

Prepared For:
STARRY
Site Number:
MACAM0050
Site Name:
LECHMERE (VA)
22 Water Street
Cambridge, MA 02141



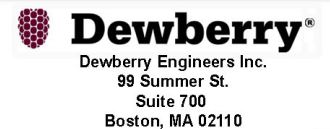
Simulation Based On Rev-1 Zoning Drawings Dated 02/02/22.
Photos Taken On 07/13/20

For visual reference only. Actual visibility
is dependent upon weather conditions,
season, sunlight, and viewer location.



LECHMERE (VA)

DEWBERRY NO. 50122324
(Page 1 of 8)






SITE LOCATION

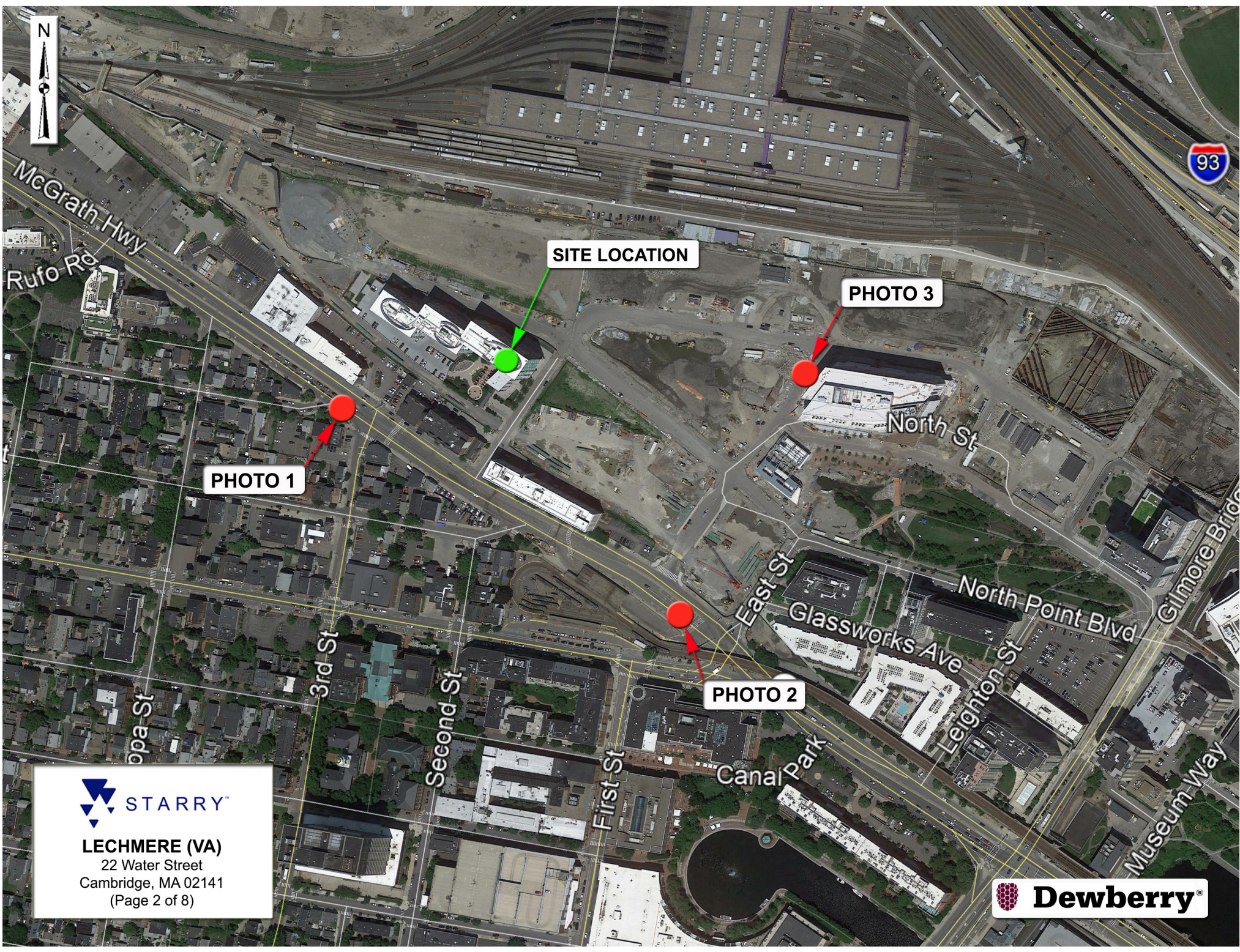
PHOTO 3

PHOTO 1

PHOTO 2

 **STARRY**
LECHMERE (VA)
22 Water Street
Cambridge, MA 02141
(Page 2 of 8)

 **Dewberry**



Actual View

FAIRFIELD
INN & SUITES
Marriott



LECHMERE (VA)

Photo 1A

View Facing Northeast

From McGrath Hwy

(Page 3 of 8)



Proposed View

Proposed Starry Mast With Proposed Antennas (Typ.)



FAIRFIELD
INN & SUITES
Marriott



LECHMERE (VA)
Photo 1B
View Facing Northeast
From McGrath Hwy
(Page 4 of 8)



Actual View



LECHMERE (VA)

Photo 2A

View Facing Northwest From
Monsignor O'Brien Highway
(Page 5 of 8)



Proposed View

Proposed Starry Mast With
Proposed Antennas (Typ.)



LECHMERE (VA)

Photo 2B

View Facing Northwest From
Monsignor O'Brien Highway
(Page 6 of 8)



Actual View

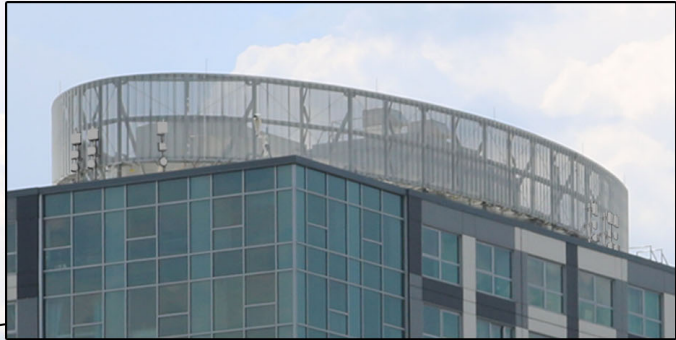


 **STARRY™**
LECHMERE (VA)
Photo 3A
View Facing West
From North Street
(Page 7 of 8)

 **Dewberry®**

Proposed View

Proposed Starry Mast With
Proposed Antennas (Typ.)



 **STARRY™**
LECHMERE (VA)
Photo 3B
View Facing West
From North Street
(Page 8 of 8)



SITE NAME: LECHEMERE (VA)



**SITE ADDRESS:
22 WATER ST.
CAMBRIDGE, MA 02141**



38 CHAUNCY STREET
2ND FLOOR
BOSTON, MA 02111



Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310

SITE INFORMATION

STARRY SITE NUMBER:
MACAM0050

STARRY SITE NAME:
LECHMERE (VA)

SCOPE OF WORK:
UNMANNED INTERNET SERVICE PROVIDER FACILITY
STARRY EQUIPMENT ON ROOF

PROPERTY OWNER*:
BEHRINGER HARVARD 22 WATER ST.
C/O MONOGRAM RESIDENTIAL TRUST
5800 GRANITE PARKWAY, SUITE 1000
ADDISON, TX 75001

*BASED ON CITY OF CAMBRIDGE ASSESSOR'S DATABASE

LATITUDE:**
42° 22' 22.51" N

LONGITUDE:**
71° 04' 41.13" W
**BASED ON GOOGLE EARTH

MAP/LOT:
7/113

ZONING JURISDICTION:
CITY OF CAMBRIDGE

ZONING DISTRICT:
PUD-6

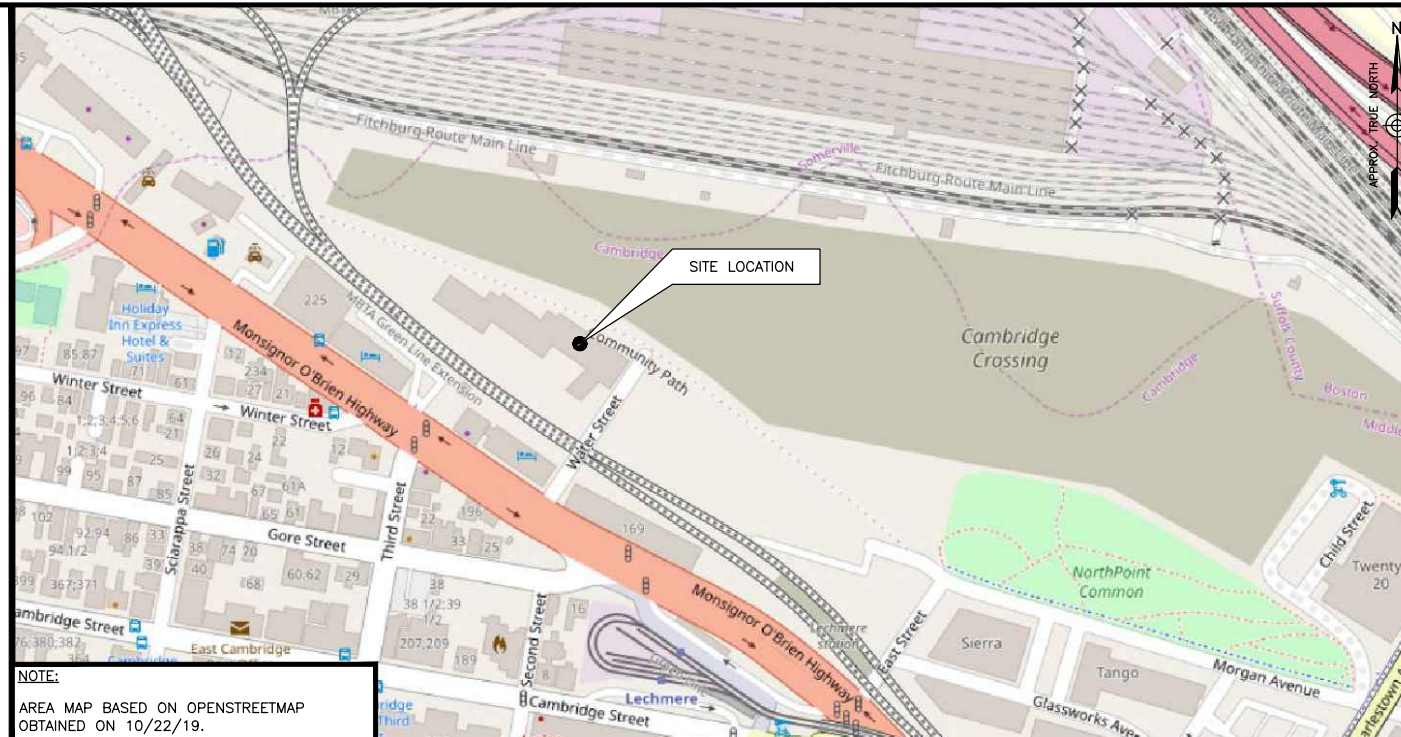
POWER COMPANY:
EVERSOURCE

TELCO COMPANY:
COMCAST

BUILDING HEIGHT:
149'-0"± (ROOF LEVEL)

AREA OF WORK:
ROOFTOP & INSIDE BUILDING

AREA MAP



NOTE:
AREA MAP BASED ON OPENSTREETMAP
OBTAINED ON 10/22/19.

PROJECT DESCRIPTION

THE SITE WILL CONSIST OF INSTALLING ANTENNAS ON THE ROOF. THESE ANTENNAS WILL BE MOUNTED TO THE EXISTING SCREENWALL STEEL FRAME. THE PROPOSED SITE SUPPORT CABINET & ASSOCIATED EQUIPMENT WILL BE ALSO MOUNTED ON THE SCREENWALL STEEL FRAME.

SPECIAL CONSTRUCTION NOTE

DEWBERRY ENGINEERS INC. ASSUMES THAT THE BUILDING/STRUCTURE IS PROPERLY CONSTRUCTED AND MAINTAINED. ALL STRUCTURAL MEMBERS AND THEIR CONNECTION ARE ASSUMED TO BE IN GOOD CONDITION AND ARE FREE FROM DEFECTS WITH NO DETERIORATION TO ITS MEMBER CAPACITIES.

GENERAL NOTES

- THIS IS AN UNMANNED INTERNET SERVICE PROVIDER FACILITY AND NOT FOR HUMAN HABITATION:
 - ADA COMPLIANCE NOT REQUIRED.
 - POTABLE WATER OR SANITARY SERVICE IS NOT REQUIRED.
 - NO OUTDOOR STORAGE OR ANY SOLID WASTE RECEPTACLES REQUIRED.
- CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON JOB SITE. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK. FAILURE TO NOTIFY THE ARCHITECT/ENGINEER PLACE THE RESPONSIBILITY ON THE CONTRACTOR TO CORRECT THE DISCREPANCIES AT THE CONTRACTOR'S EXPENSE.
- NEW CONSTRUCTION WILL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES. BUILDING CODE: MASSACHUSETTS STATE BUILDING CODE, 9TH EDITION (780CMR) AMENDED VERSION OF THE 2015 INTERNATIONAL BUILDING CODE (IBC) & 2015 INTERNATIONAL EXISTING BUILDING CODE. ELECTRICAL CODE: NATIONAL ELECTRICAL CODE (LATEST EDITION) STRUCTURAL CODE: TIA/EIA-222-G STRUCTURAL STANDARDS FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS.

DRAWING INDEX

SHT. NO.	SHEET TITLE
T-1	TITLE SHEET
Z-1	300' PROPERTY RADIUS MAP
Z-2	ROOF PLAN
Z-3	EAST ELEVATION
Z-4	WEST ELEVATION
Z-5	NORTH ELEVATION
Z-6	SOUTH ELEVATION
Z-7	EQUIPMENT DETAILS-I
Z-8	EQUIPMENT DETAILS-II



DRAWN BY:	SK
CHECKED BY:	OAS
APPROVED BY:	BBR
PROJECT #:	50122290
JOB #:	50122324

ZONING DRAWINGS		
REV.	DATE	DESCRIPTION
1	02/02/22	FOR SUBMITTAL
0	10/05/20	FOR SUBMITTAL
A	07/21/20	FOR REVIEW

SITE NUMBER:
MACAM0050

SITE NAME:
LECHMERE (VA)

SITE ADDRESS:
22 WATER ST.
CAMBRIDGE, MA 02141

APPROVALS

STARRY:	_____	DATE:	_____
CONSTRUCTION MANAGER:	_____	DATE:	_____
LEASING/SITE ACQUISITION:	_____	DATE:	_____
RF ENGINEER:	_____	DATE:	_____
ROOFTOP TELECOM MANAGER:	_____	DATE:	_____

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1



NOTES:

- 300' RADIUS PLAN BASED ON ONLINE ASSESSOR'S INFORMATION OBTAINED FROM THE CITY OF CAMBRIDGE & SOMERVILLE GIS DATABASE & CITY MAPS OBTAINED ON 07/14/20.
- SOME PROPOSED AND EXISTING INFORMATION NOT SHOWN FOR CLARITY.
- NORTH ARROW SHOWN AS APPROXIMATE.
- SETBACKS ARE TAKEN FROM THE CLOSEST POINT OF ANTENNAS TO PROPERTY LINES.
- DOCUMENT IS FOR ZONING PURPOSES ONLY, NOT FOR CONSTRUCTION.
- EXISTING BUILDINGS, PARKING LOTS, ROADS & PROPERTY LINES ARE SHOWN AS APPROXIMATE AND HAVE NOT BEEN VERIFIED THROUGH A FIELD SURVEY.



38 CHAUNCY STREET
2ND FLOOR
BOSTON, MA 02111



Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310



DRAWN BY:	SK
CHECKED BY:	OAS
APPROVED BY:	BBR
PROJECT #:	50122290
JOB #:	50122324

ZONING DRAWINGS		
REV.	DATE	DESCRIPTION
1	02/02/22	FOR SUBMITTAL
0	10/05/20	FOR SUBMITTAL
A	07/21/20	FOR REVIEW

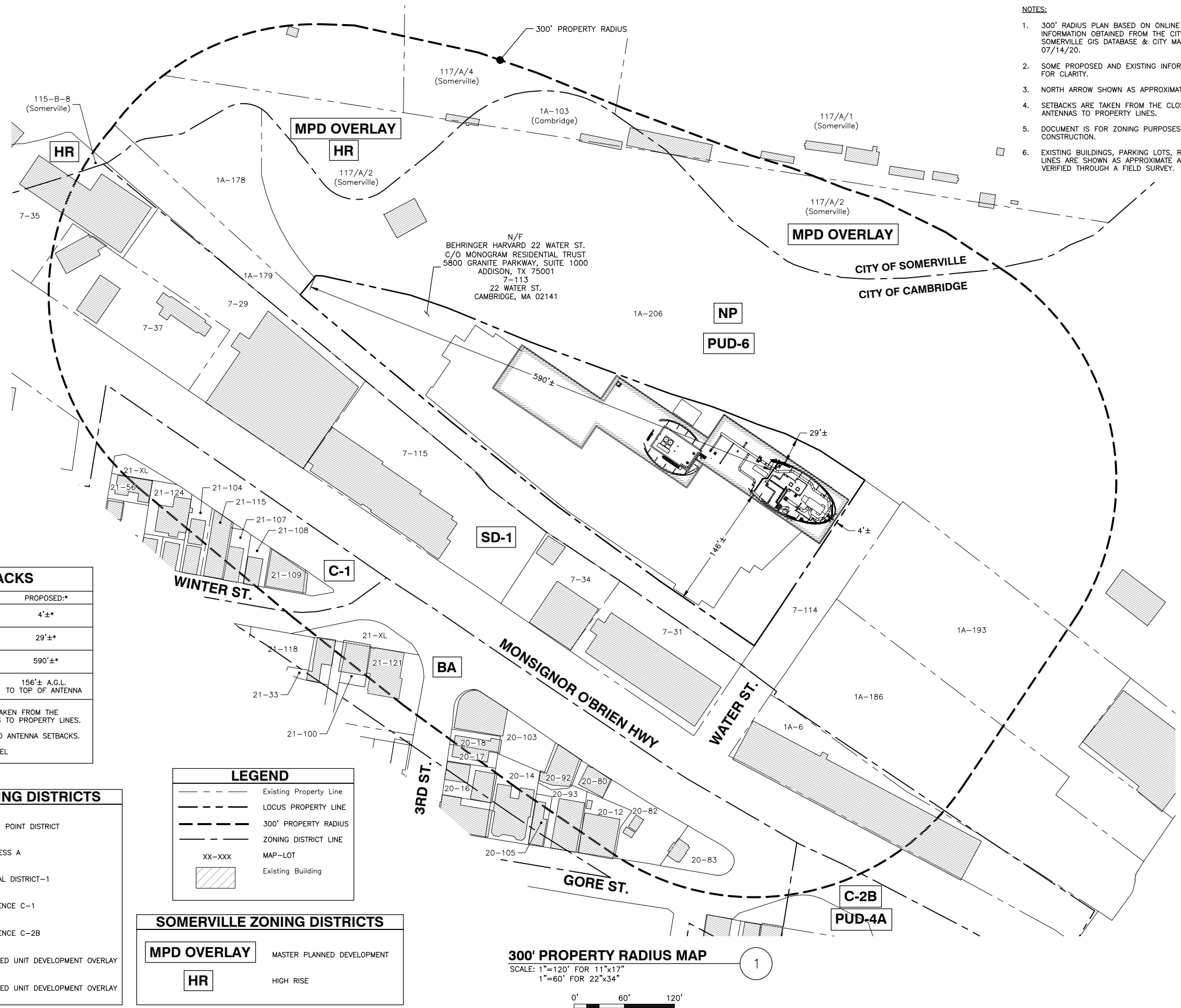
SITE NUMBER:
MACAM0050

SITE NAME:
LECHMERE (VA)

SITE ADDRESS:
22 WATER ST.
CAMBRIDGE, MA 02141

SHEET TITLE
300' PROPERTY
RADIUS MAP

SHEET NUMBER
Z-1



SETBACKS	
SETBACK:	PROPOSED:*
FRONT SETBACK	4'±*
SIDE SETBACK	29'±*
REAR SETBACK	590'±*
ANTENNA HEIGHT (HIGHEST ANTENNA)	156'± A.G.L. TO TOP OF ANTENNA

* SETBACK DISTANCES ARE TAKEN FROM THE CLOSEST POINT OF ANTENNAS TO PROPERTY LINES. SEE Z-2 FOR ROOF EDGE TO ANTENNA SETBACKS. A.G.L. = ABOVE GROUND LEVEL

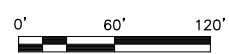
LEGEND	
	Existing Property Line
	LOCUS PROPERTY LINE
	300' PROPERTY RADIUS
	ZONING DISTRICT LINE
	MAP-LOT
	Existing Building

CAMBRIDGE ZONING DISTRICTS	
NP	NORTH POINT DISTRICT
BA	BUSINESS A
SD-1	SPECIAL DISTRICT-1
C-1	RESIDENCE C-1
C-2B	RESIDENCE C-2B
PUD-6	PLANNED UNIT DEVELOPMENT OVERLAY
PUD-4A	PLANNED UNIT DEVELOPMENT OVERLAY

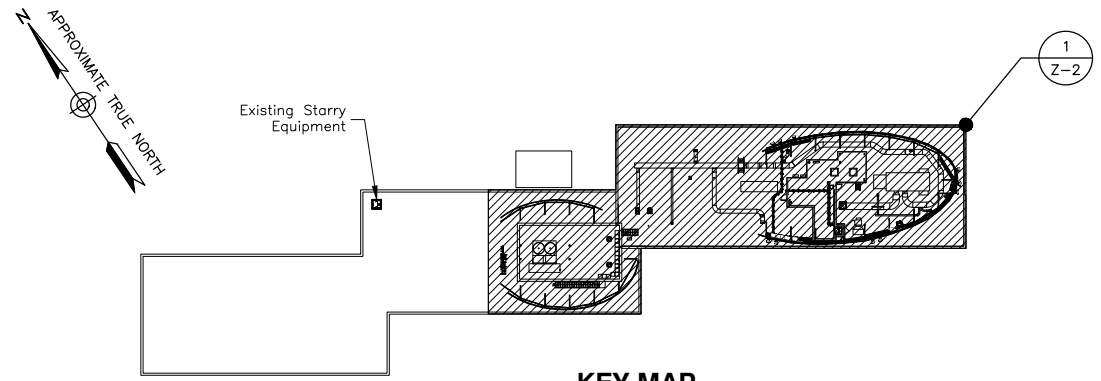
SOMERVILLE ZONING DISTRICTS	
MPD OVERLAY	MASTER PLANNED DEVELOPMENT
HR	HIGH RISE

300' PROPERTY RADIUS MAP

SCALE: 1"=120' FOR 11"x17"
1"=60' FOR 22"x34"



1



KEY MAP
SCALE: N.T.S



38 CHAUNCY STREET
2ND FLOOR
BOSTON, MA 02111



Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310



DRAWN BY:	SK
CHECKED BY:	OAS
APPROVED BY:	BBR
PROJECT #:	50122290
JOB #:	50122324

ZONING DRAWINGS		
REV.	DATE	DESCRIPTION
1	02/02/22	FOR SUBMITTAL
0	10/05/20	FOR SUBMITTAL
A	07/21/20	FOR REVIEW

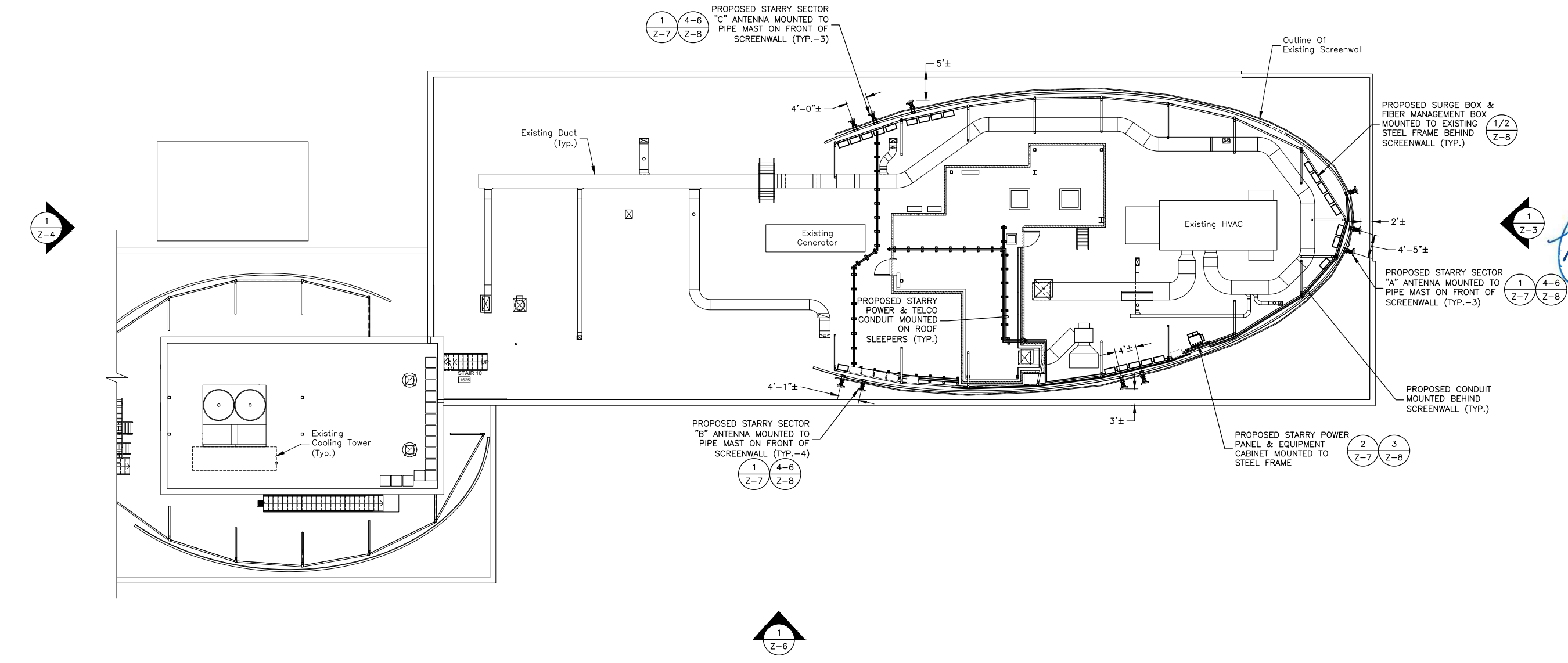
SITE NUMBER:
MACAM0050

SITE NAME:
LECHMERE (VA)

SITE ADDRESS:
22 WATER ST.
CAMBRIDGE, MA 02141

SHEET TITLE
ROOF PLAN

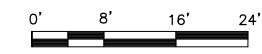
SHEET NUMBER
Z-2



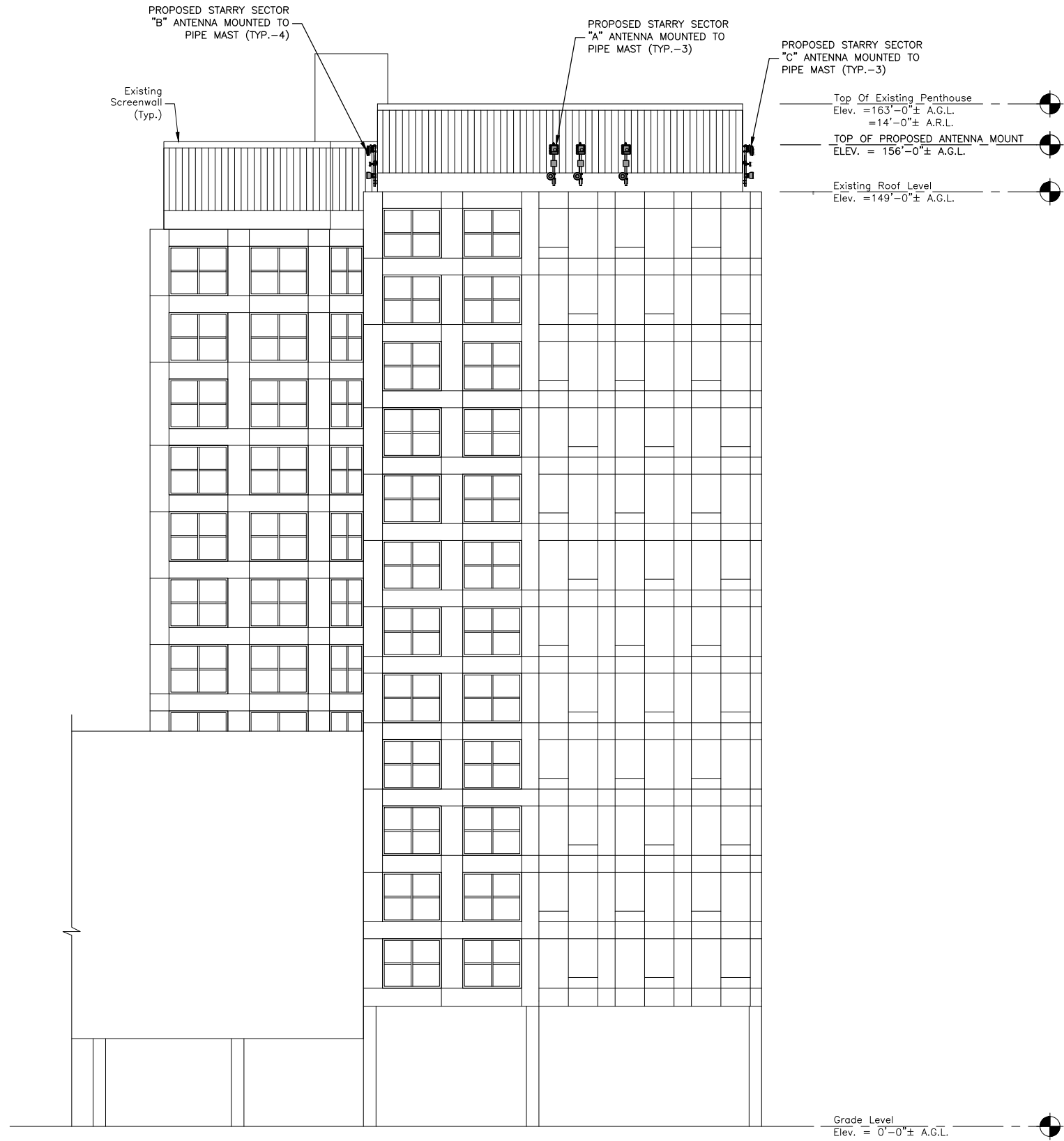
- NOTES:**
- SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
 - NORTH ARROW SHOWN AS APPROXIMATE.
 - THIS IS FOR ZONING PURPOSES ONLY. NOT FOR CONSTRUCTION.
 - PLANS BASED ON FIELD OBSERVATIONS DURING SITE VISIT BY DEWBERRY ENGINEERS INC. ON 10/22/19, GOOGLE EARTH, AND DRAWINGS BY SYMMES MAINI & MCKEE ASSOCIATES TITLED "22 WATER STREET RESIDENCES" REV1 DATED 10/22/13.
 - EQUIPMENT LOCATION & ORIENTATION PENDING STRUCTURAL ANALYSIS BY DEWBERRY ENGINEERS INC.
 - STARRY REQUIRES (1) 2-POLE 60A CIRCUIT BREAKER TO BE INSTALLED IN AN EXISTING POWER PANEL INSIDE PENTHOUSE. SOURCE & ROUTING SHOWN PENDING ELECTRICAL LOAD STUDY.
 - ALL PROPOSED FACADE MOUNTED ANTENNAS & CONDUITS SHALL BE PAINTED TO MATCH BUILDING. COORDINATE COLOR WITH STARRY CM AND BUILDING OWNER.

ROOF PLAN

SCALE: 3/64"=1' FOR 11"x17"
3/32"=1' FOR 22"x34"



1



NOTES:

1. SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
2. NORTH ARROW SHOWN AS APPROXIMATE.
3. THIS IS FOR ZONING PURPOSES ONLY. NOT FOR CONSTRUCTION.
4. PLANS BASED ON FIELD OBSERVATIONS DURING SITE VISIT BY DEWBERRY ENGINEERS INC. ON 10/22/19, GOOGLE EARTH, AND DRAWINGS BY SYMMES MAINI & MCKEE ASSOCIATES TITLED "22 WATER STREET RESIDENCES" REV1 DATED 10/22/13.
5. EQUIPMENT LOCATION & ORIENTATION PENDING STRUCTURAL ANALYSIS BY DEWBERRY ENGINEERS INC.
6. STARRY REQUIRES (1) 2-POLE 60A CIRCUIT BREAKER TO BE INSTALLED IN AN EXISTING POWER PANEL INSIDE PENTHOUSE. SOURCE & ROUTING SHOWN PENDING ELECTRICAL LOAD STUDY.
7. ALL PROPOSED FACADE MOUNTED ANTENNAS & CONDUITS SHALL BE PAINTED TO MATCH BUILDING. COORDINATE COLOR WITH STARRY CM AND BUILDING OWNER.
8. FINAL GPS ANTENNA COUNT AND LOCATION TO BE CONFIRMED WITH STARRY CONSTRUCTION MANAGER.

EAST ELEVATION

SCALE: 3/64"=1' FOR 11"x17"
3/32"=1' FOR 22"x34"



1



38 CHAUNCY STREET
2ND FLOOR
BOSTON, MA 02111



Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310



DRAWN BY:	SK
CHECKED BY:	OAS
APPROVED BY:	BBR
PROJECT #:	50122290
JOB #:	50122324

ZONING DRAWINGS		
REV.	DATE	DESCRIPTION
1	02/02/22	FOR SUBMITTAL
0	10/05/20	FOR SUBMITTAL
A	07/21/20	FOR REVIEW

SITE NUMBER:
MACAM0050

SITE NAME:
LECHMERE (VA)

SITE ADDRESS:
22 WATER ST.
CAMBRIDGE, MA 02141

SHEET TITLE
EAST ELEVATION

SHEET NUMBER
Z-3



38 CHAUNCY STREET
2ND FLOOR
BOSTON, MA 02111



Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310



DRAWN BY: SK

CHECKED BY: OAS

APPROVED BY: BBR

PROJECT #: 50122290

JOB #: 50122324

ZONING DRAWINGS		
REV.	DATE	DESCRIPTION
1	02/02/22	FOR SUBMITTAL
0	10/05/20	FOR SUBMITTAL
A	07/21/20	FOR REVIEW

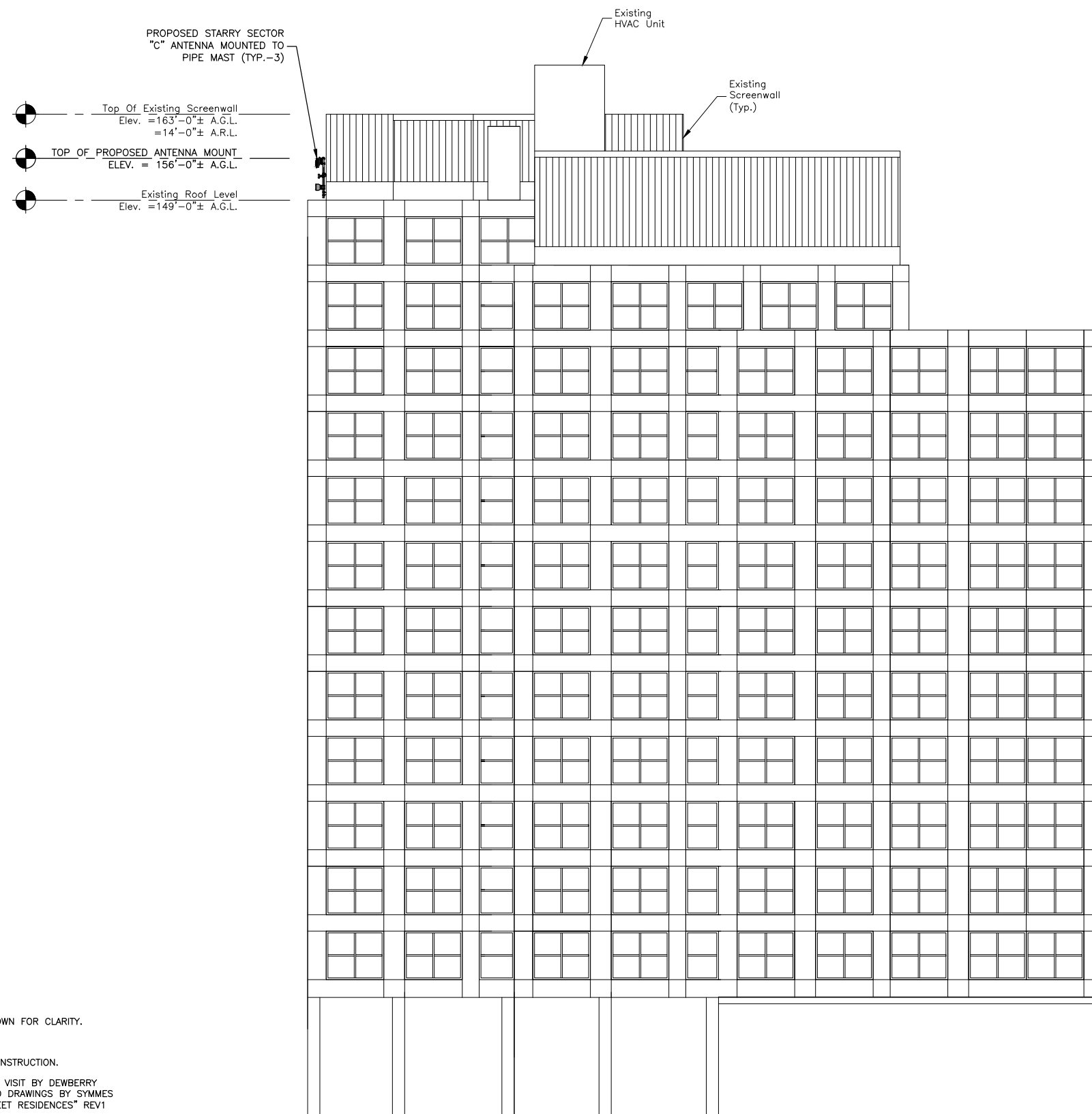
SITE NUMBER:
MACAM0050

SITE NAME:
LECHMERE (VA)

SITE ADDRESS:
22 WATER ST.
CAMBRIDGE, MA 02141

SHEET TITLE
WEST ELEVATION

SHEET NUMBER
Z-4



NOTES:

- SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
- NORTH ARROW SHOWN AS APPROXIMATE.
- THIS IS FOR ZONING PURPOSES ONLY. NOT FOR CONSTRUCTION.
- PLANS BASED ON FIELD OBSERVATIONS DURING SITE VISIT BY DEWBERRY ENGINEERS INC. ON 10/22/19, GOOGLE EARTH, AND DRAWINGS BY SYMMES MAINI & MCKEE ASSOCIATES TITLED "22 WATER STREET RESIDENCES" REV1 DATED 10/22/13.
- EQUIPMENT LOCATION & ORIENTATION PENDING STRUCTURAL ANALYSIS BY DEWBERRY ENGINEERS INC.
- STARRY REQUIRES (1) 2-POLE 60A CIRCUIT BREAKER TO BE INSTALLED IN AN EXISTING POWER PANEL INSIDE PENTHOUSE. SOURCE & ROUTING SHOWN PENDING ELECTRICAL LOAD STUDY.
- ALL PROPOSED FACADE MOUNTED ANTENNAS & CONDUITS SHALL BE PAINTED TO MATCH BUILDING. COORDINATE COLOR WITH STARRY CM AND BUILDING OWNER.

WEST ELEVATION

SCALE: 3/64"=1' FOR 11"x17"
3/32"=1' FOR 22"x34"



Grade Level
Elev. = 0'-0"± A.G.L.



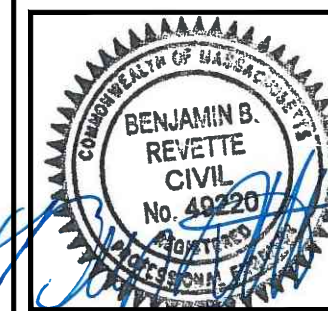
1



38 CHAUNCY STREET
2ND FLOOR
BOSTON, MA 02111



Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310



DRAWN BY:	SK
CHECKED BY:	OAS
APPROVED BY:	BBR
PROJECT #:	50122290
JOB #:	50122324

ZONING DRAWINGS		
REV.	DATE	DESCRIPTION
1	02/02/22	FOR SUBMITTAL
0	10/05/20	FOR SUBMITTAL
A	07/21/20	FOR REVIEW

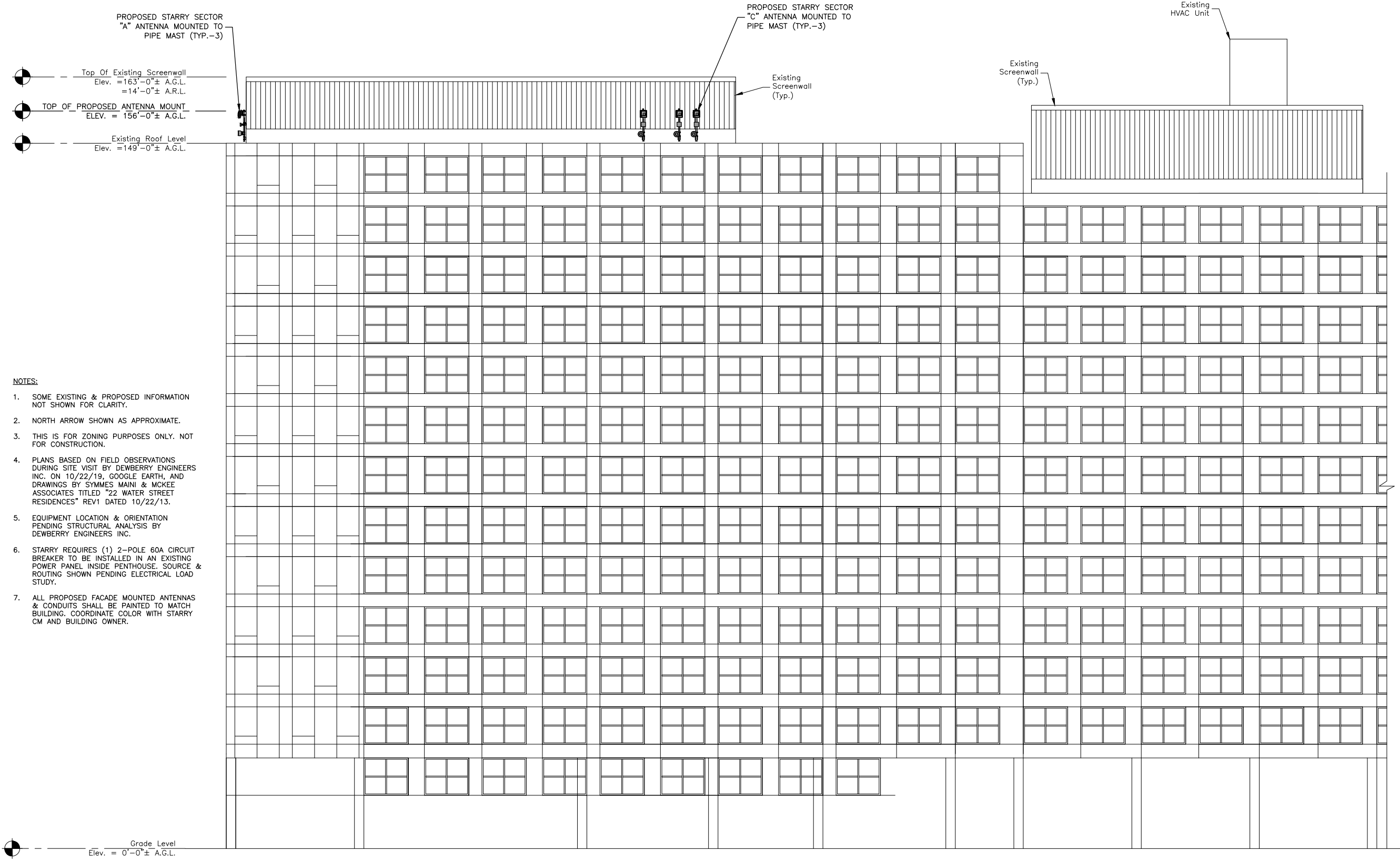
SITE NUMBER:
MACAM0050

SITE NAME:
LECHMERE (VA)

SITE ADDRESS:
22 WATER ST.
CAMBRIDGE, MA 02141

SHEET TITLE
NORTH ELEVATION

SHEET NUMBER
Z-5

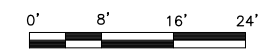


Grade Level
Elev. = 0'-0"± A.G.L.

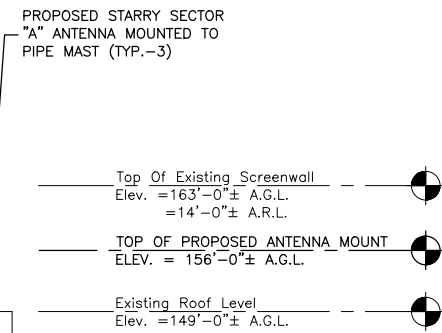
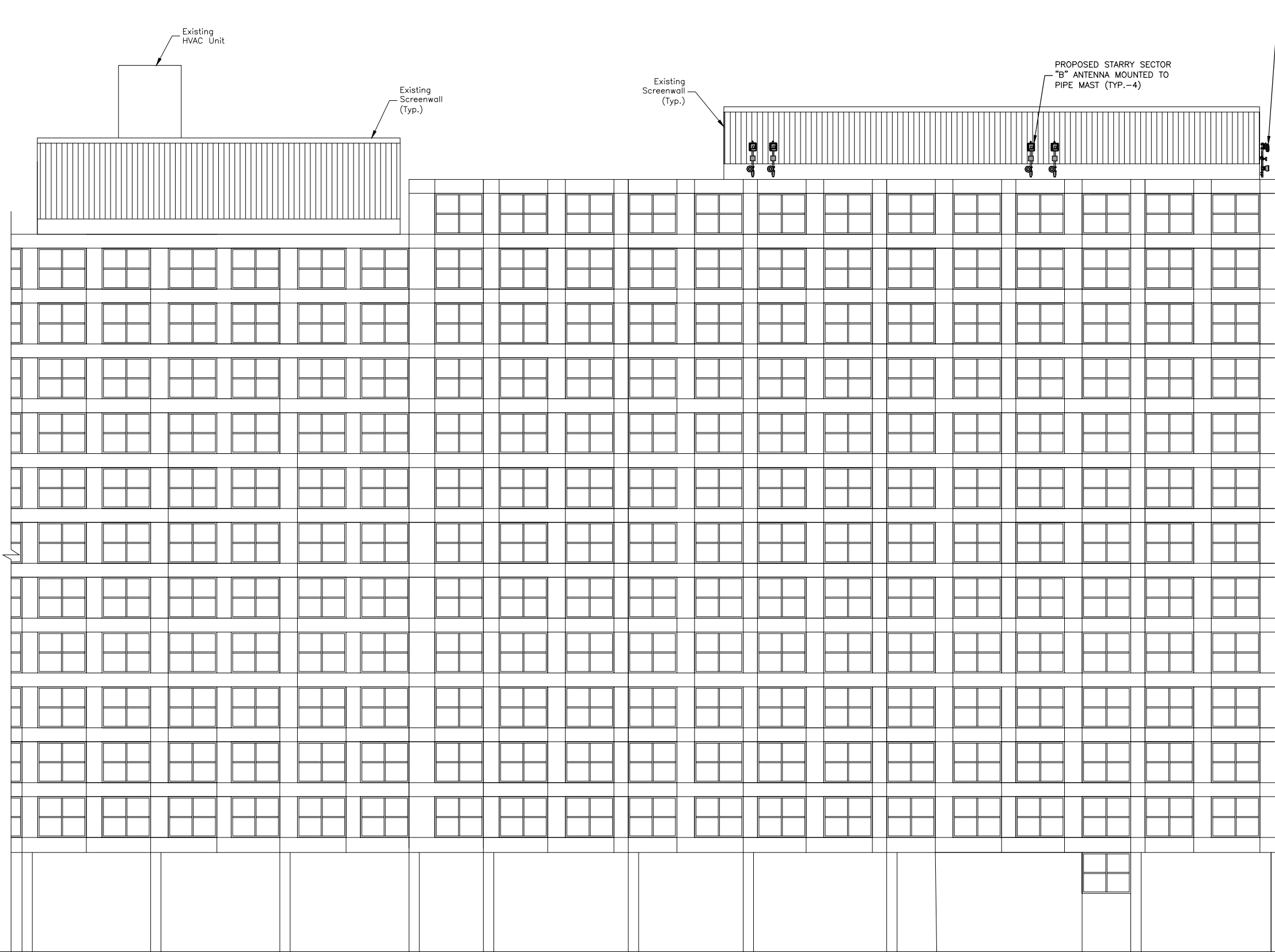
- NOTES:
- SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
 - NORTH ARROW SHOWN AS APPROXIMATE.
 - THIS IS FOR ZONING PURPOSES ONLY. NOT FOR CONSTRUCTION.
 - PLANS BASED ON FIELD OBSERVATIONS DURING SITE VISIT BY DEWBERRY ENGINEERS INC. ON 10/22/19, GOOGLE EARTH, AND DRAWINGS BY SYMMES MAINI & MCKEE ASSOCIATES TITLED "22 WATER STREET RESIDENCES" REV1 DATED 10/22/13.
 - EQUIPMENT LOCATION & ORIENTATION PENDING STRUCTURAL ANALYSIS BY DEWBERRY ENGINEERS INC.
 - STARRY REQUIRES (1) 2-POLE 60A CIRCUIT BREAKER TO BE INSTALLED IN AN EXISTING POWER PANEL INSIDE PENTHOUSE. SOURCE & ROUTING SHOWN PENDING ELECTRICAL LOAD STUDY.
 - ALL PROPOSED FACADE MOUNTED ANTENNAS & CONDUITS SHALL BE PAINTED TO MATCH BUILDING. COORDINATE COLOR WITH STARRY CM AND BUILDING OWNER.

PARTIAL NORTH ELEVATION

SCALE: 3/64"=1' FOR 11"x17"
3/32"=1' FOR 22"x34"

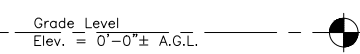


1



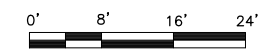
NOTES:

1. SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
2. NORTH ARROW SHOWN AS APPROXIMATE.
3. THIS IS FOR ZONING PURPOSES ONLY. NOT FOR CONSTRUCTION.
4. PLANS BASED ON FIELD OBSERVATIONS DURING SITE VISIT BY DEWBERRY ENGINEERS INC. ON 10/22/19, GOOGLE EARTH, AND DRAWINGS BY SYMMES MAINI & MCKEE ASSOCIATES TITLED "22 WATER STREET RESIDENCES" REV1 DATED 10/22/13.
5. EQUIPMENT LOCATION & ORIENTATION PENDING STRUCTURAL ANALYSIS BY DEWBERRY ENGINEERS INC.
6. STARRY REQUIRES (1) 2-POLE 60A CIRCUIT BREAKER TO BE INSTALLED IN AN EXISTING POWER PANEL INSIDE PENTHOUSE. SOURCE & ROUTING SHOWN PENDING ELECTRICAL LOAD STUDY.
7. ALL PROPOSED FACADE MOUNTED ANTENNAS & CONDUITS SHALL BE PAINTED TO MATCH BUILDING. COORDINATE COLOR WITH STARRY CM AND BUILDING OWNER.



PARTIAL SOUTH ELEVATION

SCALE: 3/64"=1' FOR 11"x17"
3/32"=1' FOR 22"x34"



1



38 CHAUNCY STREET
2ND FLOOR
BOSTON, MA 02111



Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310



DRAWN BY:	SK
CHECKED BY:	OAS
APPROVED BY:	BBR
PROJECT #:	50122290
JOB #:	50122324

ZONING DRAWINGS		
REV.	DATE	DESCRIPTION
1	02/02/22	FOR SUBMITTAL
0	10/05/20	FOR SUBMITTAL
A	07/21/20	FOR REVIEW

SITE NUMBER:
MACAM0050

SITE NAME:
LECHMERE (VA)

SITE ADDRESS:
22 WATER ST.
CAMBRIDGE, MA 02141

SHEET TITLE
SOUTH ELEVATION

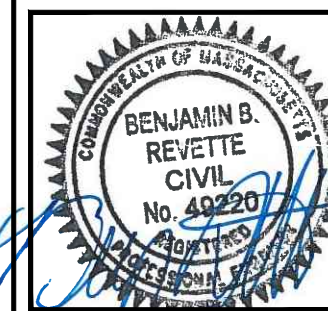
SHEET NUMBER
Z-6



38 CHAUNCY STREET
2ND FLOOR
BOSTON, MA 02111



Dewberry Engineers Inc.
99 SUMMER STREET
SUITE 700
BOSTON, MA 02110
PHONE: 617.695.3400
FAX: 617.695.3310



DRAWN BY:	SK
CHECKED BY:	OAS
APPROVED BY:	BBR
PROJECT #:	50122290
JOB #:	50122324

ZONING DRAWINGS		
REV.	DATE	DESCRIPTION
1	02/02/22	FOR SUBMITTAL
0	10/05/20	FOR SUBMITTAL
A	07/21/20	FOR REVIEW

SITE NUMBER:
MACAM0050

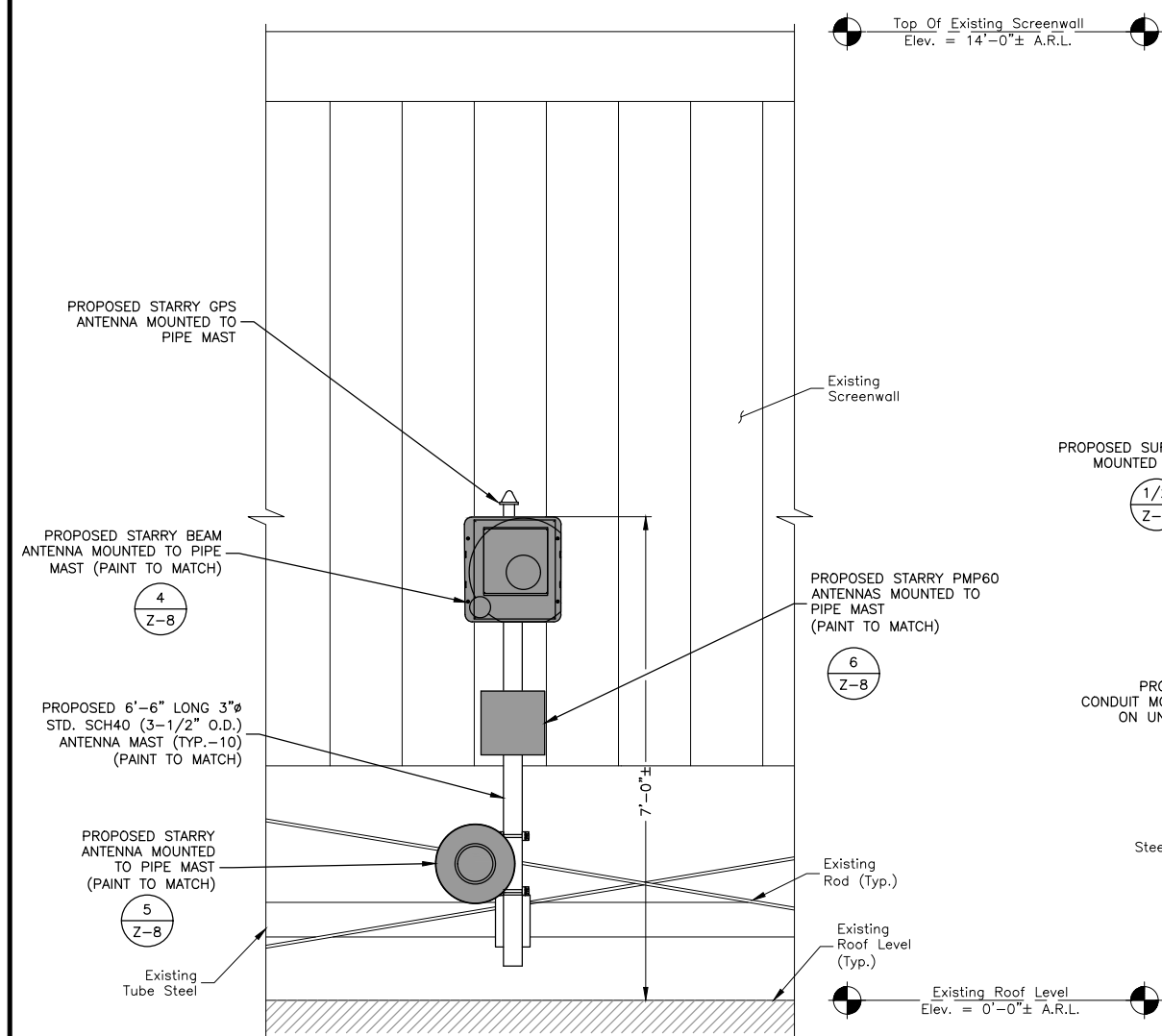
SITE NAME:
LECHMERE (VA)

SITE ADDRESS:
22 WATER ST.
CAMBRIDGE, MA 02141

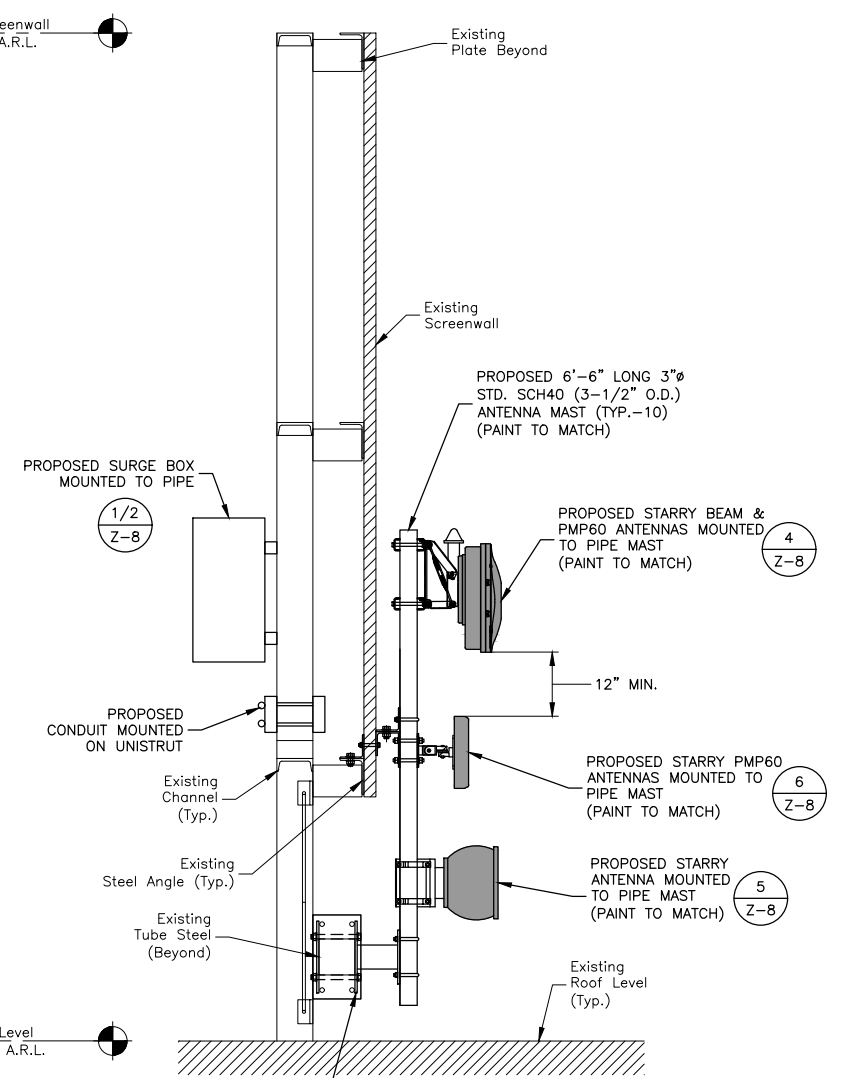
SHEET TITLE
EQUIPMENT DETAILS-I

SHEET NUMBER
Z-7

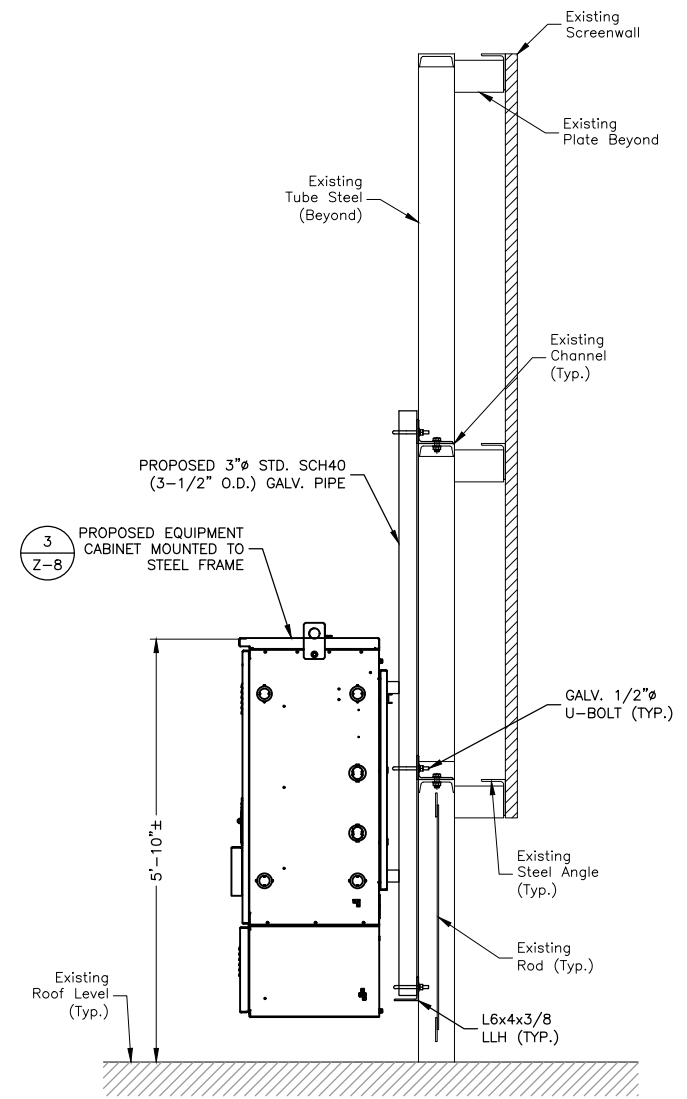
NOT FOR CONSTRUCTION



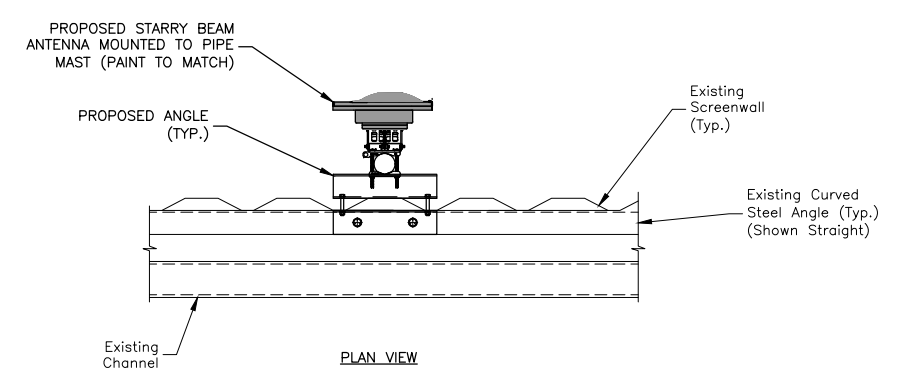
FRONT VIEW



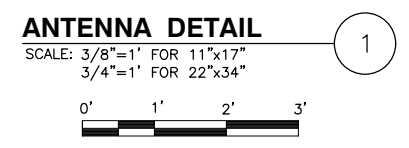
SIDE VIEW



SIDE VIEW

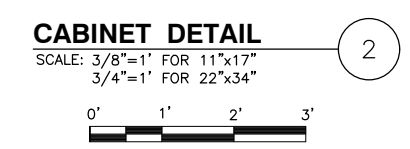


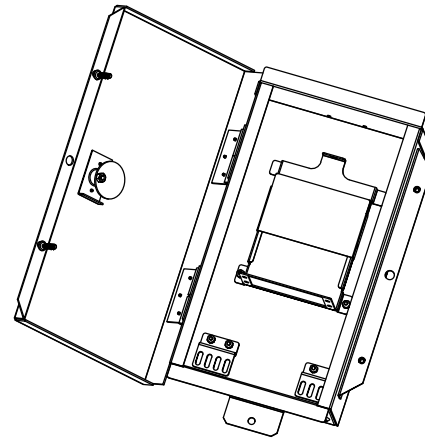
PLAN VIEW



- NOTES:**
- SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
 - CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO INSTALLATION OF STEEL FRAME.
 - A NEOPRENE GASKET IS TO BE USED BETWEEN ALL DISSIMILAR METALS CONNECTIONS.
 - ANTENNA CABLING NOT SHOWN ON DETAIL. NEATLY BUNDLE & PROVIDE MOUNTING HARDWARE FOR CABLES.
 - A.R.L. = ABOVE ROOF LEVEL

- NOTES:**
- MOUNT CABINET PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
 - GROUND CABINET AND MOUNTS PER MANUFACTURER'S RECOMMENDATIONS AND STARRY STANDARDS.
 - PROVIDE 1-5/8" GALV. UNISTRUT AT TOP & BOTTOM TO MOUNT THE PROPOSED CABINET TO WALL. PROVIDE END CAPS FOR THE UNISTRUT.
 - EQUIPMENT LOCATION & ORIENTATION PENDING STRUCTURAL ANALYSIS BY DEWBERRY ENGINEERS INC.
 - PROVIDE SILICON WEATHERSEAL AROUND WALL PENETRATIONS AS REQUIRED.





ENCLOSURE SPECIFICATIONS

HEIGHT: 24.0"
 WIDTH: 24.0"
 DEPTH: 12.0"

NOTES:

1. FMB = FIBER MANAGEMENT BOX.
2. MOUNT FMB & SURGE BOX TO ANTENNA MAST IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.

SURGE BOX DETAIL

SCALE: N.T.S.

1



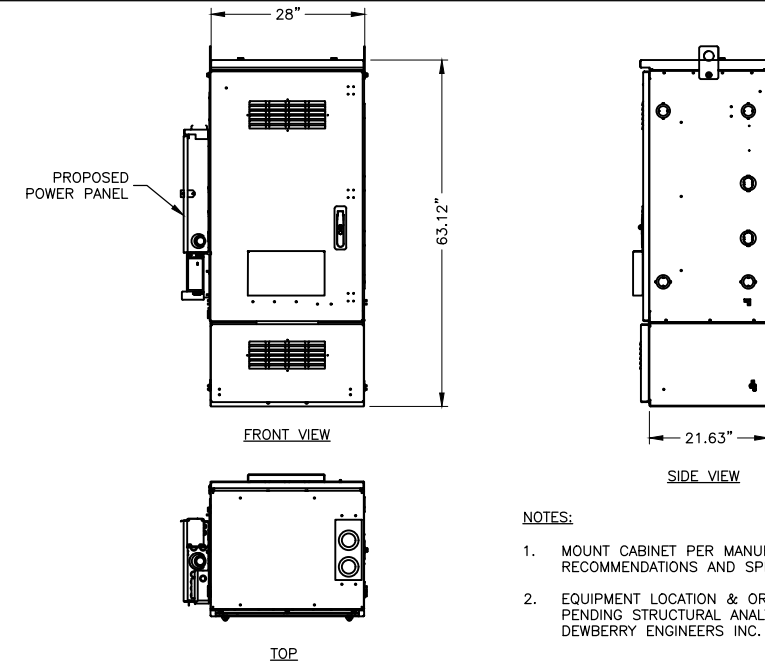
ENCLOSURE SPECIFICATIONS

HEIGHT: 24.0"
 WIDTH: 24.0"
 DEPTH: 12.0"

FIBER MANAGEMENT BOX

SCALE: N.T.S.

2



CABINET SPECIFICATIONS

MANUF: CHARLES INDUSTRIES
 HEIGHT: 63.12"
 DEPTH: 21.63"
 WIDTH: 28.00"
 WEIGHT: 1,000 LBS.

EQUIPMENT CABINET

SCALE: N.T.S.

3

NOTES:

1. MOUNT CABINET PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
2. EQUIPMENT LOCATION & ORIENTATION PENDING STRUCTURAL ANALYSIS BY DEWBERRY ENGINEERS INC.

GENERAL ANTENNA NOTES:

1. MOUNT EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
2. GROUND EQUIPMENT AND MOUNTS PER MANUFACTURER'S RECOMMENDATIONS AND STARRY STANDARDS.
3. CABLE CONNECTIONS NOT SHOWN FOR CLARITY.
4. PROPOSED CABLES TO BE NEATLY BUNDLED & SECURED TO MAIN PIPE MAST.



ANTENNA SPECIFICATIONS

MANUF: T.B.D.
 MODEL: STARRY BEAM 200
 LENGTH: 16"
 WIDTH: 18"
 DEPTH: 7.2"
 WEIGHT: 39.6 LBS.

NOTES:

1. MOUNT ANTENNA PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
2. GROUND ANTENNA AND MOUNTS PER MANUFACTURER'S RECOMMENDATIONS AND STARRY STANDARDS.
3. CONFIRM REQUIRED ANTENNAS WITH THE LATEST ANTENNA DESIGN.

STARRY BEAM ANTENNA DETAIL

SCALE: N.T.S.

4



ANTENNA SPECIFICATIONS

DIAMETER: 12"

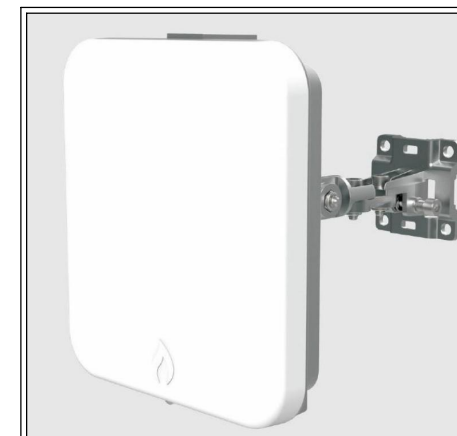
NOTES:

1. MOUNT ANTENNA PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
2. GROUND ANTENNA AND MOUNTS PER MANUFACTURER'S RECOMMENDATIONS AND STARRY STANDARDS.
3. CONFIRM REQUIRED ANTENNAS WITH THE LATEST ANTENNA DESIGN.

BRIDGEWAVE 80GHZ ANTENNA

SCALE: N.T.S.

5



ANTENNA DOWNTILT BRACKET

METROLINQ BEAMFORMING (PMP60) ANTENNA DETAIL

SCALE: N.T.S.

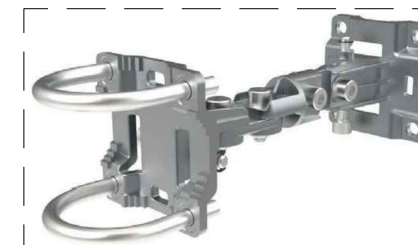
6

ANTENNA SPECIFICATIONS

MANUF: IGNITENET
 MODEL: METROLINQ 2.5G 60BM SECTOR
 LENGTH: 7.48"
 WIDTH: 7.48"
 DEPTH: 2.36"
 WEIGHT: 4.41 LBS.

NOTES:

1. MOUNT EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
2. GROUND EQUIPMENT AND MOUNTS PER MANUFACTURER'S RECOMMENDATIONS AND STARRY STANDARDS.
3. CONFIRM REQUIRED ANTENNAS WITH THE LATEST ANTENNA DESIGN.



NOT FOR CONSTRUCTION



38 CHAUNCY STREET
 2ND FLOOR
 BOSTON, MA 02111



Dewberry Engineers Inc.
 99 SUMMER STREET
 SUITE 700
 BOSTON, MA 02110
 PHONE: 617.695.3400
 FAX: 617.695.3310



DRAWN BY:	SK
CHECKED BY:	OAS
APPROVED BY:	BBR
PROJECT #:	50122290
JOB #:	50122324

ZONING DRAWINGS		
REV.	DATE	DESCRIPTION
1	02/02/22	FOR SUBMITTAL
0	10/05/20	FOR SUBMITTAL
A	07/21/20	FOR REVIEW

SITE NUMBER:
 MACAM0050

SITE NAME:
 LECHMERE (VA)

SITE ADDRESS:
 22 WATER ST.
 CAMBRIDGE, MA 02141

SHEET TITLE
 EQUIPMENT DETAILS-II

SHEET NUMBER
 Z-8