

U.S. COMMISSION OF FINE ARTS

ESTABLISHED BY CONGRESS 17 MAY 1910

401 F STREET NW SUITE 312 WASHINGTON DC 20001-2728 202-504-2200 FAX 202-504-2195 WWW.CFA.GOV

22 November 2024

TO: Mayor's Agent for D.C. Law 2-144, Public Law 808, and Public Law 231, for those applications also subject to D.C. Law 2-144

The accompanying application is returned by the Commission of Fine Arts with recommendation as noted:

SL 25-012

300 7th Street, SW (Square 464, Lot 26)

Washington Metropolitan Transit Authority Headquarters Building

Rooftop antennas

Concept

RECOMMENDATION: Property is under the control of the Washington Metropolitan Area Transit Authority and is not subject to review under the Shipstead-Luce Act. See Consent Calendar for 21 November 2024, case number CFA 21/NOV/24-n for recommended action.

Thomas E. Luebke, FAIA
Secretary

Board of Zoning Adjustment
District of Columbia
CASE NO.21331
EXHIBIT NO.13



Government of the
District of Columbia

APPLICATION AND REFERRAL TO THE US COMMISSION OF FINE ARTS FOR SHIPSTEAD-LUCE REVIEW

SL

HPA

In accordance with the Shipstead-Luce Act of 1930 (Public Law 231, 71st Congress) this application/transmittal is being transmitted to the US Commission of Fine Arts (CFA) for review and recommendation before a building permit can be issued. Construction in some of these areas is also subject to review by the Historic Preservation Review Board (HPRB) under the DC Historic Landmark and Historic District Protection Act of 1978. These reviews are initiated with the completion and submission of this form.

THIS IS A REQUEST FOR THE FOLLOWING REVIEW BY CFA AND HPRB, AS APPLICABLE:

☒ **CONCEPTUAL REVIEW** to receive guidance at the early stages of design

☐ **PERMIT REVIEW** to receive a recommendation on building permit application No. _____

I have submitted a permit application with the DC Department of Buildings

NO ACTION
NOT IN JURISDICTION
COMMISSION OF FINE ARTS
VL 11/22/202

1. OWNER, APPLICANT, AND PROPERTY INFORMATION

Project Address: 300 7th ST SW, WASHINGTON DC 20024

Square: 0464 Lot: 0026 Historic District: NONE

To find your square, lot and historic district, see www.propertyquest.dc.gov

Property Owner's Name: WMATA (Allen WONDER)

Owner Address (if different from project address): _____

Owner Phone: 202-962-1743 Owner Email: AJWONDER@WMATA.COM

Applicant's Name (if different from owner): Tectonic Engineering on behalf of Motorola Solutions, Inc
ATTN: GARY FERRARA

Agent's Capacity: ☐ Tenant ☐ Architect ☒ Contractor ☐ Contract Purchaser ☒ Expediter ☐ Other

Agent Address (if different from owner): 8100 Professional Place, Suite 100, Hyattsville, MD 20785

Agent Phone: 813-374-9177 Agent Email: gferrara@tectonicengineering.com

- ☐ I am currently the owner of the property
☒ I am an authorized representative of the property owner
☐ I am or represent a potential purchaser of the property

2. SUBMISSION MATERIALS FOR CFA AND HPRB

All materials must be submitted via email to historic.preservation@dc.gov.

The following digital materials are included with this application:

- ☒ Set of comprehensive exterior photographs of the building, structure, or site and its context (showing adjacent buildings, immediate surroundings, and the areas of proposed work)
☒ Site plan showing the existing footprint of the property and adjacent buildings
☒ Building plans, elevations, site plan, and details sufficient to illustrate the footprint, height, massing, design, and materials of the proposed work and its surrounding context

For more information on CFA submission requirements, see www.cfa.gov/project-review/shipstead-luce or contact CFA staff at 202-504-2200

3. PROJECT DESCRIPTION (CHECK ALL THAT APPLY)

☐ Addition ☐ Exterior Alteration ☐ New Construction ☐ Subdivision ☒ Other

Briefly describe the nature of the project: Addition of 3 omni antennas and 2 GPS
antennas with associated cabling, equipment & materials, from BZA
application (and approval) # 20799.



(over)

	YES	No	UNSURE
Is the proposed work visible from a public street or alley?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will there be work on the front of the building or in the front yard?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does the project include work in public space?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does the project include removal of roof or floor framing or bearing walls?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is this a Fair Housing Act request for "reasonable accommodation"?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

4. ADDITIONAL INFORMATION FOR LARGER PROJECTS

For renovation or new construction projects exceeding 20,000 square feet, attach a full narrative description indicating the general nature of the project, program of uses, estimated gross floor area by use, number of residential units, scope of preservation work, and any other pertinent features or benefits, including aspects of sustainability. *Homeowners proposing work on their own house do not need to provide this information.*

5. EASEMENTS

	YES	No	UNSURE
Is there a conservation easement on the property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If yes, have you discussed the project with the easement holder?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. COMMUNITY CONSULTATION

	YES	No	UNSURE
Have you shared project information with abutting neighbors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Have you contacted the affected Advisory Neighborhood Commission (ANC)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Have you contacted any neighborhood community organizations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

To locate your ANC, see www.anc.dc.gov/anc/site

7. ZONING REGULATIONS AND CONSTRUCTION CODE

	YES	No	UNSURE
Will the project cause a change in building footprint or lot occupancy?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are any zoning variances or special exceptions required for the project?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If yes, have you discussed the project with the Zoning Administrator?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If yes, have you discussed the project with the Office of Planning?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is any building code relief required for the project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Briefly describe the nature of any zoning variances or code relief being sought: Requesting
a modification to zoning approval # 20799 in order to add 3
omni antennas, 2 GPS antennas, and associated cabling, equip. & materials.

8. CERTIFICATION

I hereby certify that the information given in this application is true and accurate. If applying as an agent of the owner, I certify that I have the owner's permission to make this application.

Signature: Gary Ferrara Date: 10/8/2024

When completed, submit this form with all plans, photographs, and other attachments to the Historic Preservation Office (HPO) via email to historic.preservation@dc.gov. Upon review of this submission, CFA or HPO staff may contact the owner or agent for consultation, and may request additional information if determined necessary to review the project.

Referral to CFA and HPRB, if required, may be deferred if information is not received within sufficient time to allow staff evaluation and preparation for review. All application materials are part of the public record and are made available to the public for inspection. For more information, see www.cfa.gov or www.preservation.dc.gov.



Historic Preservation Office
 DC Office of Planning
 (202) 442-8800
historic.preservation@dc.gov

District of Columbia
 Office of Planning



GOVERNMENT OF THE DISTRICT OF COLUMBIA
BOARD OF ZONING ADJUSTMENT



NO ACTION
NOT IN JURISDICTION
COMMISSION OF FINE ARTS
VL 11/22/202

BZA Application No. 20799
Washington Metropolitan Area Transit Authority
300 7th Street, SW (Square 464, Lot 26)

HEARING DATE: October 5, 2022
DECISION DATE: October 5, 2022



SUMMARY ORDER

RELIEF REQUESTED. The application requests the following relief in order to construct seven new building-mounted antennas, on an existing, detached, commercial building in the D-5 zone:

- Special exception from the building-mounted antennas requirements of Subtitle C § 1305.1(a), pursuant to Subtitle C § 1305.2, Subtitle C § 1312, and Subtitle X § 901.2

The zoning relief requested in this case was self-certified. (Exhibit 11.)

PARTIES. The parties to this case were the Applicant and Advisory Neighborhood Commission ("ANC") 6D, the "affected ANC" pursuant to Subtitle Y §§ 101.8 and 403.5(b) of the Zoning Regulations (Title 11 of the DCMR, Zoning Regulations of 2016, to which all references are made unless otherwise specified).

NOTICE OF THE APPLICATION AND PUBLIC HEARING. The Board of Zoning Adjustment (the "Board") referred the application to the appropriate agencies and provided proper and timely notice of the public hearing in accordance with Subtitle Y § 402.1.

ANC REPORT. The ANC's report indicated that at a regularly scheduled, properly noticed public meeting on July 18, 2022, at which a quorum was present, the ANC voted to support the application. (Exhibit 19.) The ANC report raised no issues or concerns.

OFFICE OF PLANNING ("OP") REPORT. OP submitted a report recommending approval of the application. (Exhibit 26.)

DISTRICT DEPARTMENT OF TRANSPORTATION ("DDOT") REPORT. DDOT submitted a report indicating that it had no objection to the application because it concluded that the relief would not result in any adverse impacts to the District's transportation network. (Exhibit 27.)

COMMISSION OF FINE ARTS ("CFA"). The CFA submitted a letter indicating it had no objection to the application. (Exhibit 24A.)

CONCLUSIONS

Pursuant to Subtitle Y § 604.3, the order of the Board may be in summary form where granting an application when there was no party in opposition. As a summary order, it does not constitute binding legal precedent on the Board and shall not be considered by the Board in evaluating future applications.

Based upon the record before the Board, and having given great weight to the appropriate reports and recommendations filed in this case, the Board concludes that the Applicant has met the burden of proof that the requested special exception relief can be granted because:

- It is in harmony with the general purpose and intent of the Zoning Regulations and Map;
- It will not tend to affect adversely the use of neighboring property; and
- Pursuant to Subtitle X § 901.2(c), the relief satisfies the specified conditions for special exception relief.

DECISION

Based on the case record and the testimony at the hearing, the Board concludes that the applicant has satisfied the burden of proof for the requested relief and therefore **APPROVES** the following relief:

- Special exception from the building-mounted antennas requirements of Subtitle C § 1305.1(a), pursuant to Subtitle C § 1305.2, Subtitle C § 1312, and Subtitle X § 901.2

Subject to the following **CONDITION**:

1. The project shall be constructed in accordance with the plans submitted as Exhibit 4 in the record,¹ as required by Subtitle Y §§ 604.9 and 604.10.

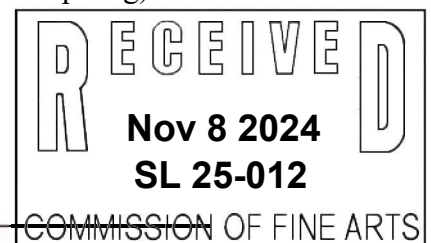
VOTE: 4-0-1 (Frederick L. Hill, Lorna L. John, Chrishaun S. Smith, and Anthony J. Hood to APPROVE; Carl H. Blake not present, not participating)

BY ORDER OF THE D.C. BOARD OF ZONING ADJUSTMENT

A majority of the Board members approved the issuance of this order.

ATTESTED BY:


SARA A. BARDIN
Director, Office of Zoning



NO ACTION
NOT IN JURISDICTION
COMMISSION OF FINE ARTS
VL 11/22/202

FINAL DATE OF ORDER: October 14, 2022

¹ Self-Certification. The zoning relief requested in this case was self-certified, pursuant to Subtitle Y § 300.6. In granting the requested self-certified relief subject to the plans submitted with the Application, the Board makes no finding that the requested relief is either necessary or sufficient to authorize the proposed construction project described in the Application and depicted on the approved plans.

PURSUANT TO 11 DCMR SUBTITLE Y § 604.11, NO ORDER OF THE BOARD SHALL TAKE EFFECT UNTIL TEN (10) DAYS AFTER IT BECOMES FINAL PURSUANT TO SUBTITLE Y § 604.7.

PURSUANT TO 11 DCMR SUBTITLE Y § 702.1, THIS ORDER SHALL NOT BE VALID FOR MORE THAN TWO YEARS AFTER IT BECOMES EFFECTIVE UNLESS, WITHIN SUCH TWO-YEAR PERIOD, THE APPLICANT FILES PLANS FOR THE PROPOSED STRUCTURE WITH THE DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS FOR THE PURPOSE OF SECURING A BUILDING PERMIT, OR THE APPLICANT FILES A REQUEST FOR A TIME EXTENSION PURSUANT TO SUBTITLE Y § 705 PRIOR TO THE EXPIRATION OF THE TWO-YEAR PERIOD AND THE REQUEST IS GRANTED. PURSUANT TO SUBTITLE Y § 703.14, NO OTHER ACTION, INCLUDING THE FILING OR GRANTING OF AN APPLICATION FOR A MODIFICATION PURSUANT TO SUBTITLE Y §§ 703 OR 704, SHALL TOLL OR EXTEND THE TIME PERIOD.

PURSUANT TO 11 DCMR SUBTITLE Y § 604, APPROVAL OF AN APPLICATION SHALL INCLUDE APPROVAL OF THE PLANS SUBMITTED WITH THE APPLICATION FOR THE CONSTRUCTION OF A BUILDING OR STRUCTURE (OR ADDITION THERETO) OR THE RENOVATION OR ALTERATION OF AN EXISTING BUILDING OR STRUCTURE. AN APPLICANT SHALL CARRY OUT THE CONSTRUCTION, RENOVATION, OR ALTERATION ONLY IN ACCORDANCE WITH THE PLANS APPROVED BY THE BOARD AS THE SAME MAY BE AMENDED AND/OR MODIFIED FROM TIME TO TIME BY THE BOARD OF ZONING ADJUSTMENT.

IN ACCORDANCE WITH THE D.C. HUMAN RIGHTS ACT OF 1977, AS AMENDED, D.C. OFFICIAL CODE § 2-1401.01 ET SEQ. (ACT), THE DISTRICT OF COLUMBIA DOES NOT DISCRIMINATE ON THE BASIS OF ACTUAL OR PERCEIVED: RACE, COLOR, RELIGION, NATIONAL ORIGIN, SEX, AGE, MARITAL STATUS, PERSONAL APPEARANCE, SEXUAL ORIENTATION, GENDER IDENTITY OR EXPRESSION, FAMILIAL STATUS, FAMILY RESPONSIBILITIES, MATRICULATION, POLITICAL AFFILIATION, GENETIC INFORMATION, DISABILITY, SOURCE OF INCOME, OR PLACE OF RESIDENCE OR BUSINESS. SEXUAL HARASSMENT IS A FORM OF SEX DISCRIMINATION WHICH IS PROHIBITED BY THE ACT. IN ADDITION, HARASSMENT BASED ON ANY OF THE ABOVE PROTECTED CATEGORIES IS PROHIBITED BY THE ACT. DISCRIMINATION IN VIOLATION OF THE ACT WILL NOT BE TOLERATED. VIOLATORS WILL BE SUBJECT TO DISCIPLINARY ACTION.



NO ACTION
NOT IN JURISDICTION
COMMISSION OF FINE ARTS
VL 11/22/202

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY



WMATA 490 MHZ RADIO EQUIPMENT RELOCATION AT L'ENFANT PLAZA

VOLUME 1: CIVIL AND SITE ZONING DRAWINGS
SITE DESIGN
COVER SHEET

CONTRACT WMATA-LTR-22-001 - JUNE 25, 2024
DEPARTMENT OF COMMUNICATIONS AND SIGNALING

DESIGN LEAD MOTOROLA SOLUTIONS 8200 PROFESSIONAL PLACE SUITE 101 HYATTSVILLE, MD 20785 (410) 913-5887	CIVIL MOTOROLA SOLUTIONS 8100 PROFESSIONAL PLACE SUITE 100 HYATTSVILLE, MD 20785 (240) 724-3420	STRUCTURAL	EQUIPMENT	PLUMBING	ELECTRICAL KOI TECHNOLOGIES, INC 11830 WEST MARKET PLACE SUITE F FULTON, MD 20759 (410) 792-8086	LEED
HAZARDOUS MATERIALS	LANDSCAPE	ARCHITECTURAL/ENGINEER KOI TECHNOLOGIES, INC 11830 WEST MARKET PLACE SUITE F FULTON, MD 20759 (410) 792-8086	FIRE PROTECTION	MECHANICAL	TELECOMMUNICATION	GEOTECHNICAL



WMATA 490MHZ RADIO EQUIPMENT RELOCATION

L'ENFANT PLAZA

300 7TH STREET SW

WASHINGTON, DC 20024



DORA

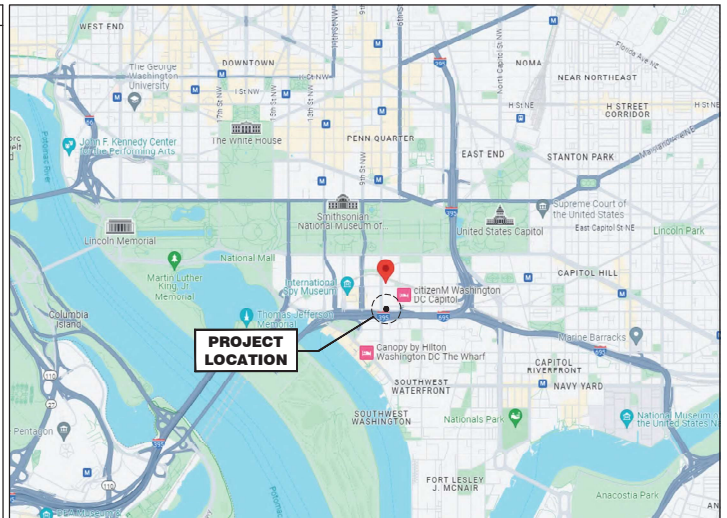


NO ACTION
NOT A REJECTION
COMMISSION OF FINE ARTS
11/11/2024

A & E CONSULTING TEAM	
ARCHITECTURE AND ENGINEERING: KCI TECHNOLOGIES, INC. 11830 WEST MARKET PLACE, SUITE F FULTON, MD 20759 NICHOLAS BARRICK (410) 792-8086	
CONSTRUCTION SERVICES: MOTOROLA SOLUTIONS, INC. 8100 PROFESSIONAL PLACE SUITE 100 HYATTSVILLE, MD 20785	
CONTACT:	FRANK MICHELINI PROGRAM DIRECTOR (240) 724-3420
TELEPHONE:	
PRIME CONTRACTOR: MOTOROLA SOLUTIONS, INC. 8100 PROFESSIONAL PLACE SUITE 100 HYATTSVILLE, MD 20785	
CONTACT:	FRANK MICHELINI PROGRAM DIRECTOR (240) 724-3420
TELEPHONE:	
OWNER: WMATA 300 7TH STREET SW WASHINGTON, DC 20024	
CONTACT:	ALLEN WONDER PROJECT MANAGER (202) 962-1743 (443) 963-4313 A.WONDER@WMATA.COM EMARK

PROJECT SUMMARY	
PROPERTY OWNER: WMATA CONTACT: ALLEN WONDER 300 7TH STREET SW WASHINGTON, DC 20024	
PROJECT INFO: SITE NAME: L'ENFANT PLAZA LOCATION NAME: L'ENFANT PLAZA	
APPLICANT INFORMATION: MOTOROLA SOLUTIONS, INC. 8100 PROFESSIONAL PLACE SUITE 100 HYATTSVILLE, MD 20785	
CONTACT:	FRANK MICHELINI PROGRAM DIRECTOR (240) 724-3420
TELEPHONE:	
PROJECT DATA: ZONING: D-5 TAX MAP: #0026 PARCEL ID: 04440026 LAND AREA: 42,140 S.F. JURISDICTION: WASHINGTON DC WARD 6 SITE TYPE: COMMERCIAL - OFFICE (LARGE)	
GEOGRAPHIC COORDINATES: LATITUDE: 38° 53' 6.45" LONGITUDE: -77° 1' 17.85"	
ADA COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. SITE WILL NOT BE SERVED BY CITY SEWER OR WATER.	

INDEX OF DRAWINGS	
SHEET NUMBER	SHEET TITLE
G0000	COVER SHEET
GENERAL	
G0001	GENERAL INFORMATION
G0002	GENERAL NOTES
G0003	GENERAL NOTES
CIVIL	
C0001	OVERALL PARCEL PLAN
C0101	A-1 FLOOR PLAN
C0102	1ST FLOOR PLAN
C0103	2ND-6TH FLOOR PLANS
C0104	7TH-8TH FLOOR PLANS
C0105	9TH FLOOR PLAN
C0106	10TH-11TH FLOOR PLANS
C0107	PENTHOUSE FLOOR PLAN
C0108	EQUIPMENT ROOM PLANS
C0201	ELEVATION PLAN
C0202	ELEVATION PLAN
C0203	ROOF PLAN/ANTENNA LAYOUT
C0501	CONSTRUCTION DETAILS
C0502	COAX & CONDUIT DETAILS
ANTENNA	
A0101	RF COMPONENT PLAN
A0201	ANTENNA DETAILS
HISTORIC	
H0001	VISIBILITY PLAN
H0002	SETBACK PLAN
H0003	ANTENNA PHOTOS



DESIGNED BY:	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	TITLE	NO.	DATE
DRAWN BY:	DATE				
CHECKED BY:	DATE				
APPROVED BY:	DATE				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	
DEPARTMENT OF COMMUNICATIONS AND SIGNALING	
APPROVED: JOHN C. HOFBAUER ENGINEER OF RECORD	DATE:
APPROVED: ALLEN WONDER PROJECT MANAGER	DATE:

WMATA 490MHZ METRO RADIO EQUIPMENT RELOCATION L'ENFANT PLAZA 300 7TH STREET SW WASHINGTON, DC 20024				SHEET # G0001
M. NO. FQ	CONTRACT NO. WMATA-LTR-22-001	SCALE: AS NOTED	KCJ JOB NUMBER: 182407958 WMATA JOB NUMBER: WM705.AG.RF.095.G0001	SHEET TITLE GENERAL INFORMATION
				2 OF 23

3 OF 23

SECTION 01000 - GENERAL REQUIREMENTS (CONTINUED)

1.15 TEST PROCEDURES AND RESULTS

CONTRACTOR WILL CONTRACT WITH A THIRD PARTY *INDEPENDENT* TESTING FIRM TO PERFORM AND SUBMIT THE RESULTS OF ALL TESTS REQUIRED BY THE PROJECT SPECIFICATIONS AND DRAWINGS THAT FALL WITHIN THE SCOPE OF WORK. THESE RESULTS SHALL BE SUBMITTED TO THE DESIGNATED MOTOROLA REPRESENTATIVE. IN GENERAL, THE *INDEPENDENT* TESTING FIRM SHALL SUBMIT TEST RESULTS: AS INDICATED IN THE MATERIALS SPECIFICATIONS.

1.16 SITE COMPLETION

SITE COMPLETION IS ACHIEVED ONCE SITE TESTING HAS BEEN SUCCESSFULLY COMPLETED, SIGNED OFF, AND ALL COMPLETION CRITERIA HAS BEEN MET. COMPLETION CRITERIA WILL BE AS DEFINED IN THE CIVIL SPECIFICATIONS AND/OR AS MODIFIED FOR THE PROJECT

SECTION 03300 - CAST-IN-PLACE CONCRETE

5.1 CONCRETE CONSTRUCTION SHALL COMPLY WITH PROVISIONS OF THE FOLLOWING CODES, SPECIFICATIONS, AND STANDARDS: AMERICAN CONCRETE INSTITUTE (ACI) 301-10, SPECIFICATIONS FOR STRUCTURAL CONCRETE; ACI 318-11, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".

5.2 CONCRETE SHALL BE NORMAL WEIGHT, 6% PLUS OR MINUS 1.5% AIR ENTRAINED AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI UNLESS OTHERWISE NOTED.

5.3 CONCRETE MIX DESIGN SHALL CONFORM TO WMATA STANDARD SPECIFICATIONS. CONCRETE MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

PORTLAND CEMENT	ASTM C 150, TYPE I
FLY ASH	ASTM C 618, CLASS F (NOT TO EXCEED 15% OF CEMENT BY WEIGHT)
NORMAL WEIGHT AGGREGATES	ASTM C 33
WATER	POTABLE
AIR-ENTRAINING ADMIXTURE	ASTM C 260
WATER-REDUCING ADMIXTURES	ASTM C 494, TYPE A
RETARDING ADMIXTURE	ASTM C 494, TYPE B
WATER-REDUCING AND RETARDING ADMIXTURES	ASTM C 494, TYPE D
ACCELERATING ADMIXTURE	ASTM C 494, TYPE E
HIGH-RANGE, WATER-REDUCING ADMIXTURES	ASTM C 494, TYPE F
HIGH-RANGE, WATER-REDUCING AND RETARDING ADMIXTURES	ASTM C 494, TYPE G

5.4 CONCRETE SLUMP SHALL BE 2-1/2" PLUS-OR-MINUS 1/2", WITH MAXIMUM WATER/CEMENT RATIO OF 0.45. AMBIENT TEMPERATURE SHALL BE IN ACCORDANCE WITH ACI 318, 305R AND 306R.

5.5 REINFORCING STEEL SHALL BE DEFORMED BARS IN ACCORDANCE WITH ASTM A 615, GRADE 60. REINFORCING MARKED CONTINUOUS SHALL BE LAPPED 36" X BAR DIAMETER.

5.6 WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. LAP ONE FULL MESH SPACING PLUS TWO INCHES AND TIE SUPPORT ON METAL CHAIRS OR BOLSTERS.

5.7 VAPOR RETARDER SHALL BE POLYETHYLENE SHEET NOT LESS THAN 10 MILS THICK AND CONFORM WITH ASTM D4397.

5.8 MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE IN ACCORDANCE WITH ACI 318 UNLESS OTHERWISE INDICATED.

5.9 ALL COLD WEATHER CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 306R, "COLD WEATHER CONCRETING."

5.10 ALL HOT WEATHER CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 305R, "HOT WEATHER CONCRETING."

5.11 CURING COMPOUND SHALL COMPLY WITH ASTM C 309, TYPE I, CLASS B.

5.12 ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED 3/4" OR AS INDICATED.

5.13 MAXIMUM EQUIVALENT ALKALIS IN CEMENT SHALL NOT EXCEED 0.6 PERCENT.

5.14 JOINT FILLER SHALL BE ASTM D175, ASPHALT SATURATED CELLULOSIC FIBER.

ELECTRICAL GENERAL NOTES

1. THESE DRAWINGS ARE BASED ON INFORMATION FROM EXISTING RECORD DRAWINGS SETS PROVIDED BY THE BUILDING OWNER AND WHERE POSSIBLE, OBSERVATIONS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE INFORMATION CONTAINED ON THESE DRAWINGS WITH REGARD TO EXISTING CONDITIONS OF CONSTRUCTION IN NO WAY RELEASE THE CONTRACTOR FROM THE RESPONSIBILITY FOR VERIFYING COMPLETELY ALL FIELD CONDITIONS RELATING AND AFFECTING THE EXECUTION OF WORK DESCRIBED IN THE CONTRACT DOCUMENTS.

2. PROVIDE, ERECT, AND MAINTAIN LIGHTS, BARRIERS, WARNING SIGNS, AND OTHER ITEMS REQUIRED FOR PROPER PROTECTION OF THE PUBLIC, WORKMEN, AND ADJACENT CONSTRUCTION. MAINTAIN EXIT CORRIDORS AND MEAN OF EGRESS FREE AND CLEAR (TO HANDLE EMERGENCIES). MAINTAIN FIRE SUPPRESSION, FIRE DETECTION ALARMS AND OTHER LIFE SAFETY SYSTEMS OPERATIONAL. OBTAIN WRITTEN PERMISSION FROM THE BUILDING MANAGER TO INTERRUPT SERVICE.

3. PROVIDE DUST PARTITIONS, BARRICADES, AND SIGNAGE TO CONTROL DUST MIGRATION AND PEDESTRIAN TRAFFIC WHERE APPLICABLE.

4. ALL DIMENSIONS TAKEN FROM OR TO EXISTING WALLS ARE FROM FACE OF FINISH, INDICATED AS (±). THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS (±) AND CONDITIONS PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND CONTRACT DRAWINGS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

5. DIMENSIONS INDICATED ARE TO FACE OF EQUIPMENT, FACE OF MASONRY, FACE OF CONCRETE OR FACE OF EXISTING SURFACES UNLESS OTHERWISE NOTED.

6. UNLESS OTHERWISE NOTED, ALL NOTES, DETAILS AND FEATURES DRAWN AS APPLICABLE FOR ONE CONDITION, SHALL BE APPLICABLE TO SIMILAR CONDITIONS WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED.

7. ALL CONCEALED WOOD INCLUDING, BUT NOT LIMITED TO: WOOD BLOCKING, NAILERS, SLEEPERS, CANTS, AND PLYWOOD ETC. SHALL BE FIRE-RETARDANT TREATED WOOD, UNLESS OTHERWISE NOTED.

8. ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' SPECIFICATIONS. IF MANUFACTURERS' SPECIFICATIONS CONFLICT WITH CONTRACT DRAWINGS OR SPECIFICATIONS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.

9. CUTTING, PATCHING, AND PENETRATIONS

A. PROVIDE CUTTING AND PATCHING REQUIRED FOR SYSTEMS INSTALLATION.

B. WHERE CUTTING OF FINISHES IS REQUIRED TO PERFORM THE WORK, PATCH THE SURFACES AND FINISH TO MATCH ADJACENT EXISTING SURFACES.

C. CONCRETE WALLS AND/OR SLABS SHALL BE SCANNED AND REINFORCING BARS LOCATED PRIOR TO ANY CONCRETE CORING. NO EXISTING REINFORCING IN CONCRETE OR MASONRY SHALL BE DAMAGED OR CUT.

D. HOLES, PENETRATIONS AND OTHER OPENINGS, INCLUDING AROUND MECHANICAL AND ELECTRICAL SYSTEM, CAUSED BY DEMOLITION OR NEW CONSTRUCTION SHALL BE REPAIRED AS FOLLOWS:

(a) WALLS (OTHER THAN FIRE RATED): ALL WALLS THAT ARE BEING PENETRATED SHALL BE CONSIDERED FIRE RATED. REFER TO 9.C.(c).

(b) FLOOR AND CEILING SLABS: SHALL BE SEALED, OR FILLED ENTIRELY WITH AN APPROVED U.L. LISTED FIRESTOPPING SYSTEM/ASSEMBLY. MINIMUM SLEEVE SIZE SHALL BE 1". CONTRACTOR SHALL USE EXISTING PENETRATIONS/PATHS WHERE AVAILABLE AND SEAL THE CONDUIT/SLEEVE WITH AN APPROVED U.L. LISTED FIRESTOPPING SYSTEM/ASSEMBLY.

(c) FIRE RATED WALLS AND FLOORS: SHALL BE SEALED, OR FILLED ENTIRELY WITH AN APPROVED U.L. LISTED FIRESTOPPING SYSTEM/ASSEMBLY. MINIMUM SLEEVE SIZE SHALL BE 1".

10. INSTALLATION OF NEW WORK MAY REQUIRE THE REMOVAL OF PORTIONS OF THE EXISTING CEILINGS AND PROVIDING TEMPORARY SUPPORT FOR LIGHT FIXTURES, SMOKE DETECTORS, ALARM, EXIST LIGHTS, AND OTHER COMPONENTS. AFTER COMPLETION WORK, INSTALL AND FINISH THE CEILINGS.

11. WORK FOR BUILDING SYSTEMS WHICH OCCURS OUTSIDE OF THE CONTRACT AREA SHALL BE CONDUCTED IN A MANNER SO AS TO LIMIT DISRUPTION TO BUILDING OCCUPANTS. WORK SHALL NOT DAMAGE EXISTING TO REMAIN FINISHES. CONTRACTOR SHALL OBTAIN PERMISSION FROM THE BUILDING MANAGER PRIOR TO COMMENCING ANY WORK OUTSIDE OF CONTRACT AREA.

12. CONDUCTOR INSULATION SHALL BE LOW SMOKE, ZERO HALOGEN (LSZH) TYPE RHW-2 OR XHHW-2 MINIMUM.

13. INFORMATION OBTAINED FROM SITE WALKS CONDUCTED BY THE A&E FIRM.

14. ALL GROUND WIRES SHALL BE ANCHORED EVERY 3 FEET MAXIMUM USING APPROVED 1/4" STAINLESS STEEL DROP-IN ANCHORS FOR SOLID CONCRETE WALL OR 1/4" CAULK-IN ANCHORS FOR HOLLOW BLOCK WALL AND SECURED WITH APPROVED TY-RAP MOUNT AND TY-RAP FASTENER. MAINTAIN MINIMUM 2 INCHES OF SEPARATION FROM DIFFERENT TYPES OF CONDUCTORS.

EQUIPMENT ROOM SIGNAGE

AT A MINIMUM, SITES WHICH ARE NOT CONTINUOUSLY SUPERVISED SHALL POST THE FOLLOWING:

1. AUTHORIZED PERSONNEL ONLY - NO TRESPASSING

MANDATORY LEGAL REQUIREMENTS EXIST IN WHICH SIGNAGE MUST BE CONSPICUOUSLY POSTED TO WARN AGAINST UNAUTHORIZED ACCESS TO THE SITE. APPROPRIATE SIGNAGE SHALL BE POSTED DURING ALL PHASES OF SITE PLANNING, CONSTRUCTION, AND OPERATION.

2. RESPONSIBLE ENTITY IDENTIFICATION

A. THE SITE SHALL HAVE CONSPICUOUS SIGNAGE IDENTIFYING THE SITE OPERATING ENTITY AND PROVIDING APPROPRIATE CONTACT INFORMATION.

B. PERMIT OR LICENSING INFORMATION (AS ASSIGNED BY THE FEDERAL COMMUNICATIONS COMMISSION OR OTHER EQUIVALENT) SHALL ALSO BE INCLUDED.

3. BATTERY AREA SIGNAGE

A. NFPA SIGNS ADVISING THE FIRE DEPARTMENT OF BATTERY ELECTROLYTE REACTIVITY WITH WATER SHALL BE POSTED.

B. APPROPRIATE SIGNAGE SHALL BE PRESENT ON DOORS LEADING TO BATTERY ROOMS AND WITHIN THE ROOM ITSELF, NOTIFYING PERSONNEL OF EXPLOSION, CHEMICAL, AND ELECTRICAL HAZARDS WITHIN THE AREA.

C. "NO SMOKING" SIGNS SHALL BE PROMINENTLY DISPLAYED IN THE BATTERY ROOM AND ON THE EXTERIOR OF THE BATTERY ROOM ENTRY DOOR. SMOKING, AND ANY OTHER SPARK-PRODUCING MATERIALS OR ACTIVITIES, SHALL BE STRICTLY PROHIBITED IN THIS AREA.

SIGNAGE MUST BE PROVIDED AT ROOM ENTRANCE DOOR AND ROOF ENTRANCE DOOR PER R-54 1.1.5. ALL SIGNAGE MUST BE IN ACCORDANCE WITH NATIONAL, STATE, AND JURISDICTIONAL /LOCAL REGULATIONS.

DORA



NO ACTION
NOT IN PRODUCTION
COMMISSION OF FINE ARTS
10/10/2022

ABBREVIATIONS

AGL	ABOVE GROUND LEVEL
AHJ	AUTHORITY HAVING JURISDICTION
AWG	AMERICAN WIRE GAUGE
A	ALARM
COAX	COAXIAL CABLE
COMAR	CODE OF MARYLAND REGULATIONS
COMM	COMMUNICATIONS
CONC	CONCRETE
D	DEEP
DIA	DIAMETER
EOB	EXTERIOR GROUND BAR
GALV	GALVANIZED
HVAC	HEATING VENTILATION AIR CONDITIONING
LP	LIQUEFIED PETROLEUM
MAX	MAXIMUM
MSB	MASTER GROUND BAR
MIN	MINIMUM
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NO.	NUMBER
NUM.	NUMBER
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PVC	POLYVINYL CHLORIDE
RX	RECEIVE
SCH	SCHEDULE
T	TALL
TDR	TIME DOMAIN REFLECTOMETRY
TGB	TOWER GROUND BAR
TTA	TOWER TOP AMPLIFIER
TX	TRANSMIT
TYP	TYPICAL
U/G	UNDERGROUND
UE	UNDERGROUND ELECTRIC
UL	UNDERWRITERS LABORATORIES
UV	ULTRA VIOLET
W/	WITH
W	WIDE
WMATA	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

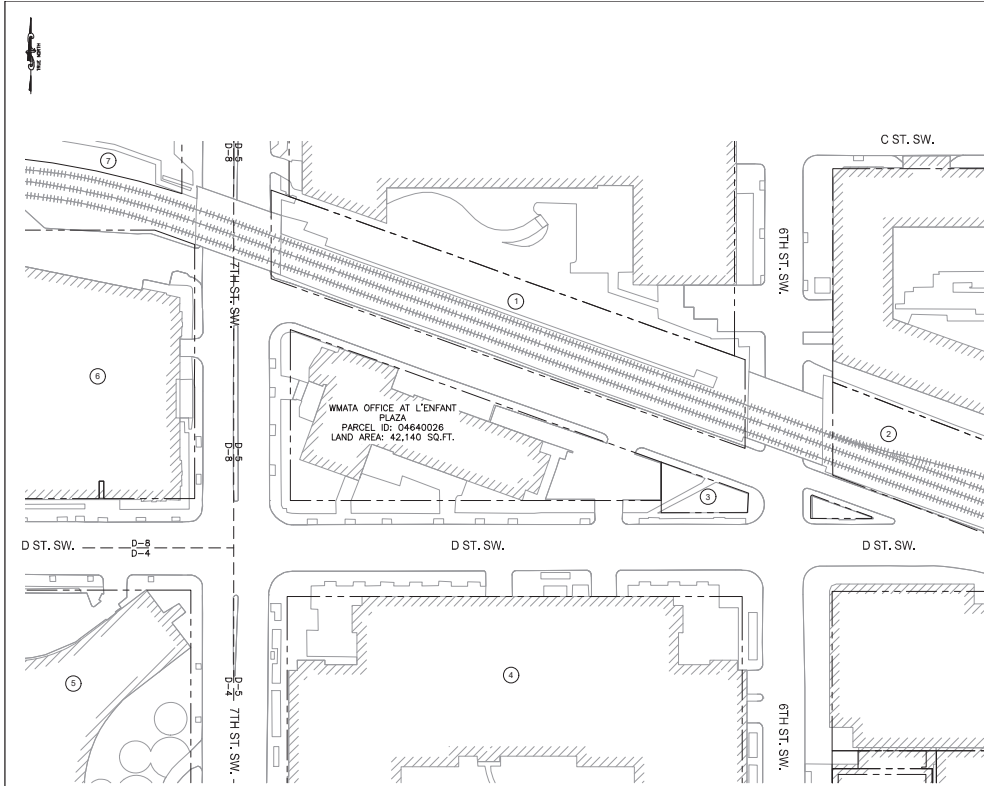


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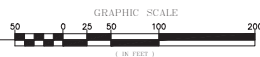


MOTOROLA SOLUTIONS

DESIGNED BY: JW 9/23/24	NUMBER	REFERENCE DRAWINGS	NO.	DATE	REVISIONS	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY DEPARTMENT OF COMMUNICATIONS AND SIGNALING		WMATA 400MHz METRO RADIO EQUIPMENT RELOCATION L'ENFANT PLAZA 300 7TH STREET SW WASHINGTON, DC 20024			SHEET # G0003 SHEET TITLE GENERAL NOTES			
DRAWN BY: JW 9/23/24														
CHECKED BY: GT 9/23/24														
APPROVED BY: GT 9/23/24														
DATE						APPROVED JOHN C. HOFBAUER ENGINEER OF RECORD	DATE	APPROVED ALLEN WUNDER PROJECT MANAGER	DATE	M NO. FQ	CONTRACT NO. WMATA-LTR-22-001	SCALE: AS NOTED	KCI JOB NUMBER: 1804007958 WMATA JOB NUMBER: WM705AGLRF-098.G0001	4 OF 23



PARCEL - ZONING PLAN
SCALE: 1"=50'



SITE NOTES

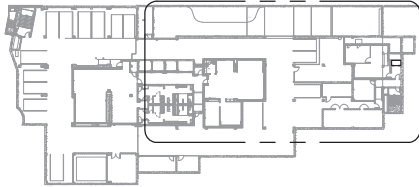
1. APPLICANT/OWNER: WMATA
CONTACT: ALLEN WONDER
300 7TH STREET SW
WASHINGTON, DC 20024
2. SITE DATA:
PARCEL #: 0464 0026
WATER DESIGNATION: CITY
SEWER DESIGNATION: CITY
ELECTION DISTRICT: 01
SITE AREA: 1.06 AC.
SITE ADDRESS: 300 7TH STREET SW
WASHINGTON, DC 20024
3. EXISTING USE: COMMERCIAL OFFICE BUILDING/TELECOMMUNICATION FACILITY
PROPOSED USE: COMMERCIAL OFFICE BUILDING/TELECOMMUNICATION FACILITY
4. ZONING OF SITE IS D-5 (DOWNTOWN)

- 1 CONSOLIDATED RAIL CORPORATION
500 WATER ST.
JACKSONVILLE, FL 32202
TAX LOT: 04635 0805
ZONING: D-5
0.91 AC
- 2 CONSOLIDATED RAIL CORPORATION
500 WATER ST.
JACKSONVILLE, FL 32202
TAX LOT: 04635 0804
ZONING: D-5
1.15 AC
- 3 UNITED STATES OF AMERICA
NATIONAL PARKS
TAX LOT: RES 01150000
ZONING: D-4
0.09 AC
- 4 CC OWNER LLC
800 13TH ST. NW STE. 700
WASHINGTON, DC 20005
TAX LOT: 0465 0096
ZONING: D-5
5.41 AC
- 5 UNITED STATES OF AMERICA
TAX LOT: 0435 0060
ZONING: D-4
0.55 AC
- 6 UNITED STATES OF AMERICA
TAX LOT: 0434 0812
ZONING: D-8
1.54 AC
- 7 WMATA
TAX LOT: RES 01130000
ZONING: D-8
2.82 AC

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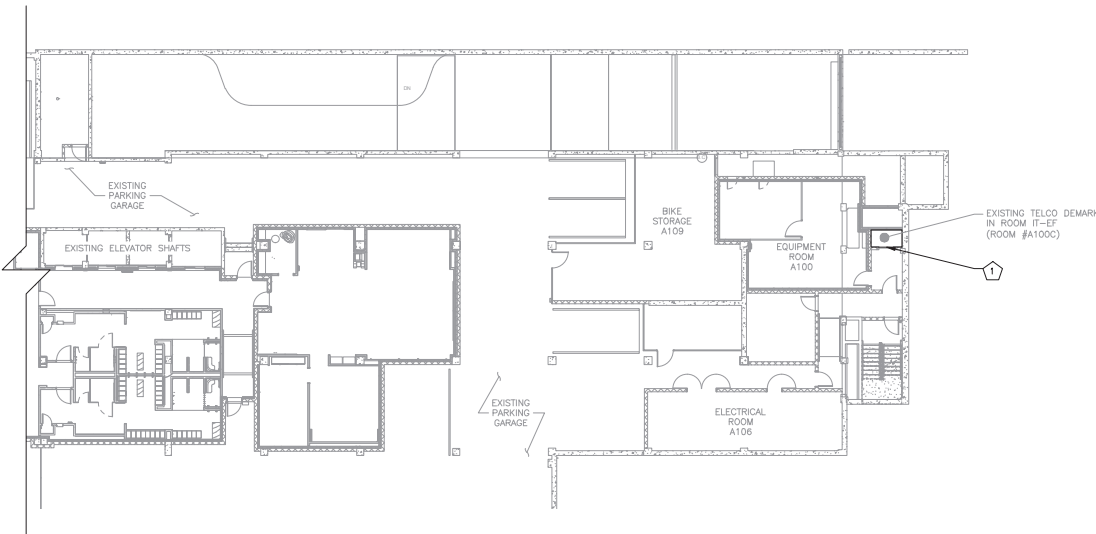


		REFERENCE DRAWINGS		REVISIONS		 <div>WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY</div> <div>DEPARTMENT OF COMMUNICATIONS AND SIGNALING</div>	WMATA 400MHz METRO RADIO EQUIPMENT RELOCATION L'ENFANT PLAZA 300 7TH STREET SW WASHINGTON, DC 20024				SHEET # C0001	
DESIGNED BY:	JW 9/3/24	NUMBER	TITLE	NO.	DATE		DESCRIPTION					
DRAWN BY:	JW 9/3/24			0	9/17/24		ZONING DRAWINGS SUBMISSION					
CHECKED BY:	GT 9/3/24											
APPROVED BY:	GT 9/3/24											
DATE												
APPROVED: JOHN C. HOFBAUER ENGINEER OF RECORD		DATE		APPROVED: ALLEN WONDER PROJECT MANAGER		DATE		M NO.	CONTRACT NO.	SCALE:	KCI JOB NUMBER: 1924027958 WMATA JOB NUMBER: WM705.AG.NF.095.00001	5 OF 23
								FO	WMATA-LTR-22-001	AS NOTED		

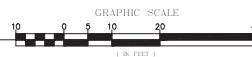


A1 FLOOR - KEY PLAN

NOTE:
CONTRACTOR TO FIELD VERIFY PRIOR TO
CORE DRILLS THAT THE PROPOSED ROUTE
IS UN OBSTRUCTED PRIOR TO DRILLING.



A1 FLOOR PLAN - ROUTING PLAN
SCALE: 1"=10'



GENERAL NOTES

1. THE LOCATION, SIZE & TYPE OF MATERIAL OF EXISTING UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING THE SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS & SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION & ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES & THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION.
2. ALL NEW CONSTRUCTION ACTIVITIES & MODIFICATIONS SHALL COMPLY WITH MOTOROLA R-56 STANDARDS, (2005).
3. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITY OF LOCATING ANY UTILITIES (PUBLIC OR PRIVATE) THAT MAY EXIST AND CROSS THROUGH THE AREA OF CONSTRUCTION THAT ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING, AT HIS EXPENSE, ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION. SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH OSHA AND WMATA REQUIREMENTS.
5. THE CONTRACTOR IS RESPONSIBLE FOR SITE LAYOUT AND CONSTRUCTION STAGING. LOCATION OF EXISTING STRUCTURES AND UTILITIES MUST BE CONFIRMED BY THE CONTRACTOR.
6. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES OR ORDINANCES.
7. THE INDICATED DIRECTION OF NORTH SHALL BE VERIFIED IN THE FIELD.
8. FOR SIGNAGE IN EQUIPMENT ROOM, REFER TO SIGNAGE NOTES, SHEET 00003.

NOTES -- NEW WORK

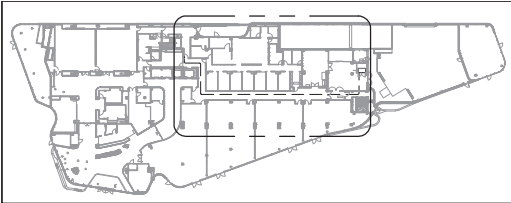
- GENERAL: EQUIPMENT AND DEVICES SHOWN IN LIGHT LINE WEIGHT ARE EXISTING TO REMAIN. EQUIPMENT AND DEVICES SHOWN IN DARK LINE WEIGHT ARE NEW, UNLESS OTHERWISE NOTED.
1. PROPOSED (2) CORE DRILL FOR (2) 2" CONDUIT, FROM FLOOR A-1 TO 7TH FLOOR. REFER TO DETAIL SHEET C0501.



DESIGNED BY: JW 9/1/24	REFERENCE DRAWINGS		REVISIONS	
	NUMBER	TITLE	NO.	DATE
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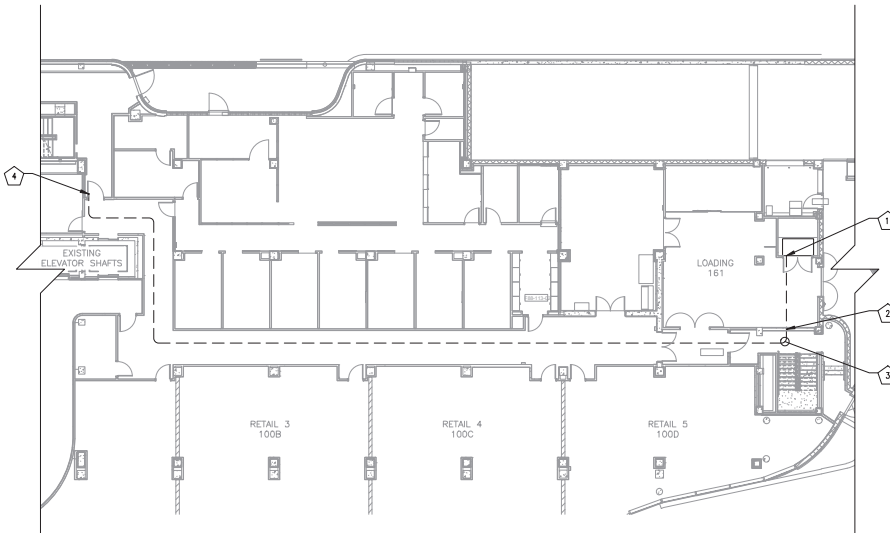
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY			
DEPARTMENT OF COMMUNICATIONS AND SIGNALING			
APPROVED: JOHN C. HOFBAUER ENGINEER OF RECORD	DATE	APPROVED: ALLEN WENDER PROJECT MANAGER	DATE

WMATA 400MHz METRO RADIO EQUIPMENT RELOCATION L'ENFANT PLAZA 300 7TH STREET SW WASHINGTON, DC 20024			
M NO. FQ	CONTRACT NO. WMATA-LTR-22-001	SCALE: AS NOTED	KCI JOB NUMBER: 182407958 WMATA JOB NUMBER: WM705AGJRF.098.00001
SHEET # C0101 SHEET TITLE A-1 FLOOR PLAN			6 OF 23

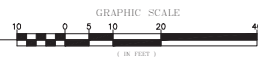


1ST FLOOR - KEY PLAN

NOTE:
CONTRACTOR TO FIELD VERIFY PRIOR TO
CORE DRILLS THAT THE PROPOSED ROUTE
IS UN OBSTRUCTED PRIOR TO DRILLING.



1ST FLOOR - ROUTING PLAN
SCALE: 1"=10'



DORA



NOTES - NEW WORK

GENERAL: EQUIPMENT AND DEVICES SHOWN IN LIGHT LINE WEIGHT ARE EXISTING TO REMAIN. EQUIPMENT AND DEVICES SHOWN IN DARK LINE WEIGHT ARE NEW, UNLESS OTHERWISE NOTED.

- 1 PROPOSED CORE DRILLS FOR (2) 2" CONDUIT, FROM FLOOR A-1 TO 7TH FLOOR. REFER TO DETAIL SHEET C0501.
- 2 PROPOSED CORE DRILLS THROUGH WALL TO HALLWAY. REFER TO SHEET C0501 FOR DETAIL.
- 3 (2) 2" PROPOSED EMT CONDUIT CONDUIT TO BE ROUTED IN DROP DOWN DOWN EXISTING HALLWAY.
- 4 PROPOSED CORE DRILLS FOR (2) 2" CONDUIT, FROM 1ST FLOOR TO 7TH FLOOR. REFER TO DETAIL SHEET C0501.



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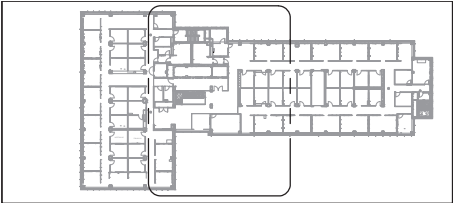


MOTOROLA SOLUTIONS

	REFERENCE DRAWINGS		REVISIONS	
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CHECKED BY: GT				
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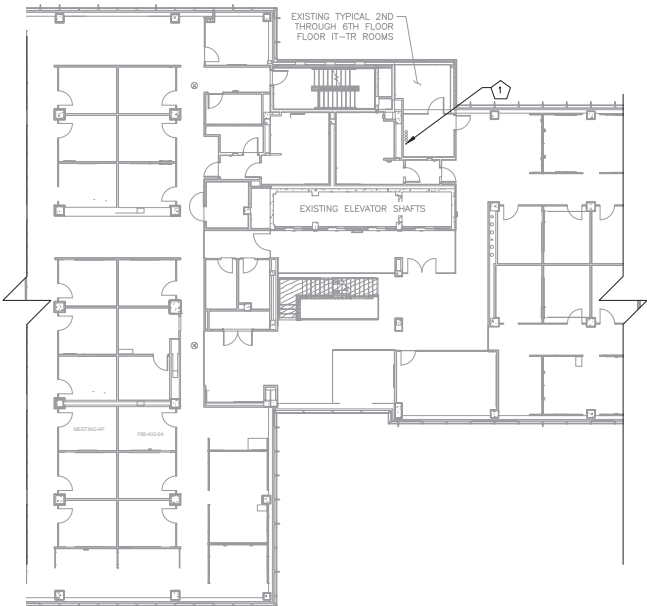
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	
DEPARTMENT OF COMMUNICATIONS AND SIGNALING	
APPROVED: JOHN C. HOFBAUER ENGINEER OF RECORD	DATE
APPROVED: ALLEN WENDER PROJECT MANAGER	DATE

WMATA 400MHz METRO RADIO EQUIPMENT RELOCATION L'ENFANT PLAZA 300 7TH STREET SW WASHINGTON, DC 20024			
M NO. FQ	CONTRACT NO. WMATA-LTR-22-001	SCALE: AS NOTED	KCI JOB NUMBER: 1824027658 WMATA JOB NUMBER: WM705AGJRF-09B-00001
			SHEET # C0102 SHEET TITLE 1ST FLOOR PLAN
			7 OF 23

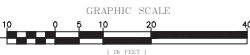


2ND-6TH FLOOR - KEY PLAN

NOTE:
CONTRACTOR TO FIELD VERIFY PRIOR TO
CORE DRILLS THAT THE PROPOSED ROUTE
IS UN OBSTRUCTED PRIOR TO DRILLING.



2ND-6TH FLOOR - ROUTING PLAN (TYPICAL)
SCALE: 1"=10'



DORA

RECEIVED

Nov 8 2024

SL 25-012

COMMISSION OF FINE ARTS

NO ACTION
NOTED BY ARCHITECTURE
COMMISSION OF FINE ARTS
ON 11/08/2024

NOTES - NEW WORK

GENERAL: EQUIPMENT AND DEVICES SHOWN IN LIGHT LINE WEIGHT ARE EXISTING TO REMAIN. EQUIPMENT AND DEVICES SHOWN IN DARK LINE WEIGHT ARE NEW, UNLESS OTHERWISE NOTED.

1 PROPOSED CORE DRILLS FOR (2) 2" CONDUIT, FROM 1ST FLOOR TO 7TH FLOOR. REFER TO DETAIL SHEET C0501.



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MOTOROLA SOLUTIONS

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		NUMBER	TITLE	NO.	DATE
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JW	9/3/24				
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GT	9/3/24				
APPROVED BY:	DATE				
GT	9/3/24				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

DEPARTMENT OF COMMUNICATIONS AND SIGNALING

APPROVED:

JOHN C. HOFBAUER

ENGINEER OF RECORD

DATE

APPROVED:

ALLEN WUNDER

PROJECT MANAGER

DATE

WMATA 400MHz METRO RADIO EQUIPMENT RELOCATION

L'ENFANT PLAZA

300 7TH STREET SW

WASHINGTON, DC 20024

SHEET #

C0103

SHEET TITLE

2ND-6TH FLOOR PLAN

M NO.

CONTRACT NO.

SCALE:

KCI JOB NUMBER:

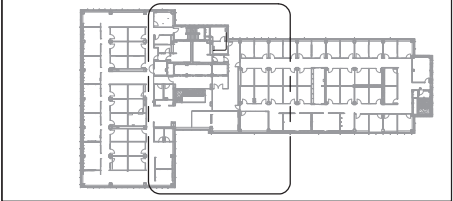
FQ

WMATA-LTR-22-001

AS NOTED

1824027958

8 OF 23



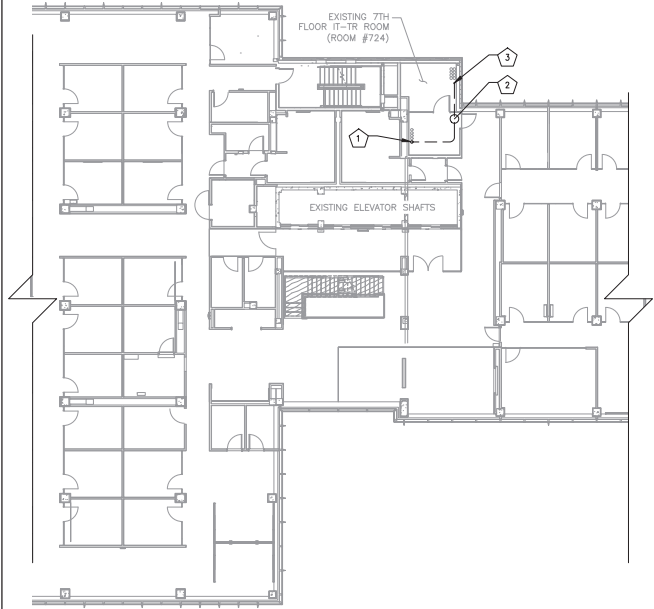
7TH-8TH FLOOR - KEY PLAN

NOTE:
CONTRACTOR TO FIELD VERIFY PRIOR TO
CORE DRILLS THAT THE PROPOSED ROUTE
IS UN OBSTRUCTED PRIOR TO DRILLING.

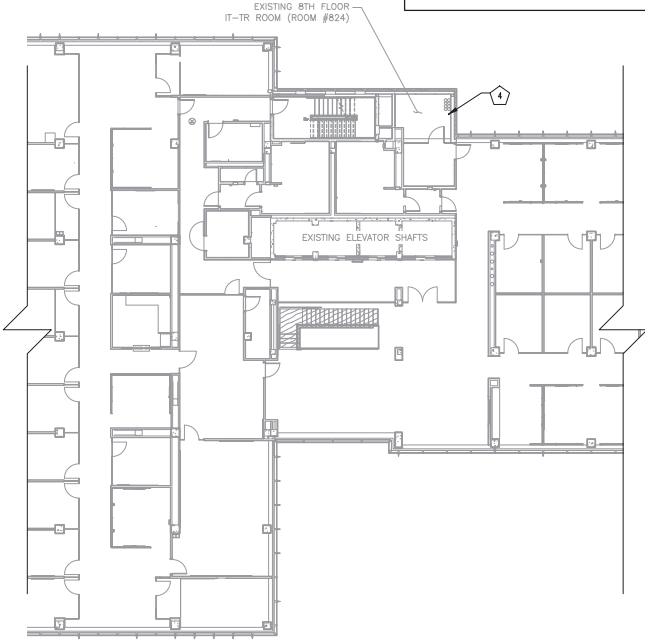
- NOTES - NEW WORK**
- GENERAL: EQUIPMENT AND DEVICES SHOWN IN LIGHT LINE WEIGHT ARE EXISTING TO REMAIN. EQUIPMENT AND DEVICES SHOWN IN DARK LINE WEIGHT ARE NEW, UNLESS OTHERWISE NOTED.
- 1 PROPOSED CORE DRILLS FOR (2) 2" CONDUIT. FROM 1ST FLOOR TO 7TH FLOOR. REFER TO DETAIL SHEET C0501.
 - 2 2" PROPOSED EMT CONDUIT CONDUIT TO BE ROUTED ALONG WALL IN CABLE TRAY FROM CORE DRILL LOCATIONS.
 - 3 PROPOSED CORE DRILLS FOR (2) 2" CONDUIT. FROM 7TH FLOOR TO 8TH FLOOR. REFER TO DETAIL SHEET C0501.
 - 4 PROPOSED CORE DRILLS FOR (2) 2" CONDUIT. FROM 7TH FLOOR TO 9TH FLOOR. REFER TO DETAIL SHEET C0501.



DORA



7TH FLOOR - ROUTING PLAN
SCALE: 1"=10'



8TH FLOOR - ROUTING PLAN
SCALE: 1"=10'

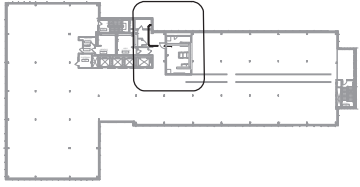


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JW	9/3/24				
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GT	9/3/24				
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GT	9/3/24				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
DEPARTMENT OF COMMUNICATIONS AND SIGNALING

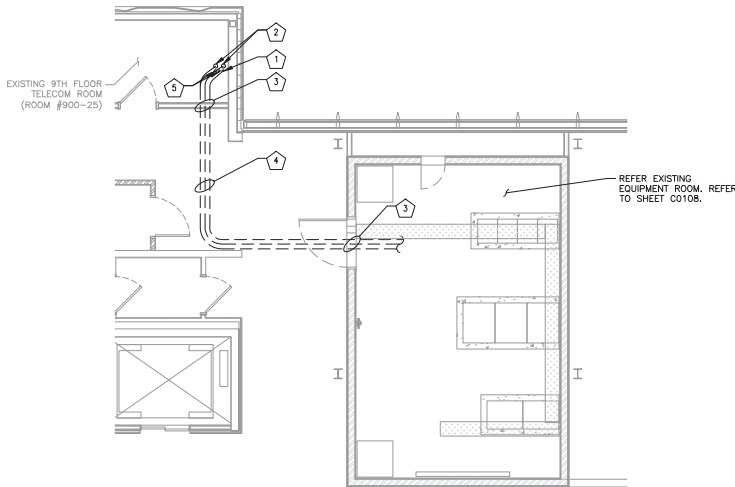
APPROVED: JOHN C. HOFBAUER, ENGINEER OF RECORD
DATE: _____
APPROVED: ALLEN WINDER, PROJECT MANAGER
DATE: _____

WMATA 400MHz METRO RADIO EQUIPMENT RELOCATION L'ENFANT PLAZA 300 7TH STREET SW WASHINGTON, DC 20024				SHEET # C0104 SHEET TITLE 7TH-8TH FLOOR PLAN
M NO. FQ	CONTRACT NO. WMATA-LTR-22-001	SCALE: AS NOTED	KCJ JOB NUMBER: 182400795B WMATA JOB NUMBER: WM705AG.NF.09B.00001	9 OF 23



9TH FLOOR - KEY PLAN

NOTE:
CONTRACTOR TO FIELD VERIFY PRIOR TO
CORE DRILLS THAT THE PROPOSED ROUTE
IS UN OBSTRUCTED PRIOR TO DRILLING.



NOTES - NEW WORK

- GENERAL: EQUIPMENT AND DEVICES SHOWN IN LIGHT LINE WEIGHT ARE EXISTING TO REMAIN. EQUIPMENT AND DEVICES SHOWN IN DARK LINE WEIGHT ARE NEW, UNLESS OTHERWISE NOTED.
- 1 PROPOSED (2) 2" CORE DRILL UP FROM 8TH FLOOR IT-TR ROOM (ROOM #824) REFER TO DETAIL SHEET C0501.
 - 2 PROPOSED CORE DRILL FOR (2) 4" CONDUIT, FROM 9TH FLOOR TO PENTHOUSE. REFER TO DETAIL SHEET C0501.
 - 3 PROPOSED CORE DRILL THROUGH WALL TO HALLWAY. REFER TO SHEET C0501 FOR DETAIL.
 - 4 PROPOSED CONDUIT FROM EXISTING TELCOM ROOM TO EXISTING EQUIPMENT ROOM IN DROP DOWN CEILING.
RF LINES FROM ROOF DOWN TO 9TH FLOOR EQUIPMENT ROOM:
(3) 7/8" - 2 TRANSMIT, 1 RECEIVE
(1) 1/2" - MULTI COLOR
(2) 3/8" - FOR GPS
POWER LINE FROM PENTHOUSE DOWN TO 9TH FLOOR EQUIPMENT ROOM:
(1) 2" - EMT CONDUIT
FIBER ROUTED FROM A1 FIBER DEMARK UP TO 9TH FLOOR TO 9TH FLOOR:
(2) 2" - FIBER CONDUIT
 - 5 PROPOSED CORE DRILLS FOR (2) 2" CONDUIT, FROM 7TH FLOOR TO 9TH FLOOR. REFER TO DETAIL SHEET C0501.



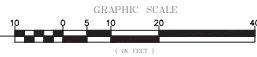
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Phone: 410-762-2898



MOTOROLA SOLUTIONS



9TH FLOOR - ROUTING PLAN
SCALE: 1"=10'

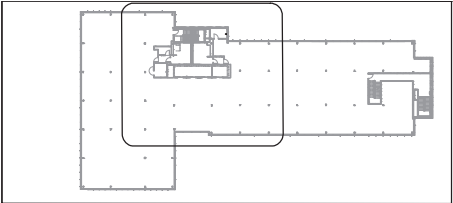


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JW	9/3/24				
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APPROVED BY:	DATE				
GT	9/3/24				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
DEPARTMENT OF COMMUNICATIONS AND SIGNALING

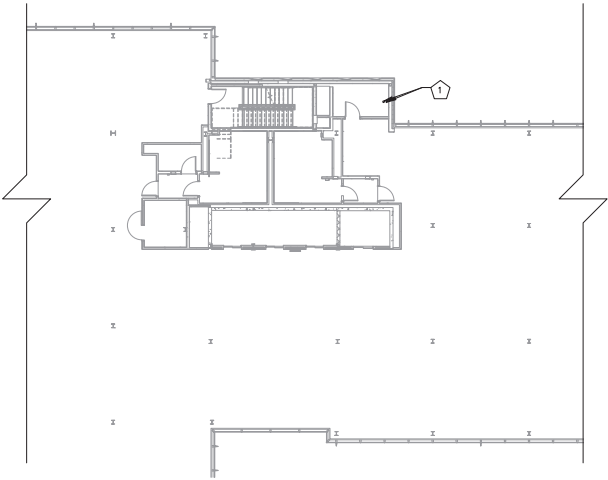
APPROVED: JOHN C. HOFBAUER, ENGINEER OF RECORD
DATE: _____
APPROVED: ALLEN WENDER, PROJECT MANAGER
DATE: _____

WMATA 400MHz METRO RADIO EQUIPMENT RELOCATION L'ENFANT PLAZA 300 7TH STREET SW WASHINGTON, DC 20024				SHEET # C0105 SHEET TITLE 9TH FLOOR PLAN
M NO. FQ	CONTRACT NO. WMATA-LTR-22-001	SCALE: AS NOTED	KCI JOB NUMBER: 1824027658 WMATA JOB NUMBER: WM705AGJRF-098-00001	10 OF 23

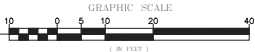


10TH FLOOR - KEY PLAN

NOTE:
CONTRACTOR TO FIELD VERIFY PRIOR TO
CORE DRILLS THAT THE PROPOSED ROUTE
IS UN OBSTRUCTED PRIOR TO DRILLING.



9TH FLOOR - ROUTING PLAN
SCALE: 1"=10'



DORA
NO ACTION
NOTED BY ARCHITECT/TEAM
COMMUNICATIONS TO FINE ARTS
SL 11022023

RECEIVED
Nov 8 2024
SL 25-012
COMMISSION OF FINE ARTS

NOTES - NEW WORK

GENERAL: EQUIPMENT AND DEVICES SHOWN IN LIGHT LINE WEIGHT ARE EXISTING
TO REMAIN. EQUIPMENT AND DEVICES SHOWN IN DARK LINE WEIGHT ARE NEW,
UNLESS OTHERWISE NOTED.

1 PROPOSED CORE DRILL FOR (2) 4" CONDUIT, FROM
9TH FLOOR TO PENTHOUSE.
REFER TO DETAIL SHEET C0501.



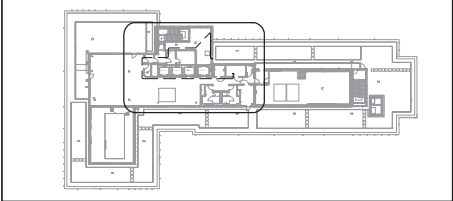
KCI TECHNOLOGIES, INC.
11830 West Market Place, Suite F
Fulton, MD 20759
Phone: 410-762-2095



	REFERENCE DRAWINGS		REVISIONS	
	NUMBER	TITLE	NO.	DATE
DESIGNED BY: JW	9/1/24		0	9/17/24
DRAWN BY: JW	9/3/24			
CHECKED BY: GT	9/3/24			
APPROVED BY: GT	9/3/24			

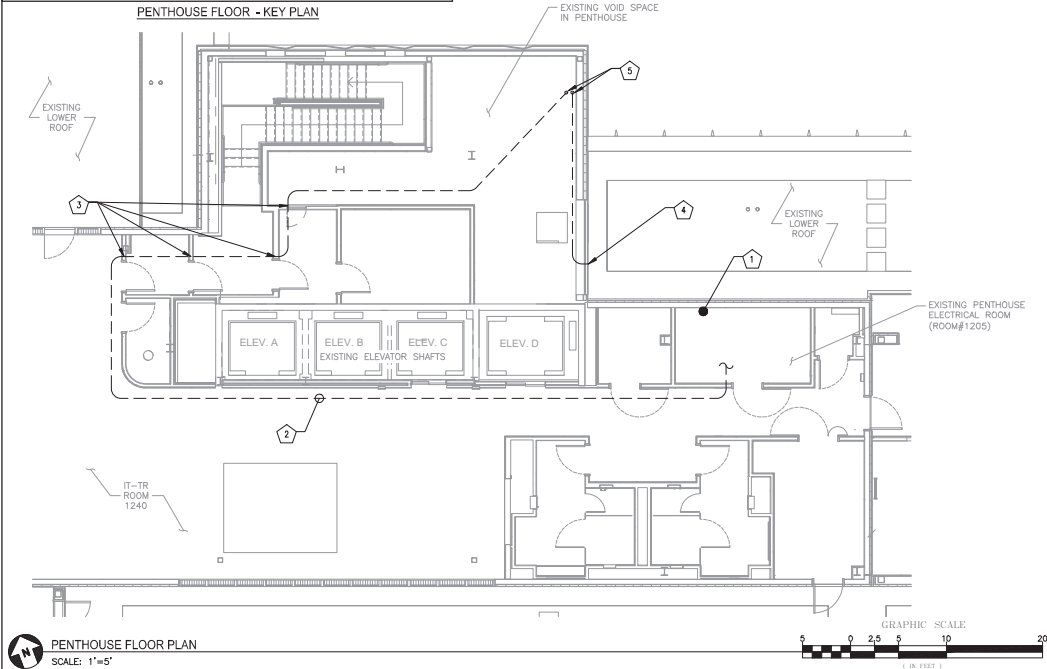
WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	
DEPARTMENT OF COMMUNICATIONS AND SIGNALING	
APPROVED: JOHN C. HOFBAUER ENGINEER OF RECORD	DATE
APPROVED: ALLEN WUNDER PROJECT MANAGER	DATE

WMATA 400MHz METRO RADIO EQUIPMENT RELOCATION L'ENFANT PLAZA 300 7TH STREET SW WASHINGTON, DC 20024			
M NO. FQ	CONTRACT NO. WMATA-LTR-22-001	SCALE: AS NOTED	KCI JOB NUMBER: 1824027958 WMATA JOB NUMBER: WM705AGLRF-095-00001
			SHEET # C0106 SHEET TITLE 10TH-11TH FLOOR PLANS 110F23



NOTE:
CONTRACTOR TO FIELD VERIFY PRIOR TO
CORE DRILLS THAT THE PROPOSED ROUTE
IS UN OBSTRUCTED PRIOR TO DRILLING.

PENTHOUSE FLOOR - KEY PLAN



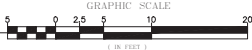
- NOTES - NEW WORK**
- GENERAL: EQUIPMENT AND DEVICES SHOWN IN LIGHT LINE WEIGHT ARE EXISTING TO REMAIN. EQUIPMENT AND DEVICES SHOWN IN DARK LINE WEIGHT ARE NEW, UNLESS OTHERWISE NOTED.
- 1 APPROXIMATE LOCATION OF PH-1 ELECTRICAL PANEL. REFER TO SHEET E-1 FOR DETAIL.
 - 2 2" PROPOSED EMT CONDUIT, TO BE ROUTED IN DROP-DOWN CEILING FROM EXISTING PENTHOUSE ELECTRICAL ROOM TO VOID SPACE CORE DRILL.
 - 3 PROPOSED CORE DRILL FOR (1) 2" CONDUIT FROM PENTHOUSE ELECTRICAL ROOM (ROOM #1218) TO CORE DRILL IN VOID SPACE. REFER TO DETAIL SHEET C0501.
 - 4 PROPOSED CORE DRILL FOR (1) 2" CONDUIT. VOID SPACE TO EXTERIOR OF BUILDING ON MAIN ROOF.
 - 5 PROPOSED CORE DRILL FOR (2) 2" CONDUIT FROM 9TH FLOOR TO PENTHOUSE. REFER TO DETAIL SHEET C0501.



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PENTHOUSE FLOOR PLAN
SCALE: 1"=5'



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	NUMBER	TITLE	NO.	DATE
DESIGNED BY: JW	9/1/24		0	9/17/24
DRAWN BY: JW	9/3/24			
CHECKED BY: GT	9/3/24			
APPROVED BY: GT	9/3/24			

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
DEPARTMENT OF COMMUNICATIONS AND SIGNALING

APPROVED: JOHN C. HOFBAUER, ENGINEER OF RECORD
APPROVED: ALLEN WUNDER, PROJECT MANAGER

WMATA 400MHz METRO RADIO EQUIPMENT RELOCATION L'ENFANT PLAZA 300 7TH STREET SW WASHINGTON, DC 20024				SHEET # C0107 PENTHOUSE FLOOR PLAN
M NO. FQ	CONTRACT NO. WMATA-LTR-22-001	SCALE: AS NOTED	KCI JOB NUMBER: 1824027638 WMATA JOB NUMBER: WM705AGJRF-098-00001	12 OF 23

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NOTES - TO BE REMOVED

GENERAL: EQUIPMENT AND DEVICES SHOWN IN LIGHT LINE WEIGHT ARE EXISTING TO REMAIN. EQUIPMENT AND DEVICES SHOWN IN DARK LINE WEIGHT ARE NEW, UNLESS OTHERWISE NOTED.

- EXISTING TELCO BOARD TO BE RELOCATED
- EXISTING RACK TO BE REMOVED, AND EQUIPMENT TO BE CONSOLIDATED. (REFER TO PROPOSED NOTES FOR WHERE)
- EXISTING CONCRETE RAISED PLATFORM TOO BE REMOVED.

NOTES - PROPOSED WORK

- RELOCATED TELCO BOARD
- PROPOSED 2'-6"x5'-5" RAISED CONCRETE PLATFORM.
- PROPOSED 2'-6"x6'-8" RAISED CONCRETE PLATFORM.
- PROPOSED 2'-10"x3'-0" RAISED CONCRETE PLATFORM.



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9TH FLOOR - EXISTING EQUIPMENT ROOM PLAN
SCALE: 1"=2'

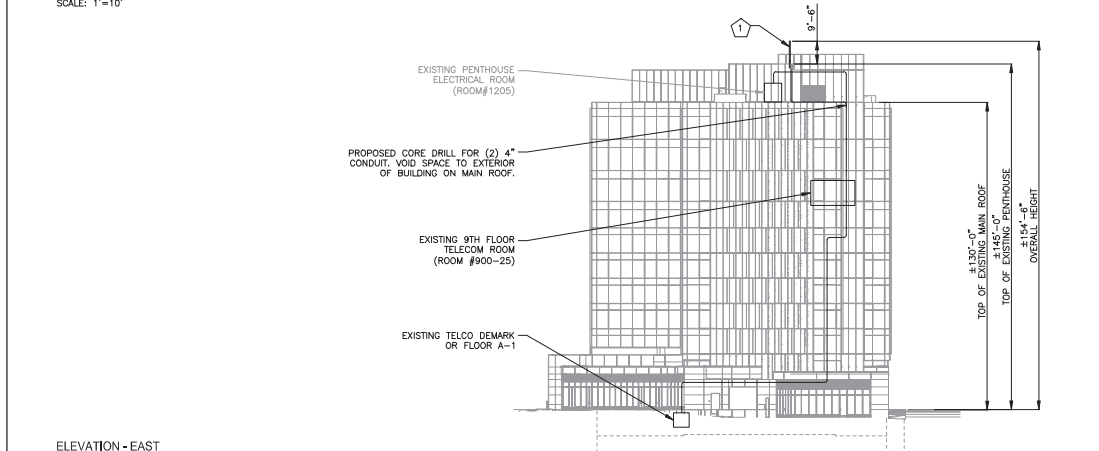
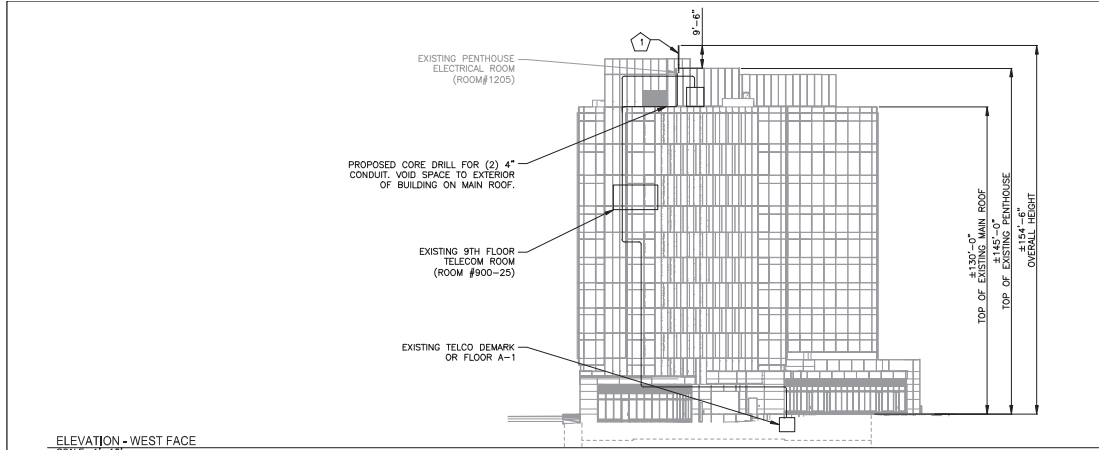


9TH FLOOR - PROPOSED EQUIPMENT ROOM PLAN
SCALE: 1"=10'

DESIGNED BY:	DATE	REFERENCE DRAWINGS		REVISIONS	
		NUMBER	TITLE	NO.	DATE
JW	9/1/24			0	9/17/24
DRAWN BY:	JW				
CHECKED BY:	GT				
APPROVED BY:	GT				

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY	
DEPARTMENT OF COMMUNICATIONS AND SIGNALING	
APPROVED: JOHN C. HOFBAUER ENGINEER OF RECORD	DATE
APPROVED: ALLEN WUNDER PROJECT MANAGER	DATE

WMATA 400MHz METRO RADIO EQUIPMENT RELOCATION	
L'ENFANT PLAZA 300 7TH STREET SW WASHINGTON, DC 20024	
M NO. FQ	CONTRACT NO. WMATA-LTR-22-001
SCALE: AS NOTED	KEY JOB NUMBER: 182407958 WMATA JOB NUMBER: WM705AG.NF.098.0001
SHEET # C0108 SHEET TITLE EQUIPMENT ROOM PLANS	
13 OF 23	



NOTE:
ALL EXISTING AND PROPOSED ANTENNAS
ON SITE ARE OWNED BY WMATA.

NOTES - NEW WORK

GENERAL: EQUIPMENT AND DEVICES SHOWN IN LIGHT LINE WEIGHT ARE EXISTING TO REMAIN. EQUIPMENT AND DEVICES SHOWN IN DARK LINE WEIGHT ARE NEW, UNLESS OTHERWISE NOTED.

1 NEW WALL MOUNTED ANTENNA FED BY 7/8" DIAMETER COAX CABLE. REFER TO C0201 FOR GREATER DETAIL.



DESIGNED BY: JW 9/1/24				REVISIONS				WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY				WMATA 400MHz METRO RADIO EQUIPMENT RELOCATION				SHEET #	
DRAWN BY: JW 9/3/24				NO. DATE DESCRIPTION				DEPARTMENT OF COMMUNICATIONS AND SIGNALING				L'ENFANT PLAZA				C0202	
CHECKED BY: GT 9/3/24				0 9/17/24 ZONING DRAWINGS SUBMISSION				300 7TH STREET SW				WASHINGTON, DC 20024				SHEET TITLE	
APPROVED BY: GT 9/3/24								APPROVED				M NO. CONTRACT NO. SCALE:				15 OF 23	
								APPROVED				FQ WMATA-LTR-22-001 AS NOTED				KCI JOB NUMBER: 1824027658	
								APPROVED								WMATA JOB NUMBER: WM705AGJRF.099.00001	

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NOTES – NEW WORK

- 1 NEW WALL MOUNTED Tx RFI CB087-11 OMNI ANTENNA.
- 2 NEW WALL MOUNTED Rx RFI CB087-11 OMNI ANTENNA AND TTA.
- 3 NEW WALL MOUNTED GPS ANTENNA. (TYP OF 2)
- 4 NEW COAX AND GROUNDING CABLES ON ROOF SUPPORTS. ROUTED UNDER EXISTING ROOF WALK WAY FROM CORE DRILL TO STEALTH WALL.
- 5 NEW COAX AND GROUNDING TO RUN UP STEEL COLUMN INSIDE EXISTING STEALTH WALL OUT TO NEW ANTENNA AND GPS LOCATIONS.



GRAPHIC SCALE

10 0 5 10 20

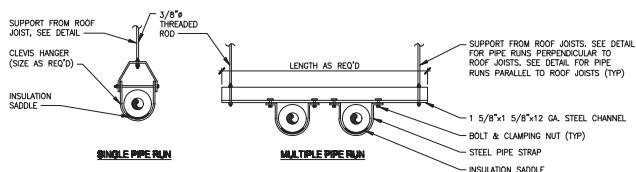
1 IN. = 1000 Y.

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CONSTRUCTION OF THIS ASSET
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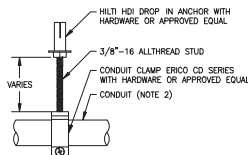
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- NOTES:
- ALL SUPPORT HARDWARE, FITTINGS, AND ACCESSORIES SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - CONDUIT CLAMP VARIES BASED ON CONDUIT SIZE. CONTRACTOR SHALL SIZE CLAMPS AND RELATED HARDWARE BASED ON LOCATION.

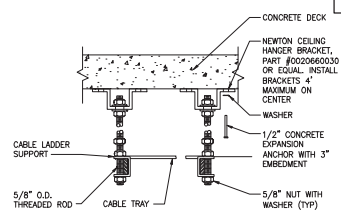
1 PIPE SUPPORT DETAILS

SCALE: NONE



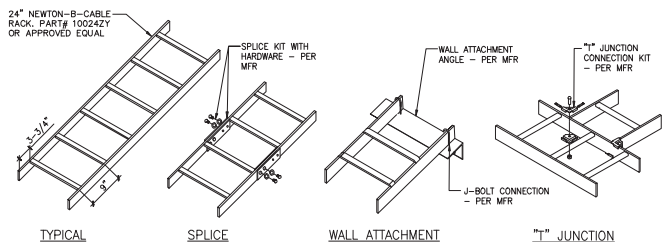
2 DROP IN ANCHOR WITH THREADED ROD
TYPICAL CONDUIT ANCHORING DETAIL

SCALE: NONE



3 CABLE TRAY HANGER INSTALLATION DETAIL

SCALE: NONE



4 CABLE TRAY DETAILS

SCALE: NONE



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DESIGNED BY: JW 9/1/24 DATE DRAWN BY: JW 9/3/24 DATE CHECKED BY: GT 9/3/24 DATE APPROVED BY: GT 9/3/24 DATE	REFERENCE DRAWINGS		REVISIONS		WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY DEPARTMENT OF COMMUNICATIONS AND SIGNALING APPROVED: JOHN C. HOFBAUER ENGINEER OF RECORD DATE APPROVED: ALLEN WUNDER PROJECT MANAGER DATE	WMATA 400MHz METRO RADIO EQUIPMENT RELOCATION L'ENFANT PLAZA 300 7TH STREET SW WASHINGTON, DC 20024			SHEET # C0502 SHEET TITLE COAX & CONDUIT DETAILS	
	NUMBER	TITLE	NO.	DATE	DESCRIPTION	M. NO.	CONTRACT NO.	SCALE:	KCI JOB NUMBER: 1824027638 WMATA JOB NUMBER: WM705.AG.NF.095.00001	18 OF 23

1. CONSULT THE BUILDING ENGINEER OR MANAGER TO DETERMINE INFORMATION ABOUT ANY EXISTING BUILDING GROUNDING ELECTRODE SYSTEMS. THE BUILDING ENGINEER SHOULD ALSO BE INFORMED BEFORE ATTEMPTING TO WELD OR DRILL ON THE BUILDING ROOFTOP.
2. DEPENDING ON THE AVAILABLE LOCATIONS FOR GROUNDING DOWN-CONDUCTORS AND THE ENTRY POINT OF THE RF TRANSMISSION LINES INTO THE BUILDING, IT MAY BE NECESSARY TO INSTALL A SUPPLEMENTAL GROUNDING ELECTRODE SYSTEM.

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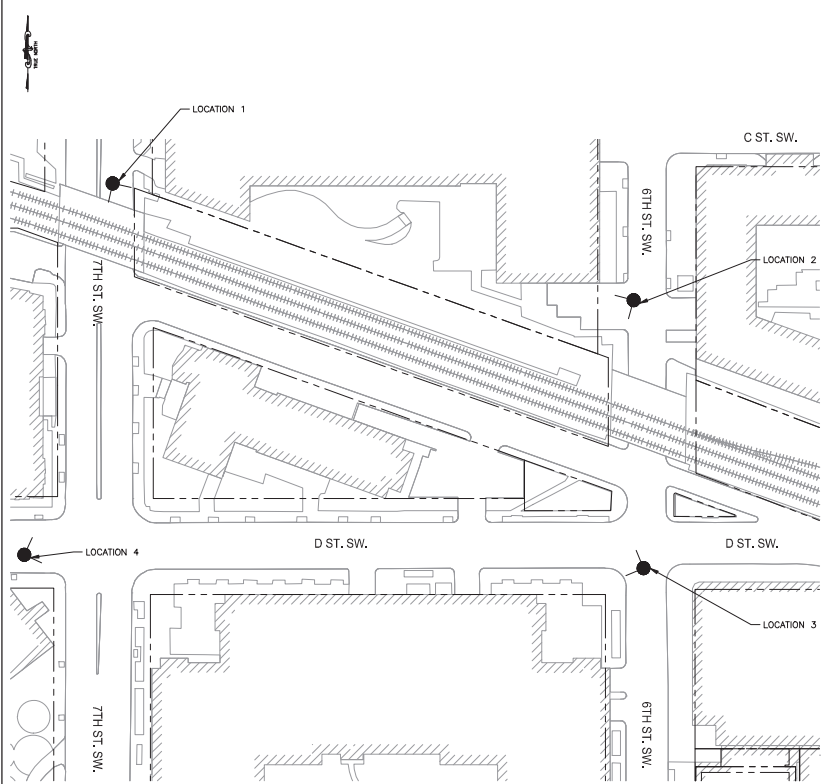
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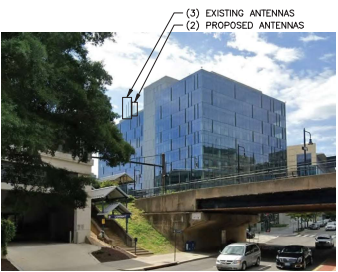
R-56: TRANSMISSION LINES SHALL BE IDENTIFIED IN A PERMANENT MANNER USING METAL TAGS, OR EQUIVALENT METHOD LOCATED AT THE ANTENNA, AT THE BOTTOM OF THE TOWER, AT THE SHELTER CABLE ENTRANCE AND INSIDE THE SHELTER OR BUILDING.



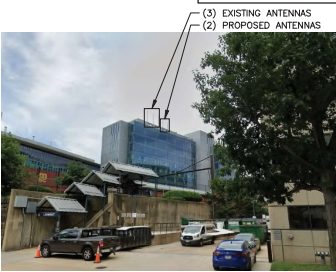
DESIGNED BY: JW 9/3/24 DATE DRAWN BY: JW 9/3/24 DATE CHECKED BY: GT 9/3/24 DATE APPROVED BY: GT 9/3/24	REFERENCE DRAWINGS		REVISIONS		<div></div> <div>WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY</div> <div>DEPARTMENT OF COMMUNICATIONS AND SIGNALING</div>	WMATA 480MHz METRO RADIO EQUIPMENT RELOCATION				SHEET #	
	NUMBER	TITLE	NO.	DATE		DESCRIPTION	1 LEWANT PLAZA 300 7TH STREET SW WASHINGTON, DC 20024				A0101
			0	8/17/24		ZONING DRAWINGS SUBMISSION					
					APPROVED JOHN C. HOFBAUER ENGINEER OF RECORD	DATE	ALLEN WONGER PROJECT MANAGER	DATE	SHEET TITLE RF COMPONENT PLAN		
									19 OF 23		



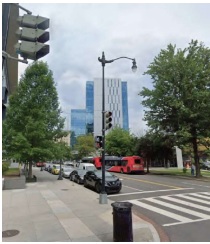
ANTENNA VISIBILITY PLAN
SCALE: 1"=50'



LOCATION 1 - STREET VIEW



LOCATION 2 - STREET VIEW



LOCATION 3 - STREET VIEW




LOCATION 4 - STREET VIEW



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		NUMBER		TITLE							NO.		DATE	
							0		9/17/24		ZONING DRAWINGS SUBMISSION			

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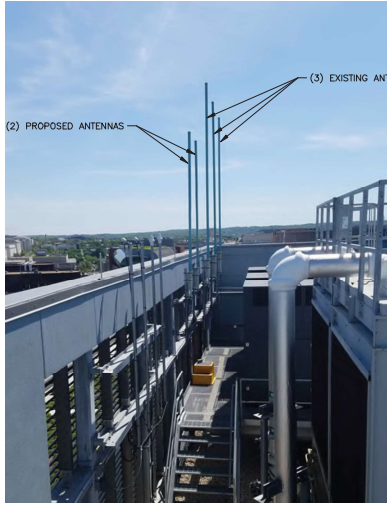
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1 TYPICAL ANTENNA
H0003



2 CURRENT ANTENNAS AND GPS
H0003




3 PROPOSED ANTENNAS AND GPS - PHOTO SIM
H0003



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DRAWN BY: JW 9/3/24		DATE		TITLE		NO.		DATE		ZONING DRAWINGS SUBMISSION		DESCRIPTION				SHEET TITLE ANTENNA PHOTOS							
CHECKED BY: GT 9/3/24		DATE		TITLE		NO.		DATE		ZONING DRAWINGS SUBMISSION		DESCRIPTION											
APPROVED BY: GT 9/3/24		DATE		TITLE		NO.		DATE		ZONING DRAWINGS SUBMISSION		DESCRIPTION											
DATE		DATE		DATE		DATE		DATE		DATE		DATE											



TO: Kathleen Beeton, Zoning Administrator, Department of Buildings

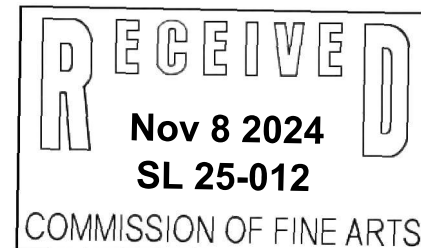
FROM: *KT for* Jennifer Steingasser, Deputy Director, Development Review and Historic Preservation

DATE: September 26, 2024

SUBJECT: ANTENNA REVIEW RECOMMENDATION: WMATA

The Office of Planning (OP) recommends **APPROVAL** of the antenna installation at 300 7th St SW pursuant to:

- ☐ C § 1304 REQUIREMENTS FOR ROOF-MOUNTED ANTENNAS
- ☒ C § 1305 REQUIREMENTS FOR BUILDING-MOUNTED ANTENNAS
- ☐ C § 1306 ANTENNAS LOCATED IN STEALTH STRUCTURES
- ☐ C § 1308 ANTENNAS MOUNTED ON ANTENNA TOWERS AND MONOPOLES



The intent of the antenna regulations is to ensure that antennas have as little visibility as possible from public space. The proposed installation would not be inconsistent with the intent of the Zoning Regulations.

SITE INFORMATION

Square: 0464 Lot: 0026

Zone District: D-5

Historic District: None

Commission of Fine Arts area: ☒ Yes ☐ No

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COMMISSION OF FINE ARTS
VL 11/22/202

PROPOSAL

The proposed installation includes: ☒ MODIFICATION OF EXISTING SITE ☐ NEW SITE

Panel Antennas # _____ Dish Antennas # _____ Other # 3 Type Whip _____

An equipment cabinet would be installed:

- ☐ On the roof ☐ On the ground ☒ In the building or penthouse **OR**
- ☐ An equipment cabinet would not be installed. ☐ An existing equipment cabinet

OP COMMENTS

These are additional antennas to the existing WMATA installation on its building. 2 GPS units would also be installed.

NOTE: This report is a recommendation only and should not be interpreted as any form of final approval. This report does not provide any relief from the requirements of Title 11 DCMR, Zoning, or any other regulatory requirements.

JLS/kt

