

# 350 S. FIFTH AVE. DEVELOPMENT

## AFFORDABLE HOUSING

### CITY OF ANN ARBOR, WASHTENAW COUNTY, MICHIGAN

JUNE 18, 2025  
SITE PLAN FOR PLANNING COMMISSION APPROVAL  
SmithGroup Project Number: 15412

APPLICANT AND CO-OWNER:



RELATED MIDWEST  
350 W. HUBBARD STREET  
SUITE 300  
CHICAGO, IL 60654  
www.relatedmidwest.com  
  
CONTACT: DENISE HALL  
EMAIL: DHALL@RELATEDMIDWEST.COM  
PHONE: 312.832.4255

CO-OWNER:



ANN ARBOR HOUSING COMMISSION  
727 MILLER AVENUE  
ANN ARBOR, MI 48103  
  
CONTACT: JENNIFER HALL, EXECUTIVE DIRECTOR  
EMAIL: JHALL@A2GOV.ORG  
PHONE: 734.794.6720 X 47201

PREPARED BY:



201 DEPOT STREET  
SECOND FLOOR  
ANN ARBOR, MI 48104  
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CONTACT: LINDSAY FERCHO, PLA  
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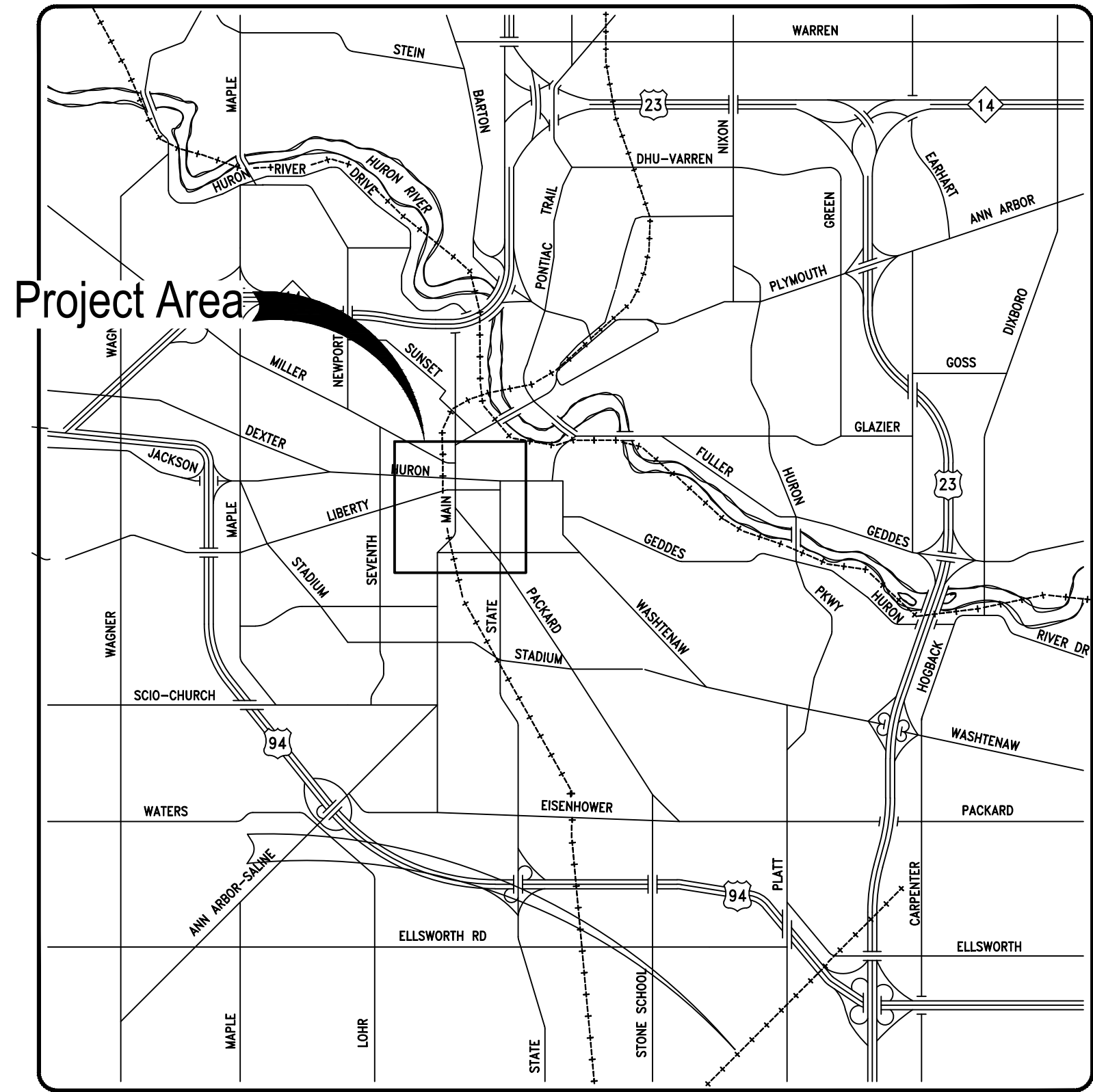
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| 03 | ALTA SURVEY  |
| 04 | EXISTING CONDITIONS PLAN   |
| 05 | DEMOLITION PLAN  |
| 06 | DIMENSIONAL LAYOUT PLAN  |
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\*SEE GENERAL NOTES SHEET FOR REQUIRED SITE PLAN INFORMATION INCLUDING COMPARISON CHART, DEVELOPMENT PROGRAM, COMMUNITY ANALYSIS, AND ASSOCIATED APPLICATIONS



VICINITY MAP:



Project Location





FILE: C:\Users\ngattoni\DC\ACCDocs\SmithGroup\00015412 - 350 S Fifth Ave. Mixed-Use Development\Project Files\BIM\05 Civil\SHEETS\15412-C002.dwg USER: ngattoni DATE: Sep, 10 2025 TIME: 04:42 pm

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	TAG #	COMMON NAME	BOTANICAL NAME	CONDITION	DBH (INCHES)	LANDMARK	REMOVAL
ON SITE	145	Japanese Zelkova	<i>Zelkova serrata</i>		4		x
	146	Japanese Zelkova	<i>Zelkova serrata</i>		5		x
	147	Japanese Zelkova	<i>Zelkova serrata</i>		4		x
	221	Serviceberry	<i>Amelanchier spp.</i>		2		x
	246	Serviceberry	<i>Amelanchier spp.</i>		2		x
	275	Japanese Zelkova	<i>Zelkova serrata</i>		5		x
	276	Japanese Zelkova	<i>Zelkova serrata</i>		5		x
	704	Japanese Zelkova	<i>Zelkova serrata</i>		5		x
	705	Crab Apple	<i>Malus spp.</i>				x
						Multistem	
OFF SITE	455	Hop-Hornbeam	<i>Ostrya virginiana</i>		2		
	469	American Elm	<i>Ulmus americana</i>		8		
	490	Horse Chestnut	<i>Aesculus hippocastanum</i>		8		
	491	Japanese Tree Lilac	<i>Syringa vulgaris</i>		2		
	492	Japanese Tree Lilac	<i>Syringa vulgaris</i>		2		
	1127	Bradford Pear	<i>Pyrus calleryana</i>		6		
	1138	Bradford Pear	<i>Pyrus calleryana</i>		6		
	1224	Ginkgo	<i>Ginkgo biloba</i>		2		
	1225	Ginkgo	<i>Ginkgo biloba</i>		2		
	1559	Yellowwood	<i>Cladrastis kentukea</i>		3		
	1667	Redbud	<i>Cercis canadensis</i>		2		
	1668	Upright English Oak	<i>Quercus robur 'Fastigiata'</i>		6		
	1669	Upright English Oak	<i>Quercus robur 'Fastigiata'</i>		6		
	1670	Upright English Oak	<i>Quercus robur 'Fastigiata'</i>		6		
	1671	Upright English Oak	<i>Quercus robur 'Fastigiata'</i>		6		
	1672	Upright English Oak	<i>Quercus robur 'Fastigiata'</i>		6		
	1673	Upright English Oak	<i>Quercus robur 'Fastigiata'</i>		6		
	1674	Upright English Oak	<i>Quercus robur 'Fastigiata'</i>		6		
	1675	Upright English Oak	<i>Quercus robur 'Fastigiata'</i>		6		
	1676	Kentucky Coffee Tree	<i>Gymnocladus dioica</i>		2		x
1677	Kentucky Coffee Tree	<i>Gymnocladus dioica</i>		2		x	
1678	Hop-Hornbeam	<i>Ostrya virginiana</i>		2		x	
1679	Hop-Hornbeam	<i>Ostrya virginiana</i>		2		x	
1680	Japanese Tree Lilac	<i>Syringa vulgaris</i>		3			
1681	Bigtooth Maple	<i>Acer grandidentata</i>		1			
1682	Serviceberry	<i>Amelanchier spp.</i>		1			

## NATURAL FEATURES:

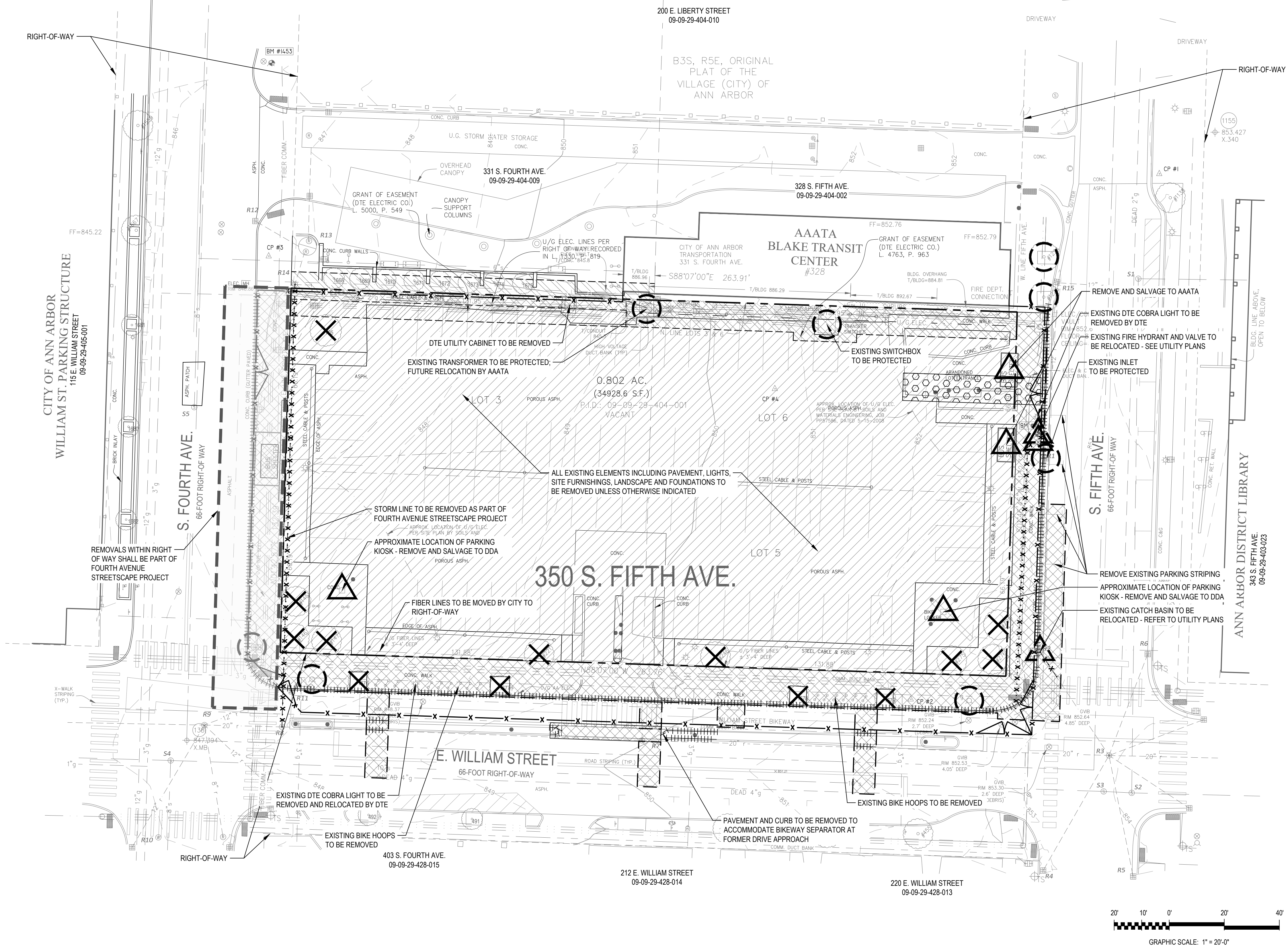
**100-YEAR FLOODPLAIN / FLOODWAY:**  
THE SITE IS LOCATED IN AN AREA OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD (DESIGNATED AS "ZONE X, OTHER AREAS" ON THE FEMA MAP). THIS IS BASED ON THE FEMA FLOOD INSURANCE RATE MAP FOR WASHTENAW COUNTY, PANEL 263 OF 585, MAP NUMBER 26161C0263E, EFFECTIVE APRIL 3, 2012.

**WOODLANDS:**  
THERE ARE NO WOODLANDS ON SITE.

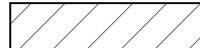







20' 10' 0' 20' 40'

GRAPHIC SCALE: 1" = 20'-0"





## LEGEND

- |   |  |
|---|--|
| —————   | PROPERTY LINE  |
| - - - - -   | RIGHT-OF-WAY LINE                                    |
| - - - - -   | EXISTING DTE EASEMENT                                |
|   | CURB REMOVAL   |
| - - - - -   | SAWCUT PAVEMENT                                      |
|  | ALL EXISTING ELEMENTS REMOVAL<br>OTHERWISE INDICATED |
|  | PAVEMENT REMOVAL                                     |
|  | TREE REMOVAL   |
|  | PROTECT  |
|  | SALVAGE  |
|  | RELOCATE   |
| · X · X · X · X · X · X ·   | UTILITY REMOVAL                                      |
|  | STABILIZED CONSTRUCTION ENTRANCE                     |
| — X — X —   | CONSTRUCTION FENCE                                   |
|  | CONSTRUCTION ENTRANCE                                |

## NOTES

1. ALL EXISTING UNUSED SERVICE LEADS SHALL BE PERMANENTLY KILLED AT THE MAIN.



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Willowbrook, IL 60527  
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ISSUED FOR	DATE
SITE PLAN REVISION 1	10SEPT2025
DESIGN DEVELOPMENT	21AUG2025
SITE PLAN SUBMITTAL	18JUNE2025
SCHEMATIC DESIGN	27MAR2025

SEALS AND SIGNATURES

NOT FOR  
CONSTRUCTION

DRAWING TITLE  
**REMOVALS PLAN**

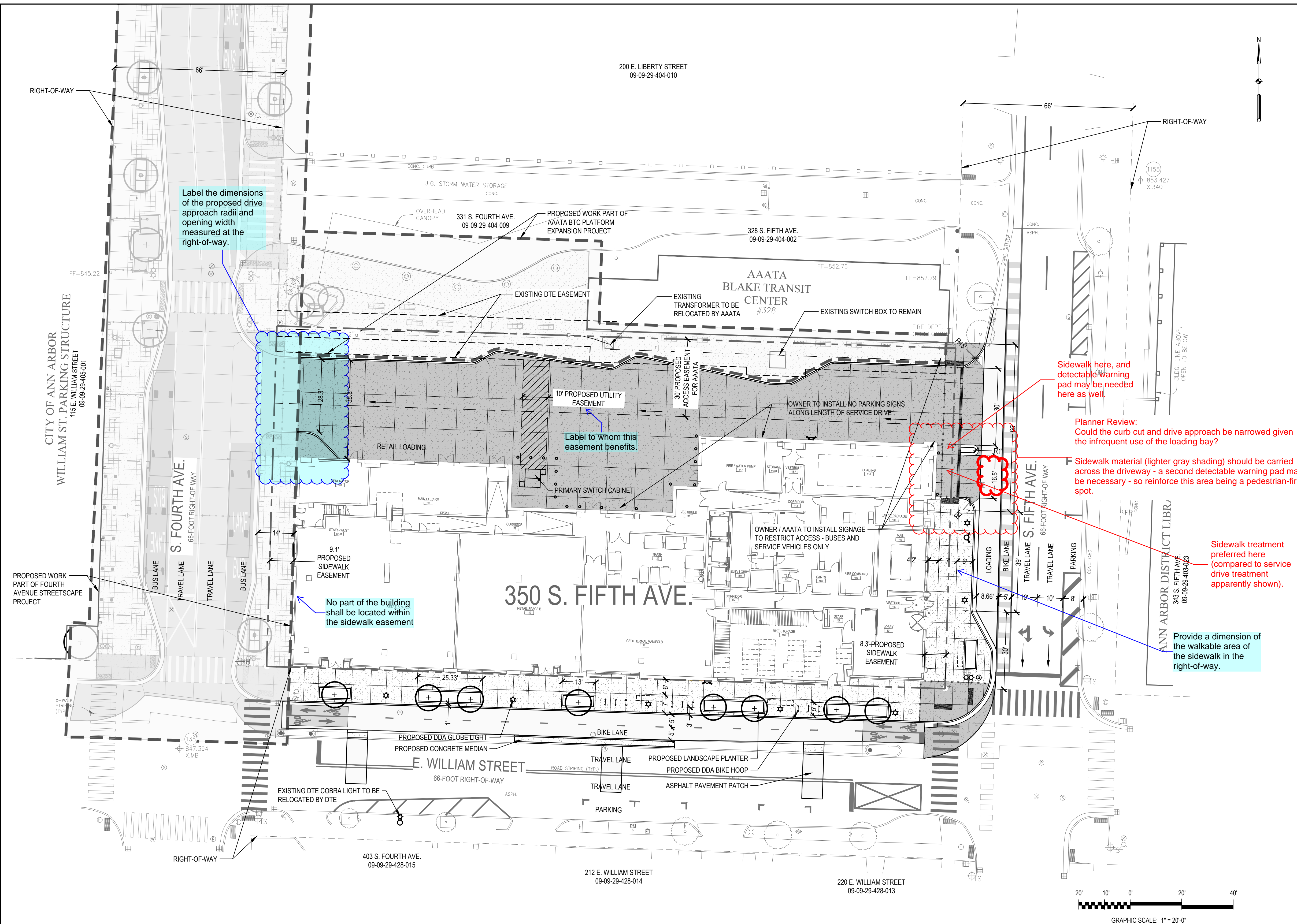
15412  
PROJECT NUMBER

DRAWING NUMBER

15412

05





## LEGEND

- |  |                                 |
|--|---------------------------------|
|  | PROPERTY LINE                   |
|  | RIGHT-OF-WAY                    |
|  | EXISTING DTE EASEMENT           |
|  | PROPOSED ACCESS EASEMENT        |
|  | PROPOSED UTILITY EASEMENT       |
|  | HEAVY DUTY CONCRETE             |
|  | CONCRETE SIDEWALK               |
|  | ASPHALT PAVEMENT                |
|  | CONTROL JOINT                   |
|  | SEALED EXPANSION JOINT          |
|  | BARRIER CURB AND GUTTER         |
|  | DDA CONCRETE CURB               |
|  | MOUNTABLE CURB AND GUTTER       |
|  | TACTILE WARNING STRIP           |
|  | TACTILE GUIDE STRIP             |
|  | BIKE HOOP                       |
|  | CARGO BIKE FOOTPRINT            |
|  | WASTE RECEPTACLE                |
|  | BOLLARD                         |
|  | SIGN                            |
|  | RELOCATED FIRE HYDRANT          |
|  | FIRE DEPARTMENT CONNECTION      |
|  | GLOBE LIGHT - SINGLE            |
|  | GLOBE LIGHT - DOUBLE            |
|  | STREET LIGHT - RELOCATED BY DTE |
|  | CANOPY TREE                     |
|  | CANOPY TREE IN GRATE            |
|  | LANDSCAPE PLANTER               |
|  | ONE-WAY TRAFFIC DIRECTION       |

## NOTES

1. PER THE APPROVED PUD, A PROVISION OF 30 FEET IN DEPTH, 25 FEET IN HEIGHT, AND EXTENDING FULLY BETWEEN FOURTH AND FIFTH AVENUE RIGHTS-OF-WAY SHALL BE PROVIDED TO THE AAATA. THE PETITIONER IS PURSUING AN ACCESS EASEMENT AS SHOWN ON THE PLANS TO FULFILL THIS REQUIREMENT.
2. PER DISCUSSIONS WITH DTE, A NEW 10-FOOT-WIDE UTILITY EASEMENT IS REQUIRED FROM THE PROPOSED SWITCH GEAR TO THE EXISTING DTE EASEMENT. THE PETITIONER IS WORKING WITH DTE TO FINALIZE THE LOCATION OF THE EASEMENT.
3. SIDEWALK EASEMENTS ARE REQUIRED FOR S. FIFTH AVENUE AND S. FOURTH AVENUE RIGHTS-OF-WAY. THESE EASEMENTS WILL BE OBTAINED THROUGH THE 350 S. FIFTH SITE PLAN SUBMITTAL PROCESS.
4. THE PROJECT IS ADJACENT TO THE WILLIAM STREET BIKEWAY. ALL PAINT, PAVEMENT MARKINGS, AND POST DELINEATORS SHALL BE RESTORED TO MATCH EXISTING CONDITIONS. THE EXTENTS OF THE CONCRETE CURB SEPARATOR SHALL BE MODIFIED AS SHOWN ON THE PLANS.
5. CLOSURES AND DISRUPTIONS TO BIKEWAY SHALL BE MINIMIZED TO THE FULLEST EXTENT POSSIBLE. ANY CLOSURES SHALL BE COORDINATED PRIOR TO CONSTRUCTION WITH THE DOWNTOWN DEVELOPMENT AUTHORITY.



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**DIMENSIONAL SITE LAYOUT  
PLAN**

PROJECT NUMBER 15412

DRAWING NUMBER \_\_\_\_\_











## 1 STORMWATER DETENTION CHAMBERS

1.1

StormTrap footprint of	2291 sf yields net infiltration and storage area of (87% w/structure)	1993
------------------------	---	------

Number of 100-year discharge orifices =	1	*Not required but recommended
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7' - 6" SINGLETRAP

1.1



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## STORMWATER CALCULATIONS AND DETAILS

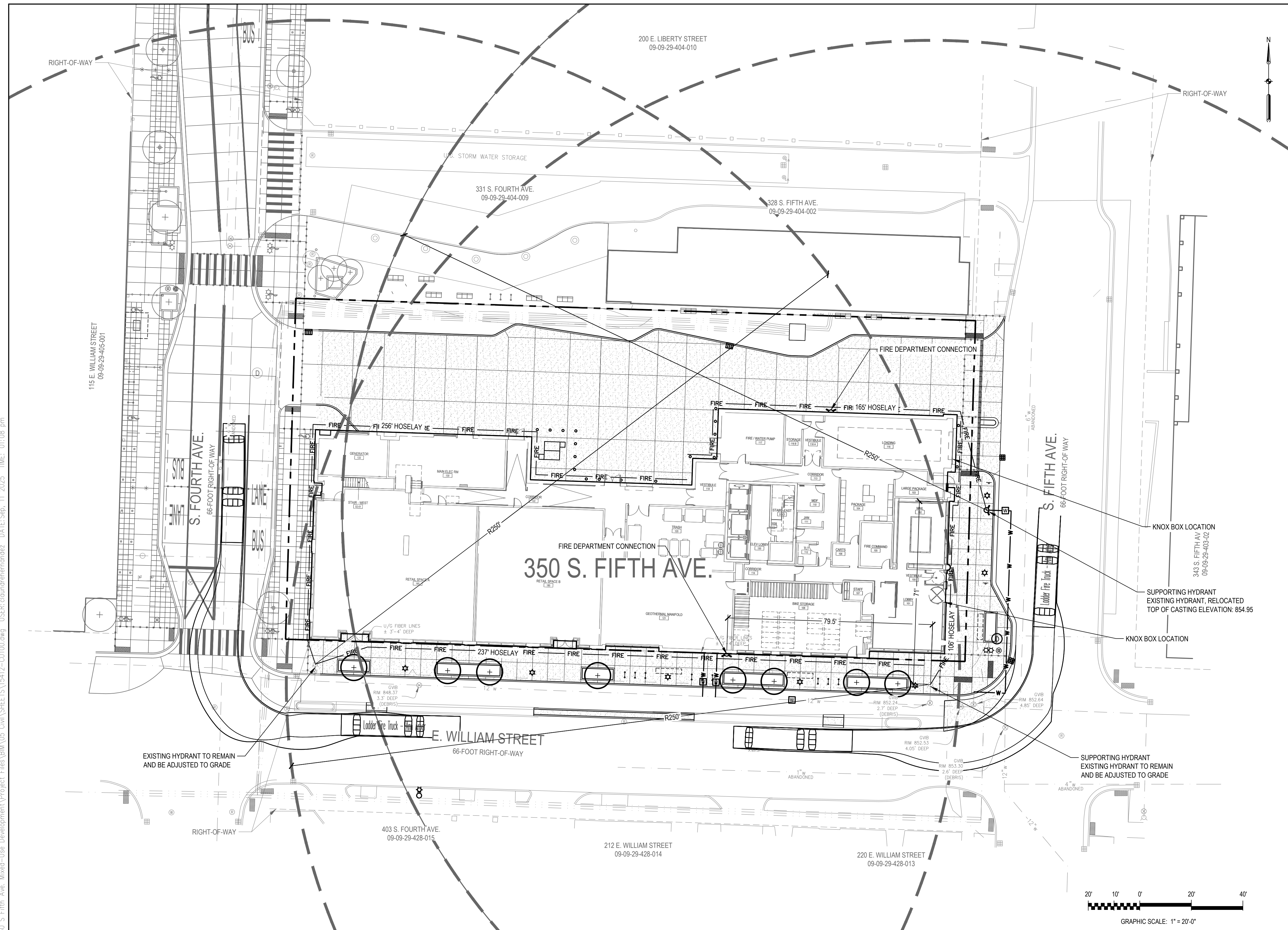
15412

09















## LEGEND

- |   |                            |
|---|----------------------------|
|  | PROPERTY LINE              |
|  | FIRE HOSE LAY ROUTE        |
|  | WATER MAIN                 |
|  | GATE VALVE BOX             |
|  | FIRE HYDRANT ASSEMBLY      |
|  | FIRE DEPARTMENT CONNECTION |

1. EMERGENCY RESPONSE COVERAGE ENHANCEMENT SYSTEM ANNUNCIATOR PANEL IN FCC. ANTENNA AT ROOF. EQUIPMENT IN STACKED 2-HOUR RATED ENCLOSURE AND/OR CABLING.
2. EMERGENCY RESPONDER RADIO COVERAGE TO MEET REQUIREMENTS SPECIFIED IN 2021 INTERNATIONAL FIRE CODE.



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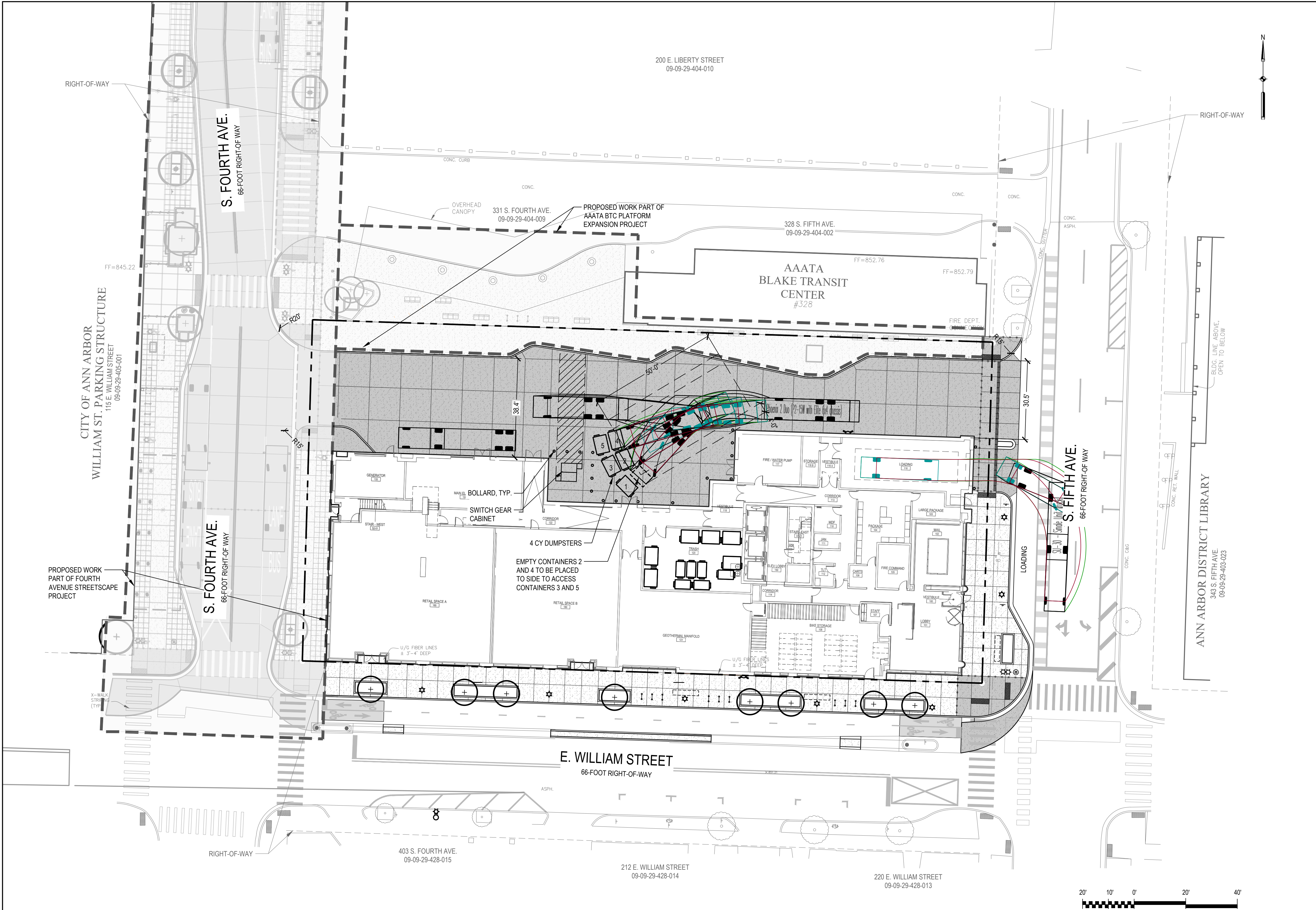
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CONSTRUCTION





- RESIDENTIAL**
- 440 BEDROOMS X 4 LBS/BEDROOM/DAY = 1760 LBS/DAY X 7 DAYS A WEEK = 12320 LBS/WEEK
- TRASH GENERATION:**
- 12320 LBS/WEEK X 80% = 9856 LBS/WEEK
  - 9856 LBS/WEEK / 225 LBS/CUBIC YARD = 43.8 CY UNCOMPACTED TRASH
  - 43.8 CY UNCOMPACTED TRASH/WEEK / 2.44 (OPTIMAL COMPACTION) = 18 CY COMPACTED TRASH/WEEK
  - **X 3 CY DUMPSTERS NEED TO BE COLLECTED PER WEEK**
- RECYCLE GENERATION:**
- 12320 LBS/WEEK X 20% = 2464 LBS/WEEK
  - 2464 LBS/WEEK / 100 LBS/CUBIC YARD = 25 CY UNCOMPACTED RECYCLING/WEEK
  - **SEVEN 4 CY UNCOMPACTED DUMPSTERS TO BE COLLECTED PER WEEK**

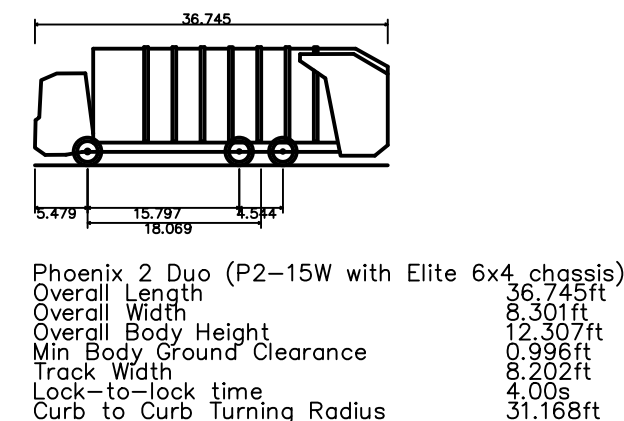
- RESTAURANT**  
THE RETAIL TENANT IS UNKNOWN AT THIS POINT. TO MAINTAIN FLEXIBILITY, THE PETITIONER IS ACCOUNTING FOR RESTAURANT VOLUMES.
- 6467 SQ FT X 0.65 CUBIC YARDS / 1000 SQ FT / DAY = 4.2 CUBIC YARDS/DAY X 7 DAYS A WEEK = 29.4 CY/WEEK
- TRASH GENERATION:**
- 29.4 CY/WEEK X 80% = 23.5 CY/WEEK
  - 23.5 CY/WEEK / 2.44 (OPTIMAL COMPACTION) = 10 CY COMPACTED TRASH/WEEK
  - **FOUR 3 CY DUMPSTERS NEED TO BE COLLECTED PER WEEK**
- RECYCLE GENERATION:**
- 29.4 CY/WEEK X 20% = 6 UNCOMPACTED CY/WEEK
  - **TWO 4 CY UNCOMPACTED DUMPSTERS TO BE COLLECTED PER WEEK**

**TOTAL DUMPSTERS COLLECTED EACH WEEK:**



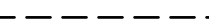

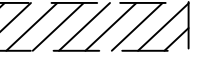















TRASH:  $6+4 = 10$

RECYCLING:  $7+2 = 9$

	M	T	W	TH	F	S	S	TOTAL
TRASH			5			5		10
RECYCLING		5			4			9



1. RESIDENTS OF 350 S. FIFTH WILL HAVE ACCESS TO TRASH AND RECYCLING CHUTES ON EACH LEVEL. TRASH CHUTES WILL DEPOSIT SOLID WASTE IN THE TRASH ROOM ON THE FIRST FLOOR. TRASH WILL BE COMPACTED IN 3 CY DUMPSTERS. RECYCLABLES WILL BE COLLECTED IN 4 CY DUMPSTERS AND WILL NOT BE COMPACTED.
2. DUMPSTERS SHALL BE STORED INSIDE THE BUILDING'S TRASH ROOM AND ROLLED OUT FOR COLLECTION PER THE ANTICIPATED COLLECTION SCHEDULE. BUILDING STAFF WILL ROLL DUMPSTERS OUT OF THE BUILDING INTO THE COLLECTION AREA. WITHIN ONE HOUR FOLLOWING COLLECTION, BUILDING STAFF WILL RETURN DUMPSTERS TO THE TRASH ROOM.
3. RETAIL TENANTS WILL HAVE ACCESS TO THE TRASH ROOM AND WILL BE RESPONSIBLE FOR STAGING THEIR DUMPSTERS FOR COLLECTION.
4. REFER TO THE COLLECTION SCHEDULE FOR ANTICIPATED SERVICING EACH WEEK. PICKUP TIMES WILL BE COORDINATED WITH WASTE MANAGEMENT, THE CITY, AND AATA.
5. SOLID WASTE VEHICLES SHALL ENTER THE SITE FROM S. FIFTH AVENUE AND LEAVE THE SITE ON S. FOURTH AVENUE.

- |   |                                       |
|---|---------------------------------------|
|    | PROPERTY LINE                         |
|    | RIGHT-OF-WAY                          |
|    | EXISTING DTE EASEMENT                 |
|    | PROPOSED ACCESS EASEMENT              |
|    | PROPOSED UTILITY EASEMENT             |
|    | BIKE HOOP                             |
|    | CARGO BIKE FOOTPRINT                  |
|    | WASTE RECEPTACLE                      |
|    | BOLLARD                               |
|    | SIGN                                  |
|    | RELOCATED FIRE HYDRANT                |
|    | FIRE DEPARTMENT CONNECTION            |
|    | GLOBE LIGHT - SINGLE                  |
|    | GLOBE LIGHT - DOUBLE                  |
|    | STREET LIGHT - RELOCATED BY DTE       |
|    | CANOPY TREE                           |
|    | CANOPY TREE IN GRATE                  |
|  | LANDSCAPE PLANTER                     |
|  | 3 CUBIC YARD DUMPSTER                 |
|  | 4 CUBIC YARD POLY FRONT LOAD DUMPSTER |

1. THE PROPERTY OWNER IS RESPONSIBLE FOR ALL SNOW AND ICE REMOVAL REQUIRED FOR SAFE ACCESS TO THE ENCLOSURES AND SERVICING OF ALL SOLID WASTE CONTAINERS.
2. THE PAVEMENT SURFACE OF THE SOLID WASTE SERVICE ROUTE SHALL BE DESIGNED TO SUPPORT THE WEIGHT OF SOLID WASTE VEHICLES (79,500 GVWR).
3. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF NO PARKING SIGNS ALONG THE SOLID WASTE INGRESS / EGRESS ROUTE TO ENSURE THE ROUTE REMAINS FREE OF VEHICLES.



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**SOLID WASTE MANAGEMENT  
PLAN**

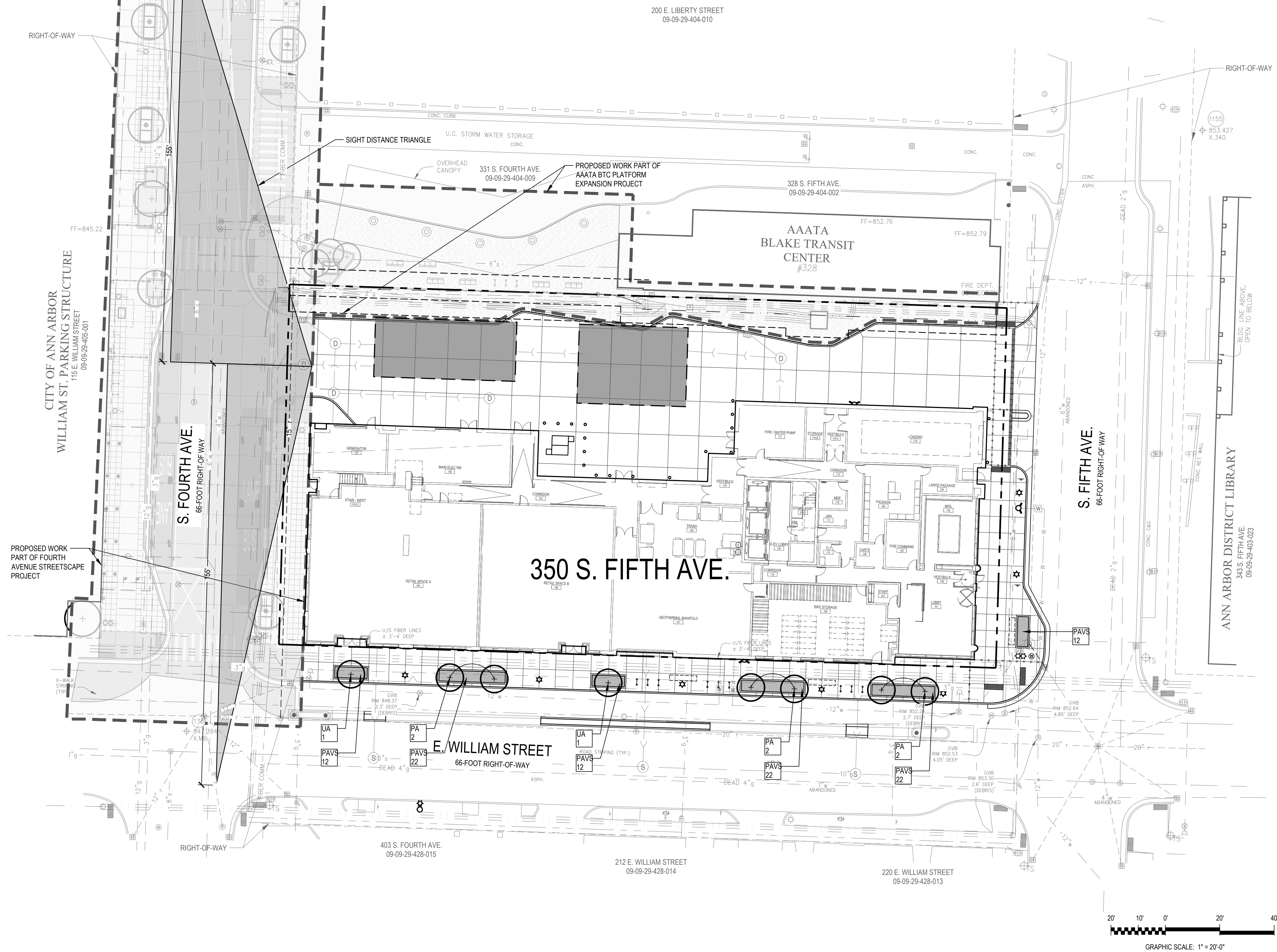
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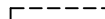








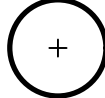






PLANT LIST:

ID	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT TYPE	HEIGHT
<b>TREES</b>						
PA	6	<i>Platanus x acerifolia</i>	London Planetree	3" cal.	B&B	14' min. at planting
UA	2	<i>Ulmus 'Morton' Accolade</i>	ACCOLADE™ Elm	3" cal.	B&B	14' min. at planting
<b>PERENNIALS</b>						
PAVS	102	<i>Panicum virgatum 'Shenandoah'</i>	Shenandoah Switchgrass	#1	Container	36" at maturity

## LEGEND

- |   |                                 |
|---|---------------------------------|
|  | PROPERTY LINE                   |
|  | RIGHT-OF-WAY                    |
|  | EXISTING DTE EASEMENT           |
|  | BIKE HOOP                       |
|  | CARGO BIKE FOOTPRINT            |
|  | WASTE RECEPTACLE                |
|  | BOLLARD                         |
|  | SIGN                            |
|  | RELOCATED FIRE HYDRANT          |
|  | FIRE DEPARTMENT CONNECTION      |
|  | GLOBE LIGHT - SINGLE            |
|  | GLOBE LIGHT - DOUBLE            |
|  | STREET LIGHT - RELOCATED BY DTE |
|  | CANOPY TREE                     |
|  | CANOPY TREE IN GRATE            |
|  | LANDSCAPE PLANTER               |



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VERTICAL TRANSPORT CONSULTANT  
17W106 91st. St.  
Willowbrook, IL 60527  
630.325.4450

ISSUED FOR	DATE
SITE PLAN REVISION 1	10SEPT2025
DESIGN DEVELOPMENT	21AUG2025
SITE PLAN SUBMITTAL	18JUNE2025
SCHEMATIC DESIGN	27MAR2025

SEALS AND SIGNATURES

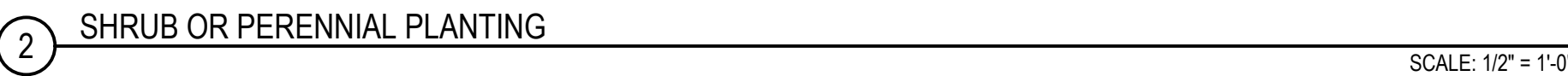
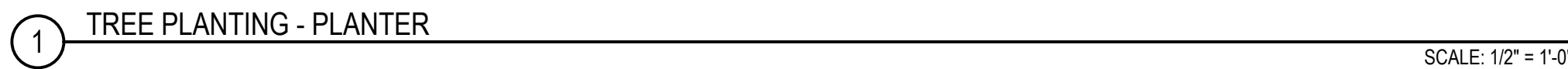
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CONSTRUCTION

## 15412

PROJECT NUMBER

15

DRAWING NUMBER



1. ALL MATERIAL SUPPLIED FOR AN INDIVIDUAL ITEM ON THE PLANT SCHEDULE SHALL MATCH SIZE, SHAPE, FORM, AND NOTED REQUIREMENTS. IN ADDITION THE PLANT MATERIAL SHALL CONFORM TO THE SPECIFICATIONS AND CITY OF ANN ARBOR STANDARDS. LANDSCAPE ARCHITECT WILL REVIEW PLANT MATERIAL AND RESERVES THE RIGHT TO REJECT ANY MATERIAL THAT DOES NOT MEET THE SPECIFICATIONS, PLANT SCHEDULE, OR DESIGN REQUIREMENTS OF THE PROJECT. PLANTS INSTALLED THAT DO NOT COMPLY TO BE IMMEDIATELY REMOVED AND REPLACED.
2. PLANT MATERIALS SIZES SHALL BE THE MINIMUM INDICATED ON THE PLANT SCHEDULE OR LARGER. INSTALLATION OF LARGER PLANTS AT NO ADDITIONAL COST TO OWNER TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING. ALL MEASUREMENTS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ANLA "STANDARDS FOR NURSERY STOCK".
3. SELECT PLANT MATERIALS AS SHOWN ON PLANS AND INDICATED IN PLANT SCHEDULE. LANDSCAPE ARCHITECT SHALL REVIEW PLACEMENT OF PLANT MATERIAL PRIOR TO INSTALLATION, AND RESERVES THE RIGHT TO ADJUST LAYOUT TO ACCOMMODATE SITE CONDITIONS AND DESIGN INTENT AT NO ADDITIONAL COST. ALL PLANTINGS SHALL BE INSTALLED IN A LOGICAL SEQUENCE WITHIN THE SAME PLANTING TIME FRAME. IF THE PLANT MATERIAL IS INSTALLED WITHOUT PRIOR APPROVAL THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REQUEST LAYOUT ADJUSTMENTS AT NO ADDITIONAL COST.
4. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT PLANTS AND ENSURE HEALTH AND PLANT QUALITY DURING SHIPMENT, HANDLING, INSTALLATION, AND ESTABLISHMENT.
5. ALL LANDSCAPE BEDS WITH CONTAINER PLANTS SHALL RECEIVE A MIN. DEPTH OF 2 INCHES OF DOUBLE PROCESSED SHREDDED HARDWOOD BARK MULCH. KEEP MULCH 4 INCHES FROM TREE TRUNKS, AND SHRUB AND PERENNIAL CROWNS.
6. FINISH GRADES SHOWN ARE FINAL SURFACE GRADES AFTER COMPLETION OF ALL SURFACE IMPROVEMENTS AND PLACEMENT OF TOPSOIL AND PLANTING MIX. IN LANDSCAPE BEDS ADJACENT TO PAVEMENT THE FINISH GRADE OF THE SOIL TO BE SET 3 INCHES BELOW THE FINISHED GRADE OF THE PAVEMENT TO ACCOMMODATE 2 INCHES OF HARDWOOD BARK MULCH.
7. SPACE PLANT MATERIALS AS SHOWN ON PLANS AND INDICATED IN PLANT SCHEDULE
8. SELECT DECIDUOUS TREES AS INDICATED ON THE PLANS SHALL BE MATCHED SPECIMEN TREES WITH SIMILAR FORMS, SIZES, AND BRANCHING PATTERNS.
9. REFER TO REMOVAL AND SOIL EROSION CONTROL PLANS FOR EROSION CONTROL MEASURES
10. REFER TO REMOVAL AND SOIL EROSION CONTROL PLANS FOR TREE REMOVALS. CONTRACTOR TO PROVIDE AND MAINTAIN TREE PROTECTION FOR ALL EXISTING TREES TO REMAIN AS REQUIRED AND DIRECTED BY THE LANDSCAPE ARCHITECT.
11. LEGALLY DISPOSE OF DEBRIS ASSOCIATED WITH PLANTING OFF-SITE.
12. COMPACTED SUBGRADE SOILS SHALL BE SCARIFIED TO A MINIMUM 12-INCH DEPTH PRIOR TO PLACEMENT OF PLANTING MEDIA IN LANDSCAPE BEDS. DO NOT SCARIFY SOILS UNDER ROOT BALLS OF PROPOSED TREES.
13. PLANTING MEDIA FOR LANDSCAPE BEDS SHALL CONSIST TWO PARTS APPROVED OFF-SITE TOPSOIL THOROUGHLY BLENDED WITH ONE PART COMPOST.
14. PRIOR TO OR DURING PLANTING, AMEND ALL PLANTING MEDIA BY INCORPORATING FERTILIZER AT RATES REQUIRED BY SOIL TEST REPORTS.

1. MAINTAIN ALL LANDSCAPE BEDS AND TREE GRATES WEED FREE.
2. COLLECT ALL LITTER AND DEBRIS FROM LANDSCAPE BEDS AND DISPOSE OFF-SITE.
3. IN EARLY SPRING, PRIOR TO THE START OF THE GROWING SEASON, CUT ALL ORNAMENTAL GRASSES FLUSH WITH THE GROUND AND REMOVE CUTTINGS FROM SITE.
4. HAND-WATER OR UTILIZE HORTICULTURAL TREE WATERING BAGS FOR PLANTED TREES THROUGHOUT THE TWO-YEAR WARRANTY PERIOD. WATER OR REPLENISH TREE WATERING BAGS REGULARLY SO THAT TREES RECEIVE 1 INCH OF WATER PER WEEK.
5. ALL DISEASED, DAMAGED OR DEAD MATERIALS SHOWN ON THE SITE PLAN AS PROPOSED PLANTINGS SHALL BE REPLACED BY THE END OF THE FOLLOWING GROWING SEASON AS A CONTINUING OBLIGATION FOR THE DURATION OF THE SITE PLAN.

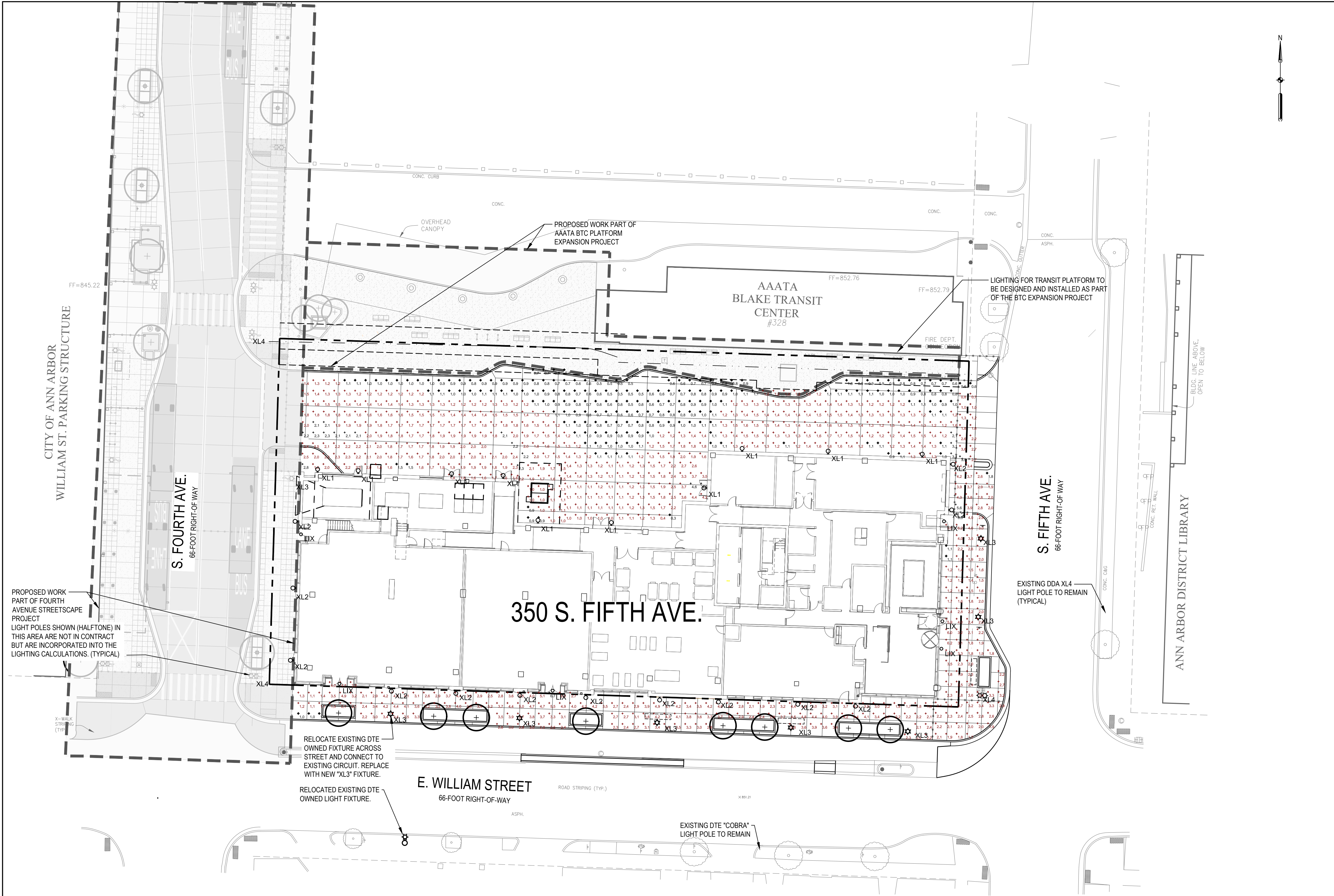
Street trees to be removed:	2	inch	Kentucky Coffee Tree
	2	inch	Kentucky Coffee Tree
	2	inch	Hop-Hornbeam
	2	inch	Hop-Hornbeam
Total caliper of trees to be removed:	8	<b>inches</b>	
Proposed street trees (8) @ 3-inch caliper:	24	<b>inches</b>	
<b>Canopy Loss Fee:</b>	<b>\$0</b>	<b>16-inches of caliper gained)</b>	

1. THE PROJECT DOES NOT INCLUDE A VEHICULAR USE AREA. INTERIOR LANDSCAPE ISLANDS, CONFLICTING LAND USE BUFFER, AND RIGHT-OF-WAY-SCREENINGS ARE NOT APPLICABLE.
2. STREET TREES ARE PROPOSED AS INDICATED BELOW:

STREET	FRONTAGE (LF)	EXISTING	REQUIREMENT (1 TREE / 45 LF)	PROPOSED	NOTES
E. William Street	264	4	6	8	
S. Fourth Ave.	132	0	1*	1	A minimum of one street tree is required per the PUD supplemental regulations; the tree is provided as part of the Fourth Avenue Streetscape Project.
S. Fifth Ave.	132	0	1*	0	A street tree along S. Fifth Ave. will be in conflict with the existing water main and storm sewer line. Per discussion with the DDA, the required tree has been moved to E. William Street, and a landscape planter with perennials is proposed for S. Fifth Ave.

\*A minimum of one street tree is required per the PUD supplemental regulations










Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
DTE EQUIPMENT AREA	+	13.6	23.6	0.9	2.61	1.41
E. WILLIAM STREET SIDEWALK	+	33.6	67.6	1.0	6.71	3.31
LOADING/EAST DRIVEWAY	+	33.6	56.6	1.8	3.11	1.81
NORTH DRIVE	+	12.6	34.6	0.5	6.81	2.41
NORTH DRIVE SIDEWALK	+	20.6	28.6	1.5	1.91	1.31
S. FIFTH AVE CROSSWALK	+	18.6	39.6	0.6	6.51	3.01
S. FIFTH AVE SIDEWALK	+	26.6	65.6	1.1	5.91	2.41
TRASH PICK-UP AREA	+	16.6	46.6	0.3	15.31	5.31

LIGHTING FIXTURE SCHEDULE							
TYPE	DESCRIPTION	MANUFACTURER	MODEL	LAMP	WATTAGE / LUMENS	VOLTAGE	COMMENTS
XL1	13.75" WIDE X 10" DEEP X 6.375" HIGH, WALL MOUNTED EXTERIOR LUMINAIRE WITH INTEGRAL PHOTOELECTRIC CELL, BLACK FINISH.	LITHONIA LIGHTING OR PRE-APPROVED EQUAL	D-SERIES D3XW1 LED; OR PRE-APPROVED EQUAL	LED P3 OPTIC; FORWARD THROW DISTRIBUTION 3000K CCT, 80 CRI	21W / 2800 LUMENS	120VOLT (120-277V)	
XL2	11.1" WIDE X 3.2" DEEP X 8.1" HIGH, WALL MOUNTED WALL PACK WITH INTEGRAL PHOTOELECTRIC CELL, BLACK FINISH.	LITHONIA LIGHTING OR PRE-APPROVED EQUAL	WPX1 LED; OR PRE-APPROVED EQUAL	LED P1 OPTIC; FORWARD THROW DISTRIBUTION 3000K CCT, 70- CRI	11W / 1550 LUMENS	120VOLT (120-277V)	
XL3	FIXTURE, LED GLOBE WITH TYPE V DISTRIBUTION, CUT-OFF LITELID, BLACK FINISH. POLE, 11.2" CENTER CITY STYLE LAMP POST WITH WELDED STEEL ASSEMBLY AND CAST DUCTILE IRON ORNAMENTATION.	FIXTURE: LIMECON POLE: SPRING CITY	THIRTY-FIVE WEST DECORATIVE POST; TOP LSW11-1-10W-B-C; POLE: CENTER CITY	LED, 2700K CCT, 80 CRI	54W / 3900 LUMENS	120-277V	EQUIPPED WITH A PHILLIPS PROGRAMMABLE DRIVER
XL4	SAME AS XL4 EXCEPT, TWO FIXTURES MOUNTED TO A SINGLE POLE.						
LUX	4" DIAMETER DOWNLIGHT WITH STEEL MOUNTING FRAME, SELF FLANGED SEMI SPECULAR REFLECTOR, WET LOCATION RATED.	PORTFOLIO	LD48	LED, MEDIUM WIDE DOWNLIGHT BEAM 3000K CCT, 80+ CRI	7W / 500 LUMENS	120-277V	

## LEGEND

- |   |                                   |
|---|-----------------------------------|
|  | PROPERTY LINE                     |
|  | RECESSED DOWN-LIGHT FIXTURE       |
|  | WALL MOUNTED LIGHT FIXTURE        |
|  | POLE MOUNTED GLOBE LIGHT - SINGLE |
|  | POLE MOUNTED GLOBE LIGHT - DOUBLE |



**350 S. Fifth Ave.**

Ann Arbor, MI 48104

# SMITHGROUP

35 EAST WACKER DRIVE  
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smithgroup.com

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Chicago, IL 60604  
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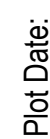
DRAWING TITLE  
SITE PHOTOMETRIC PLAN

15412  
PROJECT NUMBER

DRAWING NUMBER



SITE AREA:	34,928 SF
FLOOR AREAS	312,771 SF
F.A.R.	895%



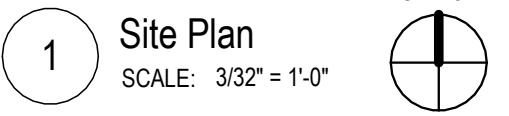


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**MEG CORP.**  
TELECOMMUNICATIONS CONSULTANT  
225 W Washington St, Suite 2700  
Chicago, IL 60606  
872.270.3930

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SHEET TITLE	ARCHITECTURAL SITE PLAN - OVERALL
PROJECT NUMBER	15412
SHEET NUMBER	18



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ELEVATION

PROJECT NUMBER

19



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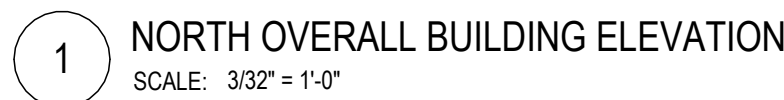
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[illegible]

SEALS AND SIGNATURES

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[illegible]



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KEYPLAN NORTH

KEYPLAN

A keyplan diagram showing the building footprint within a larger rectangular site boundary. The building footprint is an irregular shape with a central rectangular section and two smaller rectangular sections extending from the top and bottom right. A north arrow is located in the top right corner, pointing upwards and slightly to the right, with the word 'NORTH' written above it.

PROJECT NUMBER \_\_\_\_\_

21

SHEET NUMBER \_\_\_\_\_



GENERAL SHEET NOTES		REFERENCE KEYNOTES		○ SHEET KEYNOTES		EXTERIOR FINISH LEGEND				TYPE		DESCRIPTION		LOCATION		SPECIFICATION		GRAPHIC SCALE		
A.	REFER TO THE A-X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING, REFERENCE, AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.	042613.B03	HORIZONTAL MASONRY VENEER CONTROL JOINT, DARK FLEXIBLE SEALANT	A401	INSULATED COLUMN COVER, FINISH TO MATCH MTL-1A ENTRY CANOPY, INTEGRATED LIGHTING ABOVE EXTERIOR DOORS, STRUCTURAL FRAMING AND SUPPORT BY EOR, ARCHITECTURAL AND STRUCTURAL DESIGN TO BE FURTHER DEVELOPED IN LATER DESIGN PHASE.		TYPE	DESCRIPTION	LOCATION	SPECIFICATION		MTL-3A	VERTICALLY ORIENTED, CORRUGATED METAL RAINSCREEN.	PENTHOUSE	07 42 13		MTL-3B	VERTICALLY ORIENTED, CORRUGATED METAL RAINSCREEN W/ CONTINUOUS INSULATION BEHIND. COLOR TO MATCH MTL-3A	PENTHOUSE	07 42 13
		042613.B04	VERTICAL MASONRY VENEER CONTROL JOINT, 1/2" JOINT TYPICAL, MATCH MORTAR COLOR	A403	APPROXIMATE SIZE AND LOCATION OF EXTERIOR MECHANICAL EQUIPMENT, REFER TO MECH DWGS															
B.	REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.	050000.D01	FIXED METAL LADDER, OVERHEAD INSULATED COILING DOOR	A410	GLAZING IN ENTRY DOORS REQUIRED TO BE TEMPERED PER IBC 2406.4.1, TYPICAL		IGL-3	INSULATED GLAZING UNIT IN STOREFRONT, LOW-IRON VISION GLASS (TEMPERED WHERE NOTED)	LEVEL 1	08 80 00	MAS-1A	MODULAR VENEER BRICK, RUNNING BOND	ALL LEVELS	04 20 00		MAS-1B	MODULAR VENEER BRICK ACCENT. COLOR TO MATCH MAS-1A, RUNNING BOND W/ EVERY OTHER BRICK IN EVERY OTHER COURSE PROJECTED 3/4"	LEVELS 1-2	04 20 00	
		084233.A01	MANUAL REVOLVING DOOR ENTRANCE	A413	BOTTOM ROW OF GLAZING PANES IN STOREFRONT ASSEMBLY WILL BE REQUIRED TO BE TEMPERED TO SATISFY HAZARDOUS LOCATION REQUIREMENTS PER IBC 2406.4.3															
C.	REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.	266191.L01	ARCHITECTURAL EXTERIOR LIGHTING, WALL PACK, REFER TO ELEC DWGS	A414	BOTTOM ROW OF GLAZING PANES IN STOREFRONT ASSEMBLY WILL BE REQUIRED TO BE TEMPERED TO SATISFY HAZARDOUS LOCATION REQUIREMENTS PER IBC 2406.4.3		MTL-1B	MISC METALS, FINISH/COLOR TO MATCH MTL-1A	VARIOUS, SEE SPECS	05 75 00, 05 75 00, 07 62 00, 08 11 13	MAS-2	MERIDIAN SIZE VENEER BRICK, 4x6 1/4 (ALTERNATE FOR STRUCTURAL BRICK). COLOR TO MATCH MAS-1A & MAS-1B	LEVELS 1-2	04 20 00		MAS-3	GRANITE BASE VENEER, HONED	LEVEL 1	04 43 13	
		D.	REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.																	





4 STREETScape ALONG E WILLIAMS STREET  
SCALE: NOT TO SCALE



2 NORTHWEST PERSPECTIVE FROM BLAKE TRANSIT CENTER ENTRANCE ON FOURTH AVE  
SCALE: NOT TO SCALE



3 PERSPECTIVE LOOKING NORTH ALONG FIFTH AVE  
SCALE: NOT TO SCALE



1 RESIDENTIAL LOBBY ENTRANCE AT FIFTH AVE AND WILLIAMS ST  
SCALE: NOT TO SCALE

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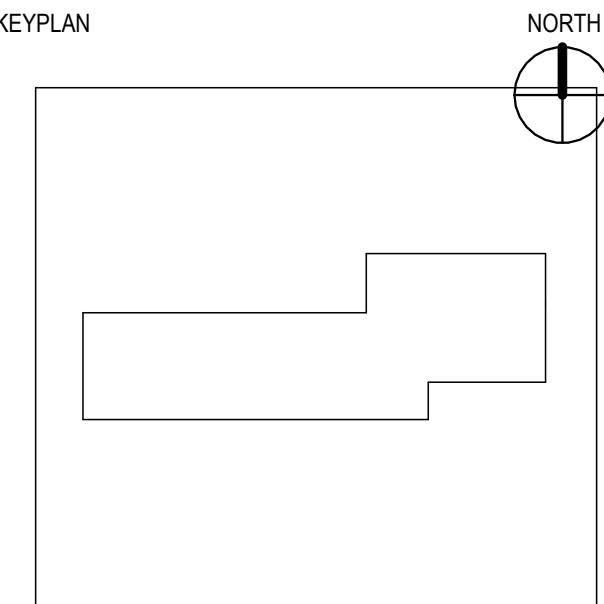
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GENERAL SHEET NOTES

A. PROJECT RENDERINGS FOR REFERENCE ONLY

SHEET TITLE  
PROJECT RENDERINGS

PROJECT NUMBER  
15412

SHEET NUMBER  
22