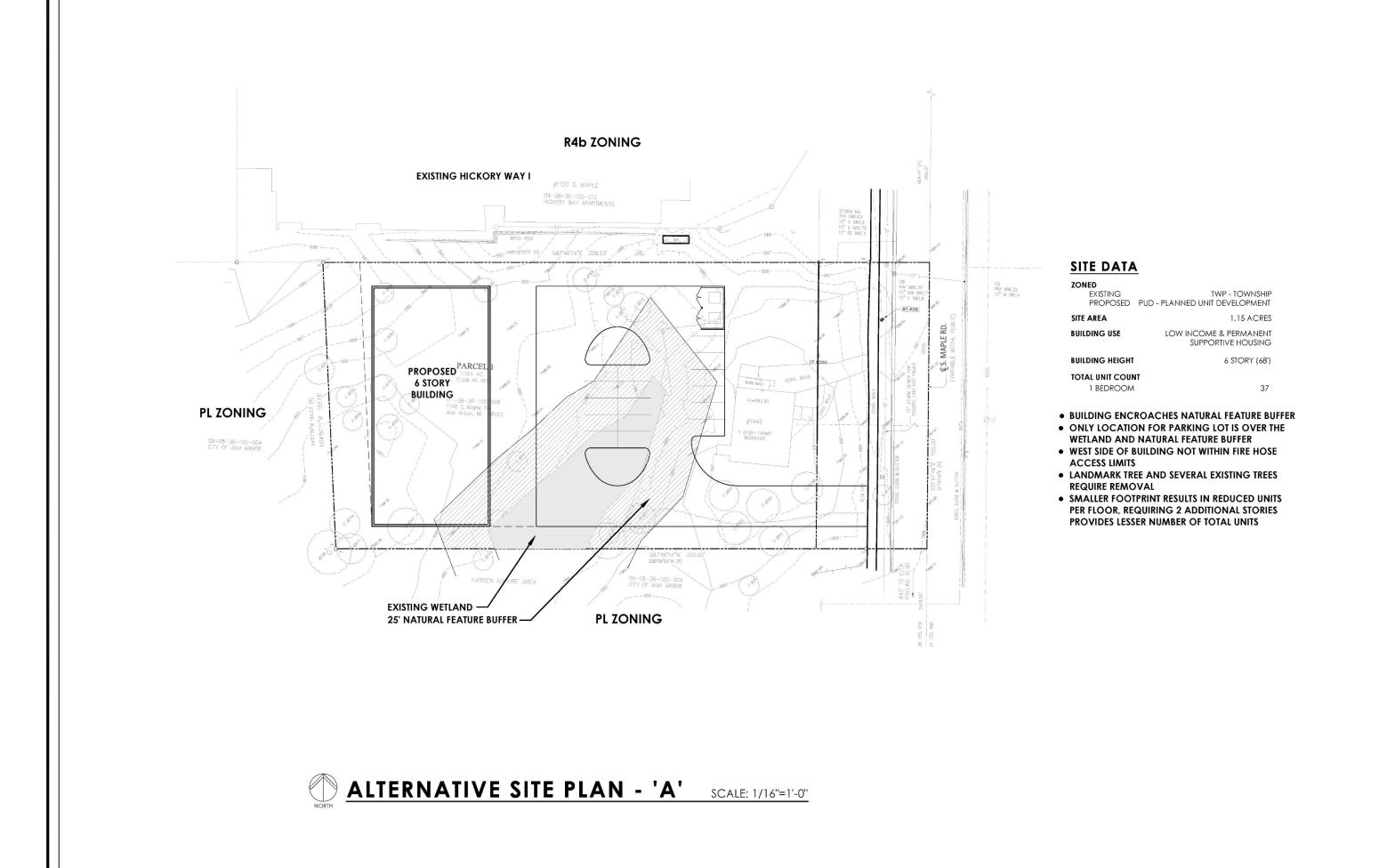


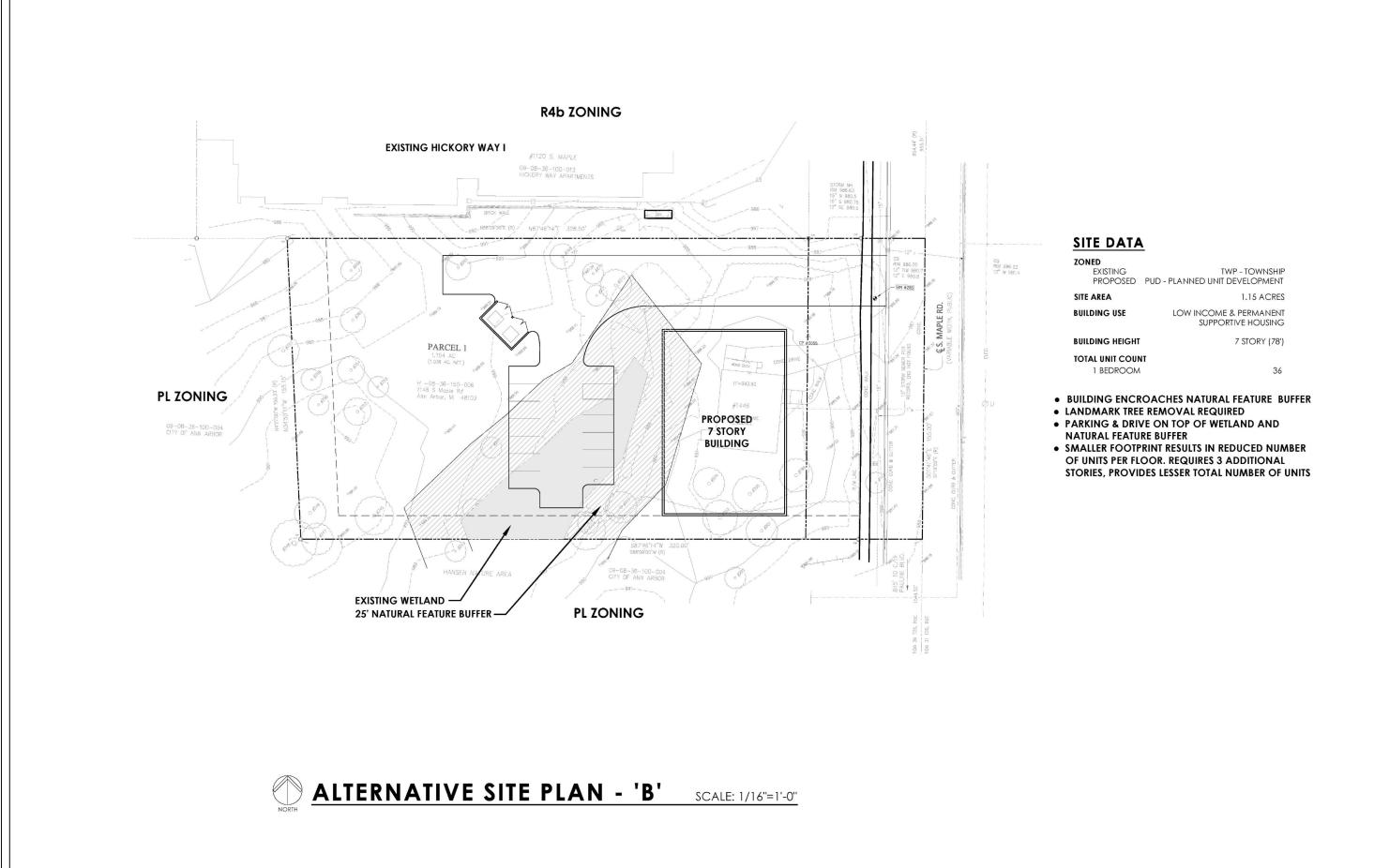


SELECTED ALTERNATIVE THE PROPOSED PROJECT PRESERVES SEVERAL OF THE MATURE TREES ON THE PROPERTY. THE LAYOUT INCLUDES SAVING THE MAJORITY OF THE TREES LOCATED ALONG THE WEST PROPERTY LINE AND INCORPORATING THEM INTO THE SITE DESIGN. EXISTING DRAINAGE PATTERNS HAVE BEEN MAINTAINED TO MINIMIZE IMPACTS TO THESE TREES. THE LAYOUT OF THE BUILDINGS HAS ALSO BEEN ESTABLISHED TO HAVE A LARGE PORCH ALONG THE PERIMETER OF THE TREED AREAS TO PROVIDE THE RESIDENTS WITH A NATURALIZED SETTING. A SIGNIFICANT AREA ON THE WEST SIDE OF THE SITE ADJACENT TO THE HANSEN NATURE AREA IS PROPOSED TO REMAIN

WITHE EXISTING TREES AND GRADES.



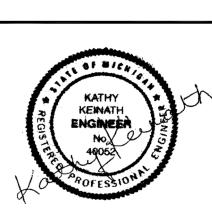




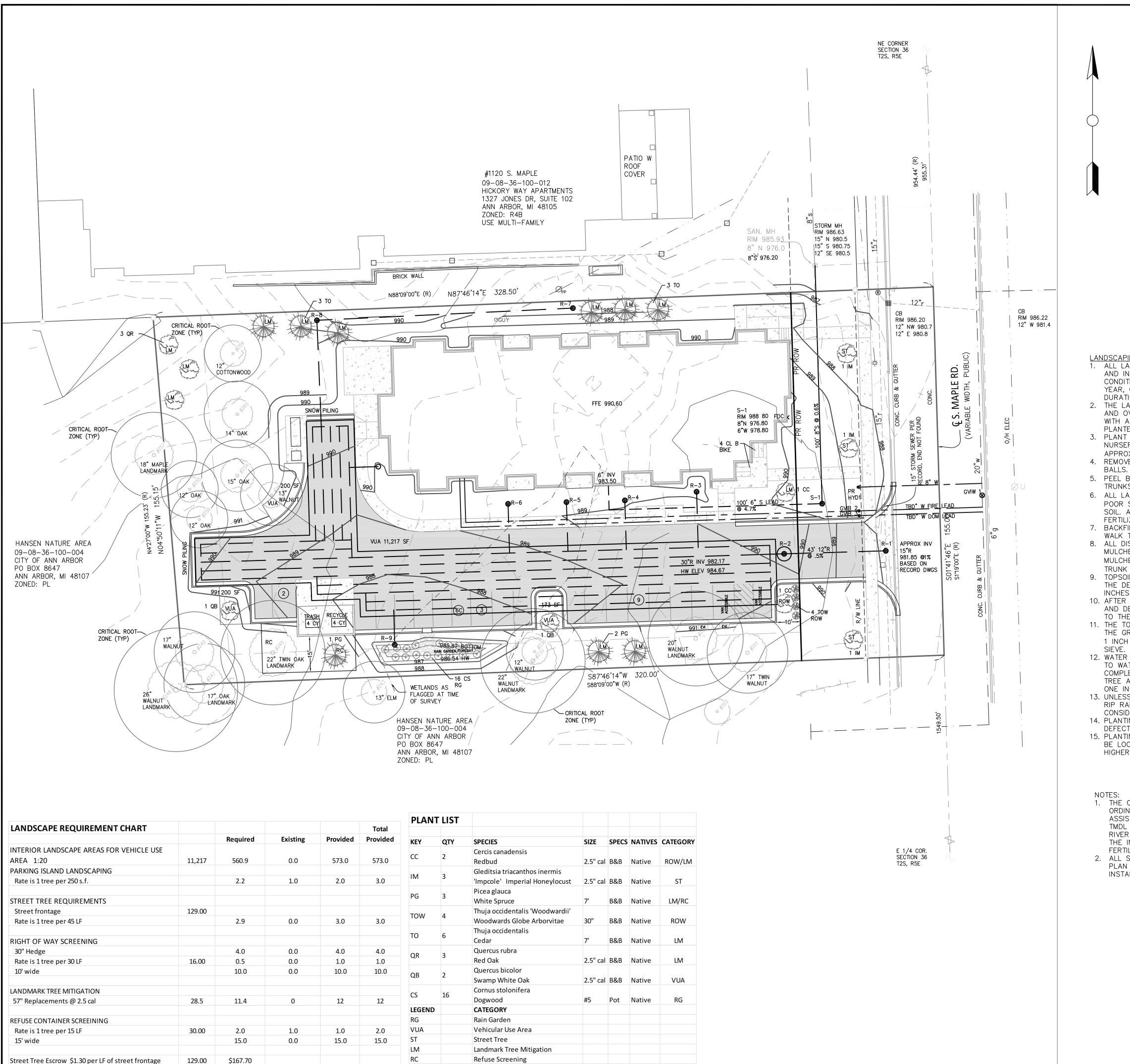


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4-25-24 1"=20' SHEET NO. SP-06



OFIR FOUND IRON ROD
OS SET IRON PIPE
OSMN SET MAG NAIL
OFMN FOUND MAG NAIL

SET WOOD LATH
CONTROL POINT
(M) MEASURED DIMENSION

(R) RECORDED DIMENSION
 ⇒ SURFACE FLOW
 W WATER MANHOLE
 □ FIRE HYDRANT

O V GATE VALVE

BEEHIVE CATCH BASIN

CURB CATCH BASIN

STORM MANHOLE

CULVERT/END SECTION

S SANITARY MANHOLE
LIGHT POLE
UTILITY POLE

TELEPHONE RISER

G GAS MAIN RISER

BARBED WIRE FENCE

PR STORM SEWER

PR SANITARY SEWER

PR WATER MAIN

PR SILT FENCE

PR TREE FENCE

PR INLET FILTER

PR CONCRETE

PR ASPHALT

PR GRAVEL

PR CURB

700 PR CONTOUR LINE

700.00 X PR SPOT GRADE

LANDSCAPING SPECIFICATIONS

1. ALL LANDSCAPING SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH CITY STANDARDS AND IN ACCORDANCE WITH CURRENT INDUSTRY STANDARDS IN A NEAT, HEALTHY AND WEED FREE CONDITION. ANY DEAD, DISEASED OR DAMAGED PLANT MATERIAL IS TO BE REPLACED WITHIN ONE YEAR, OR THE NEXT APPROPRIATE PLANTING PERIOD, AS A CONTINUING OBLIGATION FOR THE DURATION OF THE SITE PLAN.

2. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL UNDERGROUND AND OVERHEAD UTILITIES. PLANT MATERIAL IS TO BE LOCATED SUCH THAT IT WILL NOT INTERFERE WITH ANY UNDERGROUND OR OVERHEAD UTILITIES. CANOPY AND EVERGREEN TREES SHALL NOT BE PLANTED WITHIN 15 FEET OF THE SANITARY SEWER.

3. PLANT TREES AND SHRUBS AT THE SAME GRADE LEVEL AT WHICH THEY WERE GROWN AT THE NURSERY. IF HEAVY CLAY SOILS ARE EVIDENT, PLANT TREES AND SHRUBS HIGHER, APPROXIMATELY 1/3 OF THE ROOT BALL ABOVE THE GRADE.

4. REMOVE ALL TWINE, WIRE, NURSERY TREE GUARDS, TAGS AND INORGANIC MATERIAL FROM ROOT BALLS.

5. PEEL BACK THE TOP 1/3 OF BURLAP FROM EARTH BALLS AND REMOVE ANY BURLAP AROUND TREE

6. ALL LANDSCAPE AREAS SHALL BE EXCAVATED OF ALL BUILDING/CONSTRUCTION MATERIAL AND POOR SOILS TO A DEPTH OF 18-24" AND BACKFILLED WITH GOOD, MEDIUM TEXTURED PLANTING SOIL. APPLICATIONS OF FERTILIZER BEYOND THE INITIAL TOPSOIL AND SEEDING SHALL BE A FERTILIZER WITH NO PHOSPHORUS.

7. BACKFILL DIRECTLY BEHIND ALL CURBS AND ALONG SIDEWALKS AND COMPACT TO TOP OF CURB OR

WALK TO SUPPORT VEHICLE AND PEDESTRIAN WEIGHT WITHOUT SETTLING.

8. ALL DISTURBED UNPAVED AREAS ARE TO BE RESTORED. AREAS OF INDIVIDUAL TREES ARE TO BE MULCHED WITH A MINIMUM OF 4 INCHES SHREDDED HARDWOOD BARK. LAWN TREES ARE TO BE MULCHED WITH A 4' DIAMETER SHREDDED BARK RING. BARK IS TO BE PULLED AWAY FROM THE TRUNK OF TREES LEAVING A 3" CLEAR AREA AROUND THE TRUNK.

9. TOPSOIL SHALL BE REMOVED FROM STOCKPILES AND SPREAD IN THE AREAS SHOWN ON THE PLANS. THE DEPTH OF TOPSOIL SHALL BE A MINIMUM OF 4 INCHES IN LAWN AREAS AND A MINIMUM OF 8 INCHES IN LANDSCAPE PLANTING AREAS.

10. AFTER THE TOPSOIL IS IN PLACE IT SHALL BE FINE GRADED REMOVING ALL ROOTS, STICKS, STONES AND DEBRIS GREATER THAN 2 INCHES IN ANY DIMENSION. THE TOPSOIL SHALL BE FINE GRADED TO THE LINES AND GRADES SHOWN ON THE PLANS.

11. THE TOPSOIL SOIL SHALL HAVE A PH OF 5.5 TO 7.6 AND AN ORGANIC CONTENT OF 3 TO 20%. THE GRADATION OF THE TOPSOIL SHALL BE 100% PASSING 2 INCH SIEVE, 85 TO 100% PASSING THE 1 INCH SIEVE, 65 TO 100% PASSING THE 1/4 INCH SIEVE AND 20 TO 80% PASSING THE NO. 200

12. WATER LAWN AREAS AS NEEDED TO PROMOTE GROWTH. THE CONTRACTOR WILL BE RESPONSIBLE TO WATER, RESEED OR WORK WHEN NECESSARY TO INSURE THE GROWTH OF THE LAWN UNTIL A COMPLETE AND UNIFORM STAND OF GRASS HAS GROWN AND BEEN CUT AT LEAST TWICE. EACH TREE AND SHRUBS SHALL BE WATERED WITH 5 GALLONS OF WATER ONE TIME PER WEEK, UNLESS ONE INCH OF RAIN HAS FALLEN THAT WEEK, FOR THE FIRST GROWING SEASON.

13. UNLESS OTHERWISE NOTED ON THE DRAWINGS, ALL AREAS NOT RECEIVING STRUCTURES, PAVEMENT, RIP RAP, LANDSCAPING OR OTHER IMPROVEMENTS OR FUTURE IMPROVEMENTS SHALL BE CONSIDERED LAWN AREAS AND RECEIVE TOPSOIL AND SEEDING.

14. PLANTINGS SHALL BE SUPPLIED IN GOOD HEALTH, VIGOROUS, AND FREE OF INSECTS, LARVAE, EGGS, DEFECTS AND DISEASE.

15. PLANTING BEDS SHALL BE PREPARED BY LOOSENING THE TOP 1 FOOT OF TOPSOIL. PLANTS SHALL BE LOCATED PER THE PLANS. THE HOLES SHALL BE EXCAVATED WITH THE CENTER SLIGHTLY HIGHER TO PROMOTE DRAINAGE. BERM AROUND PLANTS TO FORM A BOWL SHAPE.

1. THE CITY OF ANN ARBOR HAS ADOPTED AN ORDINANCE LIMITING PHOSPHORUS IN FERTILIZER. TO ASSIST IN COMPLIANCE WITH THE STATE MANDATED TMDL FOR PHOSPHORUS WITHIN THE MIDDLE HURON RIVER BASIN; APPLICATIONS OF FERTILIZER BEYOND THE INITIAL TOPSOIL AND SEEDING SHALL BE A FERTILIZER WITH NO PHOSPHORUS.

2. ALL SPECIES DEVIATIONS FROM THE APPROVED SITE PLAN MUST BE APPROVED IN WRITING PRIOR TO INSTALLATION BY THE CITY OF ANN ARBOR.



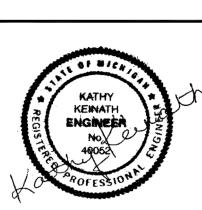
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DEFINITION OF THE STREET STREET

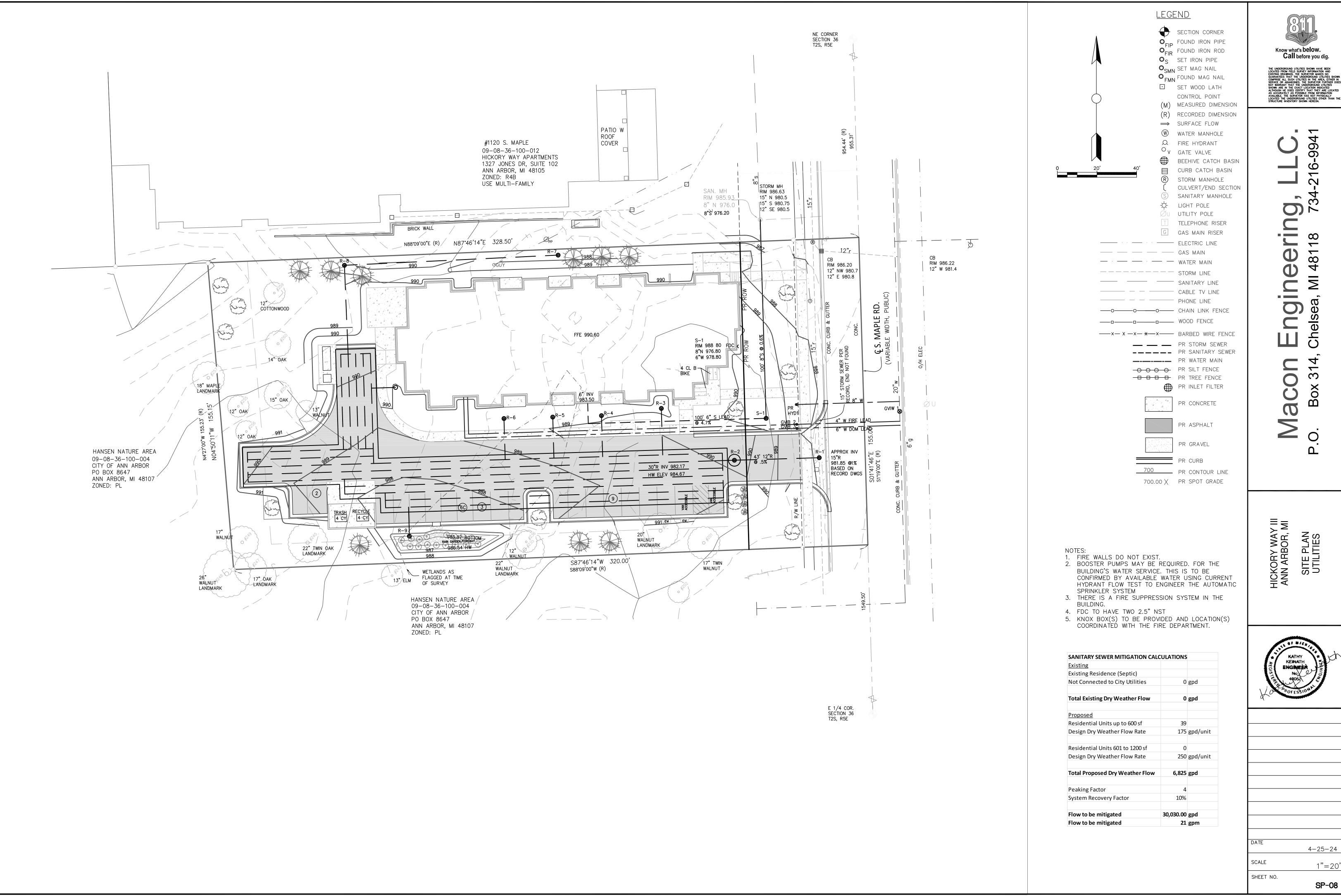
Macon Engineering, LLC.

O. Box 314, Chelsea, MI 48118 734-216-994

HICKORY WAY III ANN ARBOR, MI SITE PLAN LANDSCAPE

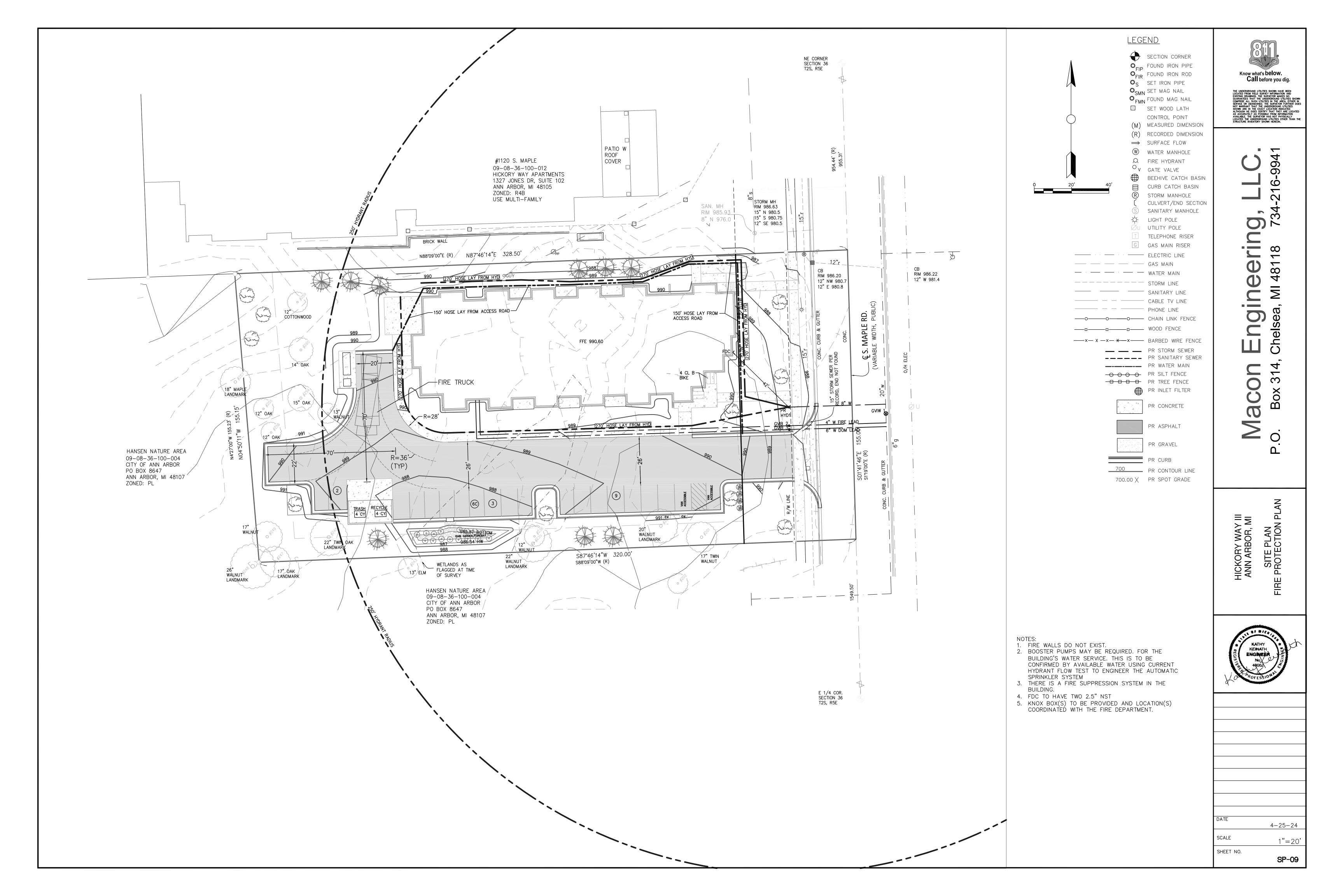


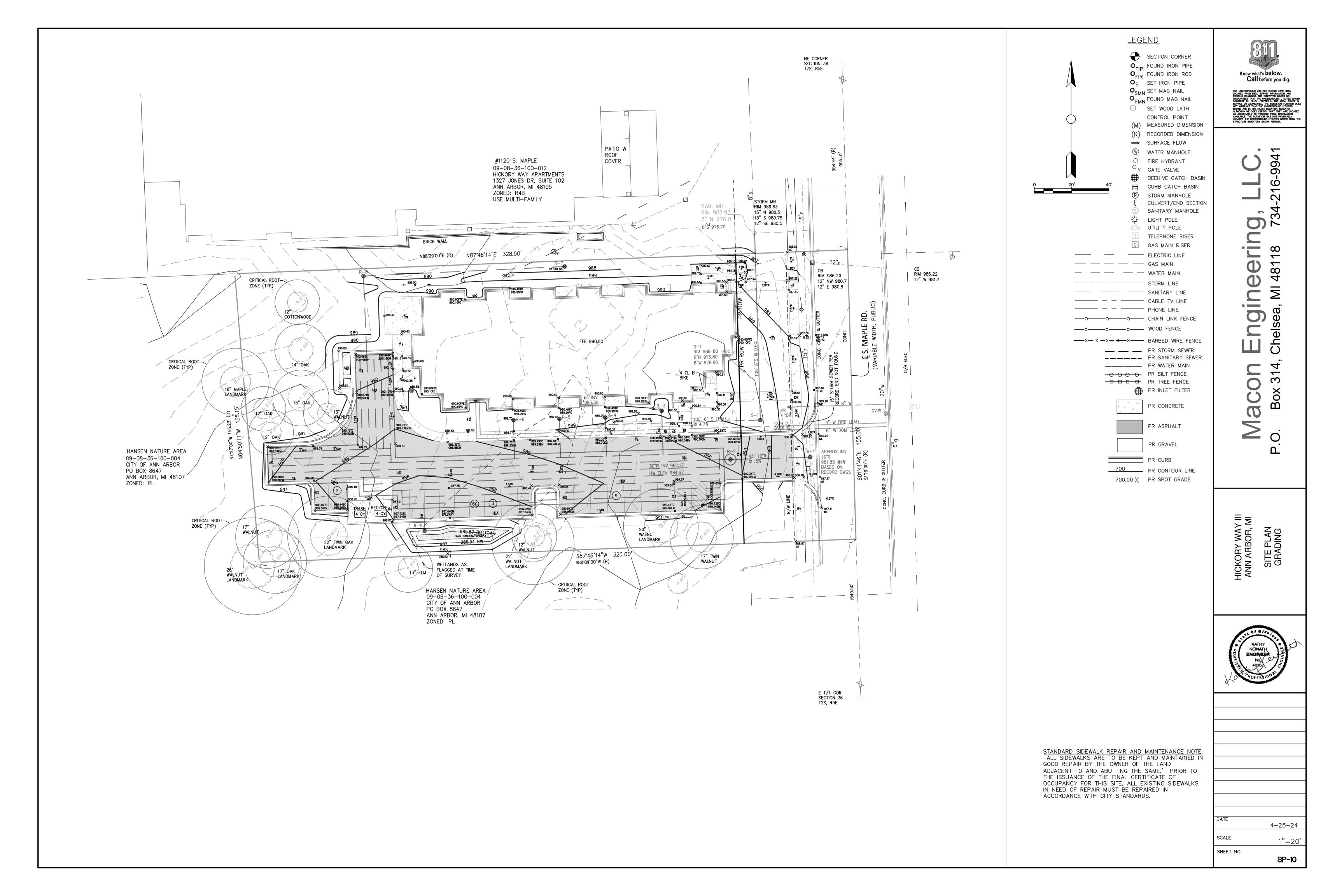
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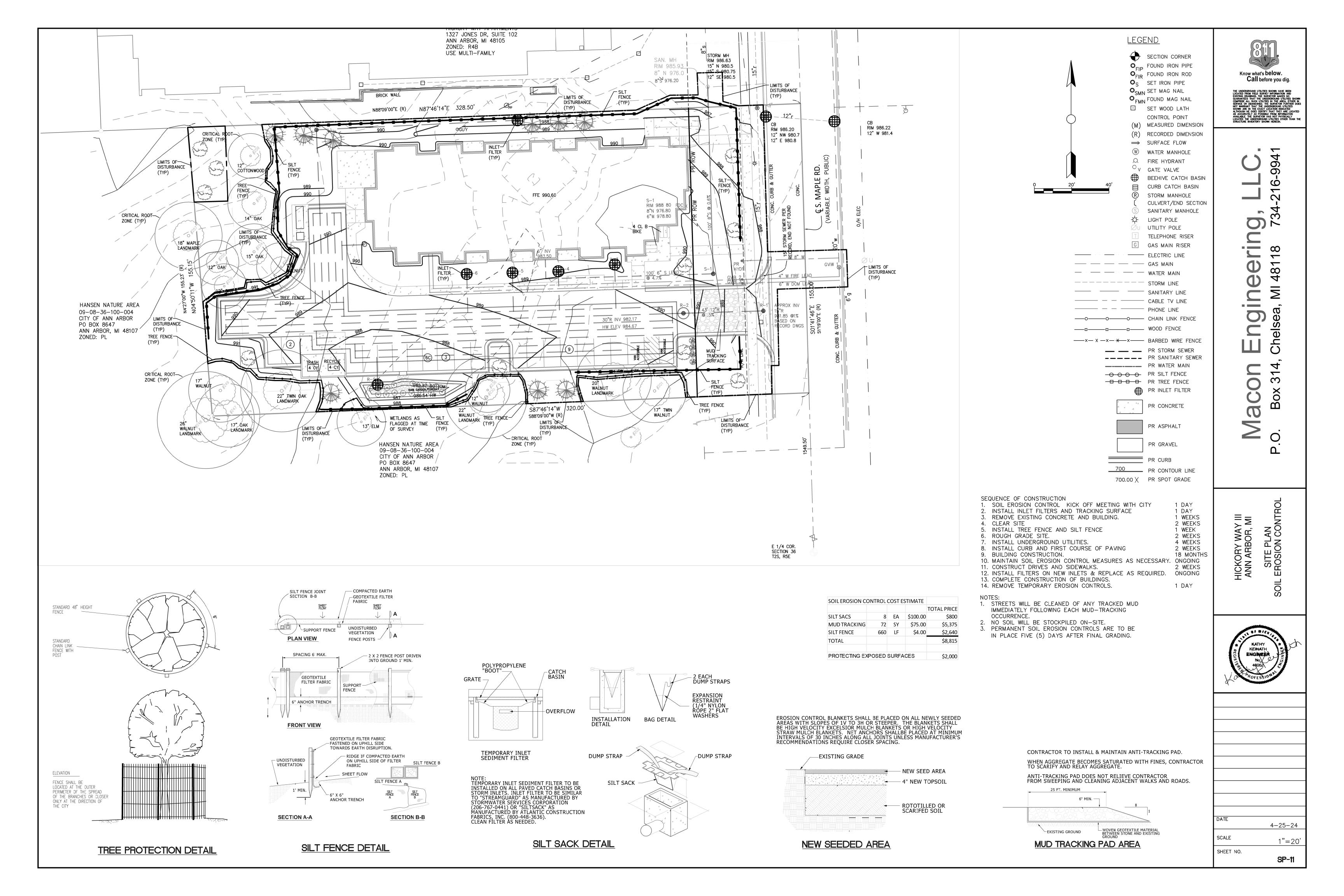


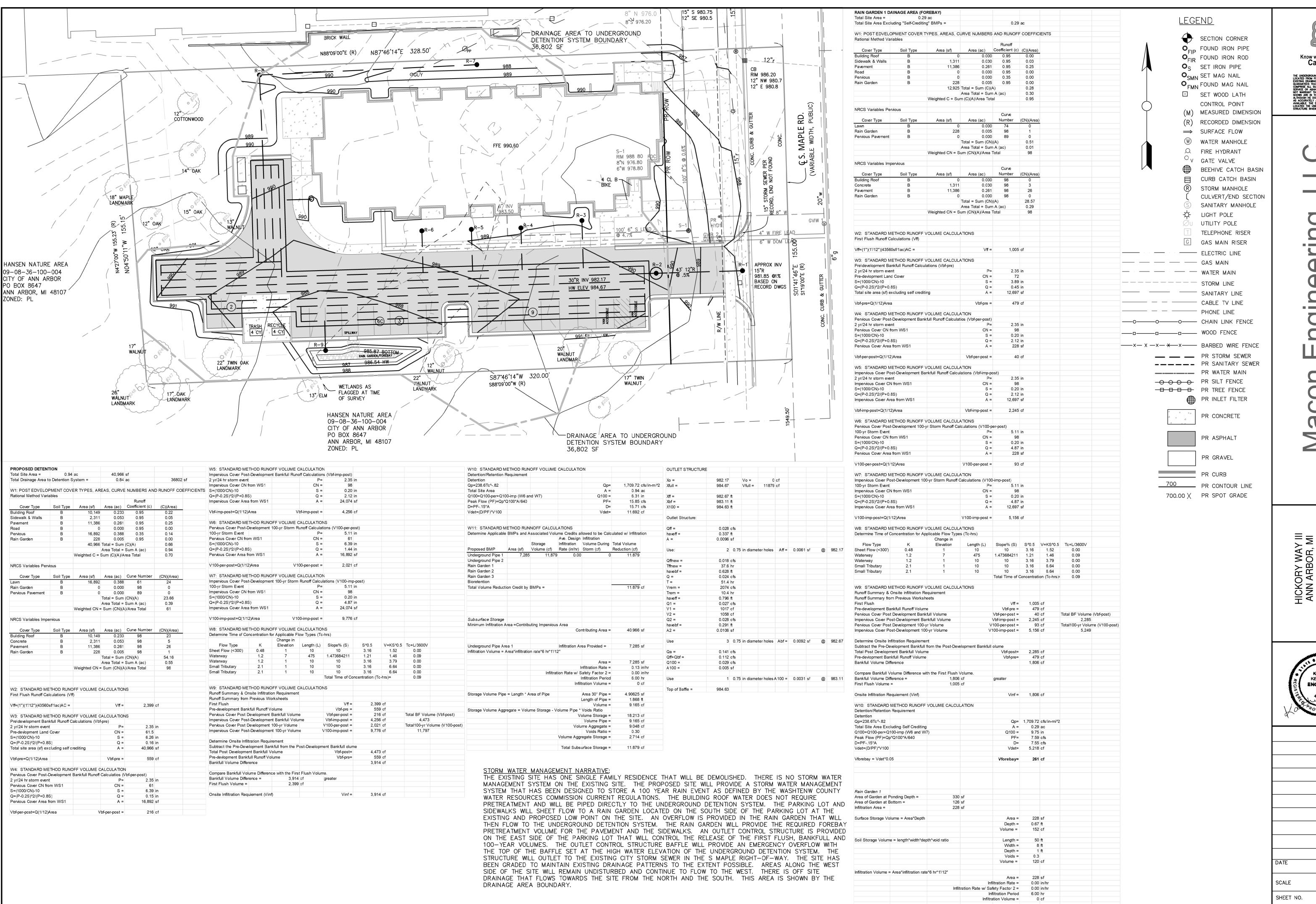
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4-25-24 1"=20'









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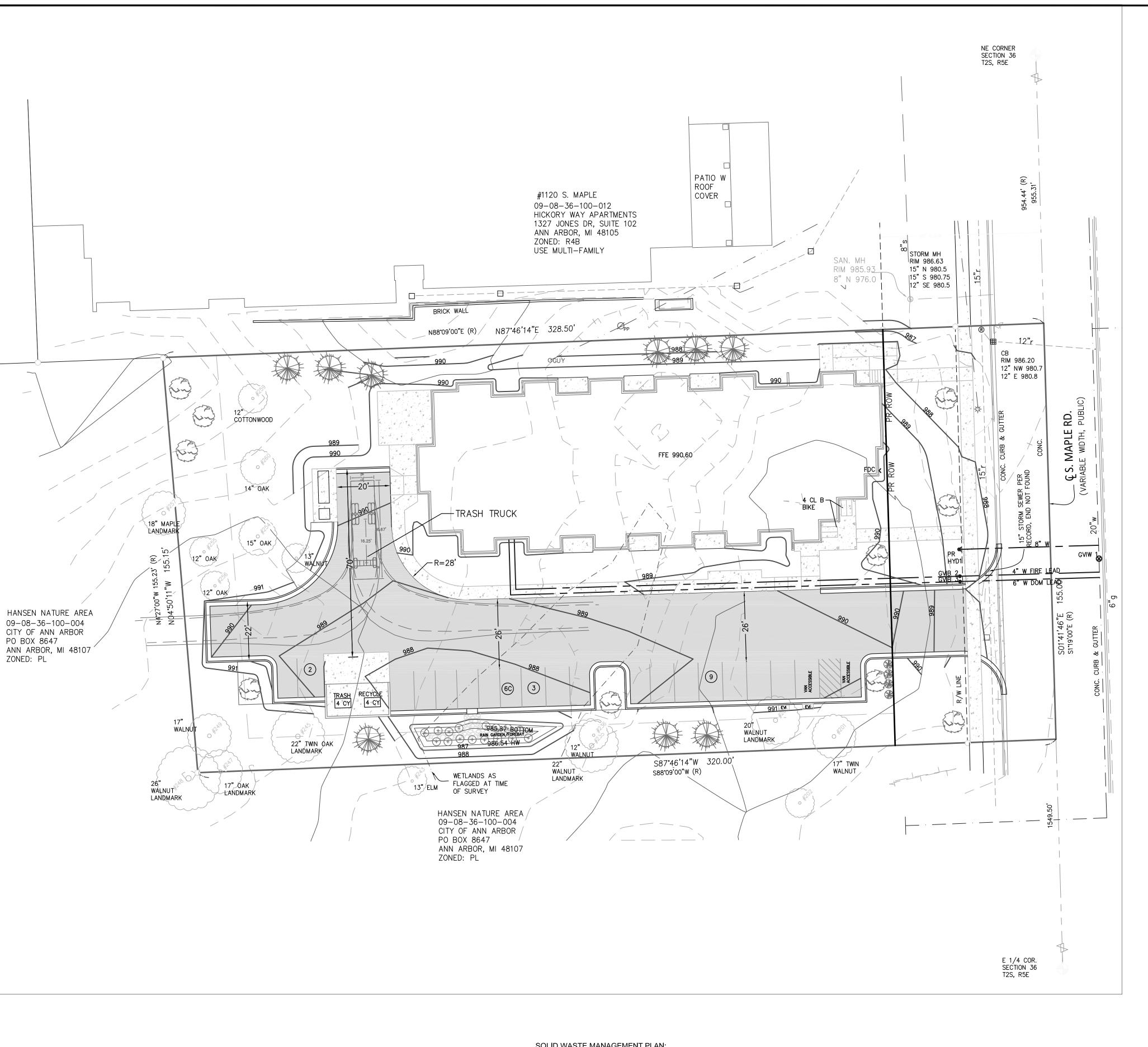
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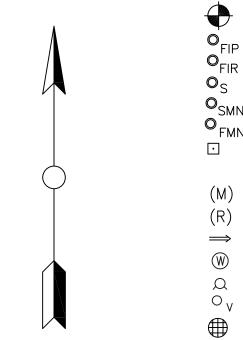
4-25-24 1"=20SP-10

Total Rain Garden Volume = 272 cf



SOLID WASTE MANAGEMENT PLAN: THE DEVELOPMENT PROPOSES TO PROVIDE BOTH REFUSE AND RECYCLING DUMPSTERS FOR STORAGE LOCATED IN THE DUMPSTER ENCLOSURE PROVIDED ON THE SOUTH SIDE OF THE PARKING LOT. CALCULATIONS ARE PROVIDED TO VERIFY THE NUMBER OF DUMPSTERS THAT ARE NEEDED TO SERVE THE PROJECT. ONE 4 CY DUMPSTER FOR TRASH AND ONE 4 CY DUMPSTER FOR RECYCLING WILL BE PROVIDED. ONE COLLECTION PER WEEK IS ANTICIPATED. TRUCKS WOULD ACCESS THE SITE FROM THE PROPOSED DRIVEWAY OFF S MAPLE ROAD AND THEN DRIVE WESTERLY TO THE LOCATION OF THE DUMPSTER PICK UP AREA AS SHOWN ON THE PLAN. A TURNAROUND AREA HAS BEEN PROVIDED FOR THE TRUCKS TO MANUEVER ON THE SITE. THE TRUCK WOULD EXIT THE SITE ON S MAPLE ROAD.





Solid Waste Generation

Dumpsters Provided

Trash Dumpsters

Recycle Dumpster

SECTION CORNER OFIP FOUND IRON PIPE O_{FIR} FOUND IRON ROD O_S SET IRON PIPE O_{SMN} SET MAG NAIL O FMN FOUND MAG NAIL SET WOOD LATH CONTROL POINT (M) MEASURED DIMENSION (R) RECORDED DIMENSION ⇒ SURFACE FLOW W WATER MANHOLE A FIRE HYDRANT O V GATE VALVE BEEHIVE CATCH BASIN CURB CATCH BASIN STORM MANHOLE SANITARY MANHOLE LIGHT POLE

CULVERT/END SECTION UTILITY POLE TELEPHONE RISER G GAS MAIN RISER

ELECTRIC LINE --- GAS MAIN ---- STORM LINE SANITARY LINE ----- CABLE TV LINE PHONE LINE ——————— WOOD FENCE — PR STORM SEWER ---- PR SANITARY SEWER PR WATER MAIN OOO PR SILT FENCE - PR TREE FENCE PR INLET FILTER PR CONCRETE

PR ASPHALT PR GRAVEL PR CURB ______ PR CONTOUR LINE 700.00 X PR SPOT GRADE

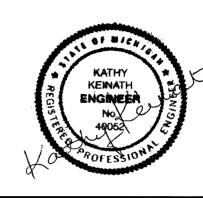
1 lb/day per 100 sf | Wastecare Corporation Industry Standards/National Solid Waste Management Association Wastecare Corporation Industry Standards/National Residential (Apartment) 2.5 lbs/person Solid Waste Management Association 4 lbs/person Wastecare Corporation Industry Standards/National Residential (Apartment) Solid Waste Management Association Approximately 30% of waste is recycled from USEPA data **Proposed Office Building** <u>Area</u> Waste per Day 2500 sf Hickory Way III 175 lbs/week **Total Waste** Trash Generated 123 lbs/week 53 lbs/week Recycle Generated **Proposed Residential** <u>Building</u> <u>Units</u> Waste per Day Efficiency 0 lbs/day 39 1 Bedroom 156 lbs/day 2 Bedroom 0 lbs/day **Total Waste** 156 lbs/week Trash Generated 109 lbs/week 47 lbs/week Recycle Generated Totals **Total Waste** 331 lbs/week Trash Generated 232 lbs/week Recycle Generated 99 lbs/week **Conversion Factors** 336 lbs max capacity from City of Ann Arbor's website 96 gal waste cart = 1 gal waste = 3.5 lbs max capacity from City of Ann Arbor's website 96 gal waste cart = 224 lbs max capacity w/ 1.5 factor of safety 1 gal waste = 2.3 lbs max capacity w/ 1.5 factor of safety 400 lbs 2 cy dumpster holds Waste Management Capacity 267 lbs 2 cy dumpster holds max capacity w/ 1.5 factor of safety 4 cy dumpster holds 800 lbs Waste Management Capacity 533 lbs max capacity w/ 1.5 factor of safety 4 cy dumpster holds 1200 lbs 6 cy dumpster holds Waste Management Capacity 800 lbs max capacity w/ 1.5 factor of safety 6 cy dumpster holds Dumpsters Required w/o Compactor 0.868875 ea 2 cy dumpster Trash per week 0.372375 ea 2 cy dumpster Recycle per week 4 cy dumpster 0.434438 ea Trash per week 0.186188 ea 4 cy dumpster Recycle per week 6 cy dumpster 0.289625 ea Trash per week 0.124125 ea Recycle per week 6 cy dumpster

1 ea 4 cy w/o compactor

1 ea 4 cy w/o compactor

9 ∞ 4 els Ch 14 \Im Box

HICKORY WAY III ANN ARBOR, MI SITE PLAN SOLID WASTE MANAGEMENT PLA

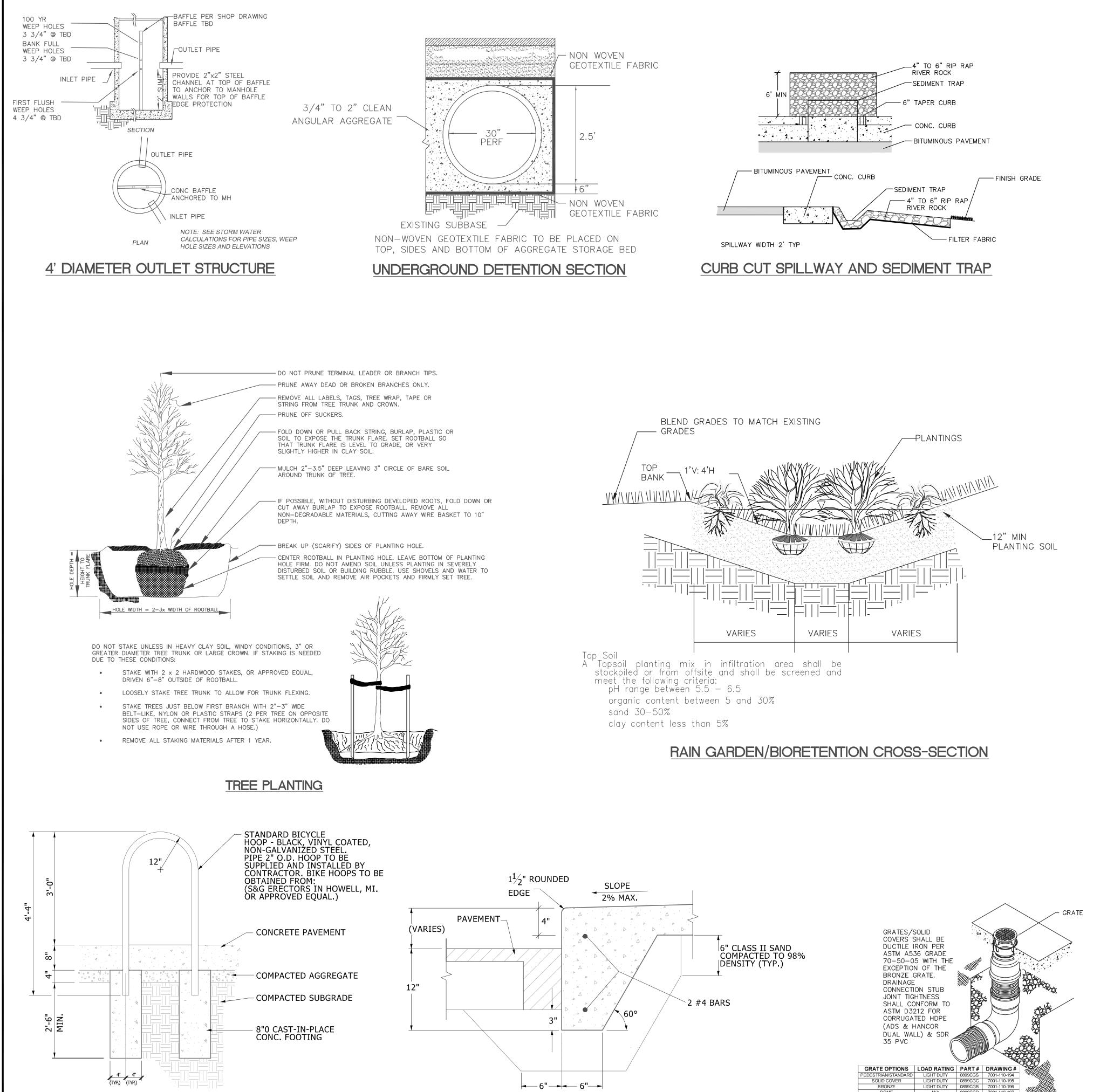


4-25-24 SCALE 1"=20' SHEET NO.

SP-13

Call before you dig.

Know what's below.



ON-SITE THICKENED EDGE WALK DETAIL

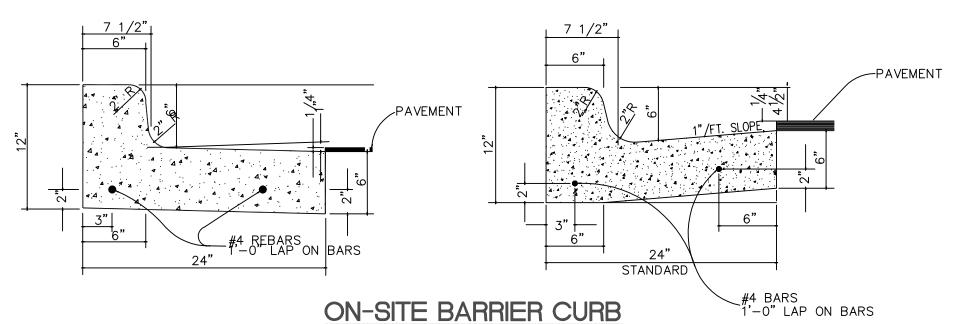
NYLOPLAST INLINE YARD DRAIN

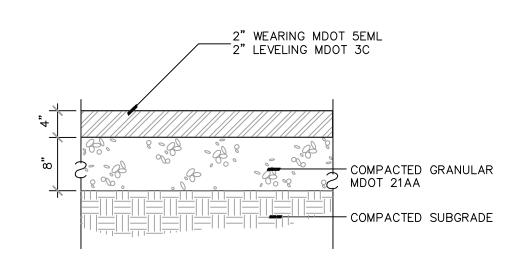
ON-SITE BICYCLE HOOP DETAIL

PERMANENT MAINTENANCE TASKS AND SCHEDULE

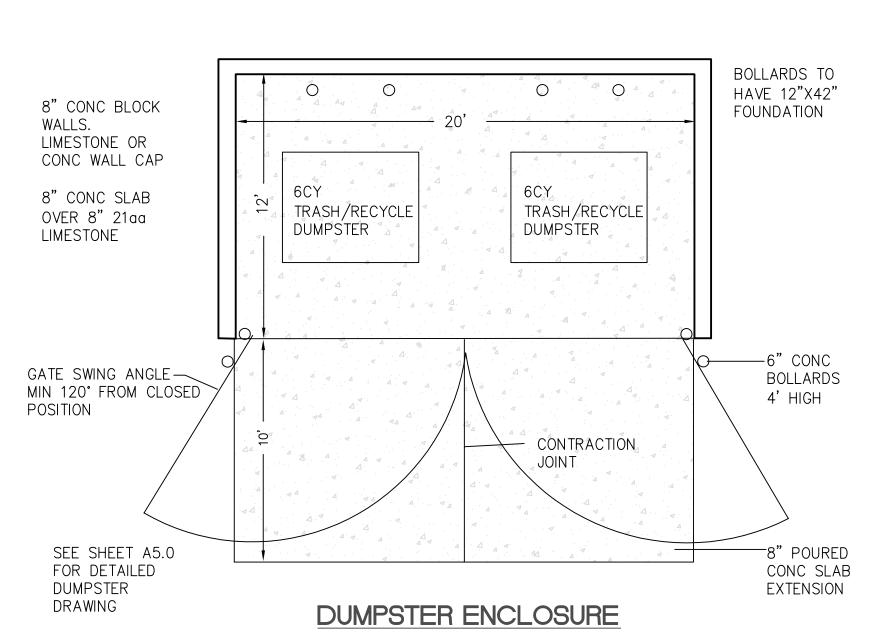
			I			
TASKS	Catch Basin	Rain Gardens	Rip-Rap	Subsurface Infiltration	Emergency Overflow	SCHEDULE
	Inlet					
	Castings					
Inspect for sediment accumulation	X	X	X	X	×	Following storms over 1 inch
Removal of sediment accumulation	X	X	X	X	X	As needed
Inspect for floatables and debris	X	X		X	X	Annually
Clearing of floatables and debris	X	X		X	X	Annually
Inspection for erosion		X	X			Annually
Re — establish permanent vegetation on eroded slopes		X				As needed
Replacement of stone			X			Every 3-5 years
Inspect Storm system components following storms of 1 inch or more	X	X	X	X	X	As needed
Make adjustments or replacements as determined by annual wet weather inspection	X	X	X	X	X	As needed
Keep records of inspections and maintenance activities and report to owner.	X	X	X	X	X	Annually
Keep records of costs for inspections, maintenance & repairs. report to owner.	X	X	X	X	X	Annually

The responsible party for implementing the maintenance plan will be the owner. The estimated cost for implementing the maintenance plan is \$1,000 annually.





ON-SITE BITUMINOUS PAVEMENT



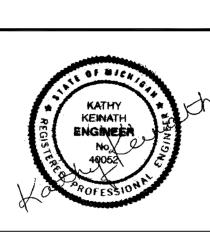


XO

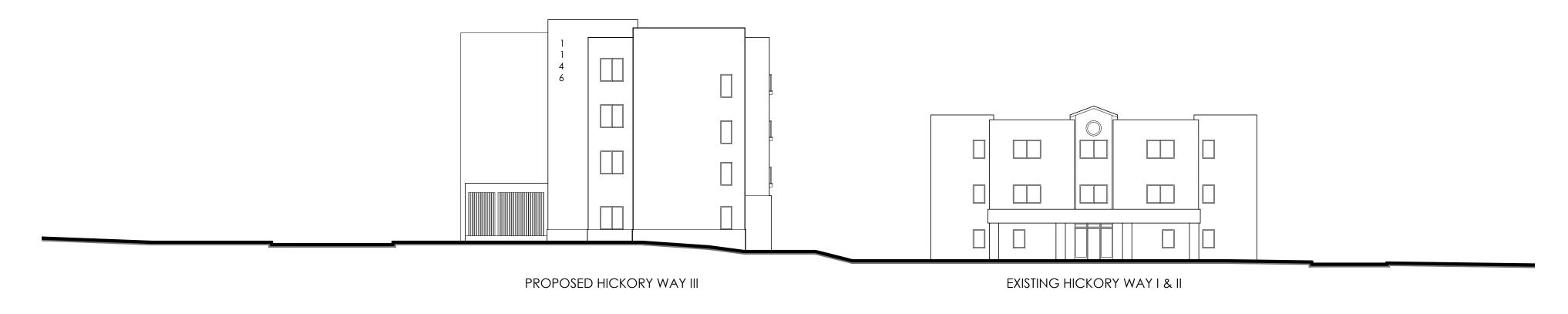
Know what's below.

Call before you dig.

HICKORY WAY III ANN ARBOR, MI SITE PLAN DETAILS

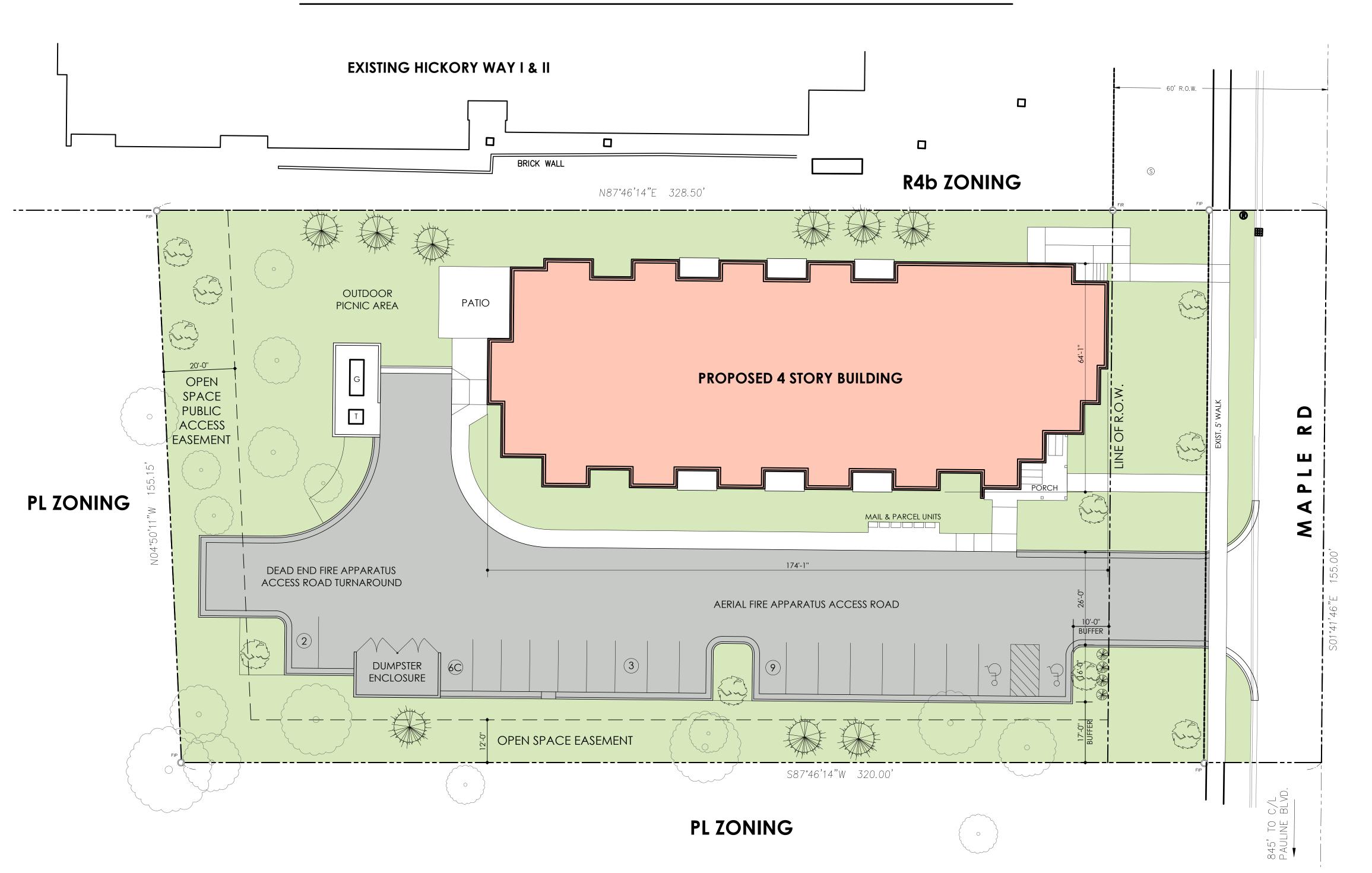






VERTICAL SITE SECTION

SCALE: 1/16"=1'-0"



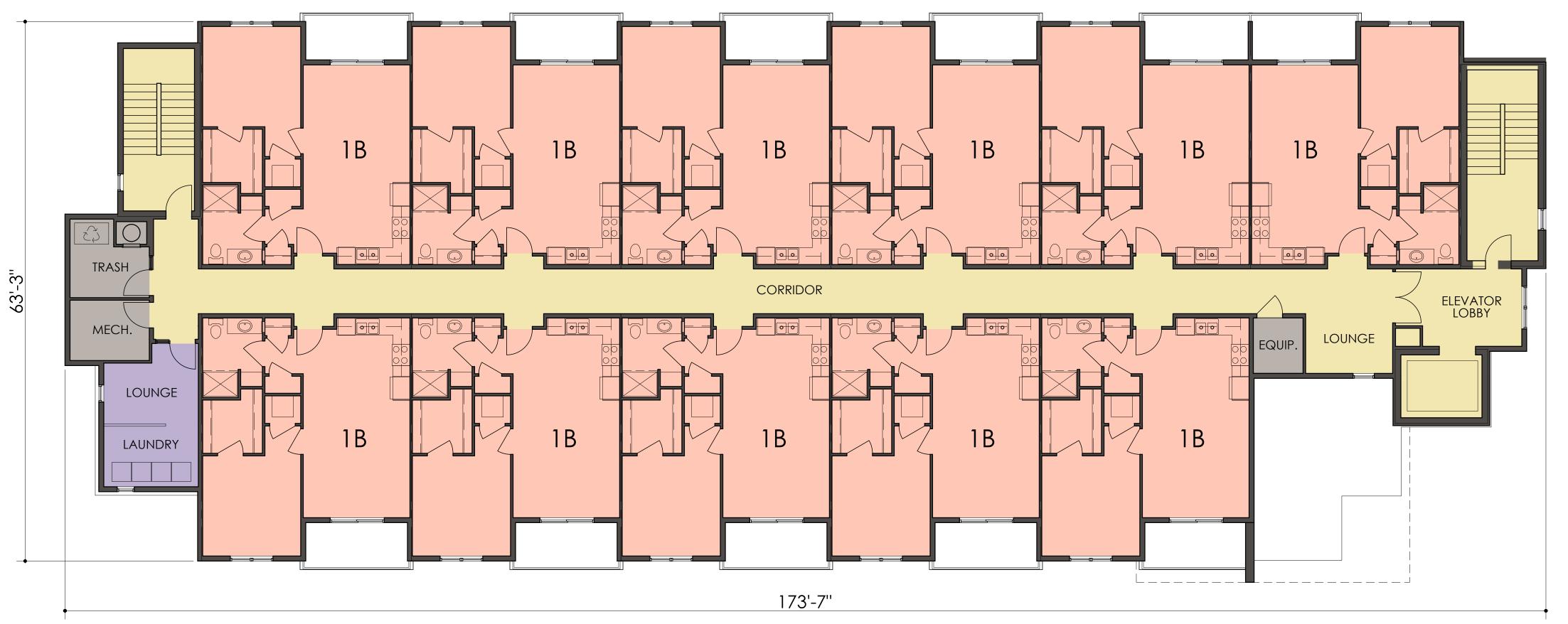
SITE DATA

<u> </u>	
ZONING EXISTING PROPOSED	TWF PUC
SITE AREA	1.15 ACRES
BUILDING USE	LOW INCOME & PERMANENT SUPPORTIVI HOUSING (MSHDA 9%)
BUILDING HEIGHT	4 STORY (48'
FIRST FLOOR SECOND FLOOR THIRD FLOOR FOURTH FLOOR TOTAL	6 11 11 <u>11</u> 39
BUILDING AREA FIRST FLOOR SECOND FLOOR THIRD FLOOR FOURTH FLOOR TOTAL	9,569 9,294 9,294 <u>9,294</u> 37,451
VEHICLE PARKING REQUIRED PROVIDED	0 20

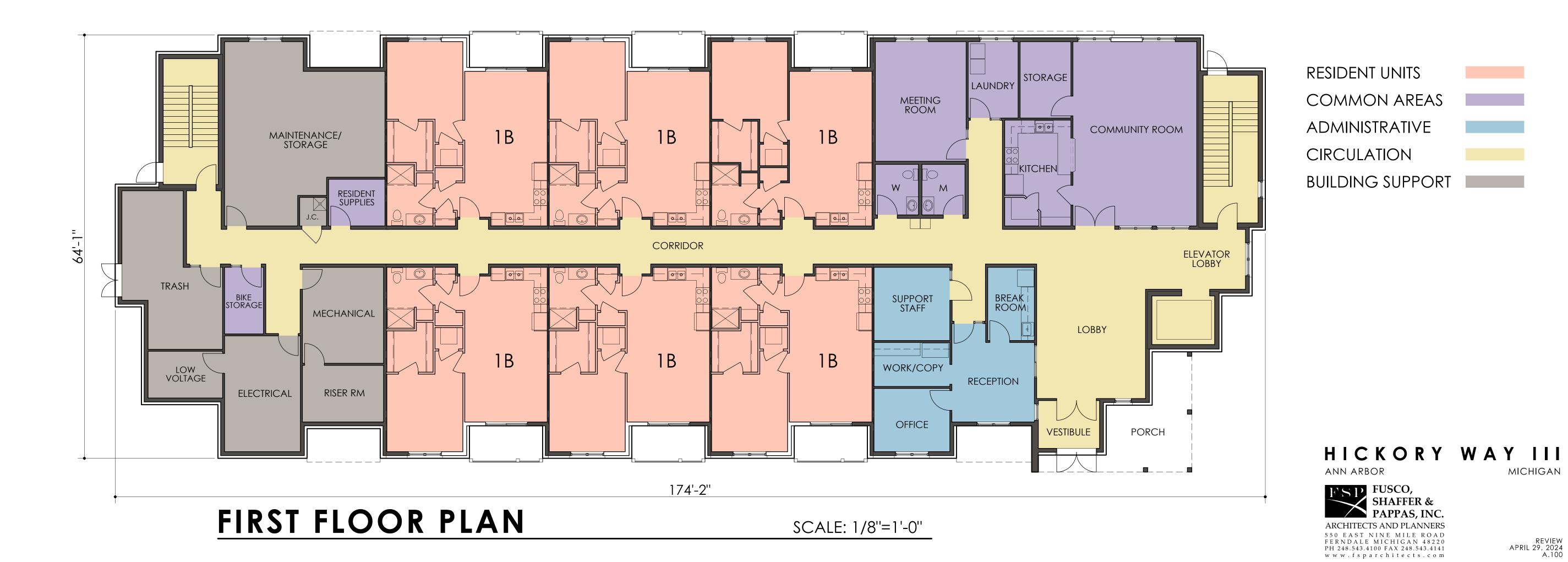
HICKORY WAY III ANN ARBOR MICHIGAN

550 EAST NINE MILE ROAD FERNDALE MICHIGAN 48220 PH 248.543.4100 FAX 248.543.4141 www.fsparchitects.com

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SECOND - FOURTH FLOOR PLAN SCALE: 1/8"=1'-0"



MICHIGAN

REVIEW APRIL 29, 2024 A.100



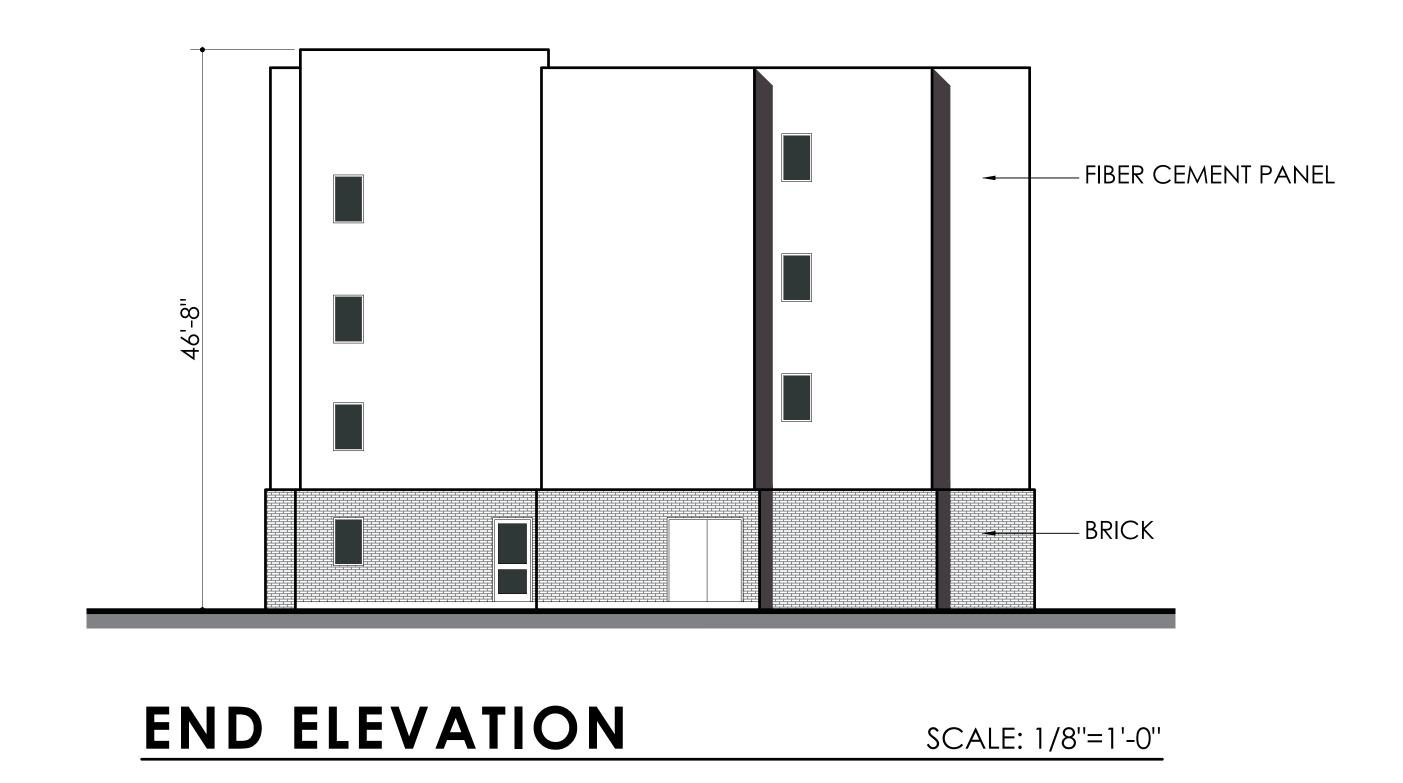
ELEVATION at MAPLE RD SCALE: 1/8"=1'-0"



FRONT ELEVATION

SCALE: 1/8"=1'-0"

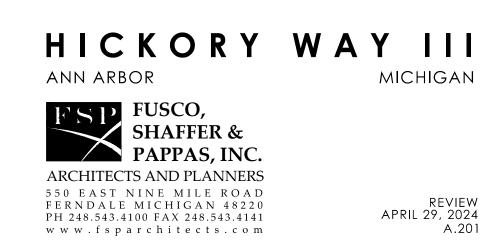






REAR ELEVATION

SCALE: 1/8"=1'-0"





HICKORY WAY III
ANN ARBOR MICHIGAN

