OWNER/DEVELOPER/PETITIONER: 303 DETROIT STREET LLC

GREG COPP 2723 SOUTH STATE STREET SUITE 250

ANN ARBOR MICHIGAN 48104 PHONE: 734-930-6700

CONTRACTOR/DEVELOPER: **HURON CONTRACTING** THOMAS FITZSIMMONS PO BOX 3783 ANN ARBOR, MI 48106 PHONE: 734-395-0470

ENGINEER/PETITIONER'S AGENT: MACON ENGINEERING, LLC KATHY KEINATH, P.E. PO BOX 314 CHELSEA. MI 48118 PHONE: 734-216-9941

ARCHITECT **RUETER ASSOCIATES** MARC RUETER & JIM SCRIVENS 515 FIFTH STREET ANN ARBOR. MI 48103

SURVEYOR: **KEM-TEC & ASSOCIATES** ANTHONY SYCKO, JR, PS 2255 GRATIOT AVE. EASTPOINTE, MI 48021 586-772-2222

PHONE: 734-769-0070

303 DETROIT ST

ANN ARBOR, WASHTENAW COUNTY

SITE PLAN SP24-0026

COMPARISON CHART

Kerrytown

11,613 sf

137.02 ft

38,442 sf

4.98 ft

0.78 ft

6.03 ft *

0 ft

Kerrytown

11,613 sf

137.02 ft

29,977 sf

4.98 ft

0.78 ft

10.28 ft

8.47 ft

59.08 ft

REQUIRED

Kerrytown

Max 60 ft

Ave 5 ft

Max 40 ft

Min 2 stories, Max 3 stories

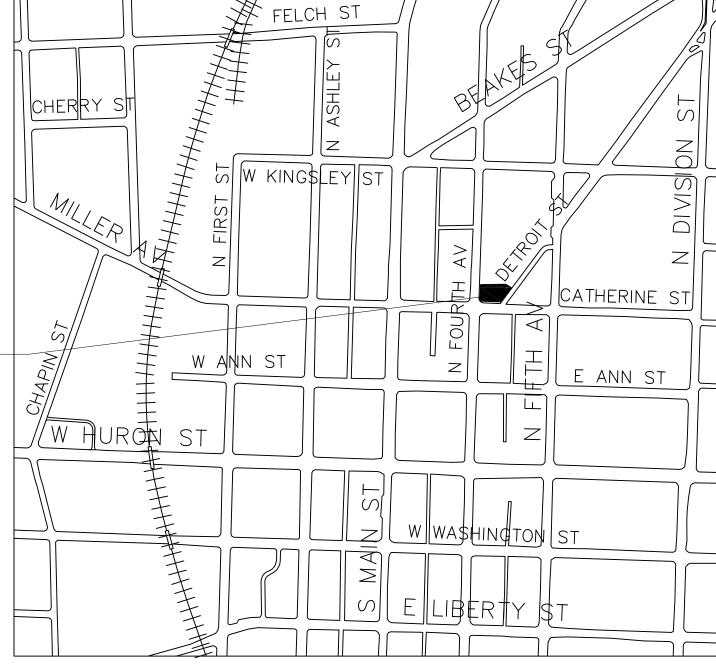
14 A 1/2500 sf usable floor area

1 C 1/10,000 sf usable floor area

90% of Dwelling Units (11.7)

10% of Dwelling Units (1.3)

PROJECT SITE



LEGAL DESCRIPTION

THE LAND SITUATED IN THE CITY OF ANN ARBOR, COUNTY OF WASHTENAW,

LOT 77, ASSESSOR'S PLAT NO. 29, AS RECORDED IN LIBER 9 OF PLATS,

LOCATION MAP N.T.S.

STATE OF MICHIGAN, IS DESCRIBED AS FOLLOWS:

PAGE 20, WASHTENAW COUNTY RECORDS.

STATEMENT OF INTEREST IN LAND

THE PETITIONER IS THE OWNER. DEVELOPER AND MANAGING MEMBER OF THE PROPERTY.

DEVELOPMENT PROGRAM

THE DEVELOPMENT PROGRAM FOR THE PROJECT INCLUDES CONVERTING THE EXISTING COMMERCIAL BUILDING TO A RESIDENTIAL BUILDING. THE PROPOSED IMPROVEMENTS TO THE BUILDING WILL PROVIDE 16 RESIDENTIAL CONDOMINIUMS. THE SITE IS ZONED D2 AND IN THE KERRYTOWN CHARACTER DISTRICT WITH SECONDARY STREET FRONTAGE ON DETROIT STREET, FOURTH AVENUE AND CATHERINE STREET. PARKING WILL ALSO BE PROVIDED BY A PARKING CAROUSEL WITH A TURNTABLE LOCATED IN THE BUILDING. AN ADDITIONAL FLOOR WILL BE ADDED TO THE BUILDING.

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. IT IS SCHEDULED TO BEGIN UPON APPROVAL AND BE COMPLETED BY 2026. CONSTRUCTION COST ARE CURRENTLY ESTIMATED TO BE \$20,000,000.

THE PROJECT WAS REVIEWED BY THE DESIGN REVIEW BOARD ON OCTOBER 9. 2024

COMMUNITY ANALYSIS

THE PROPOSED PROJECT SITE IS LOCATED WITH FRONTAGE ON THREE (3) STREETS INCLUDING DETROIT STREET, FOURTH AVENUE AND CATHERINE STREET IN DOWNTOWN ANN ARBOR. THE SITE IS CURRENTLY ZONED D2. THE EXISTING SITE INCLUDES TWO BUILDINGS. THE FIRST BUILDING WAS CONSTRUCTED IN 1856 AND THE SECOND BUILDING WAS CONSTRUCTED IN 1988. THE PROPERTY TO THE NORTH IS THE FARMER'S MARKET ZONED PL. THE PROPOSED PROJECT HAS BEEN DESIGNED WITH OPEN BALCONIES. THE EXISTING SUNKEN PATIO AREA AND CIRCULAR STAIRS WILL REMAIN.

THE PROPOSED DEVELOPMENT IS NOT ANTICIPATED TO HAVE A NEGATIVE IMPACT ON PUBLIC SCHOOLS, SURROUNDING DEVELOPMENT, AIR OR WATER QUALITY. THERE ARE NO HISTORIC SITES OR STRUCTURES ON THE PROJECT SITE. THERE ARE NO NATURAL FEATURES ON THE SITE.

TRAFFIC IMPACT ANALYSIS

VEHICULAR, PEDESTRIAN AND BICYCLE ROUTES ARE SHOWN ON THE PLANS. TRIP GENERATIONS ARE SHOWN BELOW BASED ON THE INSTITUTE OF TRANSPORTATION ENGINEERS COMMON TRIP GENERATIONS FOR CONDOMINIUM USES. NO TRAFFIC STUDY IS REQUIRED BASED ON CITY CODE. PLEASE NOTE THAT THE PROJECT ONLY PROPOSES TO PROVIDE 13 PARKING SPACES. THERE WILL BE 12 SPACES PROVIDED BY A PARKING CAROUSEL AND TURN TABLE LOCATED WITHIN THE BUILDING AND 1 ADA ACCESSIBLE SPACE ALSO WITHIN THE BUILDING.

SITE TRIP GENERATION									
AM Peak Hour PM Peak Hour					ur				
Land Use	ITE Code	Amount	Units	In	Out	Total	In	Out	Total
Condominiums	220	14	DU	2	5	7	5	3	8

SOIL EVALUATION

Trip Rates taken from ITE Trip Generation manual, 11th Edition

THE SOILS ON THE SITE ARE FOX SERIES FOB BASED ON THE COUNTY SOIL MAPS. INFILTRATION TESTING ON THE SITE WAS NOT PERFORMED AS THE SITE IS COMPLETELY DEVELOPED AND THE EXISTING BUILDINGS ARE PROPOSED TO REMAIN.

GENERAL DESCRIPTION OF NATURAL FEATURES

Charater Overlay District

Residential Dwelling Units

Commercial Units

Front Setback Detroit

Front Setback Fourth

Front Setback Catherine

Offset at Top of Streetwall

Bicycle Parking Residential

Bicycle Parking Nonresidential

* From areaway to property line

** Street Wall Height due to existing building

*** Not including balconies and areaways

Total Floor Area

Side Setback

Building Height

Streetwall Height

Massing Articulation

Building Coverage

Vehicular Parking

EV-C Vehicular Parking EV-I Vehicular Parking

Open Space

Lot Area

THERE ARE NO WOODLANDS, WETLANDS, LANDMARK TREES, WATERCOURSES, STEEP SLOPES. FLOODPLAINS, OR ENDANGERED SPECIES HABITAT LOCATED ON THE SITE.

NATURAL FEATURES STATEMENT OF IMPACT

THERE ARE NO NATURAL FEATURES LOCATED ON THE SITE. THERE WILL BE NO IMPACT TO NATURAL FEATURES.

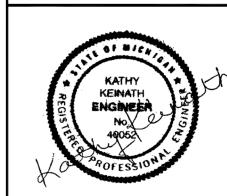
STANDARD SIDEWALK REPAIR AND MAINTENANCE NOTE

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 UNIQUENESS OF THE SITE AS WELL AS THE CONFIGURATION OF DETROIT STREET. CATHERINE STREET AND FOURTH AVENUE MAKE ACCESS TO THE SITE FOR SOLID WASTE TRUCKS CHALLENGING. THE DEVELOPMENT CONSIDERED SEVERAL INNOVATIVE SOLUTIONS THAT TOOK INTO ACCOUNT SAFE ACCESS FOR TRUCKS, SAFETY OF PEDESTRIANS AND SAFETY OF MOTOR VEHICLES USING DETROIT STREET AND FOURTH AVENUE. IT WAS DETERMINED THAT THE BEST SOLUTION WAS TO ELIMINATE THE NEED FOR SOLID WASTE VEHICLES TO ENTER AND EXIT THE SITE BY HAVING DUMPSTERS COLLECTED FROM A LOCATION ON FOURTH AVE. A COMPLETE SOLID WASTE MANAGEMENT PLAN IS PROVIDED IN THE PLAN SET TO ADDRESS SOLID WASTE MANAGEMENT.

	SHEET INDEX		
SP-01	COVER	A1	BASEMENT LEVEL
SP-02	EXISTING CONDITIONS	A2	FIRST FLOOR
SP-03	ALTA SURVEY	АЗ	SECOND FLOOR
SP-04	DEMOLITION PLAN	A4	THIRD FLOOR
SP-05	LAYOUT PLAN	A5	FOURTH FLOOR
SP-06	NATURAL FEATURES	A6	FIFTH FLOOR
SP-07	LANDSCAPE	Α7	ROOF PLAN
SP-08	UTILITIES AND FIRE PROTECTION	A8	ELEVATIONS
SP-09	STORM WATER MANAGEMENT, GRADING	A9	ELEVATIONS
	AND SOIL EROSION CONTROL PLAN	A10	PERSPECTIVES
SP-10	SOLID WASTE MANAGEMENT PLAN	A11	SECTION
SP-11	SITE DETAILS		



303 ANN ,

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

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Box

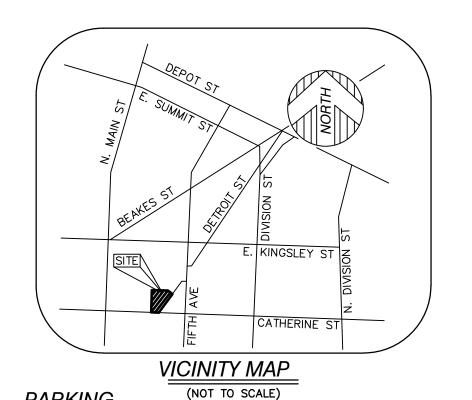
SITE PLAN COVER

	5-5-25
	4-5-25
	2-17-25
	10-29-24
	10-16-24
DATE	10-3-24
SCALE	N.T.S.
SHEET NO.	
	SP-01

PRELIMINARY NOT FOR CONSTRUCTION

SP-12 DDA DETAILS

SP-13 PHOTOMETRIC PLAN



PARKING NO MARKED PARKING ON SITE.

PARCEL AREA

 $11,612\pm$ SQUARE FEET = $0.27\pm$ ACRES

BASIS OF BEARING

NORTH 85°57'30" WEST, BEING THE CENTER LINE OF CATHERINE STREET, AS PLATTED.

BENCHMARK

SITE BENCHMARK #1
TOP OF EAST BOLT OF FLANGE ON FIRE HYDRANT EAST SIDE OF NORTH FORTH AVE 110'± NORTH OF CATHERINE. ELEVATION = 826.97' (NAVD 88)

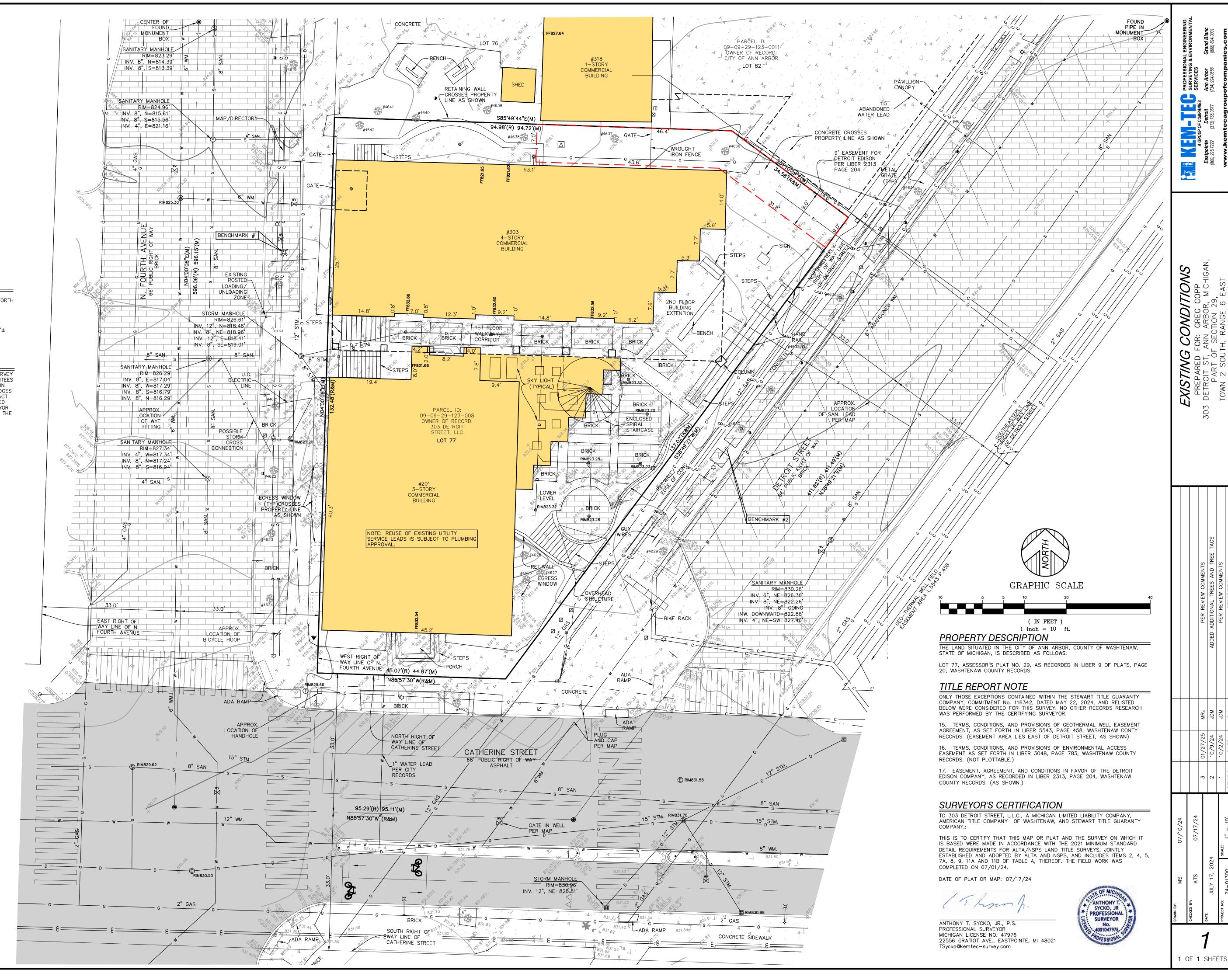
SITE BENCHMARK #2

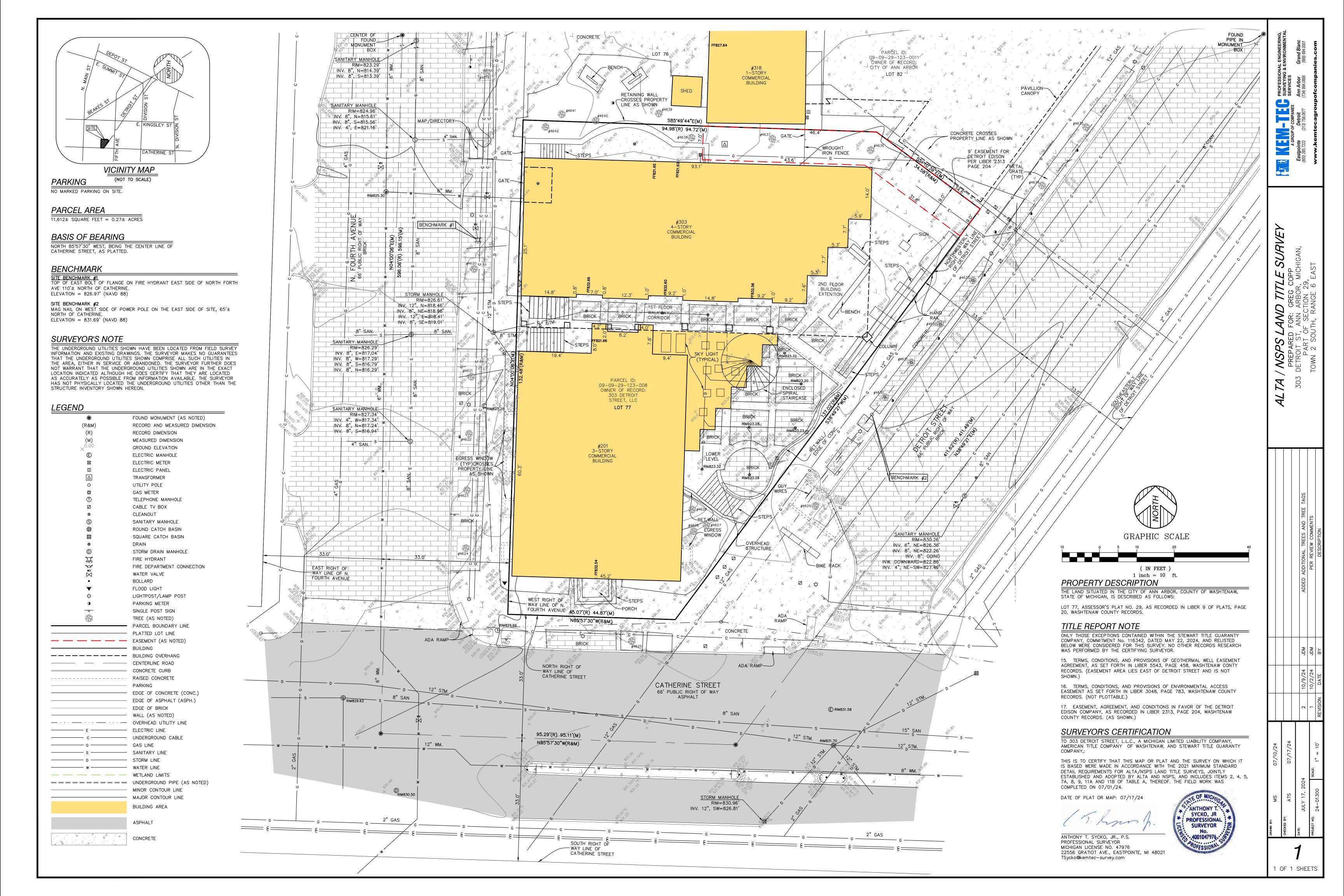
MAG NAIL ON WEST SIDE OF POWER POLE ON THE EAST SIDE OF SITE, 65'± NORTH OF CATHERINE. ELEVATION = 831.69' (NAVD 88)

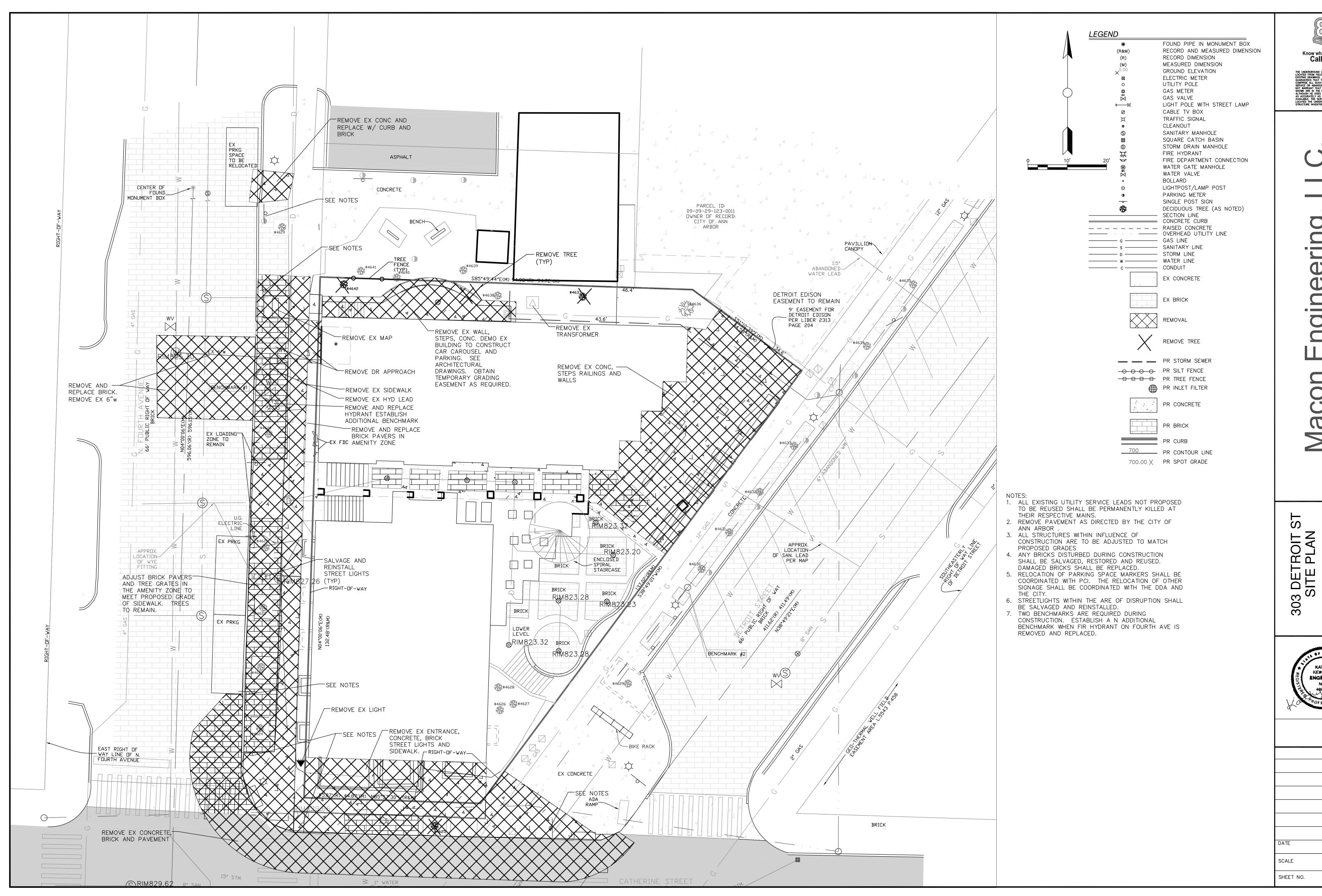
SURVEYOR'S NOTE

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES OTHER THAN THE STRUCTURE INVENTORY SHOWN HEREON.

_EGEND	
•	FOUND MONUMENT (AS NOTED)
(R&M)	RECORD AND MEASURED DIMENSION
(R)	RECORD DIMENSION
(M)	MEASURED DIMENSION
× ^{0.00}	GROUND ELEVATION
(E)	ELECTRIC MANHOLE
⊠	ELECTRIC METER
Ш	ELECTRIC PANEL
	TRANSFORMER
0	UTILITY POLE
	GAS METER
①	TELEPHONE MANHOLE
	CABLE TV BOX
8	CLEANOUT
<u>\$</u>	SANITARY MANHOLE
⊕	ROUND CATCH BASIN
=	SQUARE CATCH BASIN
Ø	DRAIN
© **	STORM DRAIN MANHOLE
¥ ¥ ⋈	FIRE HYDRANT
w	FIRE DEPARTMENT CONNECTION
•	WATER VALVE
•	BOLLARD FLOOD LIGHT
▼ \$	
φ 0	LIGHTPOST/LAMP POST PARKING METER
	SINGLE POST SIGN
24	TREE (AS NOTED)
TEP	PARCEL BOUNDARY LINE
	PLATTED LOT LINE
	EASEMENT (AS NOTED)
	BUILDING
	BUILDING OVERHANG
	PARKING
	EDGE OF CONCRETE (CONC.)
	EDGE OF ASPHALT (ASPH.)
	EDGE OF BRICK
	WALL (AS NOTED)
_ 	OVERHEAD UTILITY LINE
—— Е ———	ELECTRIC LINE
c	UNDERGROUND CABLE
G	GAS LINE
s	SANITARY LINE
D	STORM LINE
w	WATER LINE
	WETLAND LIMITS
	UNDERGROUND PIPE (AS NOTED)
	MINOR CONTOUR LINE
	MAJOR CONTOUR LINE
	BUILDING AREA
	ASPHALT







Know what's below. Call before you dig.

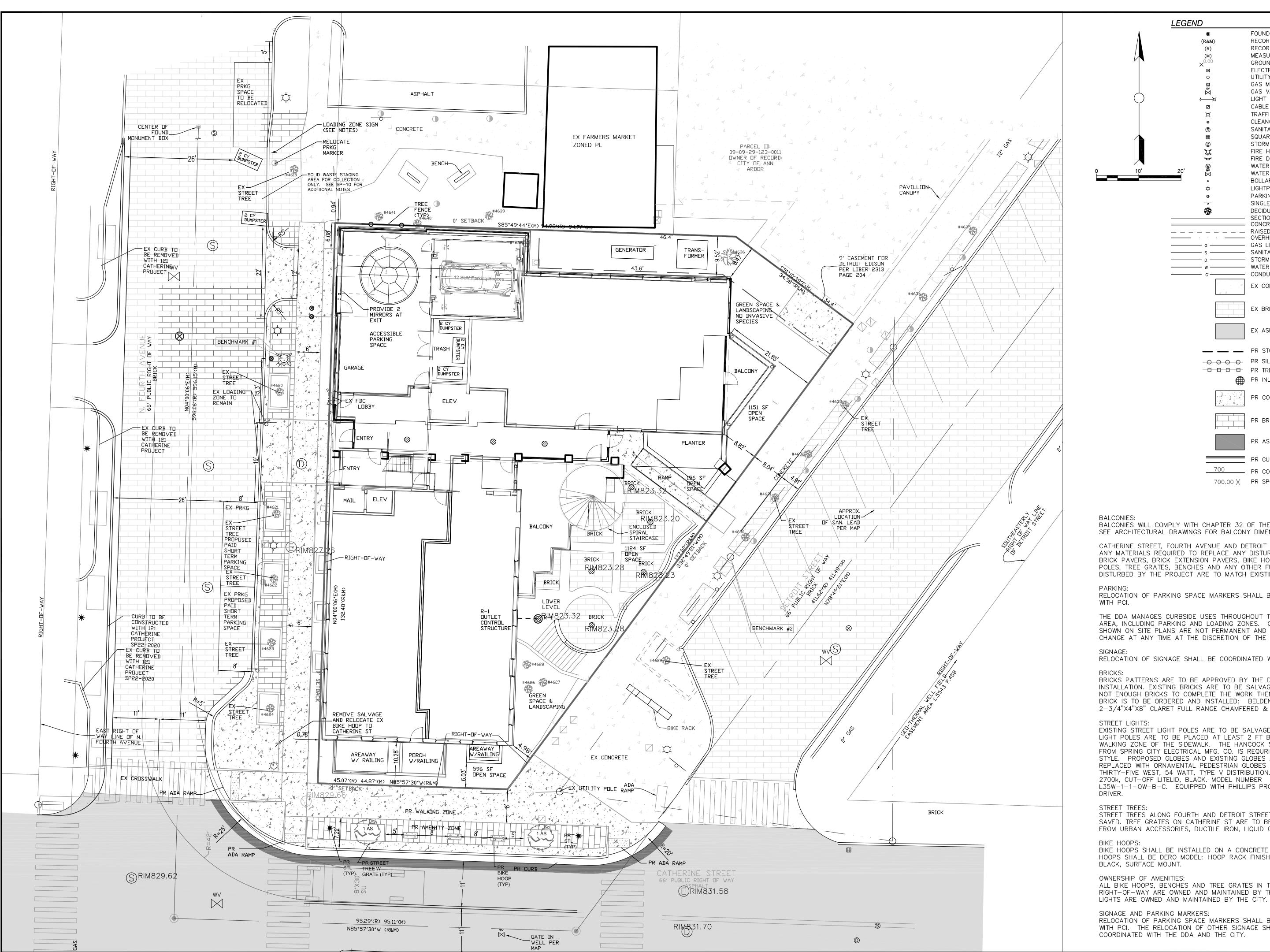
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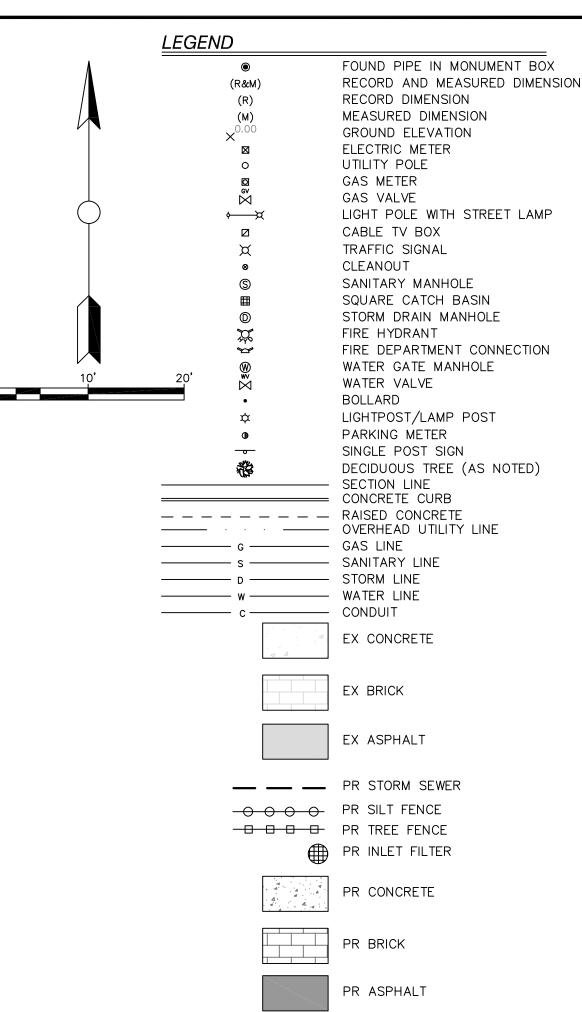
DEMO

5-5-25 4-5-25 2-17-25 10-29-24 10-16-24 10-3-24

SP-04

1"=10'





BALCONIES WILL COMPLY WITH CHAPTER 32 OF THE BUILDING CODE. SEE ARCHITECTURAL DRAWINGS FOR BALCONY DIMENSIONS.

______ PR CONTOUR LINE 700.00 X PR SPOT GRADE

CATHERINE STREET, FOURTH AVENUE AND DETROIT STREET: ANY MATERIALS REQUIRED TO REPLACE ANY DISTURBED PAVEMENT, BRICK PAVERS, BRICK EXTENSION PAVERS, BIKE HOOPS, LIGHT POLES, TREE GRATES, BENCHES AND ANY OTHER FURNISHINGS DISTURBED BY THE PROJECT ARE TO MATCH EXISTING MATERIALS.

RELOCATION OF PARKING SPACE MARKERS SHALL BE COORDINATED

THE DDA MANAGES CURBSIDE USES THROUGHOUT THE DDA PARKING AREA, INCLUDING PARKING AND LOADING ZONES. CURBSIDE USES SHOWN ON SITE PLANS ARE NOT PERMANENT AND ARE SUBJECT TO CHANGE AT ANY TIME AT THE DISCRETION OF THE DDA.

RELOCATION OF SIGNAGE SHALL BE COORDINATED WITH DDA.

BRICKS PATTERNS ARE TO BE APPROVED BY THE DDA PRIOR TO INSTALLATION. EXISTING BRICKS ARE TO BE SALVAGED. IF THERE ARE NOT ENOUGH BRICKS TO COMPLETE THE WORK THEN THE FOLLOWING BRICK IS TO BE ORDERED AND INSTALLED: BELDEN BRICK 2-3/4"X4"X8" CLARET FULL RANGE CHAMFERED & LUGGED PAVER.

EXISTING STREET LIGHT POLES ARE TO BE SALVAGED AND REUSED. LIGHT POLES ARE TO BE PLACED AT LEAST 2 FT BACK FROM THE WALKING ZONE OF THE SIDEWALK. THE HANCOCK STYLE LAMP POST FROM SPRING CITY ELECTRICAL MFG. CO. IS REQURIED, SINGLE GLOBE STYLE. PROPOSED GLOBES AND EXISTING GLOBES ARE TO BE REPLACED WITH ORNAMENTAL PEDESTRIAN GLOBES LIGHTS LUMECON THIRTY-FIVE WEST, 54 WATT, TYPE V DISTRIBUTION. 120v-277v, 2700k, CUT-OFF LITELID, BLACK. MODEL NUMBER L35W-1-1-OW-B-C. EQUIPPED WITH PHILLIPS PROGRAMMABLE

STREET TREES ALONG FOURTH AND DETROIT STREETS ARE TO BE SAVED. TREE GRATES ON CATHERINE ST ARE TO BE KIVA STYLE FROM URBAN ACCESSORIES, DUCTILE IRON, LIQUID COAT IN BLACK,

BIKE HOOPS SHALL BE INSTALLED ON A CONCRETE PAD. BIKE HOOPS SHALL BE DERO MODEL: HOOP RACK FINISH: POWDER COAT

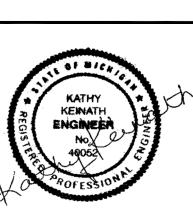
OWNERSHIP OF AMENITIES: ALL BIKE HOOPS, BENCHES AND TREE GRATES IN THE PUBLIC RIGHT-OF-WAY ARE OWNED AND MAINTAINED BY THE DDA. STREET

SIGNAGE AND PARKING MARKERS: RELOCATION OF PARKING SPACE MARKERS SHALL BE COORDINATED WITH PCI. THE RELOCATION OF OTHER SIGNAGE SHALL BE

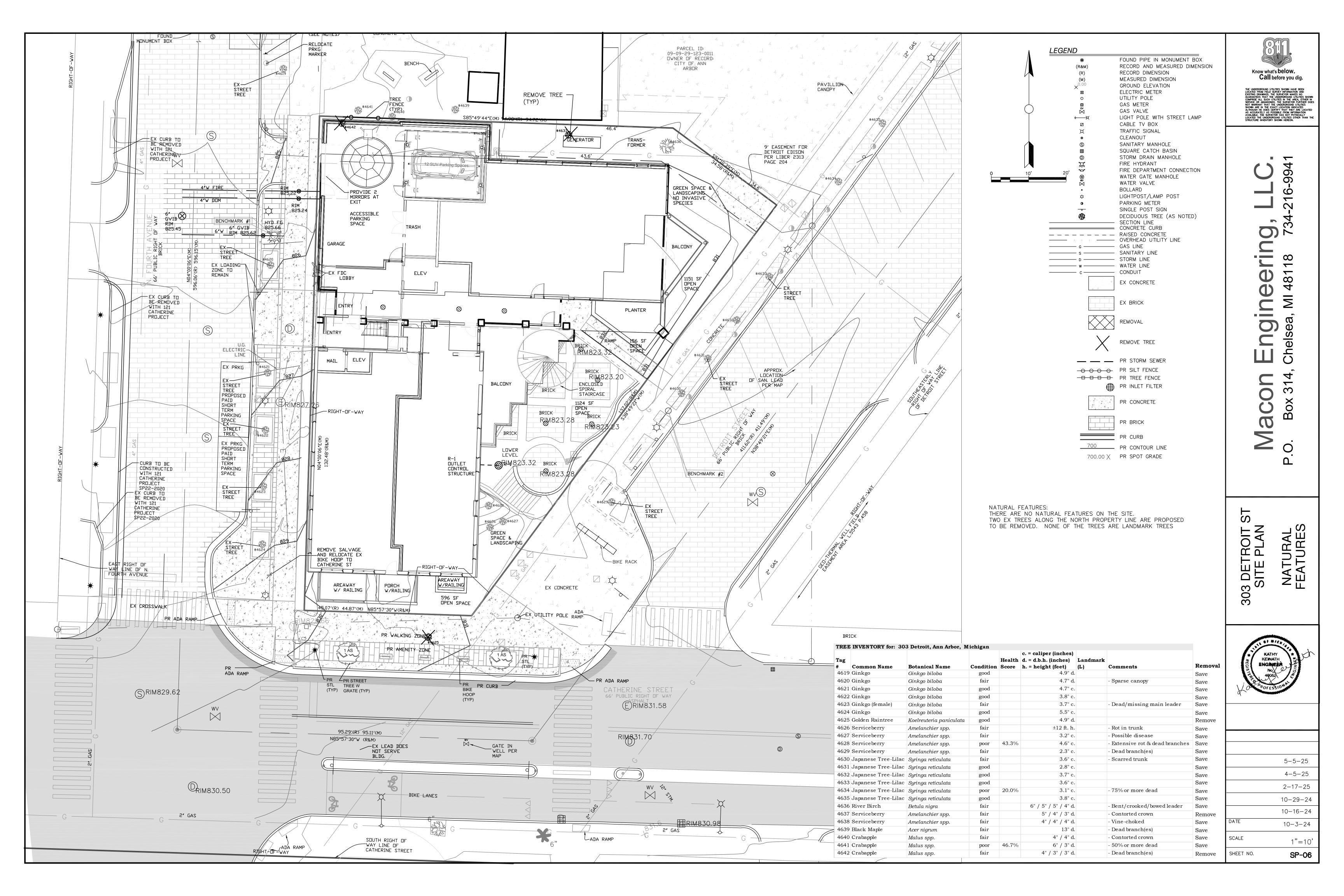
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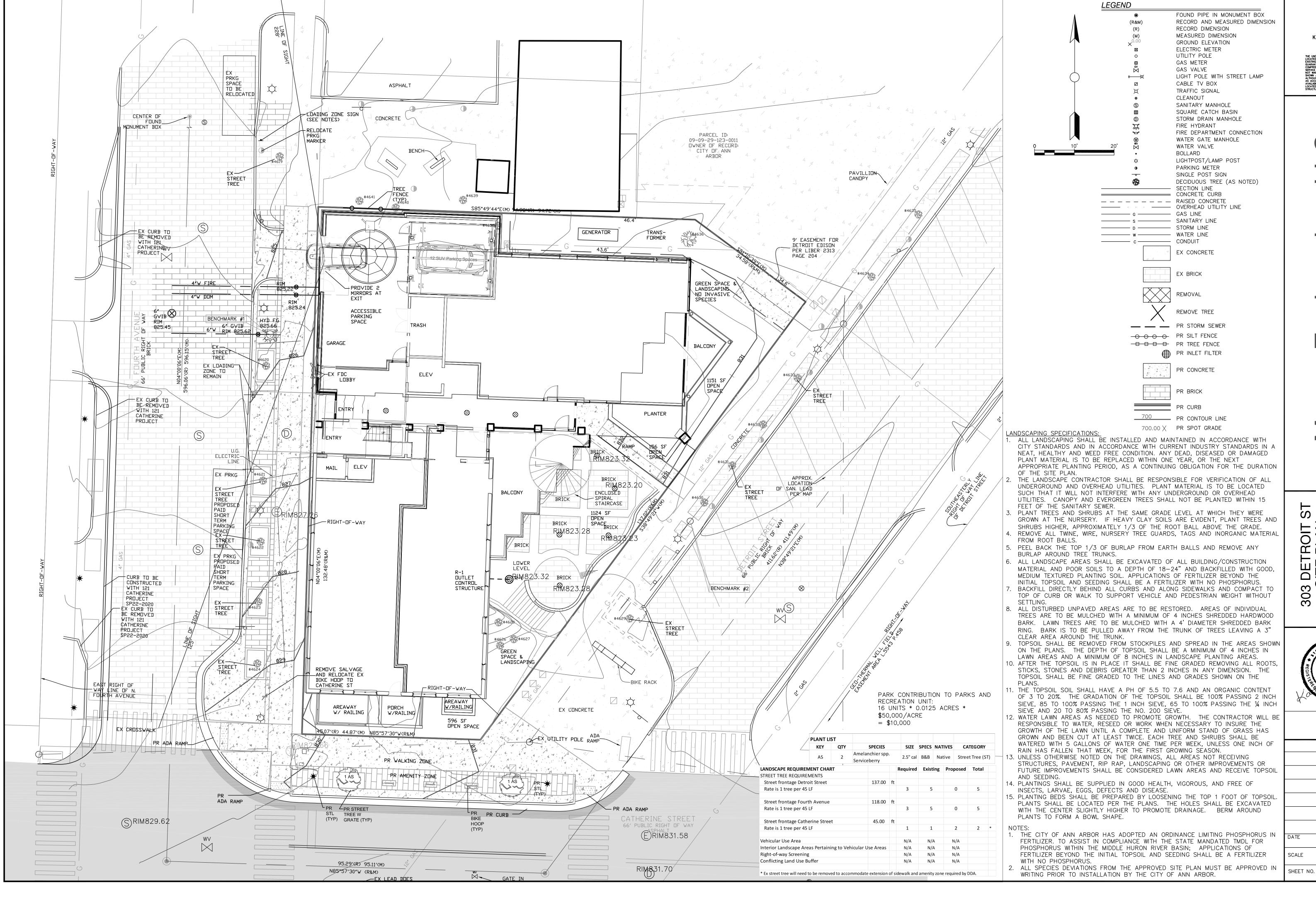
Call before you dig.

ROIT PLAN 3 DET SITE



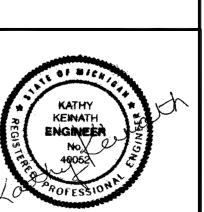
5-5-25 4-5-25 3-27-25 2-17-25 1-21-25 1-8-25 10-29-24 10-16-24 10-3-24 1"=10' SHEET NO. SP-05





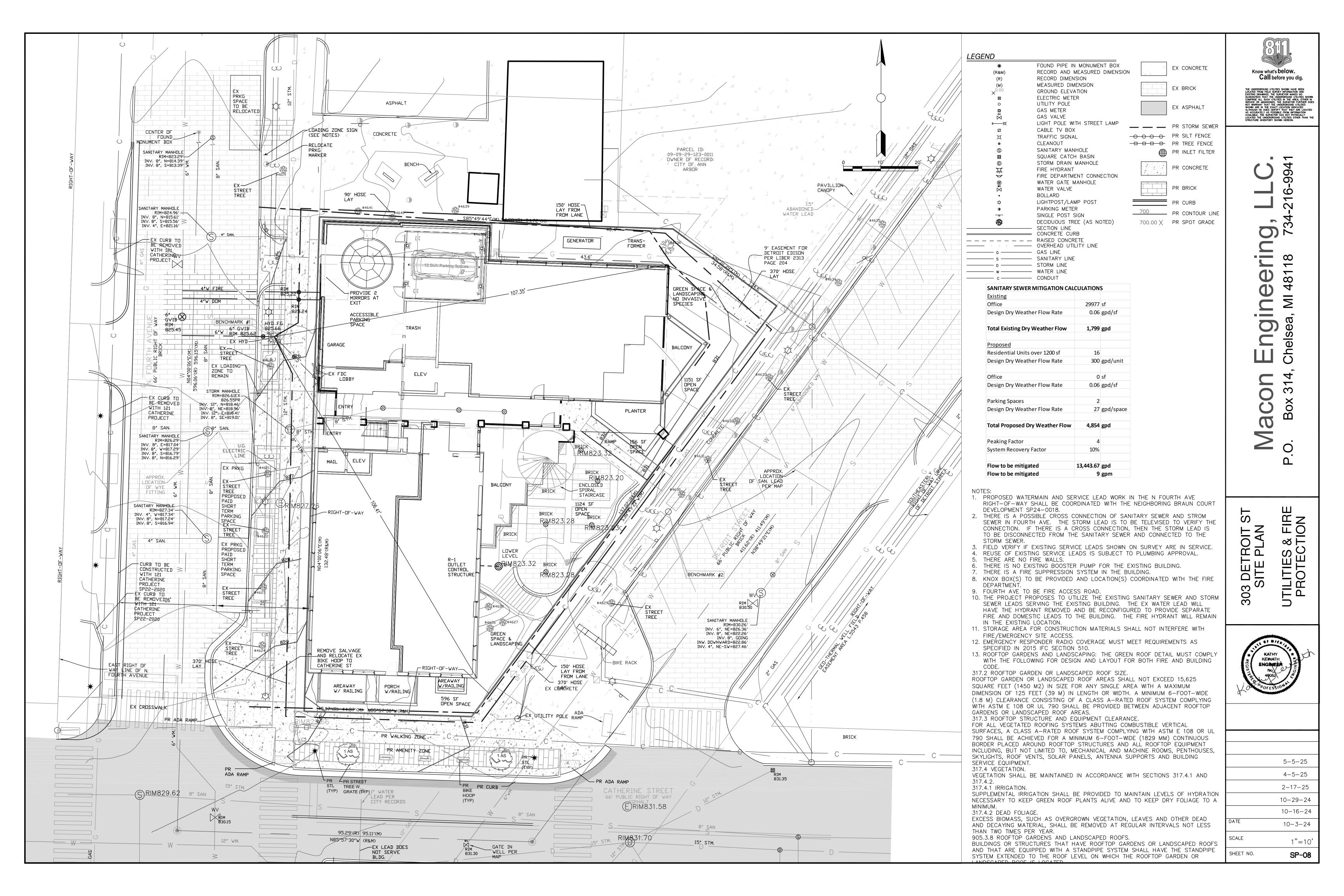


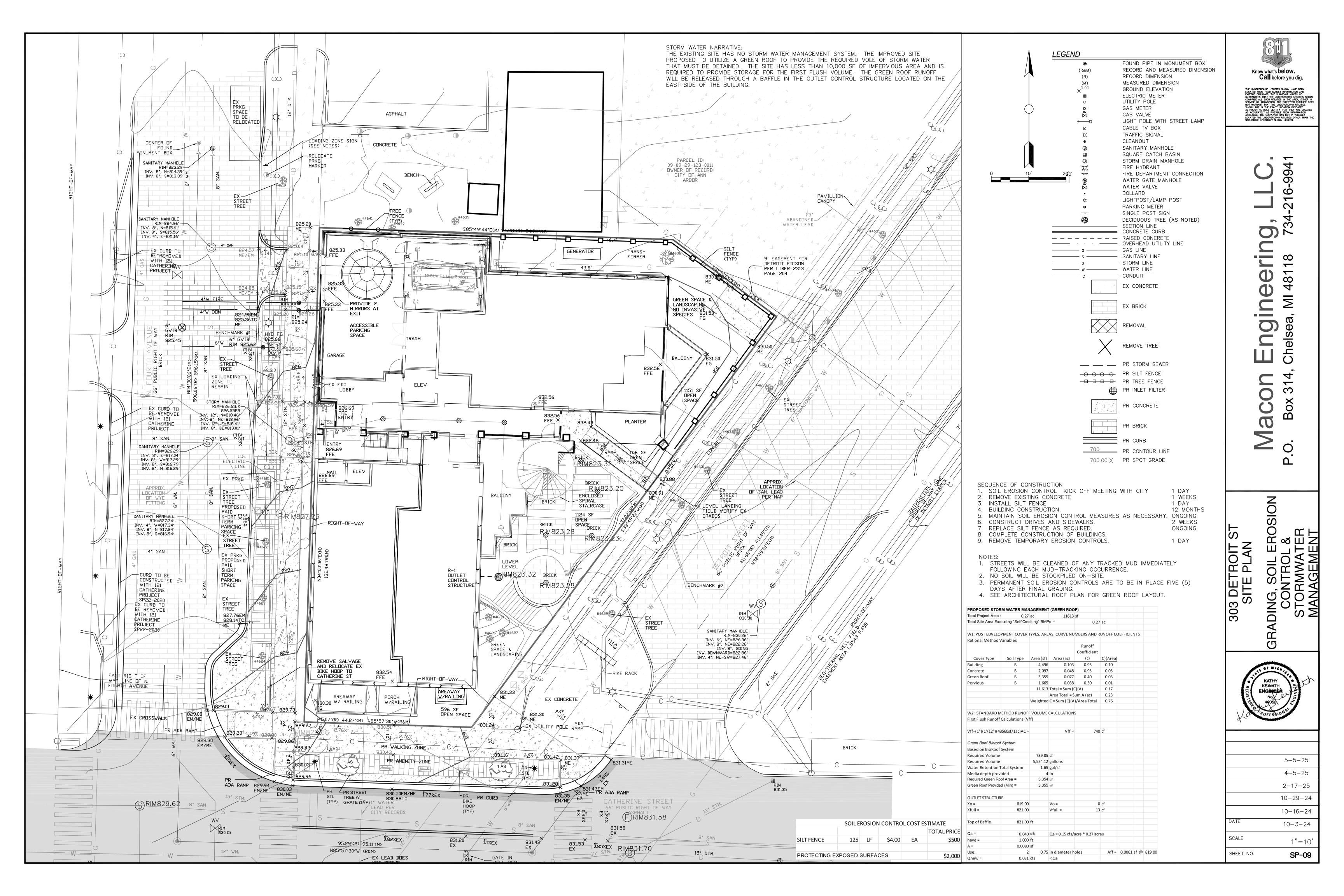
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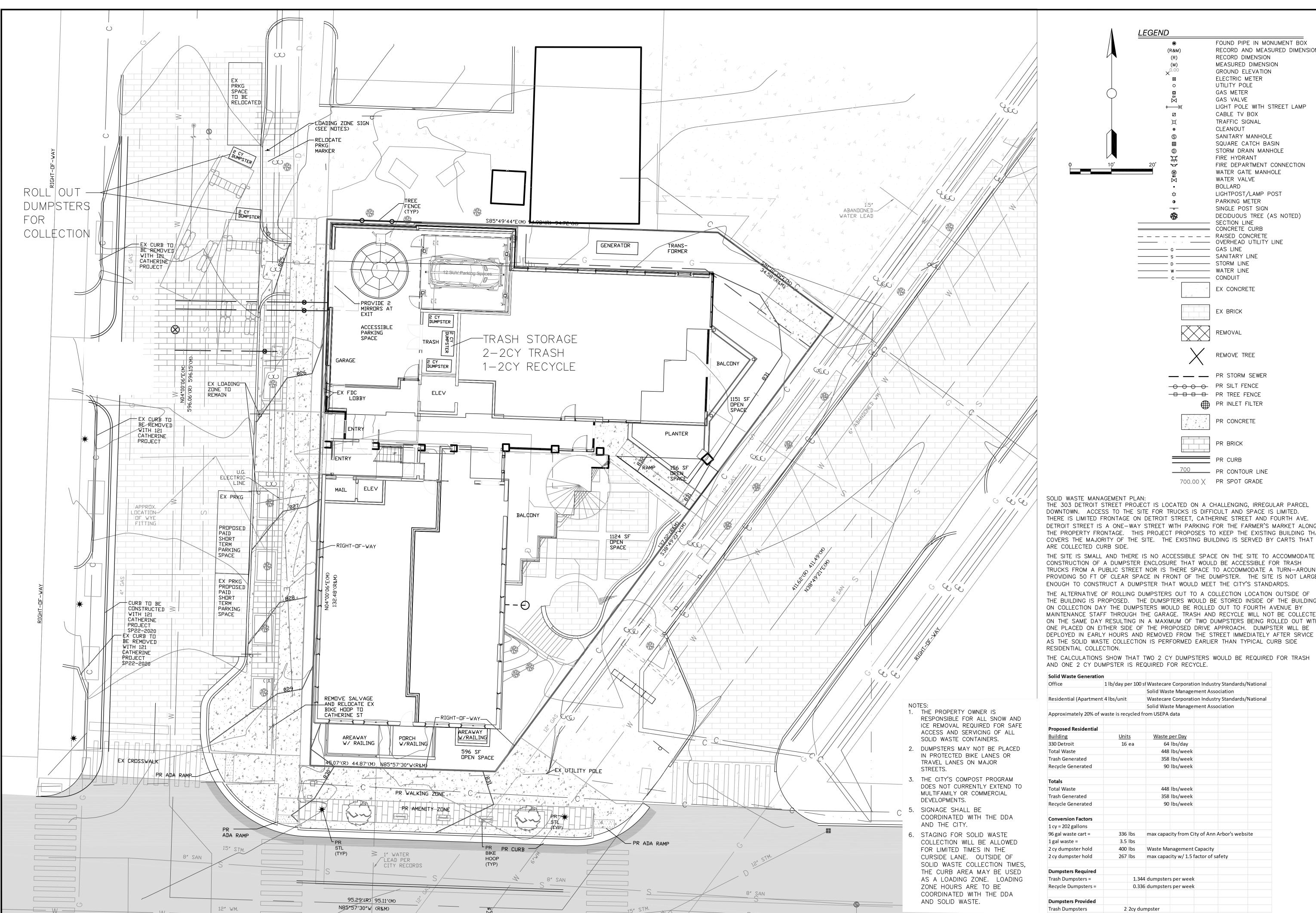


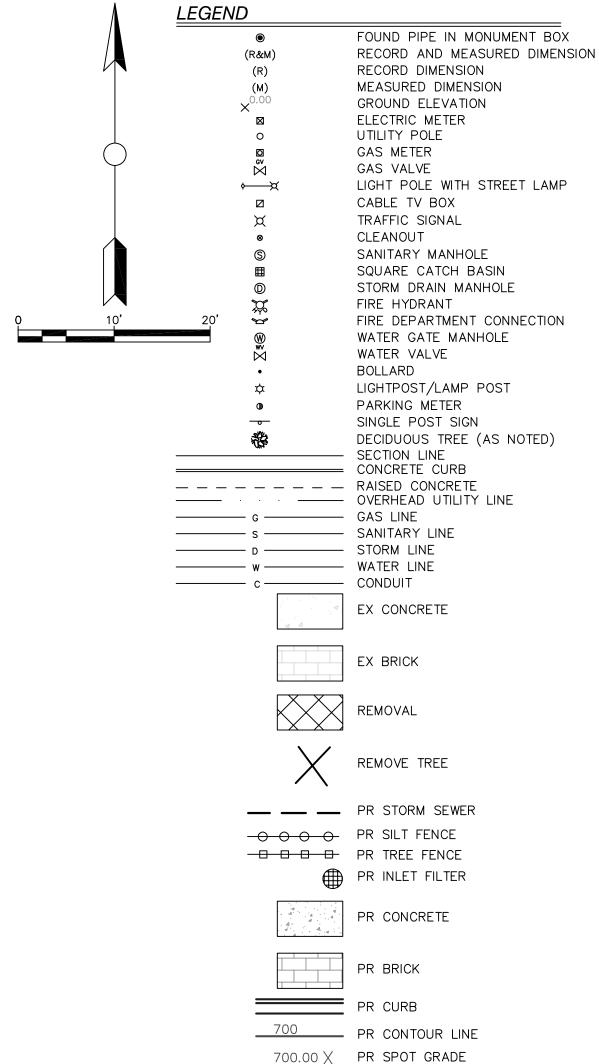
	5-5-25
	4-5-25
	2-17-25
	10-29-24
	10-16-24
	10-3-24
E	1"=10'

SP-07









SOLID WASTE MANAGEMENT PLAN: THE 303 DETROIT STREET PROJECT IS LOCATED ON A CHALLENGING, IRREGULAR PARCEL DOWNTOWN. ACCESS TO THE SITE FOR TRUCKS IS DIFFICULT AND SPACE IS LIMITED. THERE IS LIMITED FRONTAGE ON DETROIT STREET, CATHERINE STREET AND FOURTH AVE. DETROIT STREET IS A ONE-WAY STREET WITH PARKING FOR THE FARMER'S MARKET ALONG THE PROPERTY FRONTAGE. THIS PROJECT PROPOSES TO KEEP THE EXISTING BUILDING THAT COVERS THE MAJORITY OF THE SITE. THE EXISTING BUILDING IS SERVED BY CARTS THAT ARE COLLECTED CURB SIDE.

THE SITE IS SMALL AND THERE IS NO ACCESSIBLE SPACE ON THE SITE TO ACCOMMODATE CONSTRUCTION OF A DUMPSTER ENCLOSURE THAT WOULD BE ACCESSIBLE FOR TRASH TRUCKS FROM A PUBLIC STREET NOR IS THERE SPACE TO ACCOMMODATE A TURN-AROUND PROVIDING 50 FT OF CLEAR SPACE IN FRONT OF THE DUMPSTER. THE SITE IS NOT LARGE ENOUGH TO CONSTRUCT A DUMPSTER THAT WOULD MEET THE CITY'S STANDARDS. THE ALTERNATIVE OF ROLLING DUMPSTERS OUT TO A COLLECTION LOCATION OUTSIDE OF THE BUILDING IS PROPOSED. THE DUMSPTERS WOULD BE STORED INSIDE OF THE BUILDING. ON COLLECTION DAY THE DUMPSTERS WOULD BE ROLLED OUT TO FOURTH AVENUE BY MAINTENANCE STAFF THROUGH THE GARAGE. TRASH AND RECYCLE WILL NOT BE COLLECTED ON THE SAME DAY RESULTING IN A MAXIMUM OF TWO DUMPSTERS BEING ROLLED OUT WITH ONE PLACED ON EITHER SIDE OF THE PROPOSED DRIVE APPROACH. DUMPSTER WILL BE

RESIDENTIAL COLLECTION. THE CALCULATIONS SHOW THAT TWO 2 CY DUMPSTERS WOULD BE REQUIRED FOR TRASH

Solid Waste Generation	1						
Office	1 lb/day p	er 100 sf	Wastecare	e Corporati	on Indust	ry Standard	ls/National
			Solid Was	te Manage	ment Asso	ociation	
Residential (Apartment	4 lbs/unit		Wastecare	Corporati	on Indust	ry Standard	ls/National
			Solid Was	te Manage	ment Asso	ociation	
Approximately 20% of w	vaste is rec	ycled fro	om USEPA	data			
Proposed Residential							
Building	<u>Uni</u>	<u>ts</u>		per Day			
330 Detroit	16	ea		lbs/day			
Total Waste			448	lbs/week			
Trash Generated			358	lbs/week			
Recycle Generated			90	lbs/week			
Totals							
Total Waste			448	lbs/week			
Trash Generated			358	lbs/week			
Recycle Generated			90	lbs/week			
Conversion Factors							
1 cy = 202 gallons							
96 gal waste cart =	336	lbs	max capac	ity from C	ty of Ann	Arbor's we	bsite
1 gal waste =	3.5	lbs					
2 cy dumpster hold	400	lbs	Waste Ma	nagement	Capacity		
2 cy dumpster hold	267	lbs	max capac	ity w/ 1.5	factor of s	afety	
Dumpsters Required							
Trash Dumpsters =		1.344	dumpster	s per week			
Recycle Dumpsters =		0.336	dumpster	s per week			
Dumpsters Provided							
Trash Dumpsters	2	2cy dun	npster				

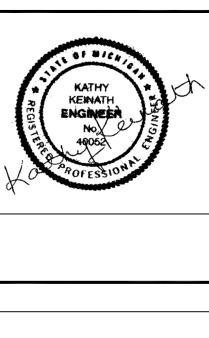
1 2 cy recycle dumpsters

Recycle Dumpster



0

PLAN WAST $\tilde{\omega}$



SHEET NO.	SP-10
SCALE	1"=10'
DATE	10-3-24
	10-16-24
	10-29-24
	2-17-25
	4-5-25
	5-5-25

Bio-RootStop, root barrier

Typical roof system assembly

(May not be required)

Typical roof drain

<u>TIMING</u>

MARCH

APRIL

REFER TO "DDA PAVER

SECTIONS 1-5" DETAILS

12"-24" CONCRETE

- 3/4" EXPANSION JOINT

CURB & GUTTER

WEEP HOLE 2" BEHIND

CONCRETE HEADER PER SD-DDA-4

DDA SIDEWALK CROSS SECTION

 DR. ENG
 CH. ENG
 DRAWING NO.

 SCALE N.T.S.
 DATE 12/8/2023
 SD-DDA-1

APRIL - OCTOBER

ANNUAL

ANNUAL

MONTHLY

2/MONTH

MONTHLY

\$250

\$1,000

\$250

\$500

\$100

\$250

\$100

\$500

AS NEEDED

2/MONTH

XO

3 DETROIT STREE ANN ARBOR, MI SITE | DET,

303

5-5-25 4-5-25 2-17-25 10-29-24 10-16-24 10-3-24 SCALE N.T.S.

SP-11

SHEET NO.

Bio-Chamber with lockable lid centered over roof drain $(375 \text{ mm } \times 375 \text{ mm } \times 152 \text{ mm}),$ Vegetation Options: -

BIO-SYSTEM DETAIL

GREEN ROOF MAINTENANCE SCHEDULE

PERFORM SOIL TEST

INSPECT DRAINS

PERFORM SOIL TEST

INSPECT DRAINS

PEST CONTROL

REMOVE DEBRIS

RECORD KEEPING

MAINTAIN VEGETATION

RIGHT-OF-WAYLINE

COMMUNICATIONS OR ELECTRICAL CONDUIT -

LOCATE OUTSIDE AMENITY

WALKWAY ZONE WIDTH VARIES, 6'-0" MIN.

3,4" SEALED EXPANSION

REPAIR DISPLACED SOIL

PEST CONTROL

CHECK FOR DISPLACED SOIL

WEED

WEED FERTILIZE

FERTILIZE*

IRRIGATION

ALL DRAWINGS ARE THE PROPERTY OF BIOROOF SYSTEMS COPYRIGHT 2021

*APPLICATIONS OF FERTILIZER SHALL BE A FERTILIZER WITH NO PHOSPHORUS.

LONG TERM STORM WATER MAINTENANCE PLAN BUDGET

THE PROPERTY OWNERS WILL BE RESPONSIBLE FOR LONG TERM

REFER TO "DDA

CONTRACTION JOINT

AT 6' FROM ROW IF

AMENITY ZONE

WIDTH VARIES

1/2" EXPANSION JOINT

WALKWAY ZONE EXCEEDS 6'

CONCRETE SIDEWALK"

MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM.

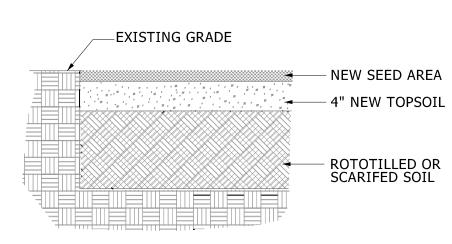
1. REFER TO SITE PLAN FOR PROJECT SPECIFIC TYPES & LIMITS OF SURFACE MATERIALS.

CITY OF ANN ARBOR PUBLIC SERVICES 301 EAST HURON STREET P.O. BOX 8647 ANN ARBOR, MI 48107-8647

www.a2gov.org

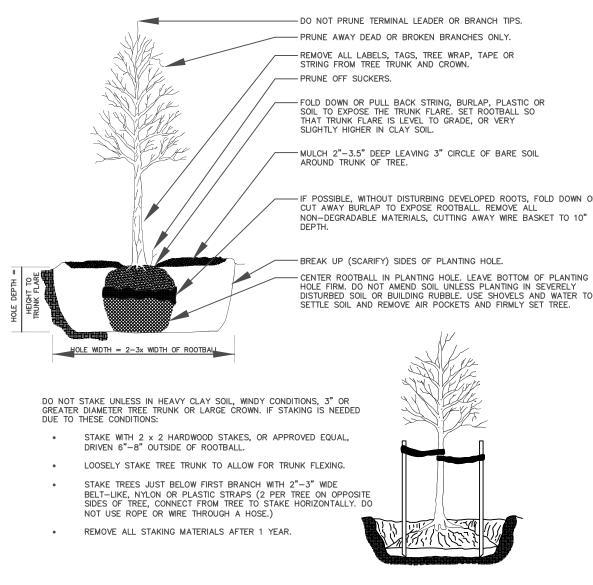
Bio-Filter Fabric to wrap up over top edge of Bio—Chamber and sealed with Bio-Tape F2 to inside Standard and custom sedum Bio-Mix Euro-Blend 2", 3", or 4" (50 mm, 75 mm, or 100 mm) Bio-Filter Fabric secured to drainage layer with Bio-Tape S2

Bio-Void FF50 [or Bio−Retention Panel 0.40]≯⊲ 0.40" depth (10 mm)

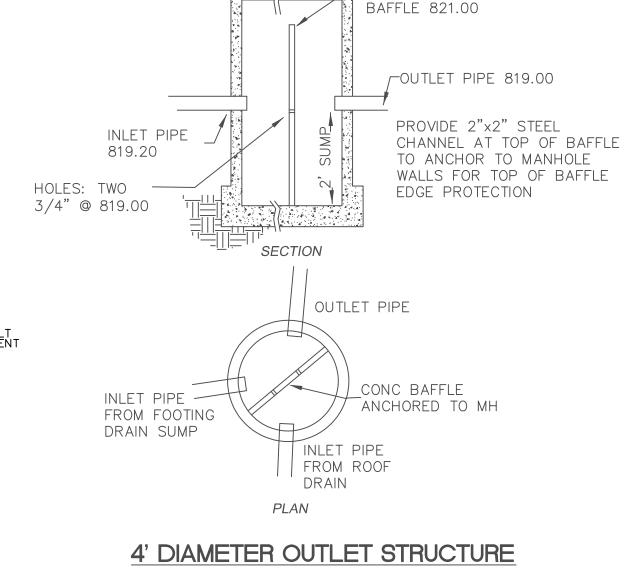


NEW SEEDED AREA

EROSION CONTROL BLANKETS SHALL BE PLACED ON ALL NEWLY SEEDED AREAS WITH SLOPES OF 1V TO 3H OR STEEPER. THE BLANKETS SHALL BE HIGH VELOCITY EXCELSIOR MULCH BLANKETS OR HIGH VELOCITY STRAW MULCH BLANKETS. NET ANCHORS SHALLBE PLACED AT MINIMUM INTERVALS OF 30 INCHES ALONG ALL JOINTS UNLESS MANUFACTURER'S RECOMMENDATIONS REQUIRE CLOSER SPACING



-BAFFLE PER SHOP DRAWING



TREE PROTECTION DETAIL

SILT FENCE JOINT

STANDARD 48" HEIGHT

STANDARD

CHAIN LINK FENCE WITH

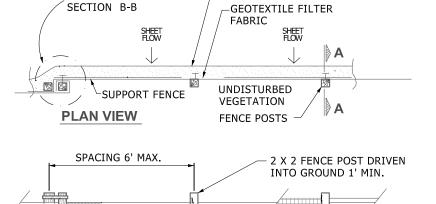
METAL POST

ELEVATION

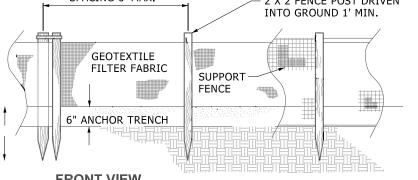
4 FT FENCE SHALL BE

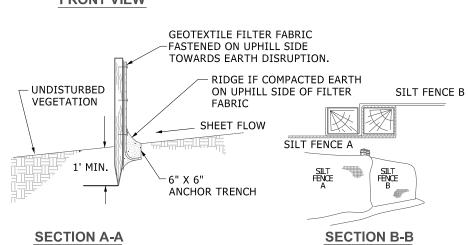
CRITICAL ROOT ZONE OR CLOSER AS SHOWN ON THE APPROVED SITE

PLACED AT THE OUTER PERIMETER OF THE

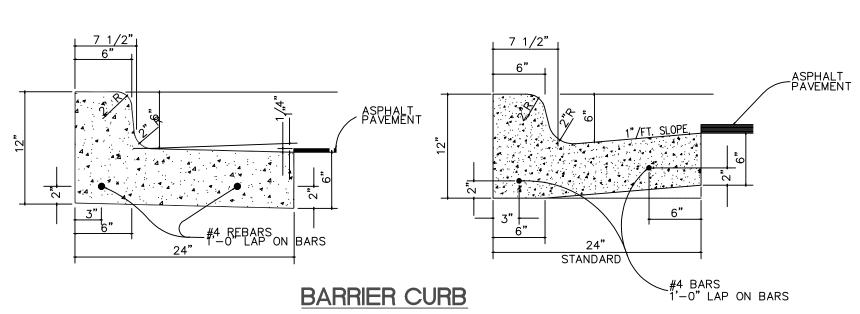


— COMPACTED EARTH





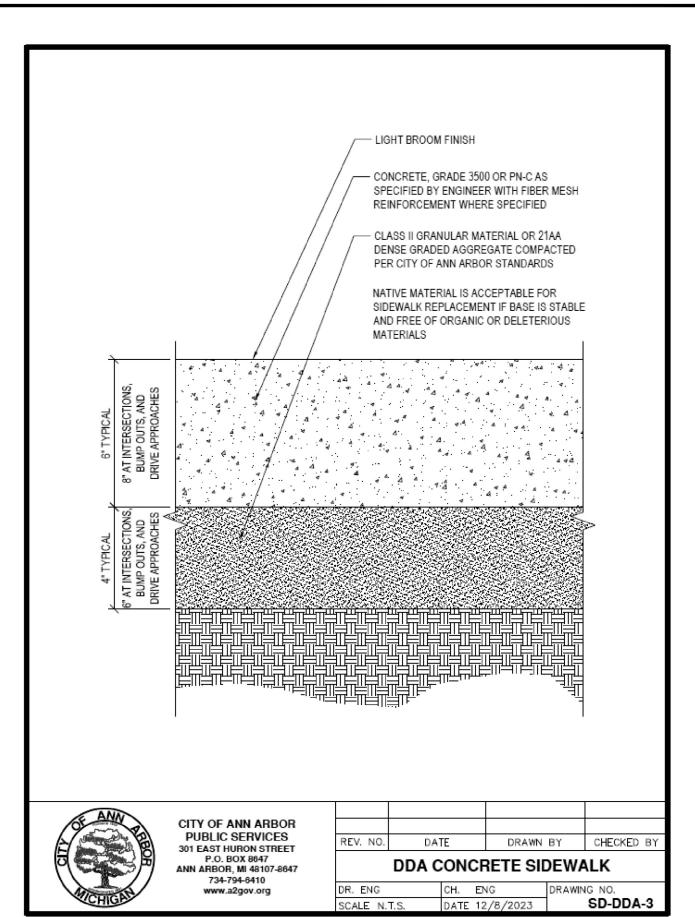
SILT FENCE DETAIL

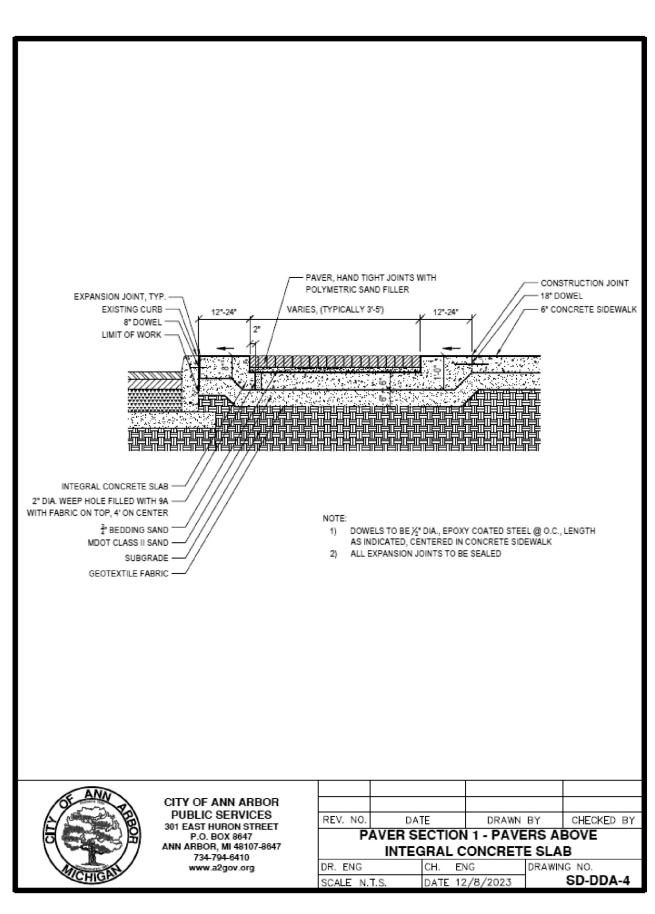


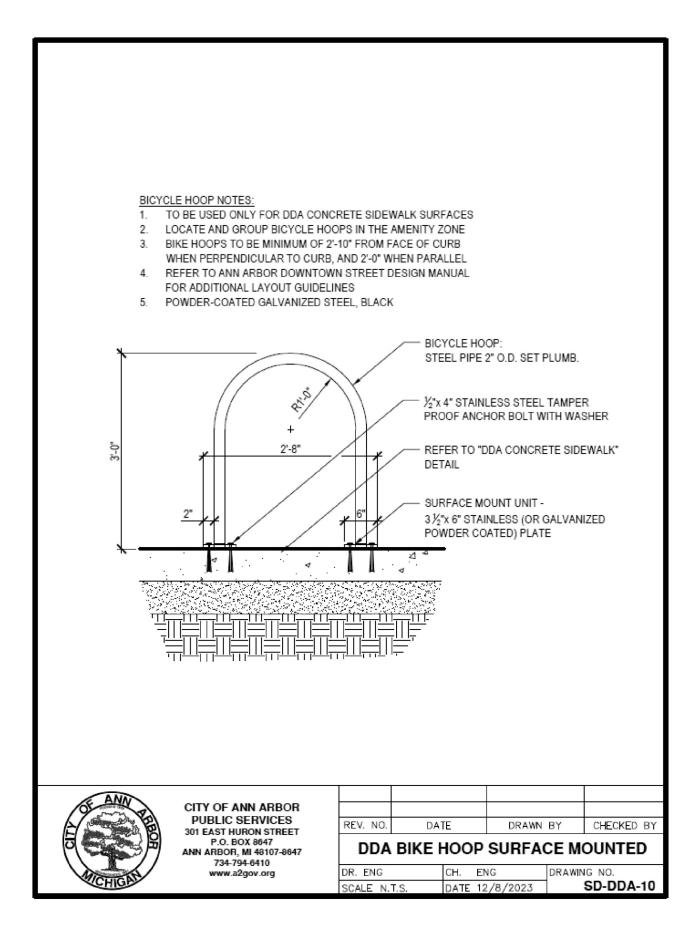


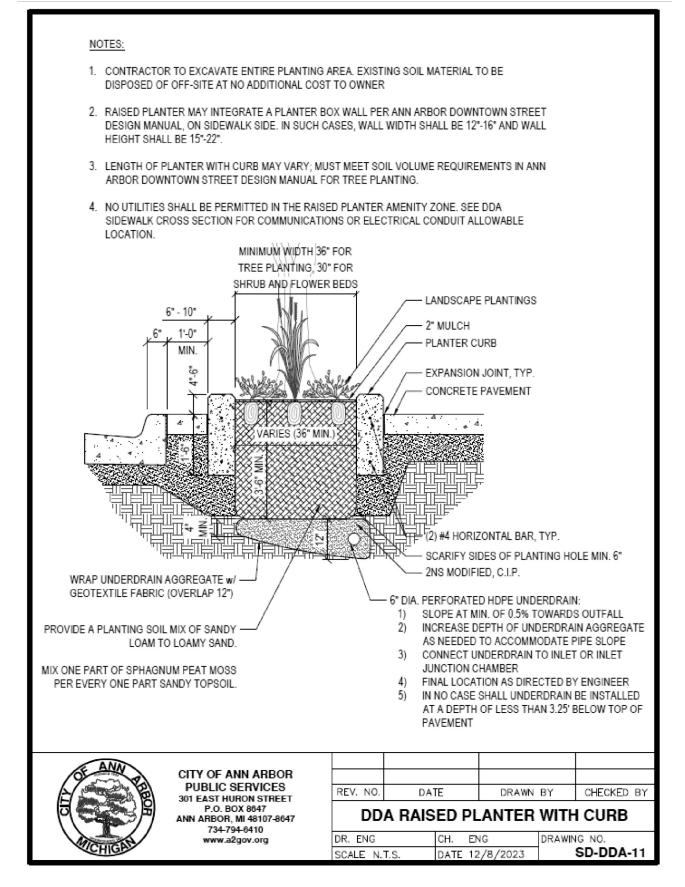
TREE PLANTING

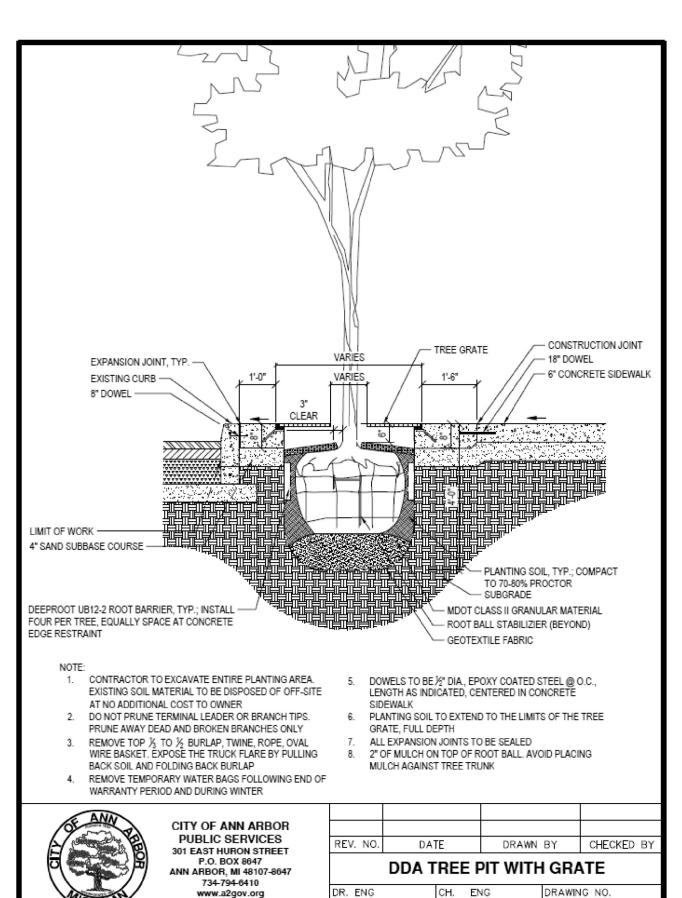
NOT FOR CONSTRUCTION





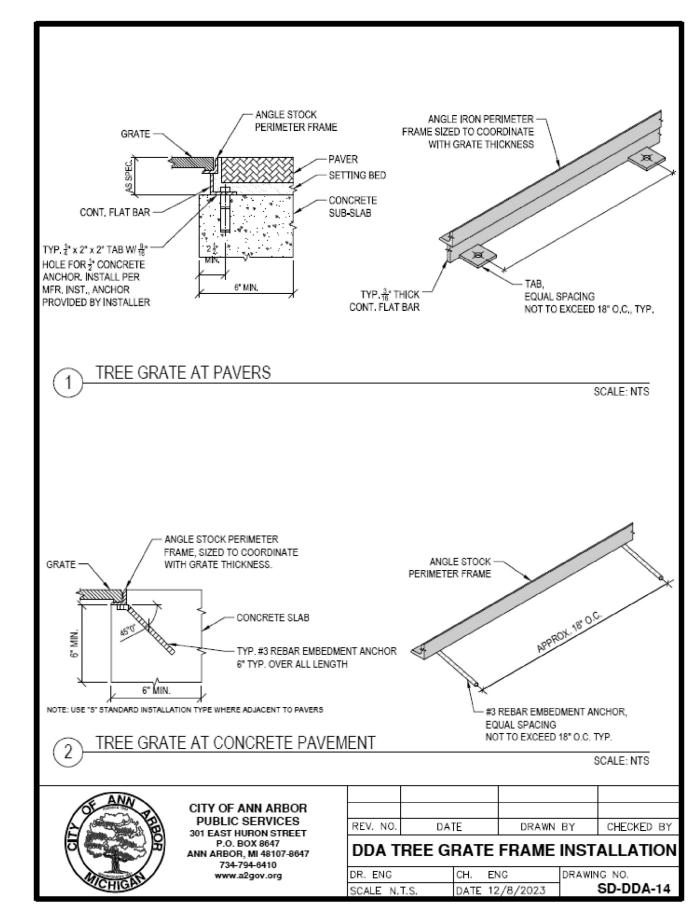


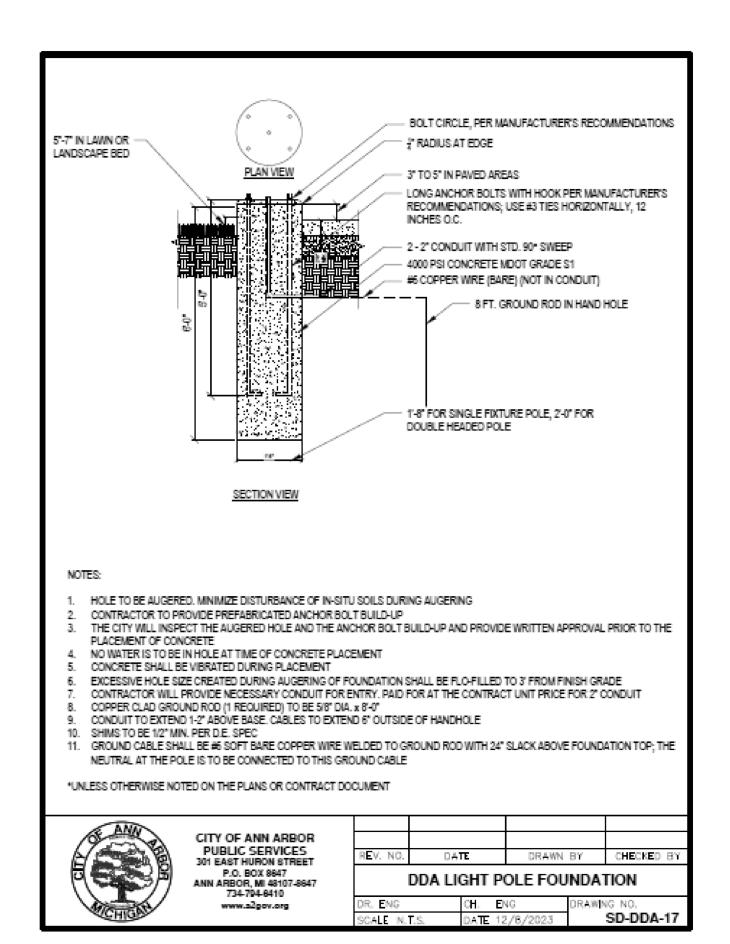


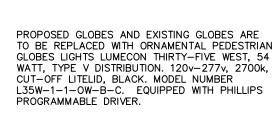


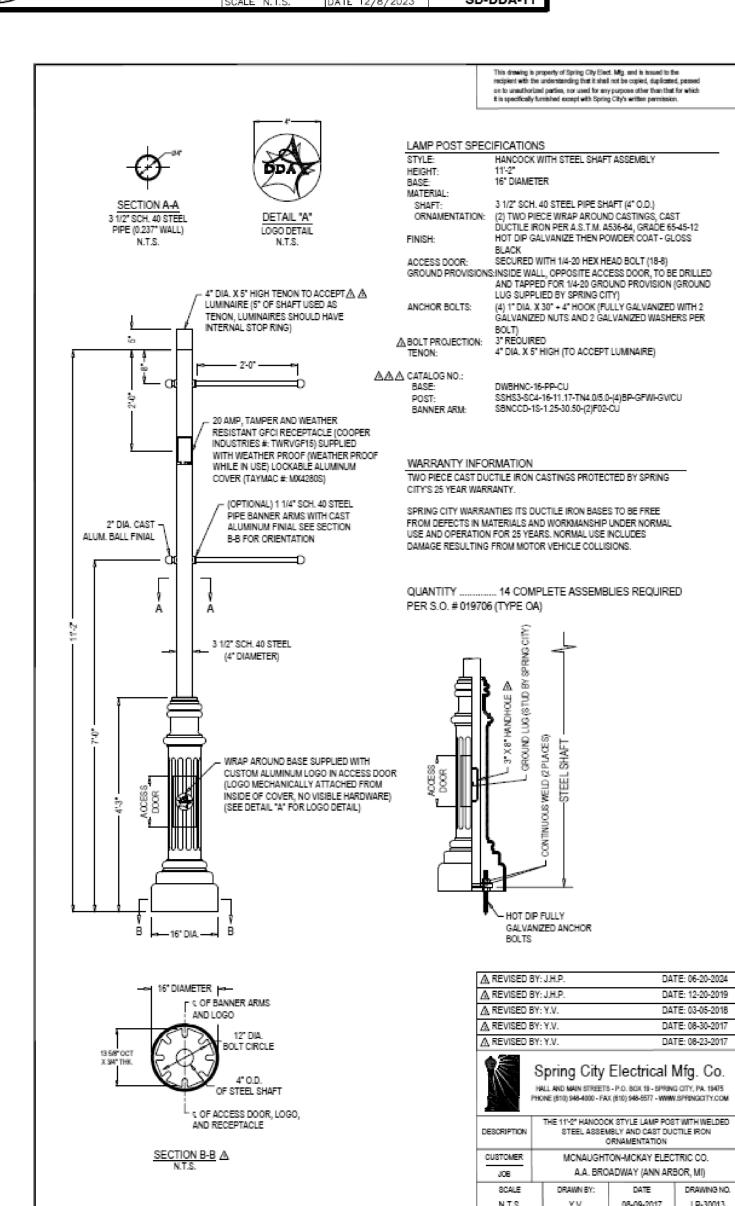
SCALE N.T.S. DATE 12/8/2023 SD-DDA-12

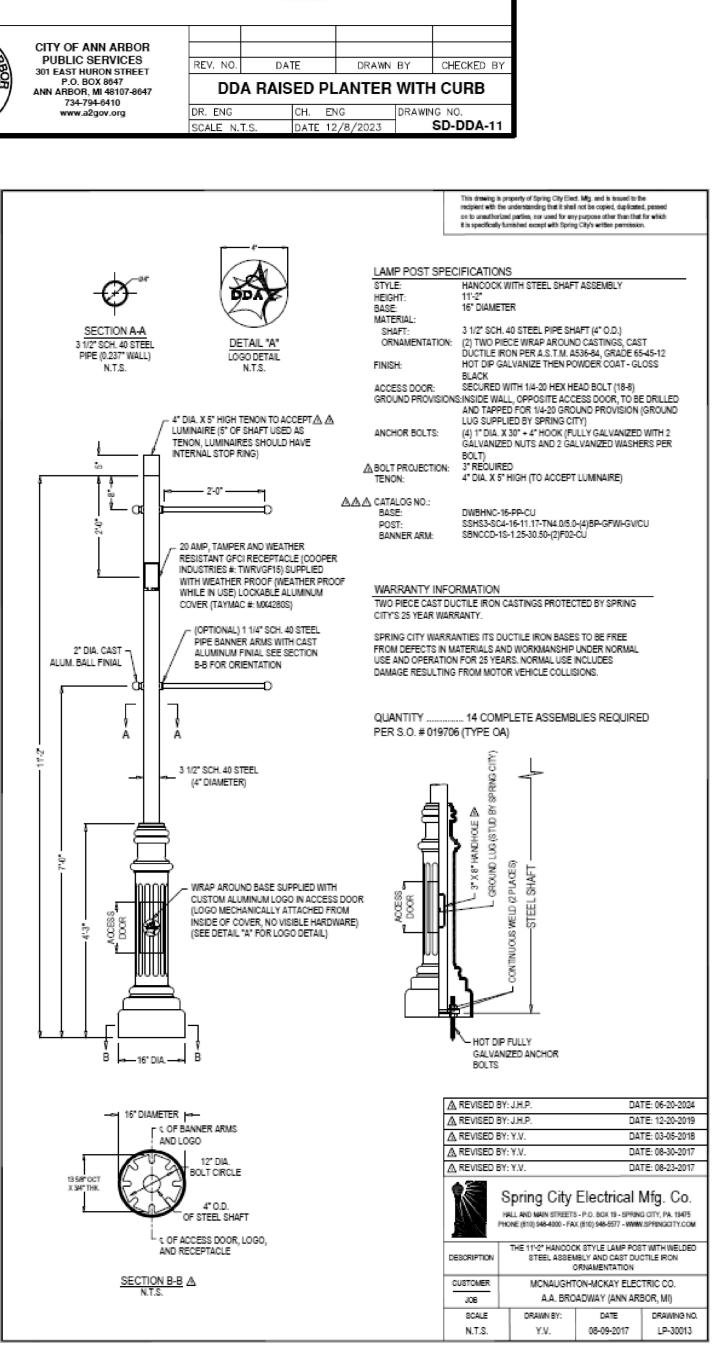
www.a2gov.org

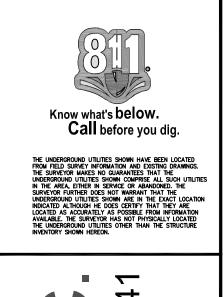












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LAN

ROIT ST ARBOR, 3 DET ANN S O 03

3

5-5-25 4-5-25 SCALE N.T.S. SHEET NO. SP-12 +0.3 +0.4 +0.5 +0.6 **2 3**.0

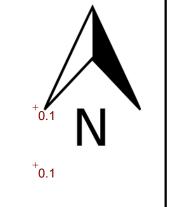
+0.6 +0.8 +1.3 +1.6 +1.6

+0.4 +0.5 +0.5

0.6

⁺1.5

⁺0.8 ⁺1.1



3 8 0.4 + 0.6 + 0.9 + 1.0 + 0.9 + 0.4 + 0.4

\(\frac{1}{1.8} \) \(\text{*1.3} \quad \text{*1.4} \quad \frac{1}{1.3} \quad \text{*1.0} \quad \text{*0.7} \quad \text{*0.6} \quad \text{*0.5} \quad \text{*0.4} \quad \text{*0.3} \quad \text{*0.7} \quad \text{*0.6} \quad \text{*0.7} \quad \text{*0.6} \quad \text{*0.7} \quad \text{*0.6} \quad \text{*0.7} \quad \text{*0.7} \quad \text{*0.6} \quad \text{*0.7} \quad \quad \text{*0.7} \quad \quad \text{*0.7} \quad \quad \text{*0.7} \quad \quad \text{*0.7} \quad

 ${}^{+}0.9$ ${}^{+}0.8$ ${}^{+}0.7$ ${}^{+}0.6$ ${}^{+}0.5$ ${}^{+}0.4$ ${}^{+}0.3$ ${}^{+}0.3$ ${}^{+}0.2$ ${}^{+}0.2$

+2,0 / +1.2 +0.8 +0.6 +0.5 +0.4 +0.3 +0.2 +0.2 +0.1

0.8 + 5.6 | 2.5 | +0.7 + 0.3 + 0.7 + 0.7 + 0.7 + 0.7 + 0.8 + 0.8 + 0.7 + 0.6 + 0.5 + 0.4 + 0.3 + 0.2

Plan View Scale - 1" = 10ft

 $\frac{1}{10.8}$ $\frac{1}{10.8}$ $\frac{1}{10.8}$ $\frac{1}{10.9}$ $\frac{1$

1.4 / 2.1

1.1 /1.3 +1.5 +1.5 +1.5 +0.9 +0.7 +0.6 +0.5 +0.4 +0.3 +0.3 +0.2 +0.2

 $2.2 \times 2.2 \times 1.1 \times 1.1$

 $^{+}1.9$ $^{+}2.3$ $^{+}2.3$ $^{/}$ $^{/}$ 1.8 $^{+}$ 1.1 $^{+}$ 0.8 $^{+}$ 0.6 $^{+}$ 0.4 $^{+}$ 0.3 $^{+}$ 0.3 $^{+}$ 0.2 $^{+}$ 0.2 $^{+}$ 0.1



EXTERIOR I GASSER E WWW.GA

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Drawing No.

#24-34539

Schedul	le							
Symbol	Label	QTY	Manufacturer	Catalog	Description	Lamp Output	LLF	Input Power
	A-1	2	VISUAL COMFORT GROUP	700OWBX	BOXIE LG FLUSH	905	0.9	25
	A-2	22	N/A	XY 15DB29-06	TR1264 Pitch 30W	916	0.9	23.5
	R-1	4	Gotham Architectural Lighting	EVO6 TUWH PROP/50 MD AR LD MVOLT NLT E10WCPR @5000K	EVO 6IN TUNABLE DOWNLIGHT, RHYTHM RANGE, 5000LM, MEDIUM DIST, CLEAR SPECULAR, CRI80, 5000K	5193	0.9	50.12
	E-1	5	LUMECON LLC	L35W-2-1-OW-B	DECORATIVE POST TOP	3921	0.9	54.1
0 0	E-1 2	3	LUMECON LLC	L35W-2-1-OW-B	DECORATIVE POST TOP	3921	0.9	108.2
	E-2	4	Hydrel	IGF4 P1 80CRI 30K MVOLT WWD	IGF4 P1 80CRI 3000K 120-277V WWD No Tilt No Internal Accessory	303	0.9	4.79
	F-1	2	Hydrel	8100 LED RGB MFL	12"L. X 10"W. X 5"H. LED LUMINAIRE	1883	0.9	96.55

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
F1 Balcony	+	2.6 fc	8.9 fc	0.1 fc	89.0:1	26.0:1
F2 Balcony	+	2.8 fc	12.9 fc	0.1 fc	129.0:1	28.0:1
F3 Balcony	+	2.2 fc	6.7 fc	0.1 fc	67.0:1	22.0:1
Lower Terrace	+	1.3 fc	7.6 fc	0.1 fc	76.0:1	13.0:1
Overall/Grade	+	1.2 fc	39.8 fc	0.0 fc	N/A	N/A
Exist Stair	+	51.4 fc	62.9 fc	28.5 fc	2.2:1	1.8:1

General Note

Statistics

- 1. SEE SCHEDULE FOR LUMINAIRE MOUNTING HEIGHT.
- 2. SEE LUMINAIRE SCHEDULE FOR LIGHT LOSS FACTOR.

3. CALCULATIONS ARE SHOWN IN FOOTCANDLES AT: GRADE OR OBJECTS SURFACE

THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING / FUTURE FIELD CONDITIONS. THIS LIGHTING LAYOUT REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS. MOUNTING HEIGHTS INDICATED ARE FROM GRADE AND/OR FLOOR UP.

THESE LIGHTING CALCULATIONS ARE NOT A SUBSTITUTE FOR INDEPENDENT ENGINEERING ANALYSIS OF LIGHTING SYSTEM SUITABILITY AND SAFETY. THE ENGINEER AND/OR ARCHITECT IS RESPONSIBLE TO REVIEW FOR MICHIGAN ENERGY CODE AND LIGHTING QUALITY COMPLIANCE.

UNLESS EXEMPT, PROJECT MUST COMPLY WITH LIGHTING CONTROLS REQUIRMENTS DEFINED IN ASHRAE 90.1 2013. FOR SPECIFIC INFORMATION CONTACT GBA CONTROLS GROUP AT CONTROLS@GASSERBUSH.COM OR 734-266-6705.

Alternates Note

THE USE OF FIXTURE ALTERNATES MUST BE RESUBMITTED TO THE CITY FOR APPROVAL.

Drawing Note

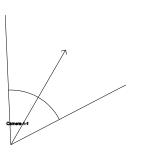
THIS DRAWING WAS GENERATED FROM AN ELECTRONIC IMAGE FOR ESTIMATION PURPOSE ONLY. LAYOUT TO BE VERIFIED IN FIELD BY OTHERS.

Ordering Note

FOR INQUIRIES CONTACT GASSER BUSH AT QUOTES@GASSERBUSH.COM OR 734-266-

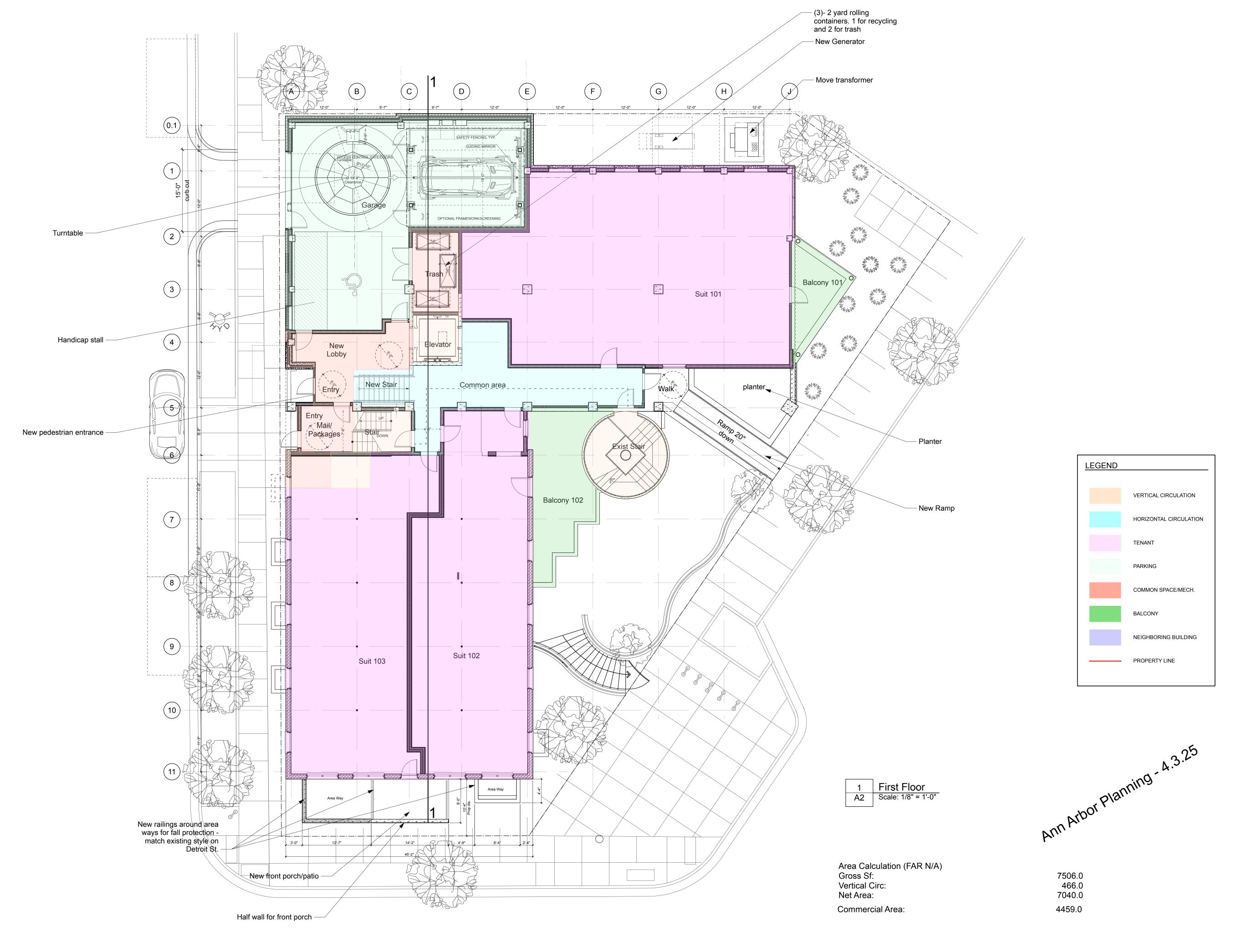
Mounting Height Note

MOUNTING HEIGHT IS MEASURED FROM GRADE TO FACE OF FIXTURE. POLE HEIGHT SHOULD BE CALCULATED AS THE MOUNTING HEIGHT LESS BASE



⁺1.2 ⁺0.8



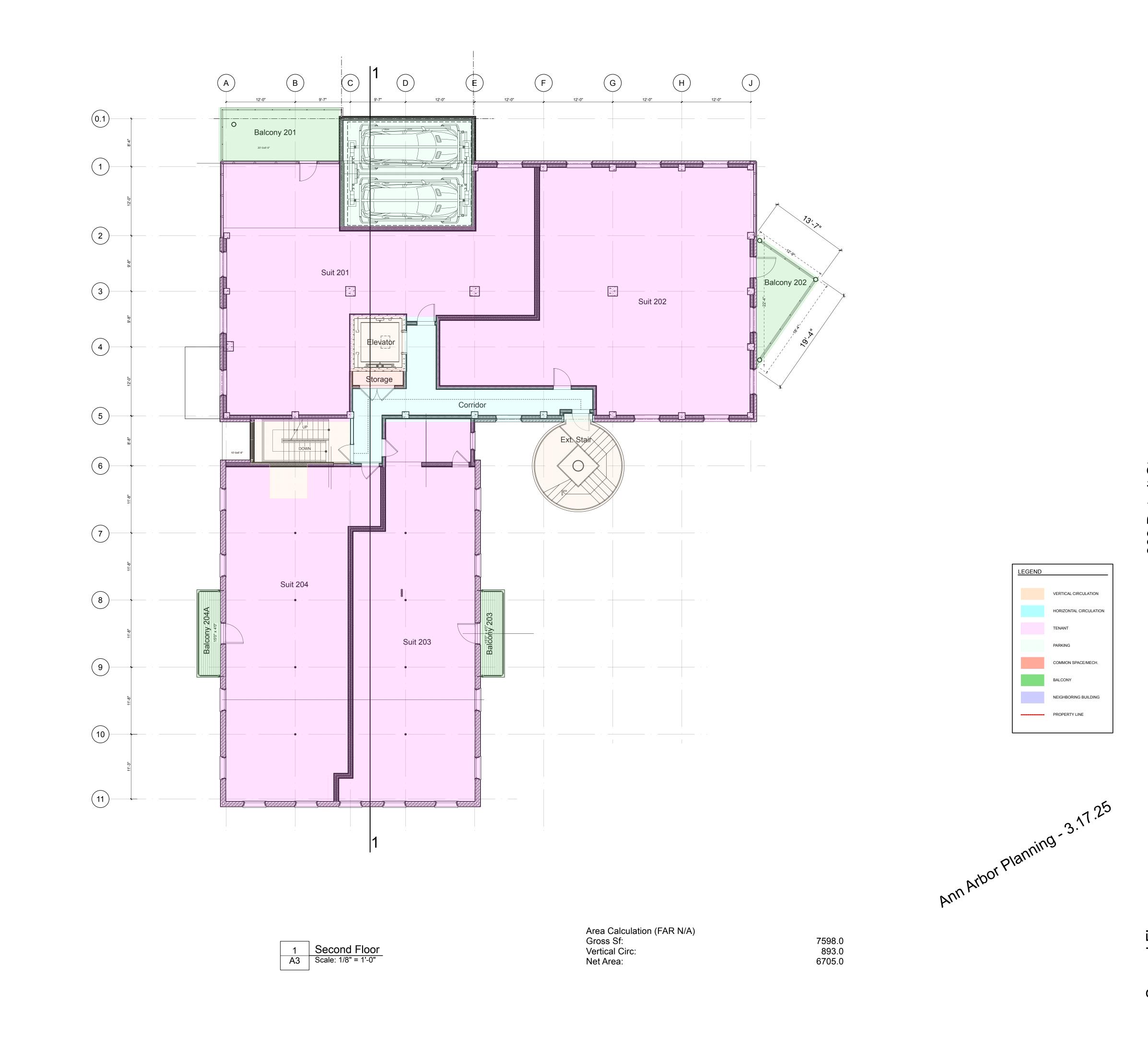


Rueter Associates Architects 515 Fifth Street Ann Arbor Michigan 48103 phone:734.769.0070 fax:734.769.0167

303 Street Rd., Ann Arbor M

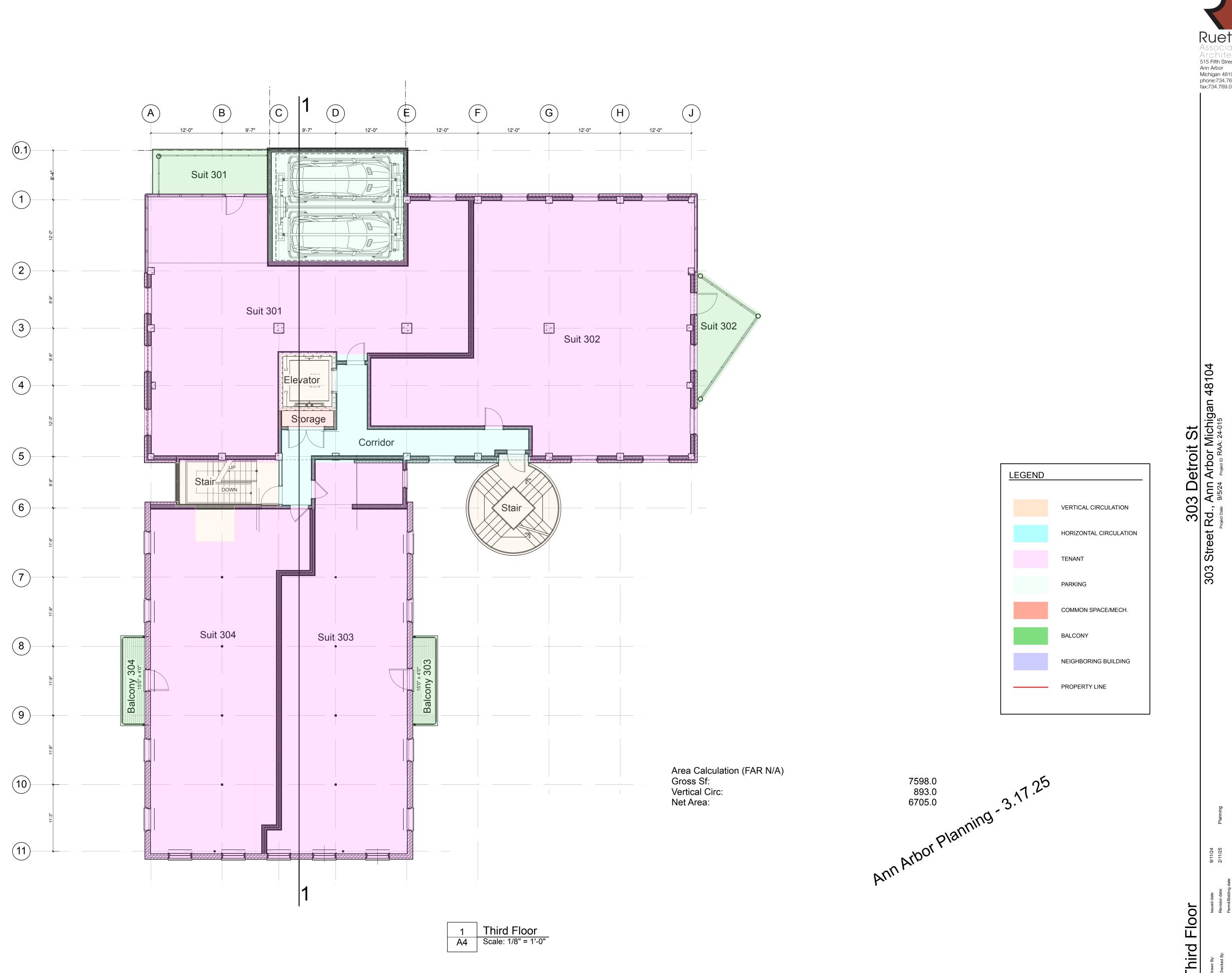
Issued date: 9/11/24
Revision date: 10/29/24 Plannir

First Floor

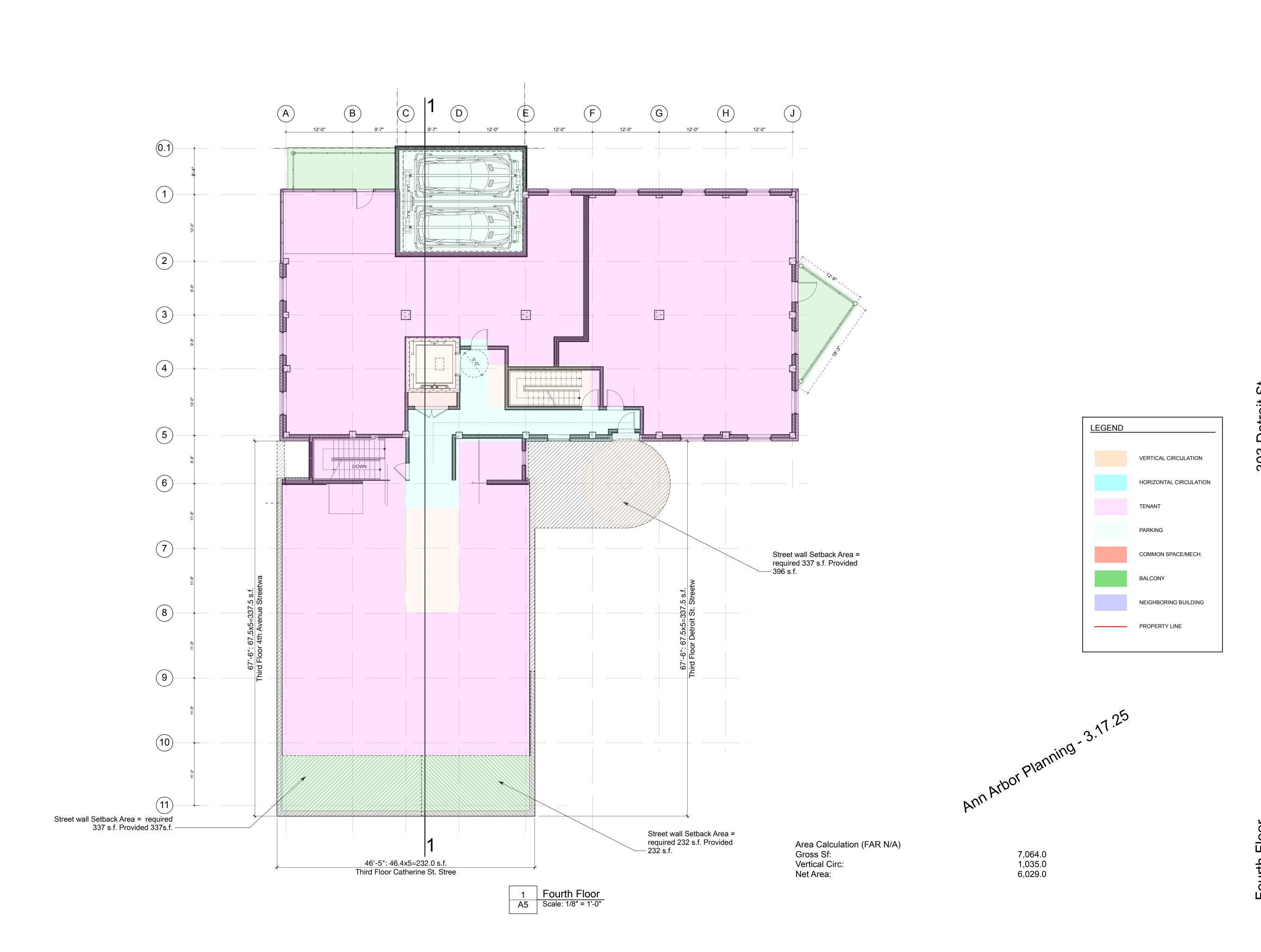


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cond Floor



Rueter Associates Architects 515 Fifth Street Ann Arbor Michigan 48103 phone:734.769.0070 fax:734.769.0167



Rueter Associates Architects 515 Fifth Street Ann Arbor Michigan 48103 phone:734.769.0070 fax:734.769.0167

303 Street Rd., Ann Arbor M

Issued date: 9/11/24

1 Fifth Floor A6 Scale: 1/8" = 1'-0"

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303 Street Rd., Ann A

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Arbor Planning - 3.17.2



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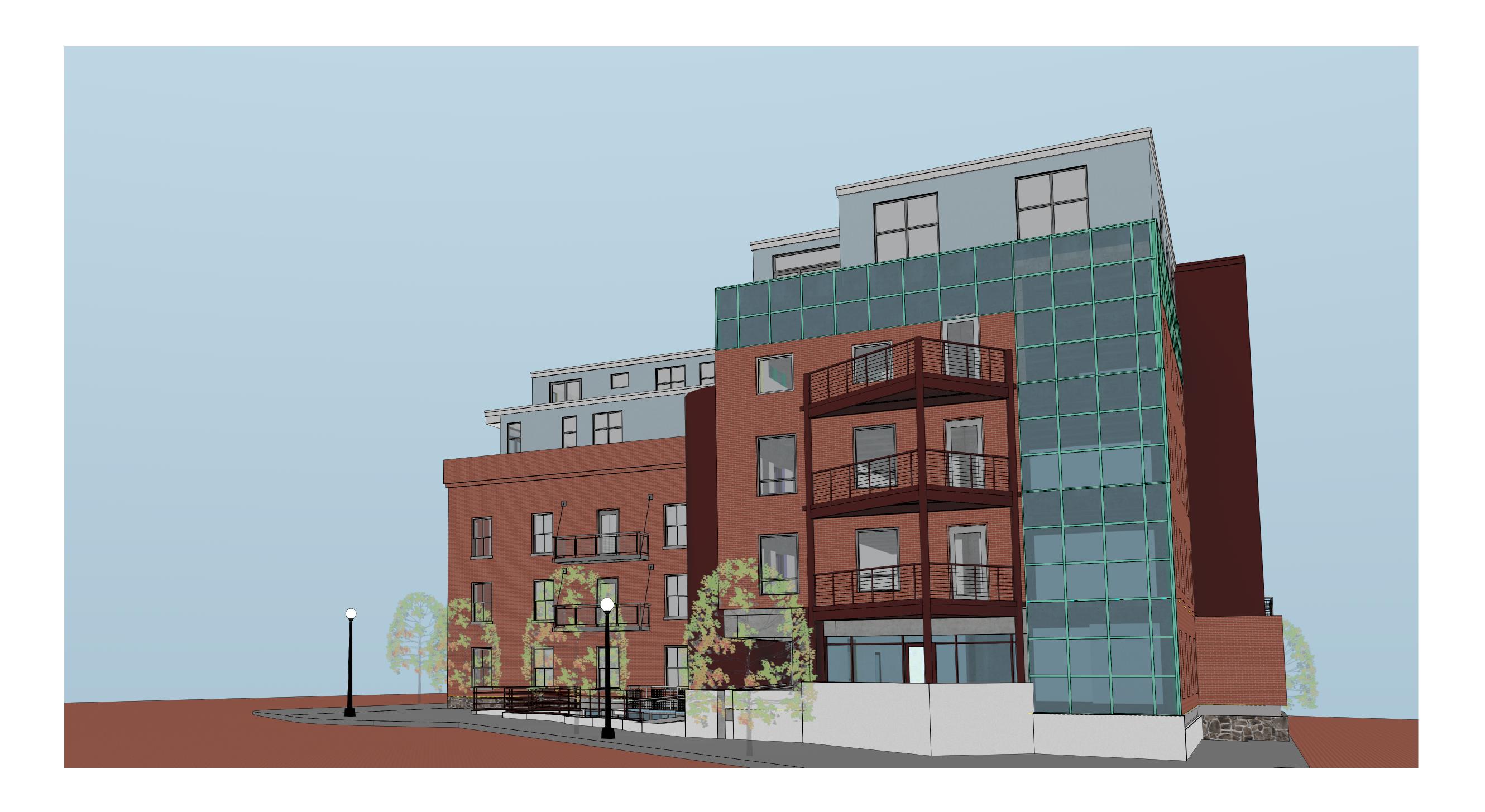


North and West Elevations

| Sevision date: 9/11/24 | Sevision date: 9/

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4 Looking west
A10 Scale: 3/4" = 1'-0"

303 Street Rd., An

