



DRAWING INDEX	
###	SHEET NAME
0-GENERAL	
G0.0	COVER SHEET
1-CIVIL	
C1.0	SITE LAYOUT AND UTILITY PLAN
C1.1	GRADING PLAN
C2.0	DETAILS I
C2.1	DETAILS II
2-LANDSCAPE	
L1.0	LANDSCAPE PLAN
L2.0	LANDSCAPE PLAN
L3.0	LANDSCAPE PLAN
L4.0	LANDSCAPE LIGHTING PLAN
3-ARCHITECTURAL	
A1.0	PARKING
A1.1	FIRST FLOOR PLAN
A1.2	SECOND FLOOR PLAN
A1.3	THIRD FLOOR PLAN
A1.4	FOURTH FLOOR PLAN
A1.5	FIFTH FLOOR PLAN
A1.6	ZONING CONSIDERATIONS
A2.1	EXTERIOR ELEVATIONS
A2.2	EXTERIOR ELEVATIONS
A7.1	PERSPECTIVES
A7.2	PERSPECTIVE RENDERINGS
A7.3	PERSPECTIVE RENDERINGS
A7.4	EXISTING SITE PHOTOS
A8.1	SOLAR STUDY

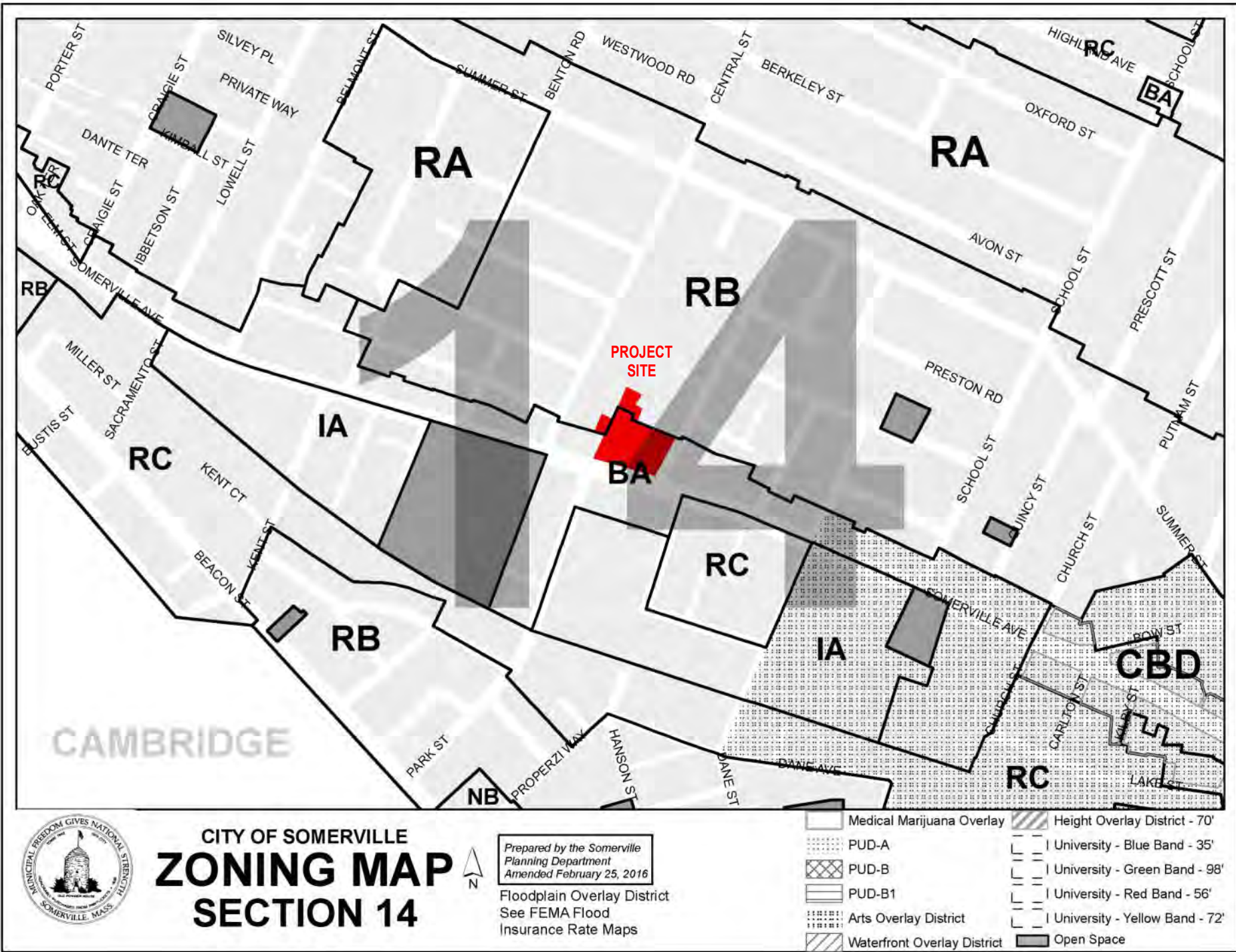


CambridgeSeven



Owner

The Noannet Group  
40 Trinity Place  
Boston, MA



PROPOSED: CAMBRIA HOTEL  
515 Somerville Ave

- Architect
- CAMBRIDGE SEVEN ASSOCIATES, INC.  
Cambridge, MA
- Civil Engineer
- DCI  
Somerville, MA
- Structural Engineer
- ODEH ENGINEERS  
Providence, RI
- Landscape Consultant
- VERDANT LANDSCAPE ARCHITECTURE  
Brookline, MA
- Lighting Consultant
- APEX LIGHTING SOLUTIONS  
Boston, MA

08/27/2018







ALL WORK PERFORMED AS PART OF THIS PROJECT SHALL CONFORM TO CITY OF SOMERVILLE, DEPT. OF PUBLIC WORKS AND ANY OTHER AGENCY WITH AUTHORITY IN THIS AREA.

AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

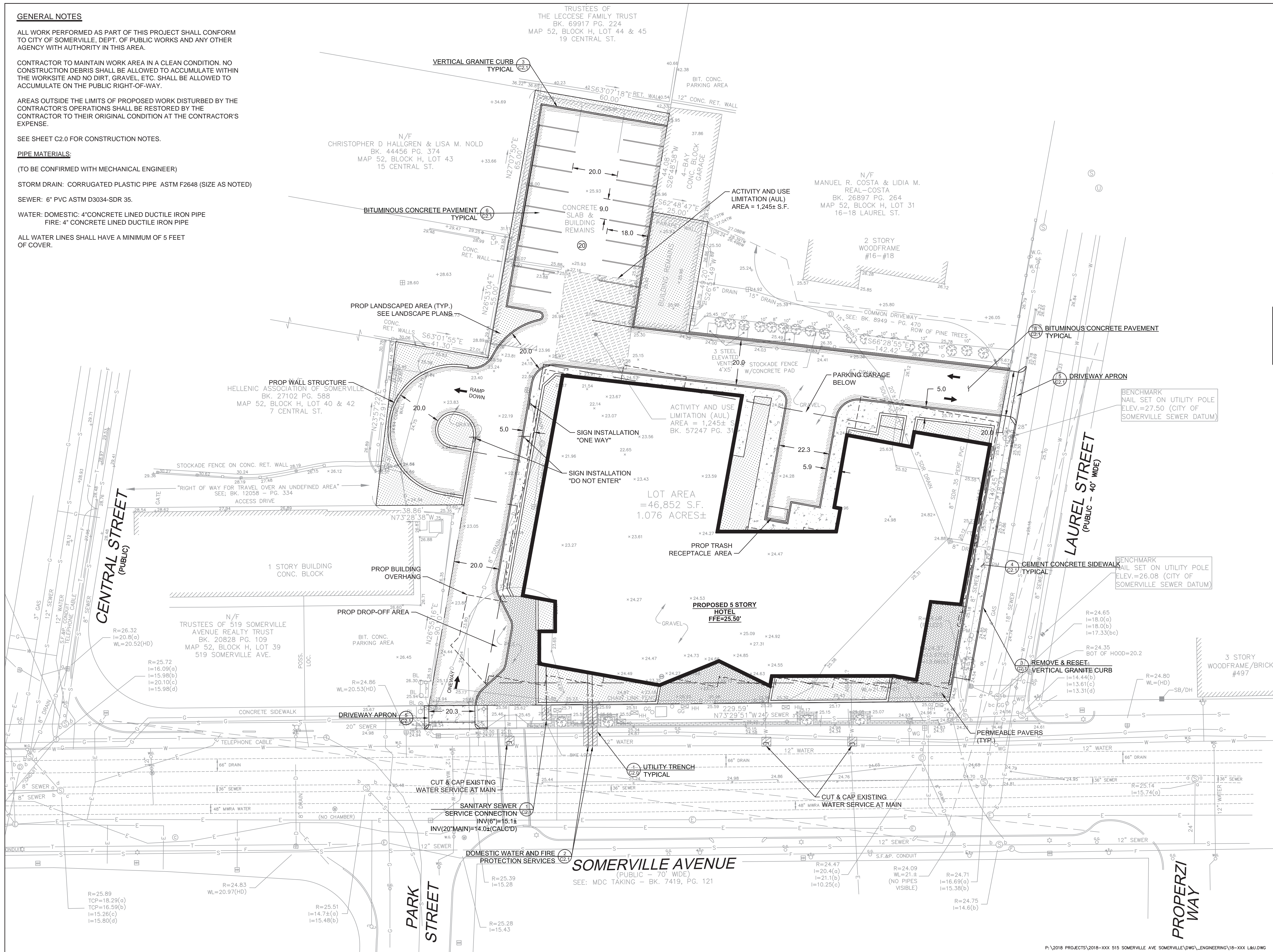
PIPE MATERIALS:

STORM DRAIN: CORRUGATED PLASTIC PIPE ASTM F2648 (SIZE AS NOTED)

SEWER: 6" PVC ASTM D3034-SDR 35

WATER: DOMESTIC: 4"CONCRETE LINED DUCTILE IRON PIPE  
FIRE: 4" CONCRETE LINED DUCTILE IRON PIPE

ALL WATER LINES SHALL HAVE A MINIMUM OF 5 FEET OF COVER.



The Noannet Group  
**515 Somerville  
Ave**

# CambridgeSeven

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007

Consultant Name and Logo



Number	Revision	Date

Job #	2018-XXX		
Project	515 Somerville Ave		
Drawn By	ES/DM	Checked	ES
Date	08/28/2018		
Scale	1" = 20'		

# Drawing Title

## SITE LAYOUT & UTILITY PLAN

# C1.0



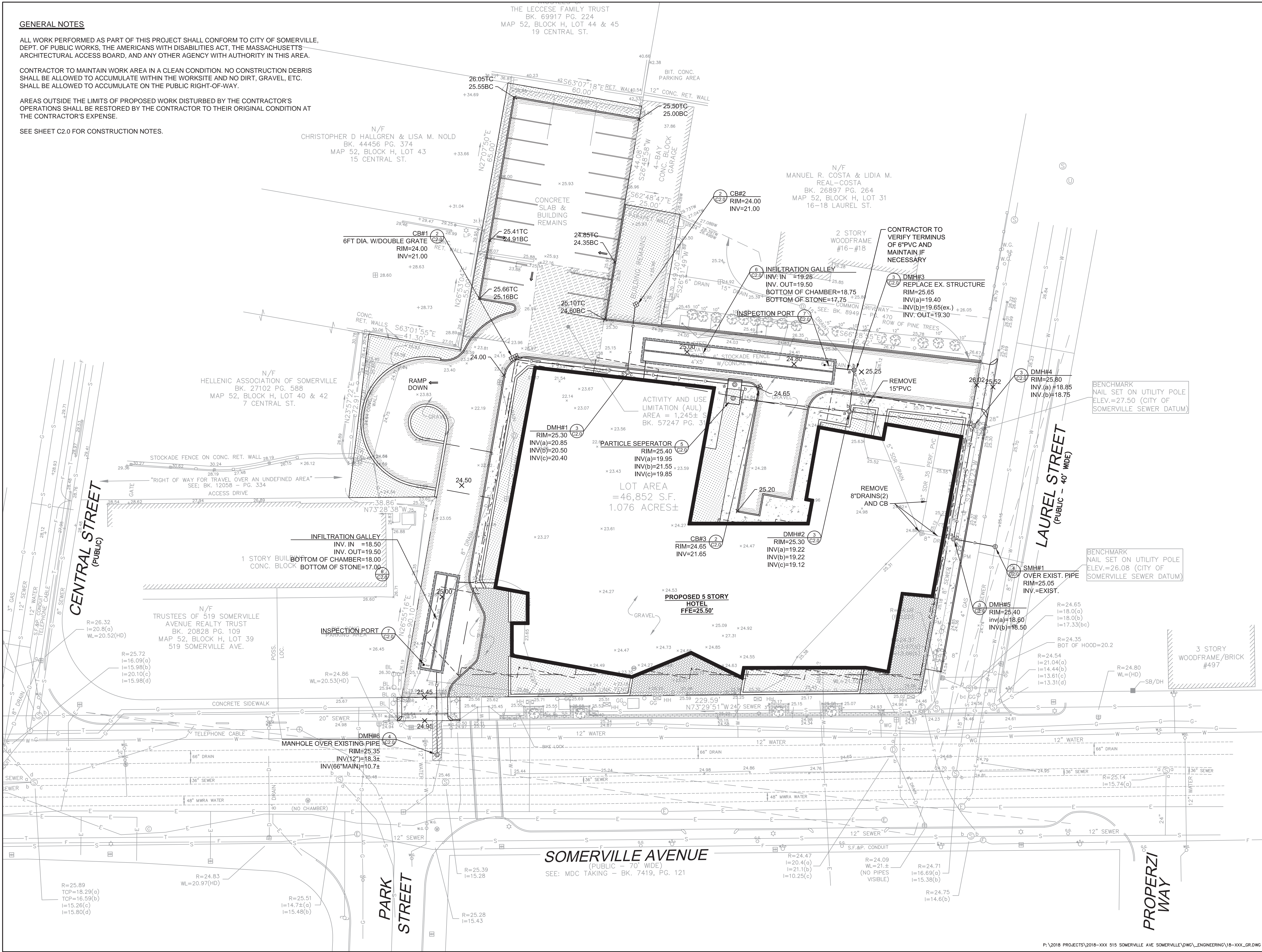
GENERAL NOTES

ALL WORK PERFORMED AS PART OF THIS PROJECT SHALL CONFORM TO CITY OF SOMERVILLE, DEPT. OF PUBLIC WORKS, THE AMERICANS WITH DISABILITIES ACT, THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD, AND ANY OTHER AGENCY WITH AUTHORITY IN THIS AREA.

CONTRACTOR TO MAINTAIN WORK AREA IN A CLEAN CONDITION. NO CONSTRUCTION DEBRIS SHALL BE ALLOWED TO ACCUMULATE WITHIN THE WORKSITE AND NO DIRT, GRAVEL, ETC. SHALL BE ALLOWED TO ACCUMULATE ON THE PUBLIC RIGHT-OF-WAY.

AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

SEE SHEET C2.0 FOR CONSTRUCTION NOTES.



The Noannet Group

515 Somerville Ave

CambridgeSeven

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007

Consultant Name and Logo



Number	Revision	Date
--------	----------	------

Job #	2018-xxx
Project	515 Somerville Ave
Drawn By	ES/DM
Checked	ES
Date	08/28/2018
Scale	1"=20'

Grading and  
Drainage Plan

C1.1





The Noannet Group  
**515 Somerville Ave**

**CambridgeSeven**

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007

Consultant Name and Logo

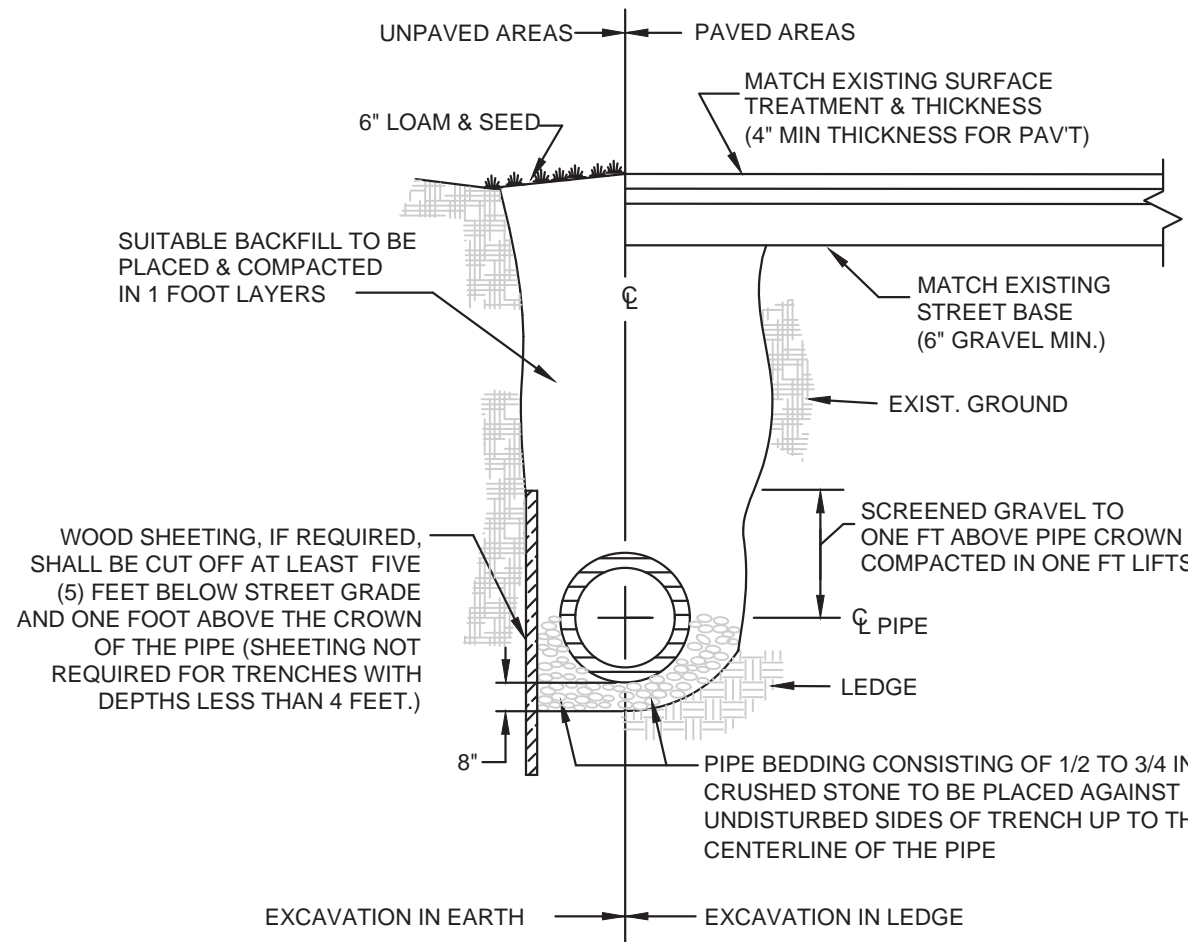


Number	Revision	Date

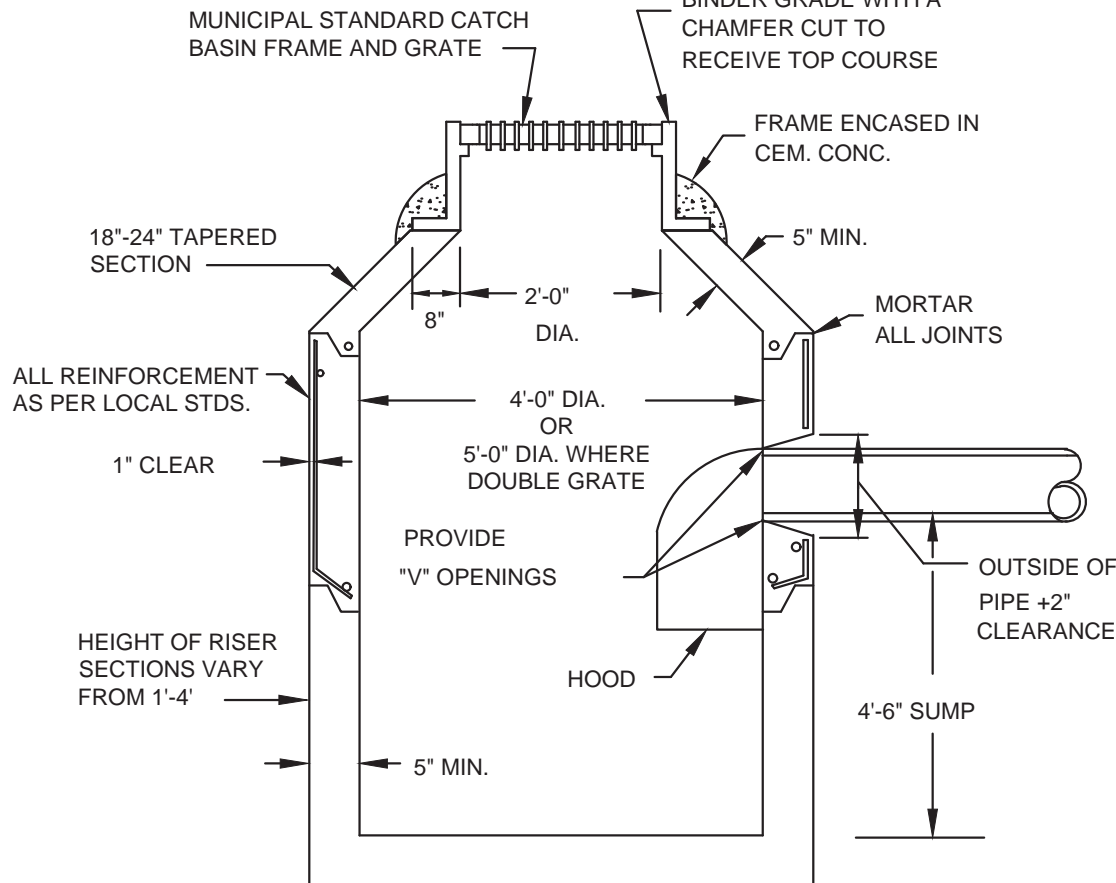
Job #	2018-xxx		
Project	515 Somerville Ave		
Drawn By	ES/DM	Checked	ES
Date	08/28/2018		
Scale	NTS		

Drawing Title  
**DETAILS I**

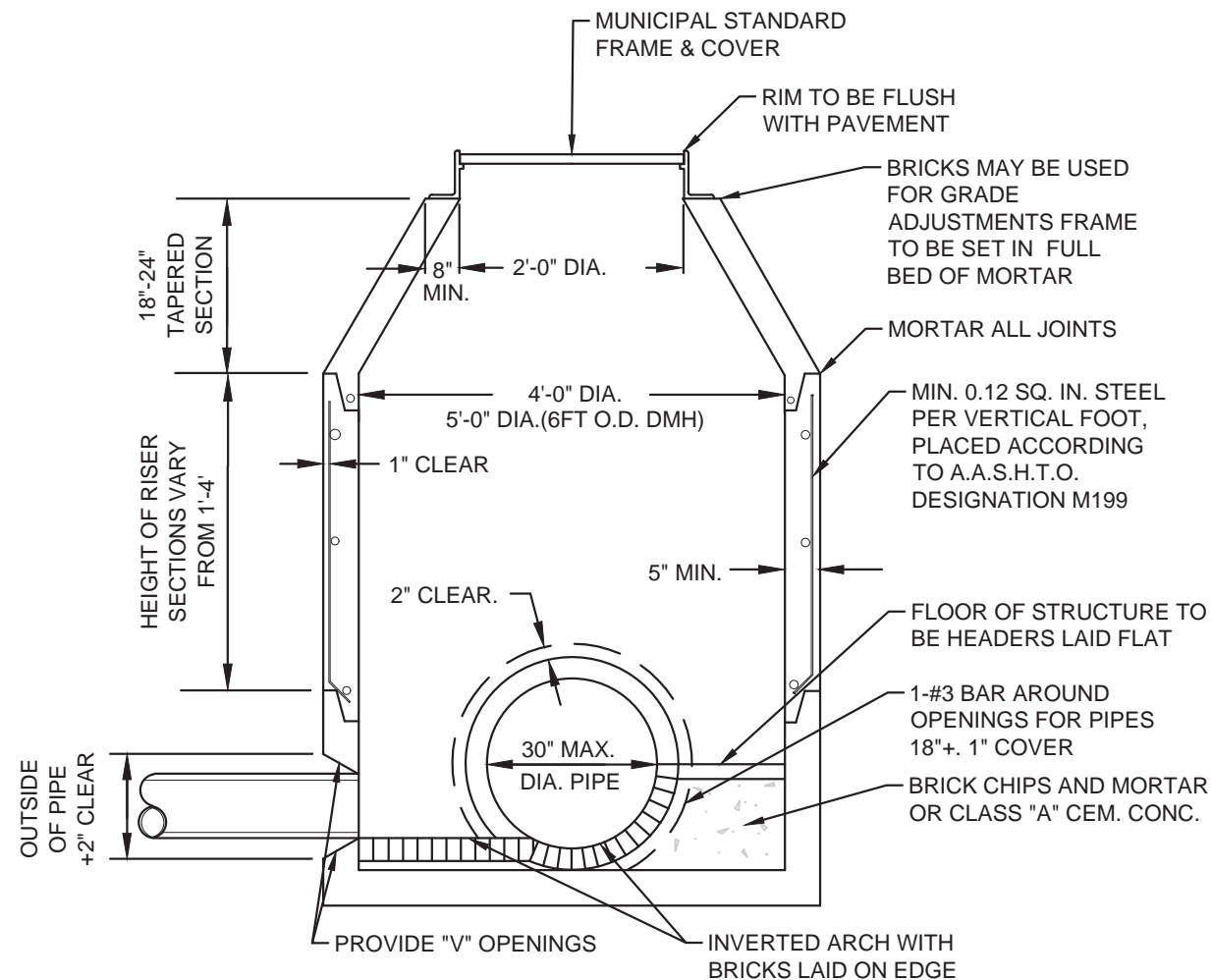
**C2.0**



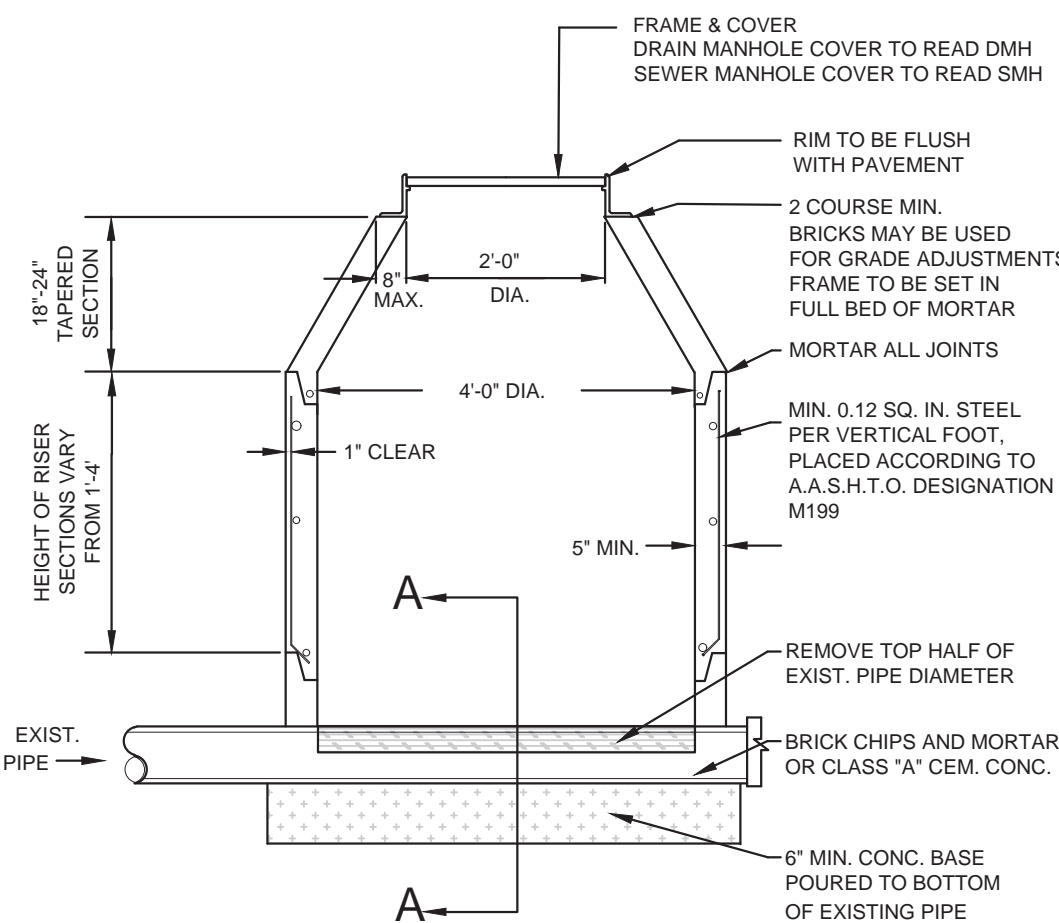
**1 UTILITY TRENCH**  
NOT TO SCALE



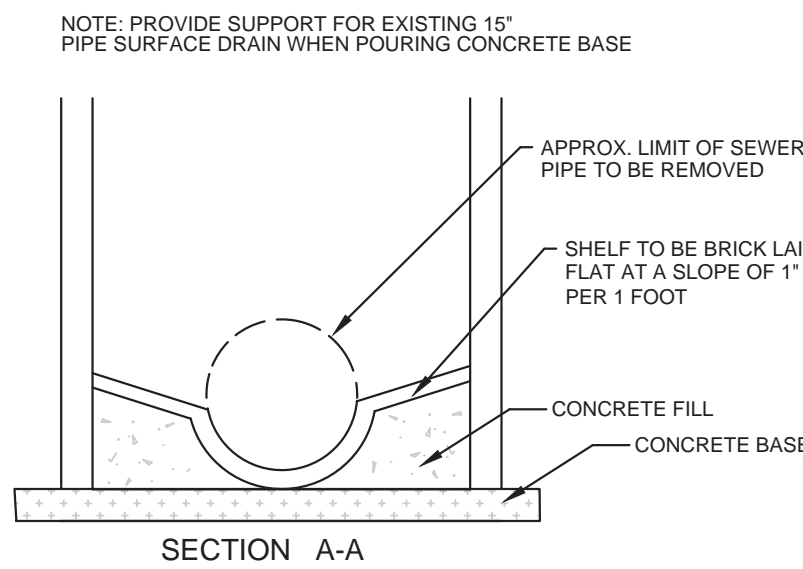
**2 CB (CATCH BASIN)**  
NOT TO SCALE



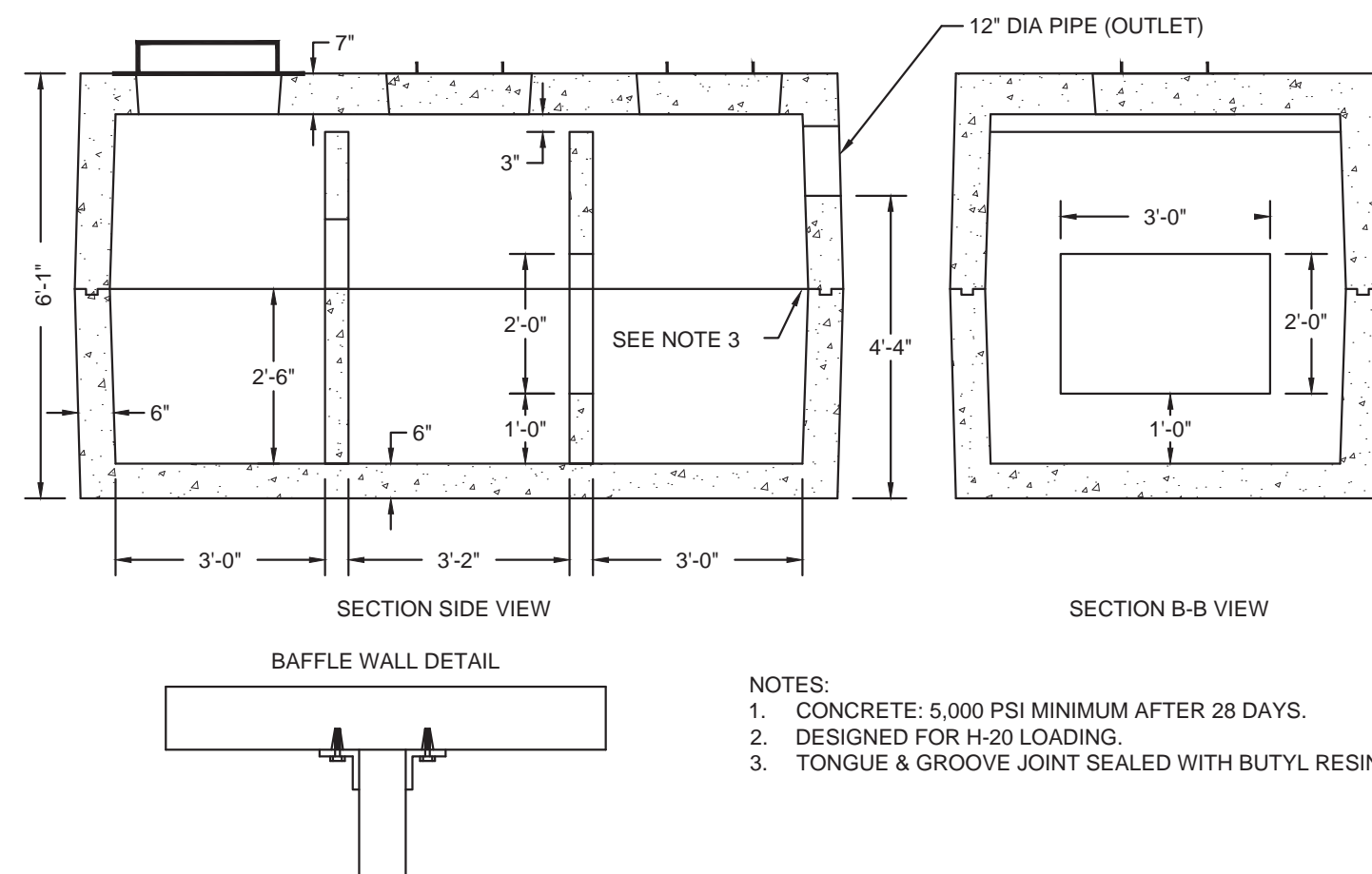
**3 DMH (DRAIN MANHOLE)**  
NOT TO SCALE



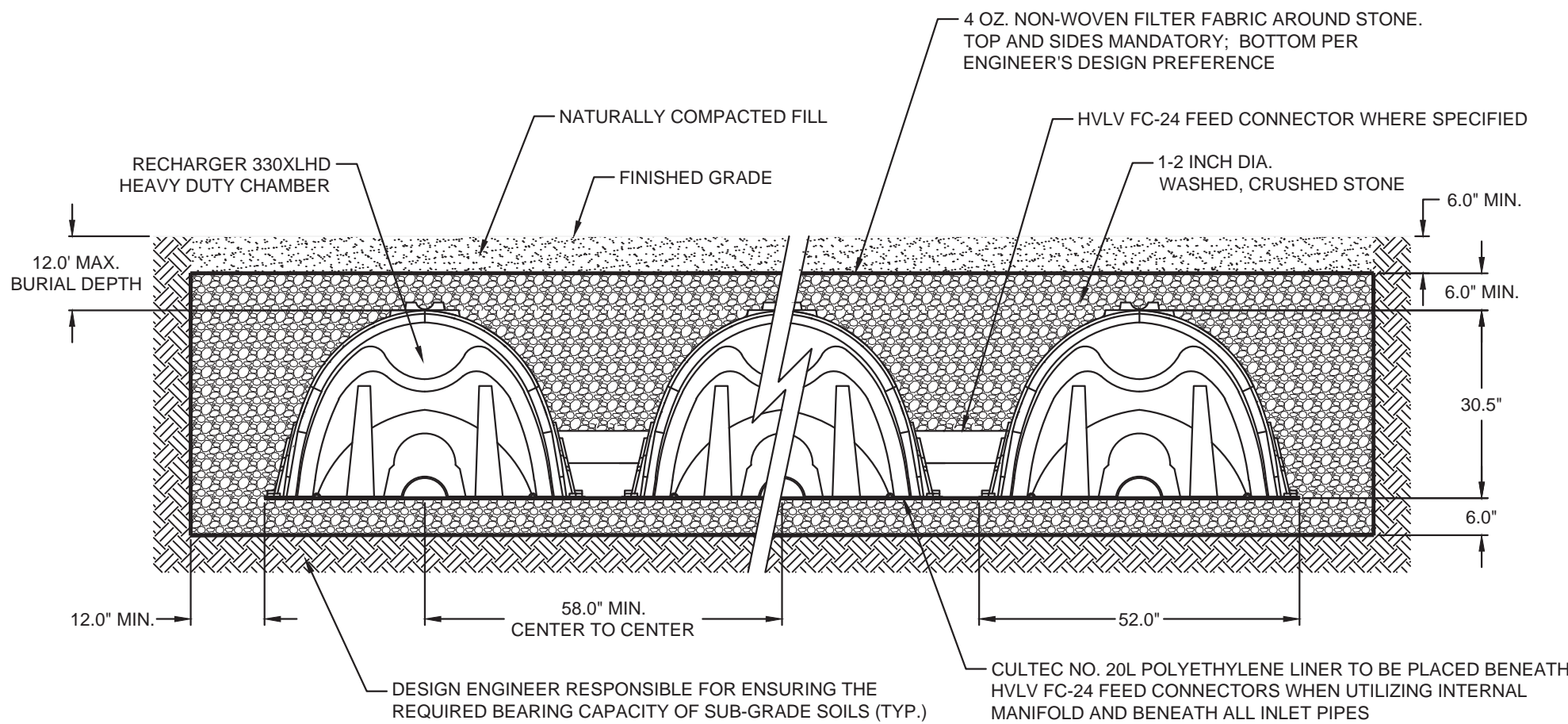
**4 DMH OVER EXISTING PIPE**  
NOT TO SCALE



SECTION A-A



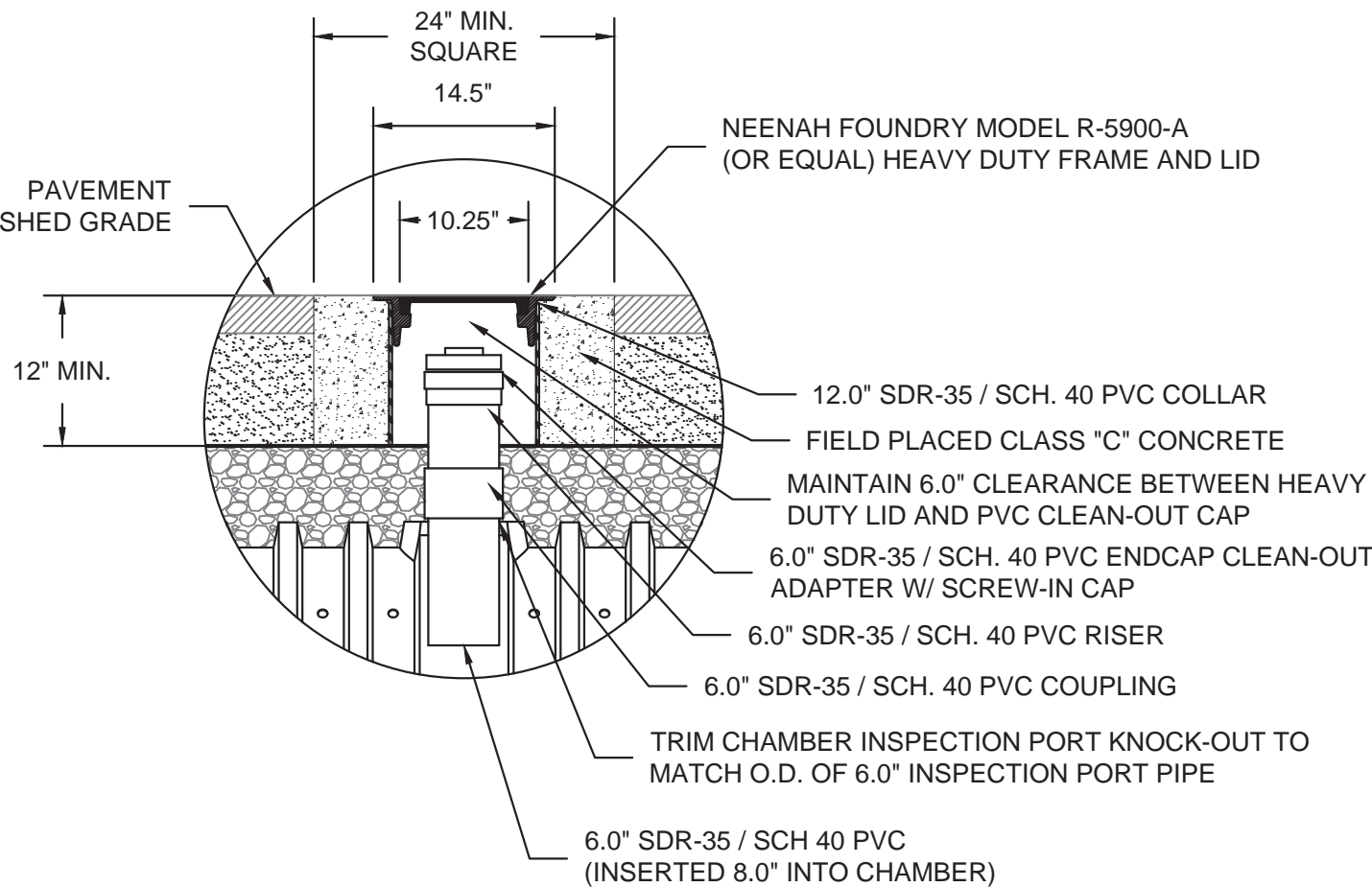
**5 PARTICLE SEPARATOR - 1,500 GALLON TANK**  
NOT TO SCALE



**GENERAL NOTES**  
RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT.  
STORAGE PROVIDED = 11.32 CF/FT PER DESIGN UNIT.  
REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES.  
THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS

ALL RECHARGER 330XL HD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER.  
ALL RECHARGER 330XL HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS

**6 INFILTRATION TRENCH**  
NOT TO SCALE



**7 INSPECTION PORT**  
NOT TO SCALE





The Noannet Group

# 515 Somerville Ave

## CambridgeSeven

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007

Consultant Name and Logo



Job # 2018-xxx

Project 515 Somerville Ave

Drawn By ES/DM

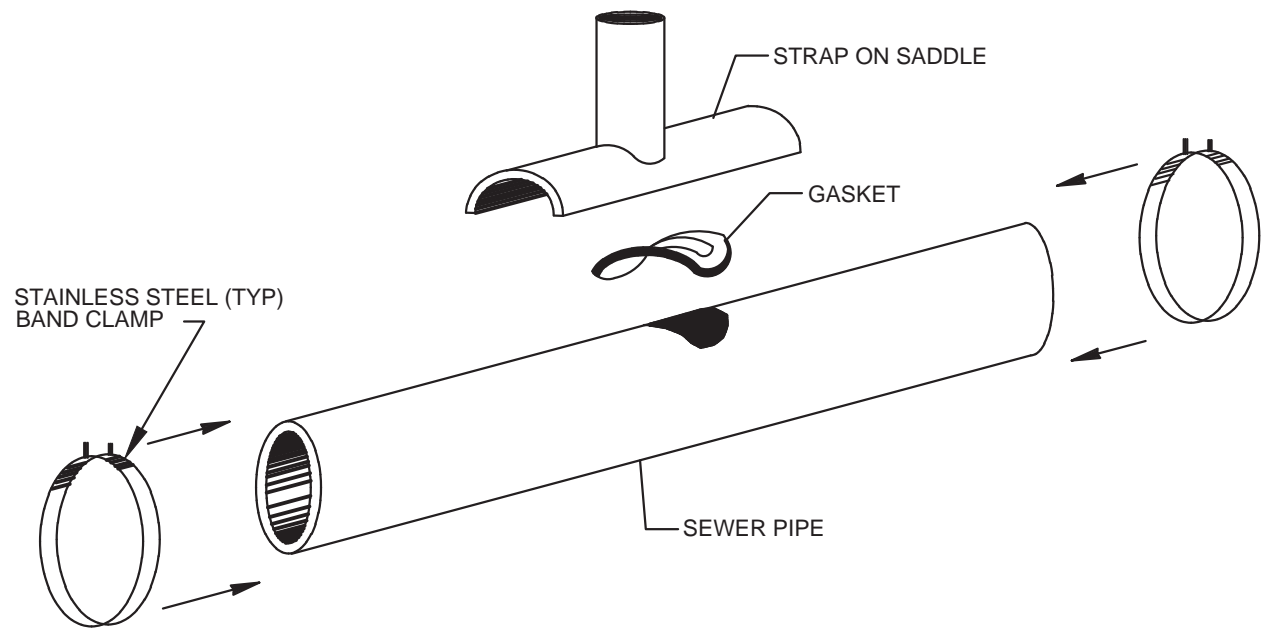
Checked ES

Date 08/28/2018

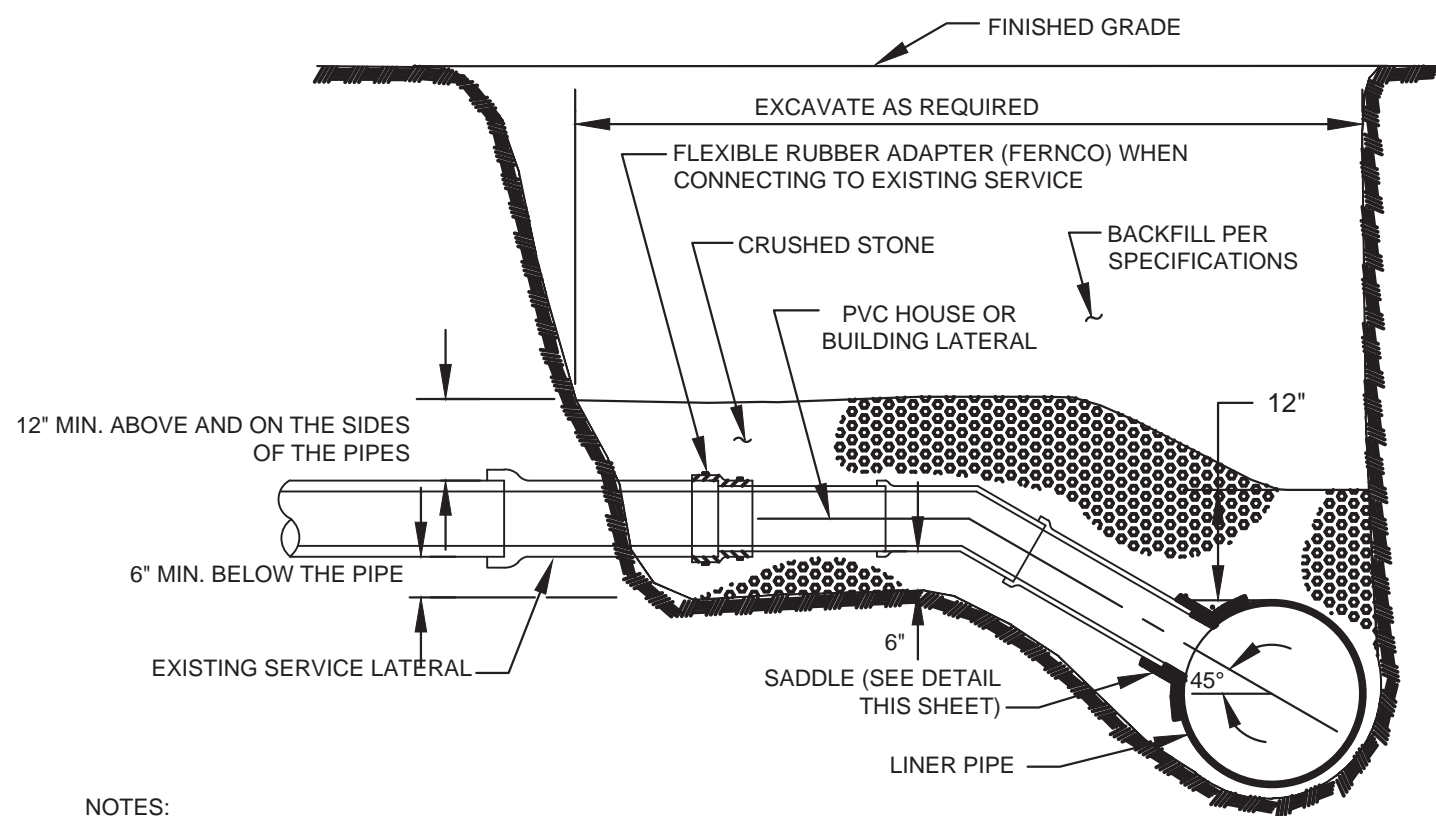
Scale NTS

Drawing Title  
DETAILS II

# C2.1



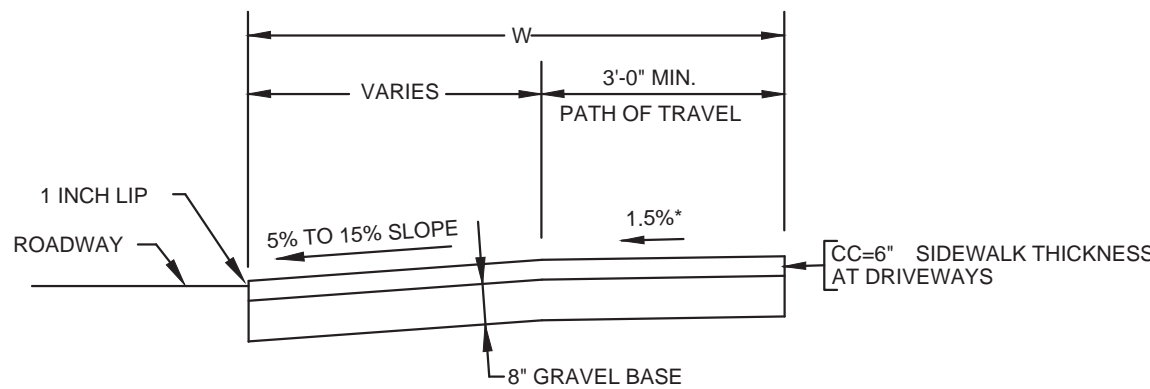
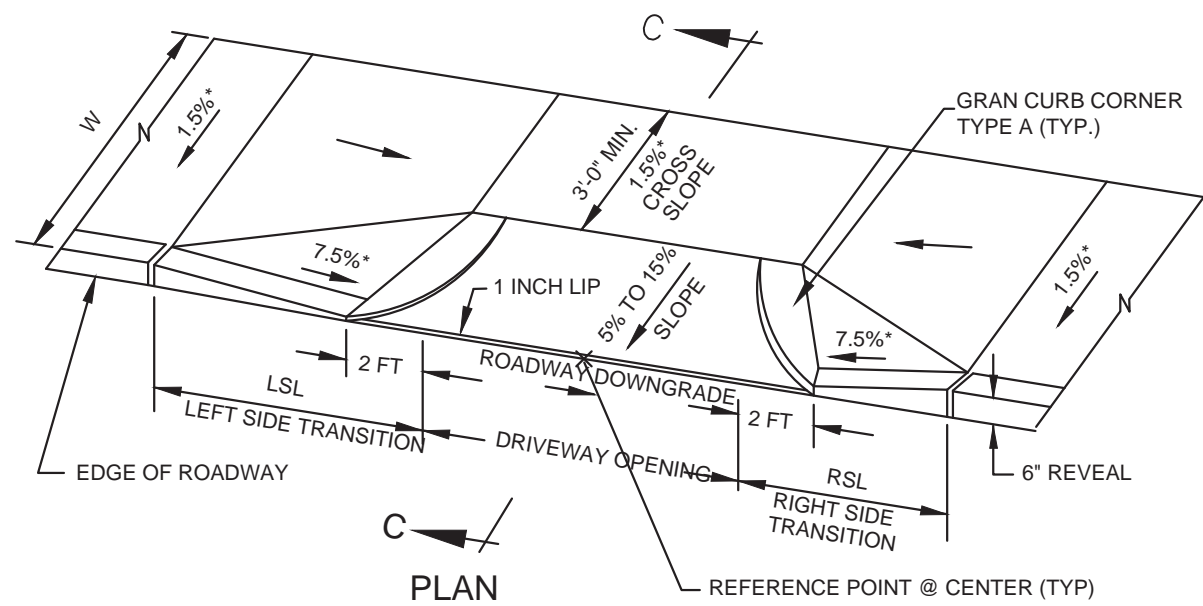
SADDLE CONNECTION - PLAN  
NOT TO SCALE



NOTES:  
1. REPLACE EXISTING SERVICE LINE TO EXTENT SHOWN ON PLAN/PROFILES AND AS SPECIFIED.

SADDLE CONNECTION - SECTION  
NOT TO SCALE

### 1 SANITARY SEWER SERVICE NOT TO SCALE

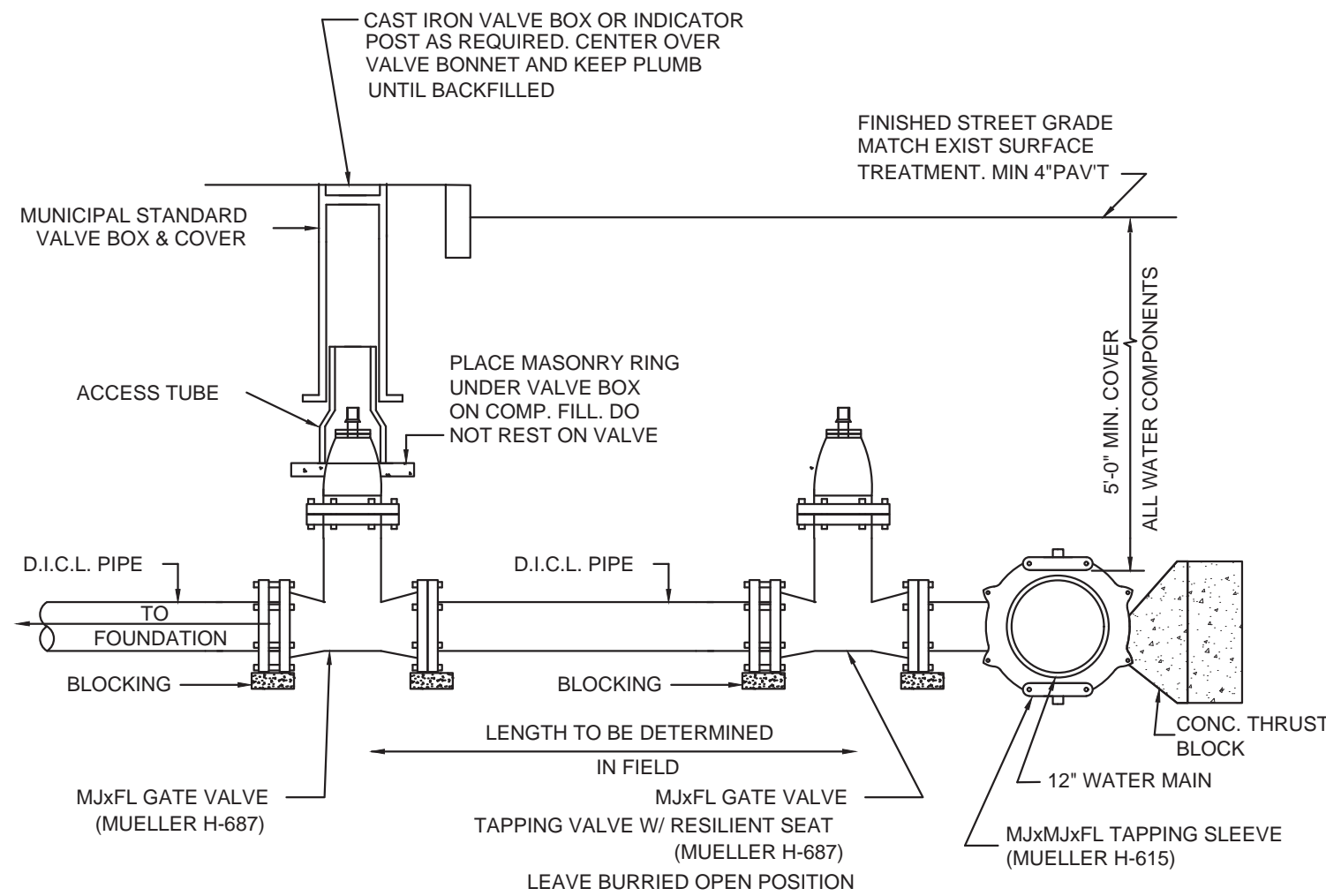


#### LEGEND:

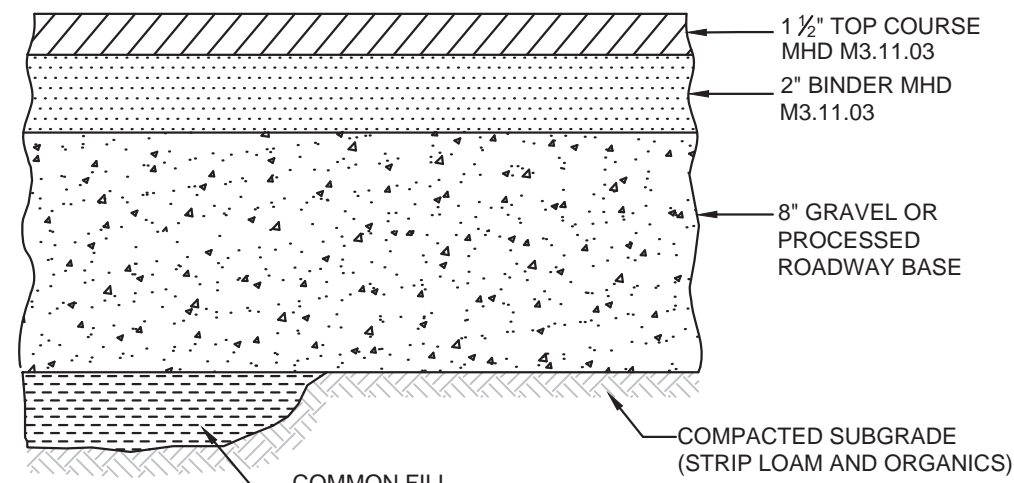
LSL = LEFT SIDE FRONT TRANSITION LENGTH  
RSL = RIGHT SIDE FRONT TRANSITION LENGTH  
W = SIDEWALK WIDTH

\* = TOLERANCE FOR CONSTRUCTION ±0.5%

### 5 DRIVEWAY APRON NOT TO SCALE



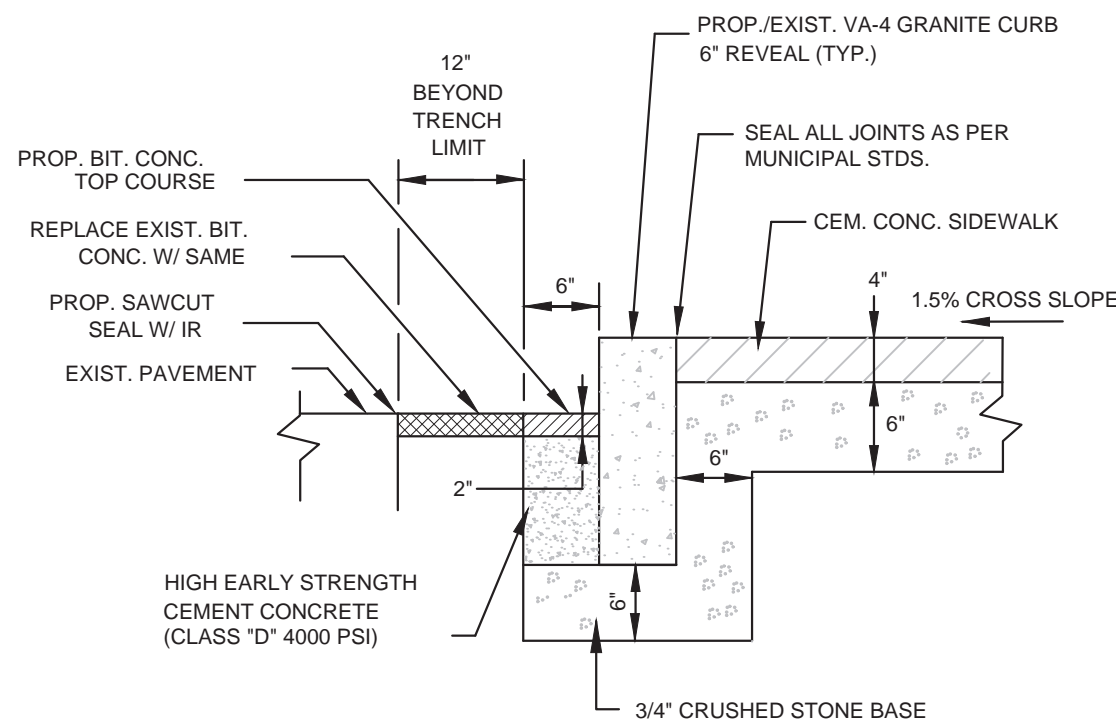
### 2 WATER SERVICE CONNECTION NOT TO SCALE



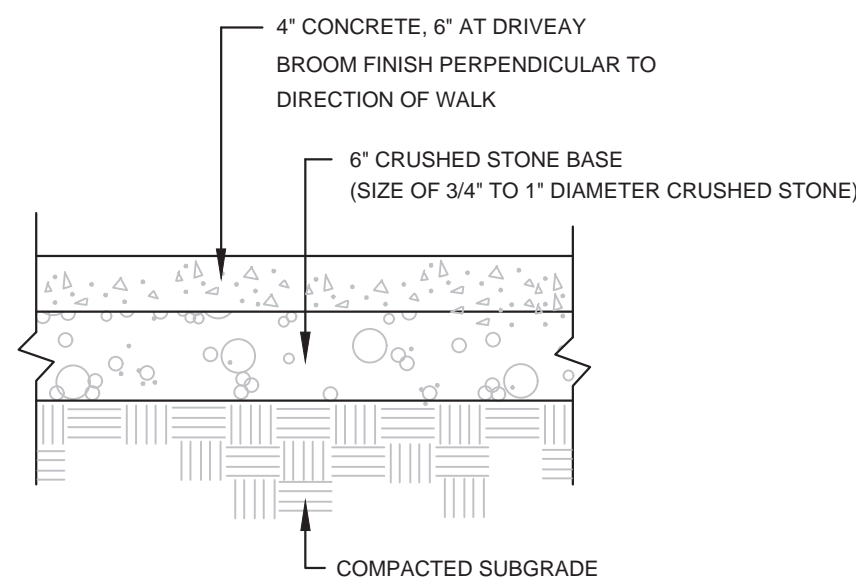
#### NOTE:

1. SEE SITE LAYOUT PLAN FOR PAVEMENT WIDTH AND LOCATION.
2. SEE GRADING PLAN FOR PAVEMENT SLOPE AND CROSS-SLOPE.

### 6 BITUMINOUS CONCRETE PAVEMENT NOT TO SCALE



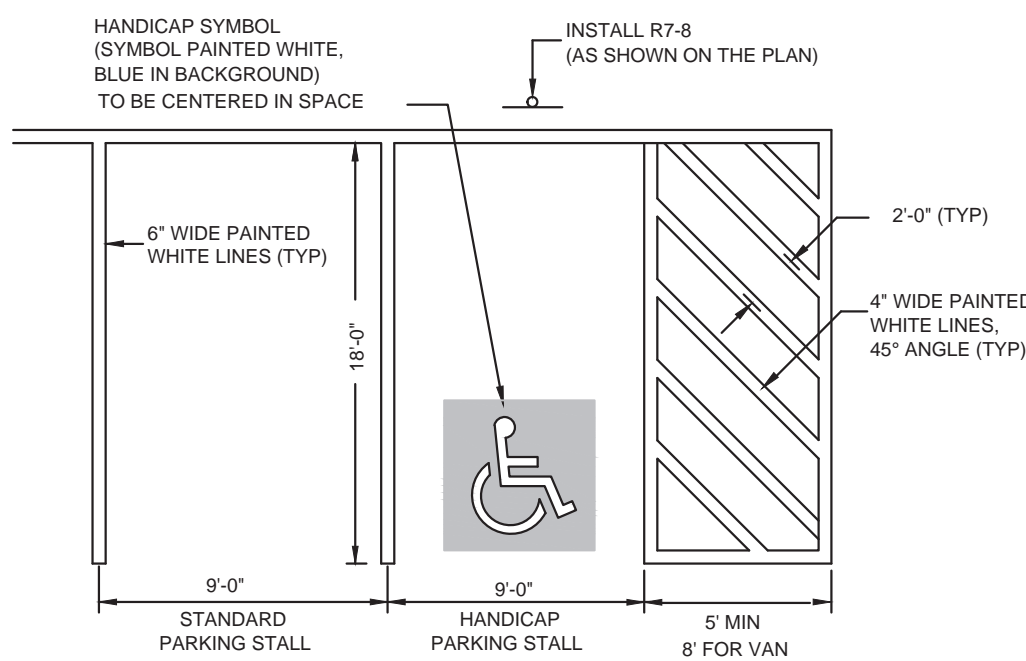
### 3 VERTICAL GRANITE CURB (NEW OR RESET) NOT TO SCALE



#### NOTES:

1. PROVIDE 1/2\"/>
2. PROVIDE A TOOLED DUMMY JOINT 1/2\"/>

### 4 CEMENT CONCRETE PAVEMENT NOT TO SCALE



#### NOTE:

1. ALL PAINT SHALL BE FAST DRYING WHITE TRAFFIC PAINT, MEET THE REQUIREMENTS OF AASHTO M248-TYPE N. PAINT SHALL BE APPLIED AS SPECIFIED BY MANUFACTURER.
2. SYMBOLS & PARKING STALLS SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN WITH DISABILITIES ACT.

### 7 PARKING STALL STRIPING NOT TO SCALE









GREEN SCREENS WITH VINES



STORMWATER DRAIN TO PRETREATMENT SWALE



3' DIA. PLANTER



6' BENCH, 'BANCAL'



LIGHTED BOLLARD



GRANITE SETTS  
UNIT PAVING BAND



VEHICULAR PAVERS  
AT DROPOFF



The Noannet Group  
**515 Somerville Ave**

**CambridgeSeven**

Architects and Planners  
1050 Massachusetts Avenue  
Cambridge, MA 02138  
617-492-7000 Fax 492-7007

VERDANT LANDSCAPE ARCHITECTURE  
318 Harvard Street, Suite 25  
Brookline, MA 02446  
617-735-1180  
verdantlandscapearchitecture.com



Number	Revision	Date

Job #	0000
Project	515 Somerville Ave
Drawn By	KP
Checked	Checker
Date	08/27/2018

Drawing Title  
**Landscape Plan**

**L2.0**





QP - PIN OAK



GT - HONEYLOCUST



The Noannet Group  
**515 Somerville Ave**

**CambridgeSeven**

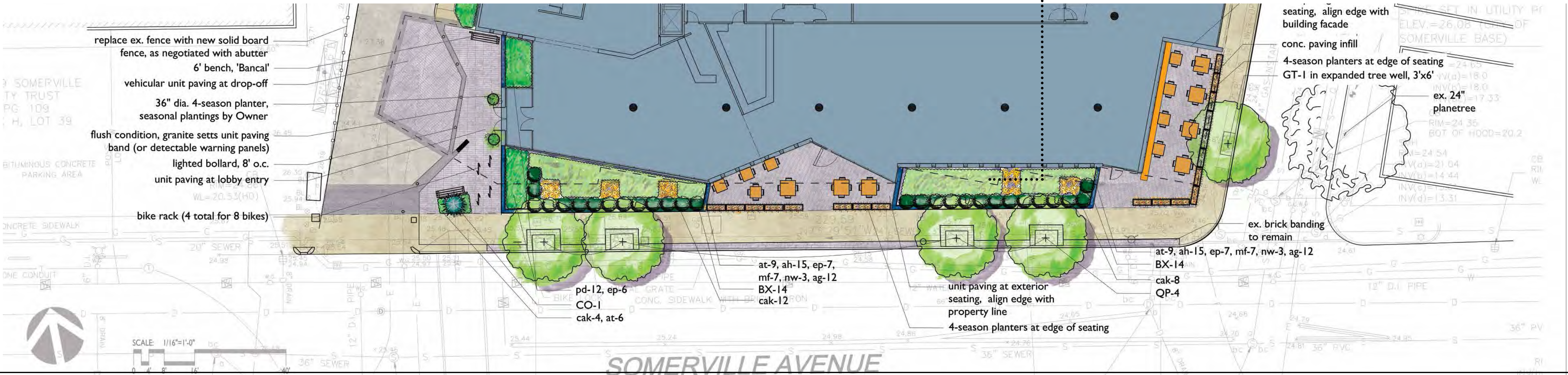
Architects and Planners  
1050 Massachusetts Avenue  
Cambridge, MA 02138  
617-492-7000 Fax 492-7007

VERDANT LANDSCAPE ARCHITECTURE  
318 Harvard Street, Suite 25  
Brookline, MA 02446  
617-735-1180  
verdantlandscapearchitecture.com



EXTERIOR SEATING

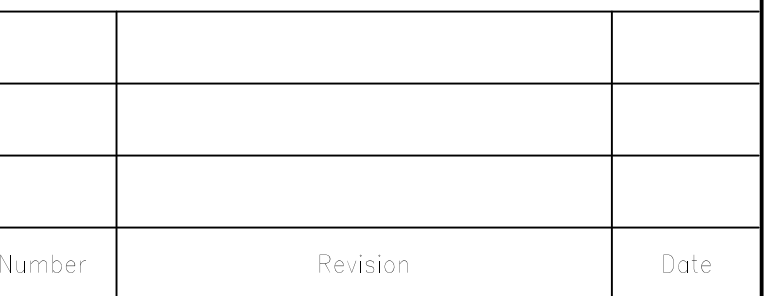
FOUR SEASON STREETSCAPE PLANTINGS







Architects and Planners  
1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007





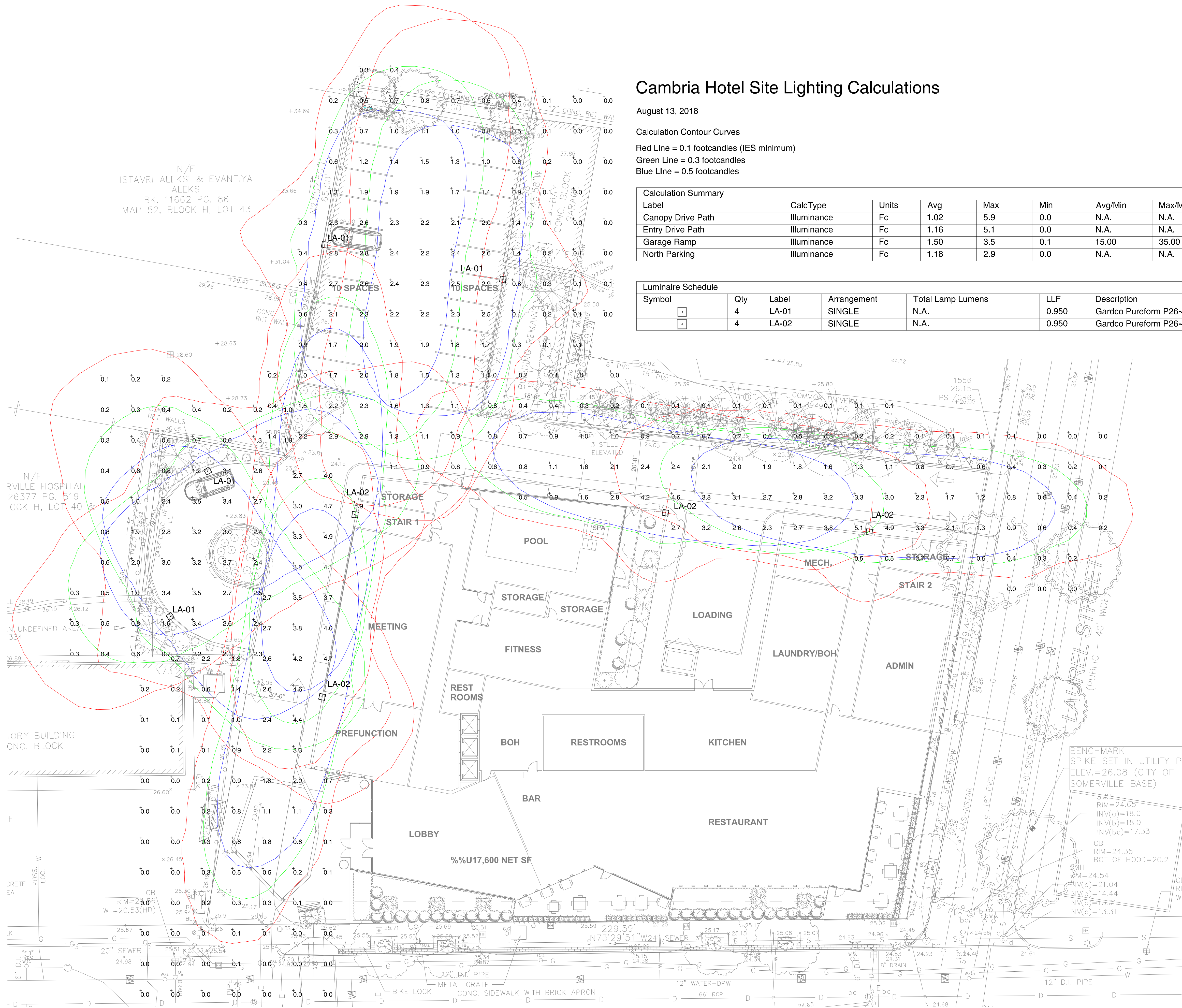
Drawing Title

# Landscape Lighting Plan

## L4.0



Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
	4	LA-01	SINGLE	N.A.	0.950	Gardco Pureform P26-48L-400-NW-G2-3-HIS
	4	LA-02	SINGLE	N.A.	0.950	Gardco Pureform P26-48L-400-NW-G2-2-HIS



8/7/2018 2:10:23 PM





The Noannet Group  
**515 Somerville Ave**

**CambridgeSeven**

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



*[Signature]*

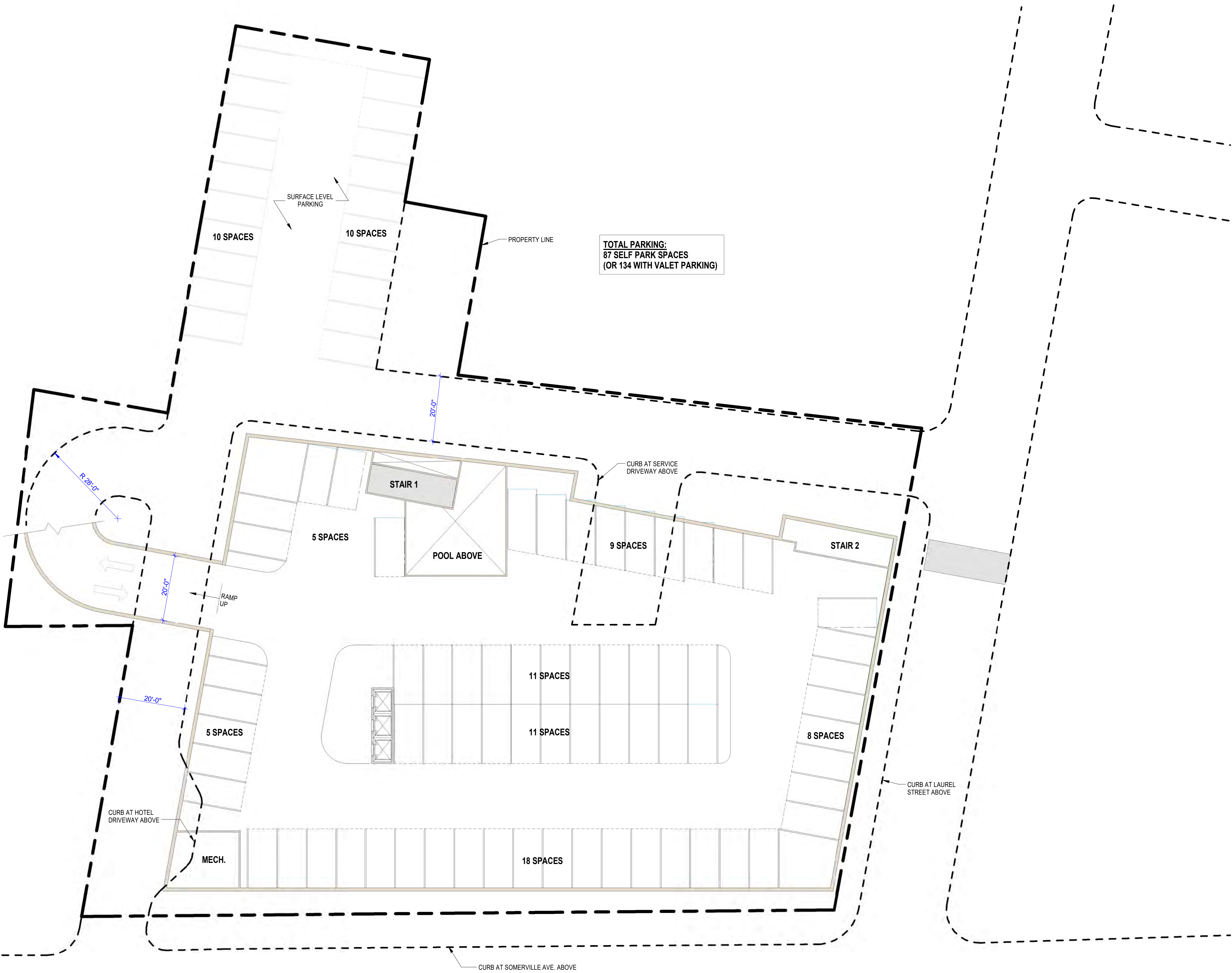
Consultant Name and Logo

Number	Revision	Date

Job #	0000		
Project	515 Somerville Ave		
Drawn By	Author	Checked	Checker
Date	08/27/2018		
Scale	1/16" = 1'-0"		

Drawing Title  
**PARKING**

**A1.0**







The Noannet Group  
**515 Somerville Ave**

**CambridgeSeven**

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



Consultant Name and Logo

Number	Revision	Date

Job #	0000		
Project	515 Somerville Ave		
Drawn By	Author	Checked	Checker
Date	08/27/2018		
Scale	1/16" = 1'-0"		

Drawing Title  
**FIRST FLOOR PLAN**

**A1.1**



8/28/2018 4:30:32 PM





The Noannet Group  
**515 Somerville Ave**

**CambridgeSeven**

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



Consultant Name and Logo

Number	Revision	Date

Job #	0000		
Project	515 Somerville Ave		
Drawn By	Author	Checked	Checker
Date	08/27/2018		
Scale	1/16" = 1'-0"		

Drawing Title  
**SECOND FLOOR PLAN**

**A1.2**







The Noannet Group

515 Somerville Ave

CambridgeSeven

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



*[Handwritten signature]*

Consultant Name and Logo

Number	Revision	Date

Job #	0000		
Project	515 Somerville Ave		
Drawn By	Author	Checked	Checker
Date	08/27/2018		
Scale	1/16" = 1'-0"		

THIRD FLOOR PLAN

A1.3







The Noannet Group  
**515 Somerville Ave**

**CambridgeSeven**

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



Consultant Name and Logo

Number	Revision	Date

Job #	0000		
Project	515 Somerville Ave		
Drawn By	Author	Checked	Checker
Date	08/27/2018		
Scale	1/16" = 1'-0"		

Drawing Title  
**FOURTH FLOOR PLAN**

**A1.4**







The Noannet Group  
**515 Somerville Ave**

**CambridgeSeven**

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



Consultant Name and Logo

Number	Revision	Date

Job #	0000		
Project	515 Somerville Ave		
Drawn By	Author	Checked	Checker
Date	08/27/2018		
Scale	1/16" = 1'-0"		

Drawing Title  
**FIFTH FLOOR PLAN**

**A1.5**



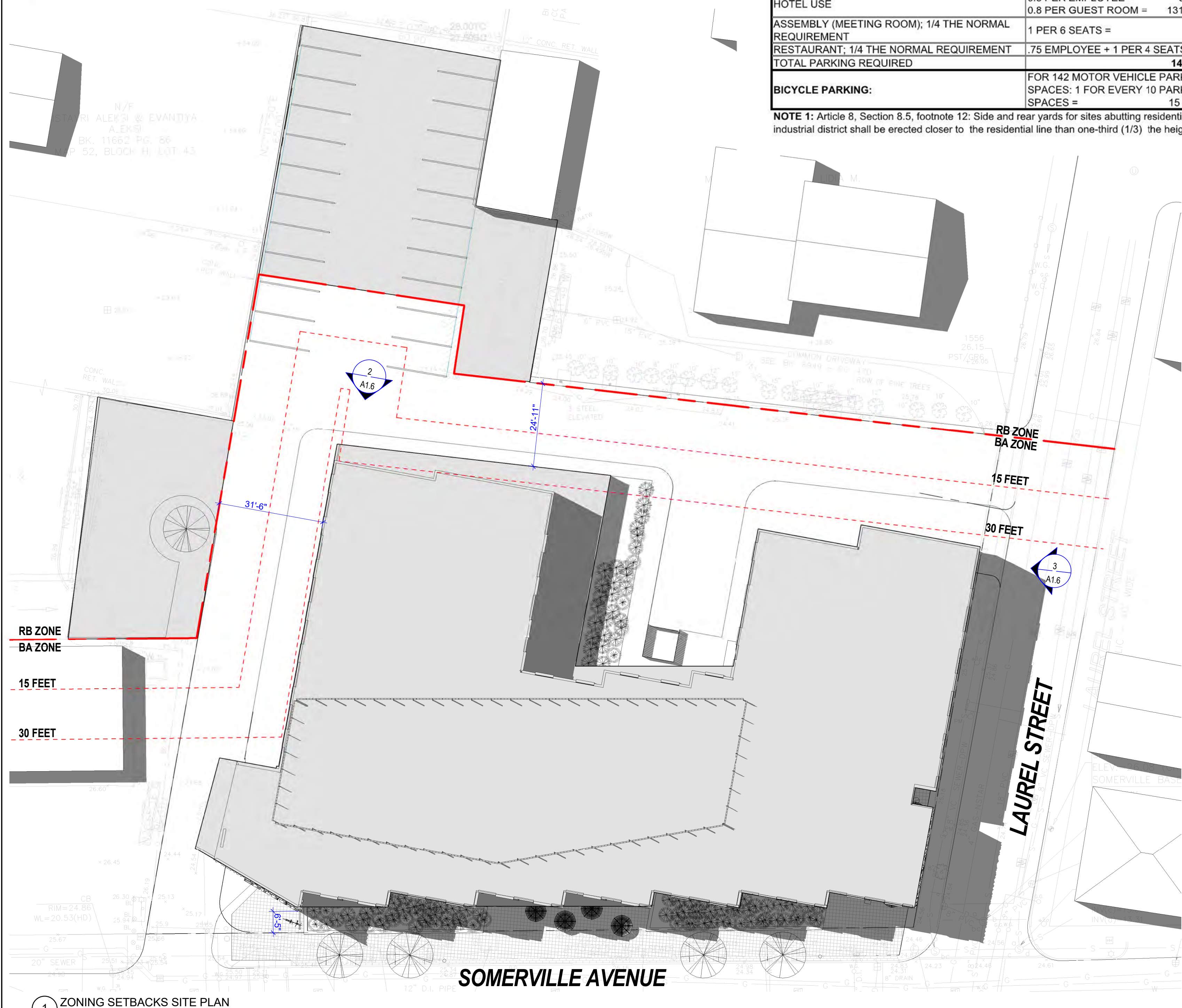


8/29/2018 3:02:52 PM

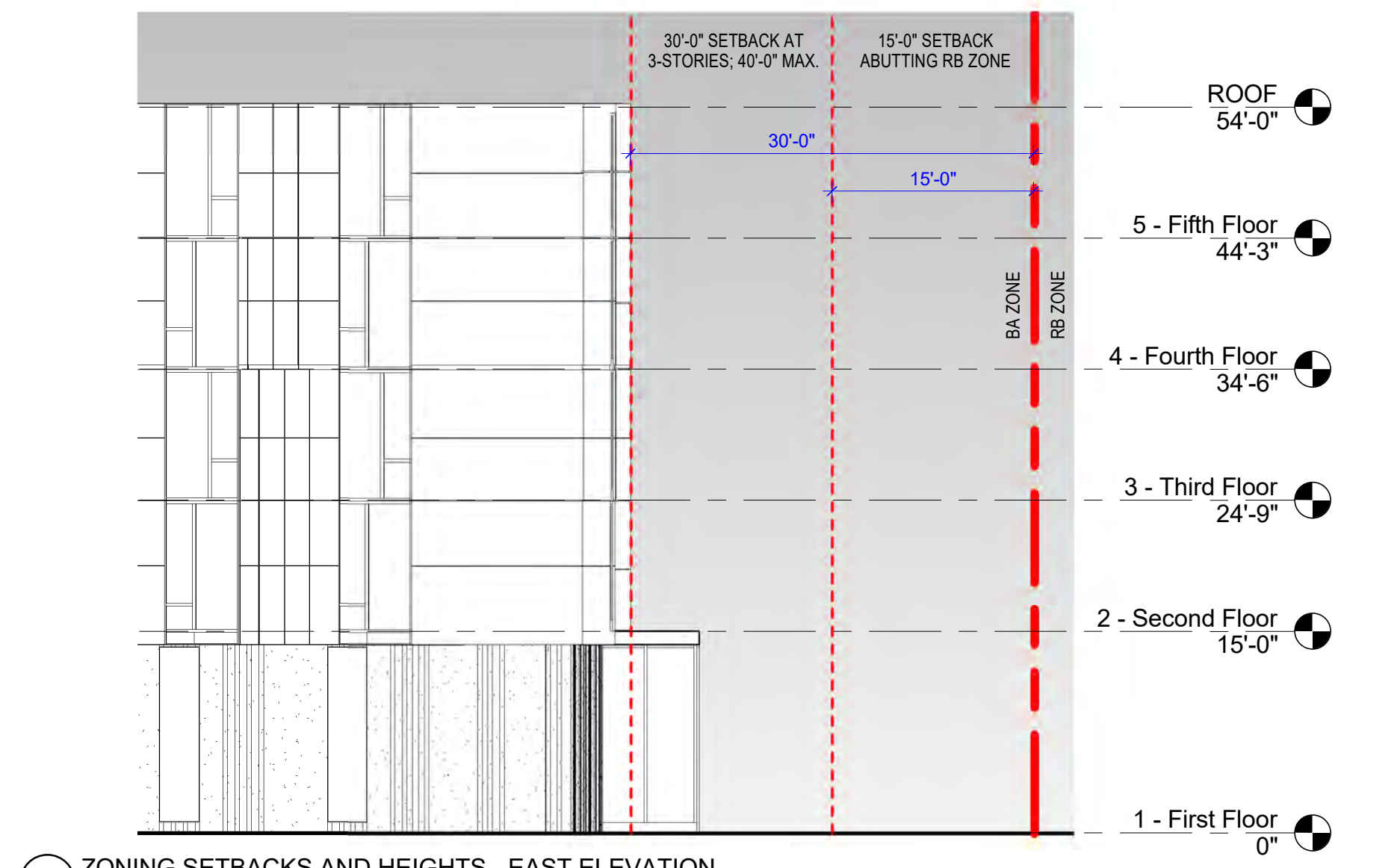
AREA STATS (HOTEL GUESTROOMS)			GUESTROOM COUNTS PER FLOOR		
Level		Area	Level	Unit type	Count
1 - First Floor	Hotel Amenities	16,157	2 - Second Floor	KING	21
2 - Second Floor	Guestrooms	17,253	2 - Second Floor	DOUBLE QUEEN	20
3 - Third Floor	Guestrooms	17,253			
4 - Fourth Floor	Guestrooms	17,253	3 - Third Floor	KING	21
5 - Fifth Floor	Guestrooms	17,253	3 - Third Floor	DOUBLE QUEEN	20
TOTAL		85,169			
AREA STATS (GROSS BUILDING)			4 - Fourth Floor	KING	20
Level		Area	4 - Fourth Floor	DOUBLE QUEEN	20
1 - First Floor		18,981	4 - Fourth Floor	SUITE	1
2 - Second Floor		19,684			
3 - Third Floor		19,684	5 - Fifth Floor	KING	20
4 - Fourth Floor		19,684	5 - Fifth Floor	DOUBLE QUEEN	20
5 - Fifth Floor		19,684	5 - Fifth Floor	SUITE	1
GROSS BUILDING AREA TOTAL		97,717	TOTAL		164

ZONING CHART				
ZONE : BA & RB	REQUIRED	EXISTING	PROPOSED	REMARKS
LOT AREA, MIN SF/ DU	MIN. BA = MIN. RB =	N/A 7,500 SF	BA = 38,341 SF RB = 8,511 SF TOTAL = 46,852 SF	BA ZONE: SPECIAL PERMIT REQUIRED RB ZONE: N/A (NEW HOTEL IN BA ZONE ONLY)
MIN. LOT WIDTH		-	-	PRE-EXISTING/ NO INCREASE IN NON-CONFORMITY
MIN. LOT FRONTAGE		-	-	PRE-EXISTING/ NO INCREASE IN NON-CONFORMITY
MAX. FAR	BA = 2.0 x 38,341 = RB = 1.0 x (5,745 + 2,766) = TOTAL =	76,682 SF 8,511SF 85,193SF	N/A FAR = 1.82	COMPLIES
MAX. HEIGHT	BA = 50 FT, 4 STORIES RB = 40 FT, 3 STORIES	N/A	54 FT, 5 STORIES 40 FT, 3 STORIES	VARIANCE REQUIRED COMPLIES
LANDSCAPE AREA	BA = 10% x 38,341 = RB = 25% x 8,511 =	3,834 SF 2,127 SF	11.0% (4,212 SF) 27.9% (2,378 SF)	COMPLIES
MIN FRONT YARD	BA = N/A RB = 15 FT	N/A	6 FT 5 IN N/A	COMPLIES NEW HOTEL IN BA ZONE ONLY
MIN SIDE YARD	BA = N/A RB = 15 FT (SEE NOTE 1)	N/A	N/A 31 FT 6 IN	COMPLIES COMPLIES
MIN REAR YARD	BA = 10 FT + 2 FT PER STORY = RB = 20 FT	20 FT	24 FT 11 IN N/A	COMPLIES NEW HOTEL IN BA ZONE ONLY
MAX LOT COVERAGE	BA = 80% x 38,341 = RB = 50% x 8,511 =	30,673 SF 4,256 SF	34.5% (16,157 SF) 0%	COMPLIES COMPLIES
PERVIOUS AREA:	BA = N/A RB = 35% x 8,511 =	N/A 2,979 SF	N/A 35.1% (2,987 SF)	COMPLIES COMPLIES
PARKING:				
HOTEL USE	0.5 PER EMPLOYEE = 0.8 PER GUEST ROOM =	3 SPACES 131 SPACES		
ASSEMBLY (MEETING ROOM); 1/4 THE NORMAL REQUIREMENT	1 PER 6 SEATS =	1 SPACE	N/A	
RESTAURANT; 1/4 THE NORMAL REQUIREMENT	.75 EMPLOYEE + 1 PER 4 SEATS =	7 SP.		
TOTAL PARKING REQUIRED		142 SPACES	87 SPACES	VARIANCE REQUIRED
BICYCLE PARKING:				
	FOR 142 MOTOR VEHICLE PARKING SPACES; 1 FOR EVERY 10 PARKING SPACES =	15 SPACES	16 SPACES	COMPLIES

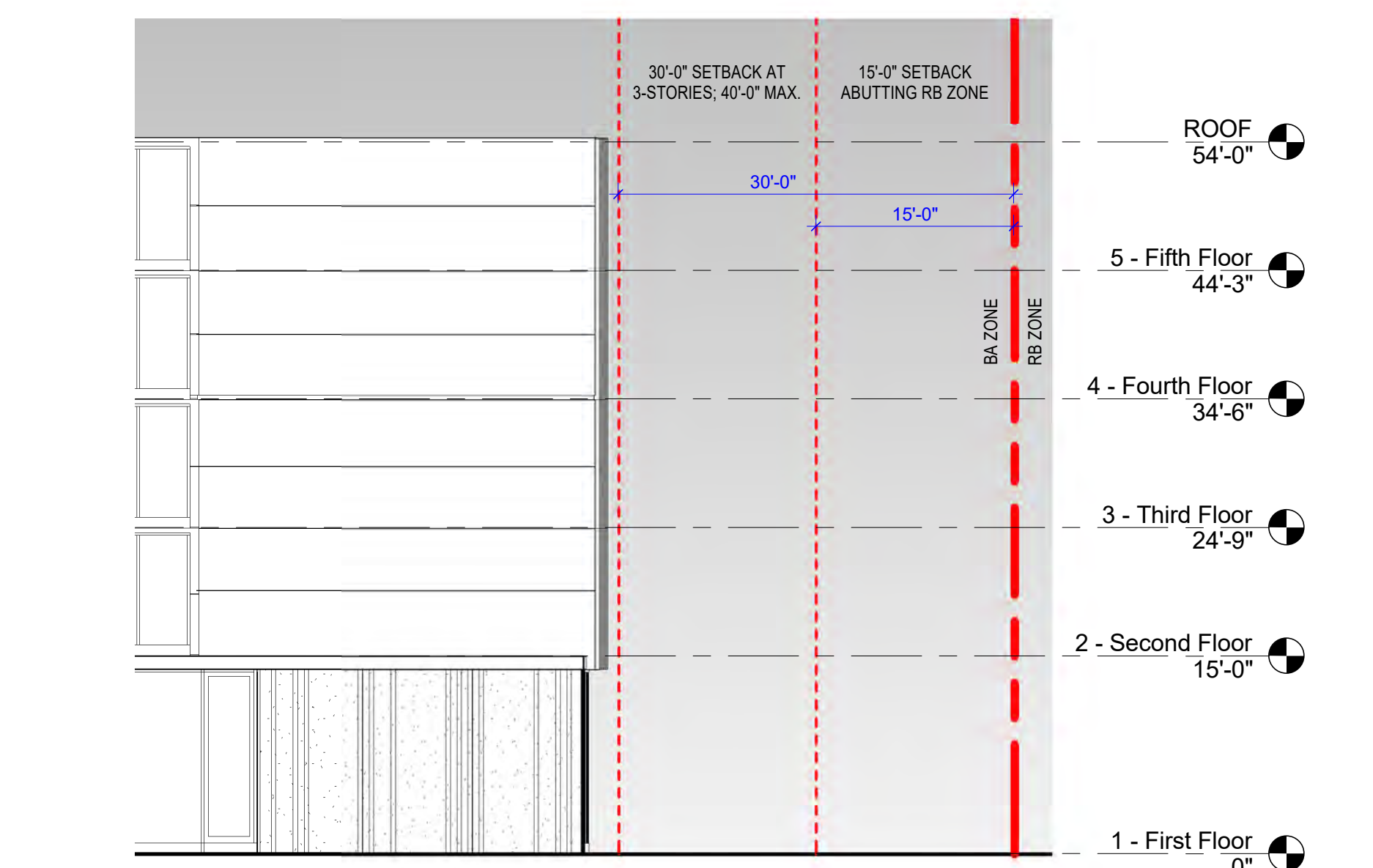
NOTE 1: Article 8, Section 8.5, footnote 12: Side and rear yards for sites abutting residential districts: Where a lot in a business or industrial district abuts a lot or district line in a RA, RB, or RC district, no building in the business or industrial district shall be erected closer to the residential line than one-third (1/3) the height of the said building, but not less than fifteen (15) feet.



1 ZONING SETBACKS SITE PLAN  
1" = 20'-0"



3 ZONING SETBACKS AND HEIGHTS - EAST ELEVATION  
3/32" = 1'-0"



2 ZONING SETBACKS AND HEIGHTS - NORTH ELEVATION  
3/32" = 1'-0"



The Noannet Group  
**515 Somerville Ave**

**CambridgeSeven**

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



Consultant Name and Logo

Number	Revision	Date

Job #	0000		
Project	515 Somerville Ave		
Drawn By	Author	Checked	Checker
Date	08/27/2018		
Scale	As indicated		

Drawing Title  
**ZONING CONSIDERATIONS**

**A1.6**





The Noannet Group

# 515 Somerville Ave

## CambridgeSeven

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



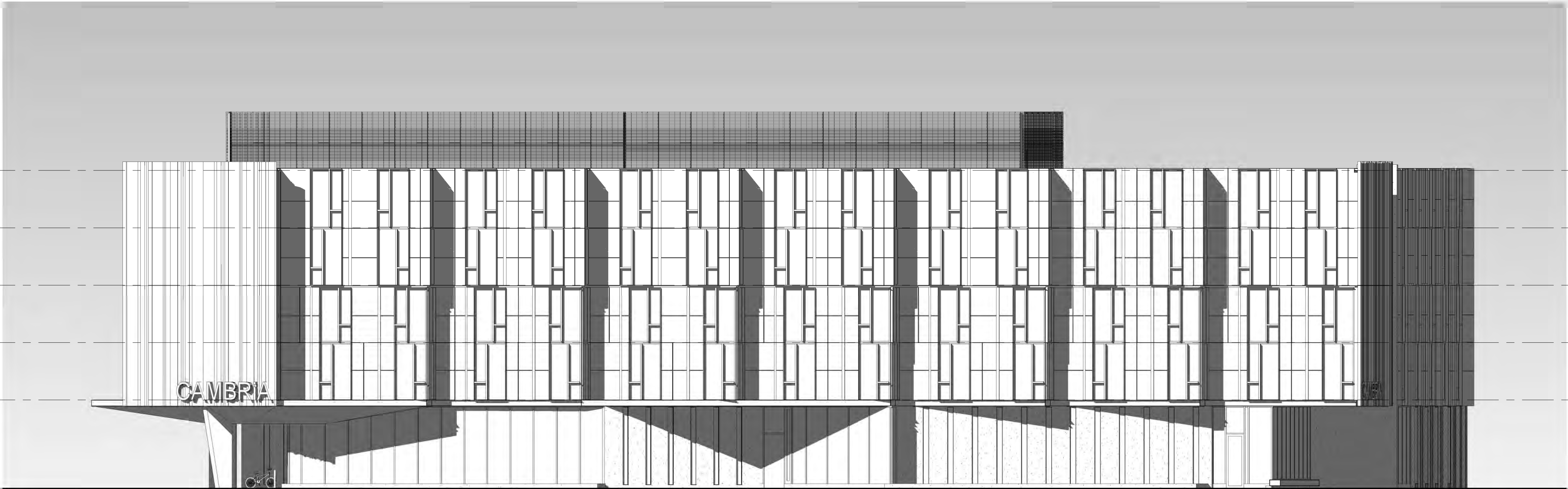
Consultant Name and Logo

Number	Revision	Date
--------	----------	------

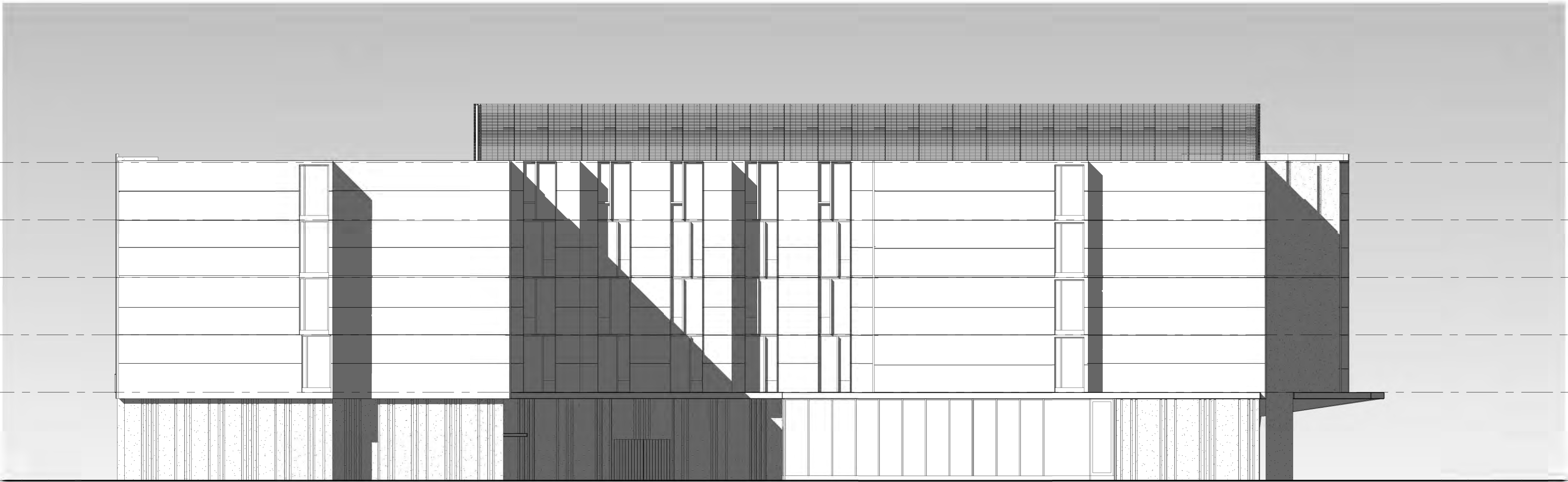
Job #	0000		
Project	515 Somerville Ave		
Drawn By	Author	Checked	Checker
Date	08/27/2018		
Scale	3/32" = 1'-0"		

Drawing Title  
**EXTERIOR ELEVATIONS**

# A2.1



3 SOUTH ELEVATION  
3/32" = 1'-0"



2 NORTH ELEVATION  
3/32" = 1'-0"





The Noannet Group

# 515 Somerville Ave

## CambridgeSeven

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



*[Signature]*

Consultant Name and Logo

Number	Revision	Date
--------	----------	------

Job #	0000		
Project	515 Somerville Ave		
Drawn By	Author	Checked	Checker
Date	08/27/2018		
Scale	3/32" = 1'-0"		

Drawing Title  
**EXTERIOR ELEVATIONS**

# A2.2



1 EAST ELEVATION  
3/32" = 1'-0"



2 WEST ELEVATION  
3/32" = 1'-0"





1 LAUREL STREET PERSPECTIVE  
1/4" = 1'-0"



2 SOMERVILLE AVE PERSPECTIVE  
1/4" = 1'-0"



3 REAR PERSPECTIVE  
1/4" = 1'-0"



The Noannet Group

**515 Somerville  
Ave**

**CambridgeSeven**

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



*Carl Johnson*

Consultant Name and Logo

Number	Revision	Date

Job #	0000		
Project	515 Somerville Ave		
Drawn By	Author	Checked	Checker
Date	08/27/2018		
Scale	1/4" = 1'-0"		

Drawing Title  
**PERSPECTIVES**

**A7.1**





1 West Entrance  
1/4" = 1'-0"



The Noannet Group

**515 Somerville  
Ave**

**CambridgeSeven**

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



Consultant Name and Logo

Job #	0000		
Project	515 Somerville Ave		
Drawn By	Author	Checked	Checker
Date	08/27/2018		
Scale	1/4" = 1'-0"		

Drawing Title  
**PERSPECTIVE  
RENDERINGS**

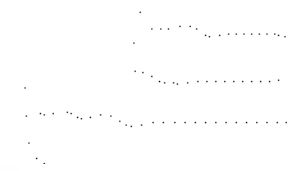
**A7.2**





The Noannet Group

515 Somerville Ave



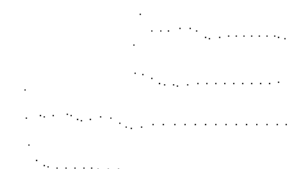
CambridgeSeven

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



Consultant Name and Logo



Number	Revision	Date

Job #	0000		
Project	515 Somerville Ave		
Drawn By	Author	Checked	Checker
Date	08/27/2018		
Scale	1/4" = 1'-0"		

Drawing Title  
PERSPECTIVE  
RENDERINGS

A7.3

8/28/2018 4:15:44 PM

1 East Entrance  
1/4" = 1'-0"





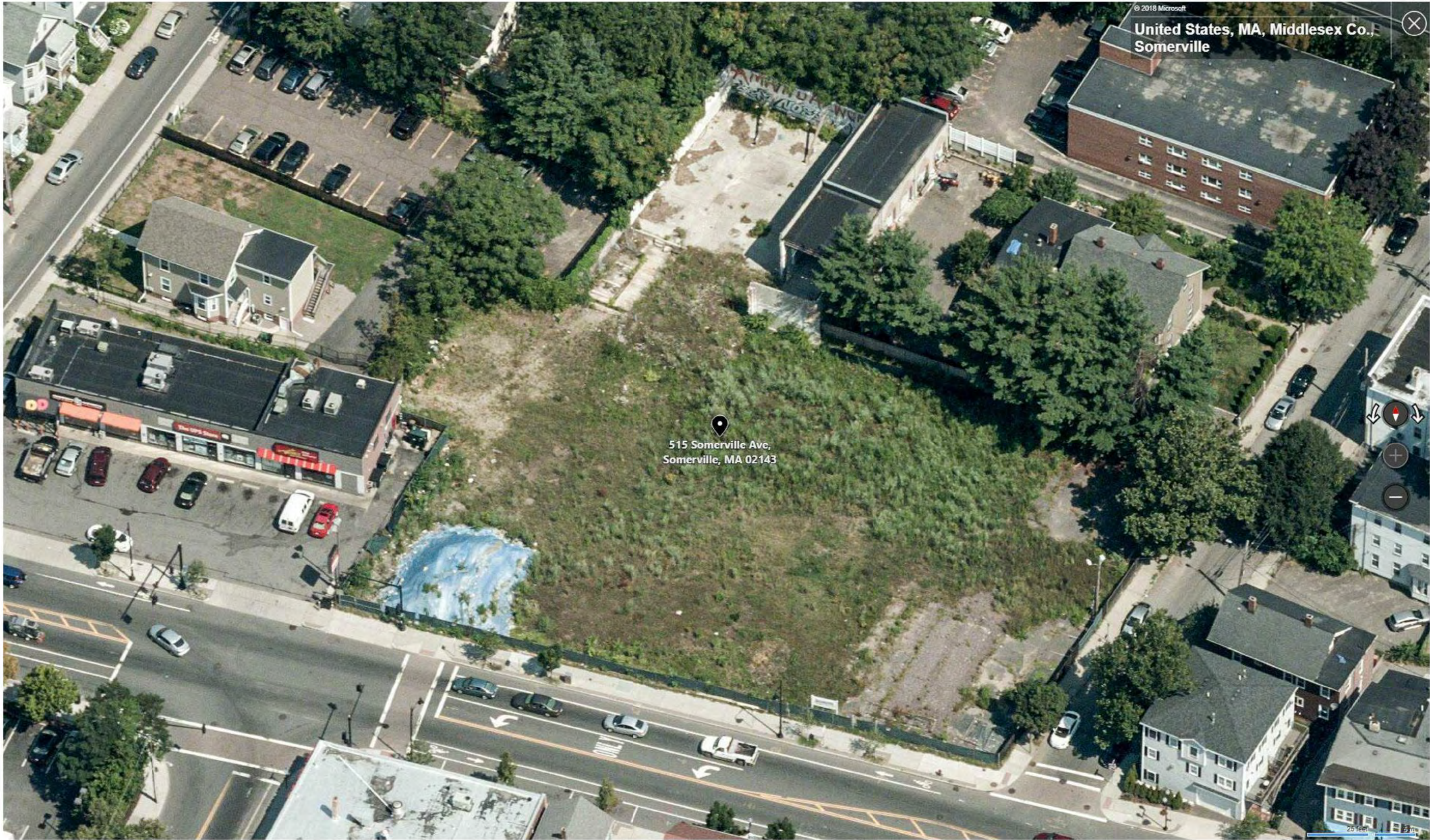
2 SOUTHEAST CORNER OF SITE  
12" = 1'-0"



3 SOUTHWEST CORNER OF SITE  
12" = 1'-0"



4 NORTHEAST CORNER OF SITE  
12" = 1'-0"



1 AERIAL VIEW OF SITE



5 EAST EDGE OF SITE AS VIEWED FROM LAUREL STREET  
12" = 1'-0"



6 SOUTH EDGE OF SITE AS VIEWED FROM SOMERVILLE AVENUE  
12" = 1'-0"



The Noannet Group

515 Somerville Ave

CambridgeSeven

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



*[Signature]*

Consultant Name and Logo

Number	Revision	Date
Job #	0000	
Project	515 Somerville Ave	
Drawn By	Author	Checked Checker
Date	08/27/2018	
Scale	12" = 1'-0"	

Drawing Title  
EXISTING SITE  
PHOTOS

A7.4



SUMMER SOLSTICE

MORNING (9 AM)



1 SHADOW STUDY 6-21 9am  
1" = 100'-0"

NOON (12 PM)



2 SHADOW STUDY 6-21 12pm  
1" = 100'-0"

AFTERNOON (4 PM)



3 SHADOW STUDY 6-21 4pm  
1" = 100'-0"

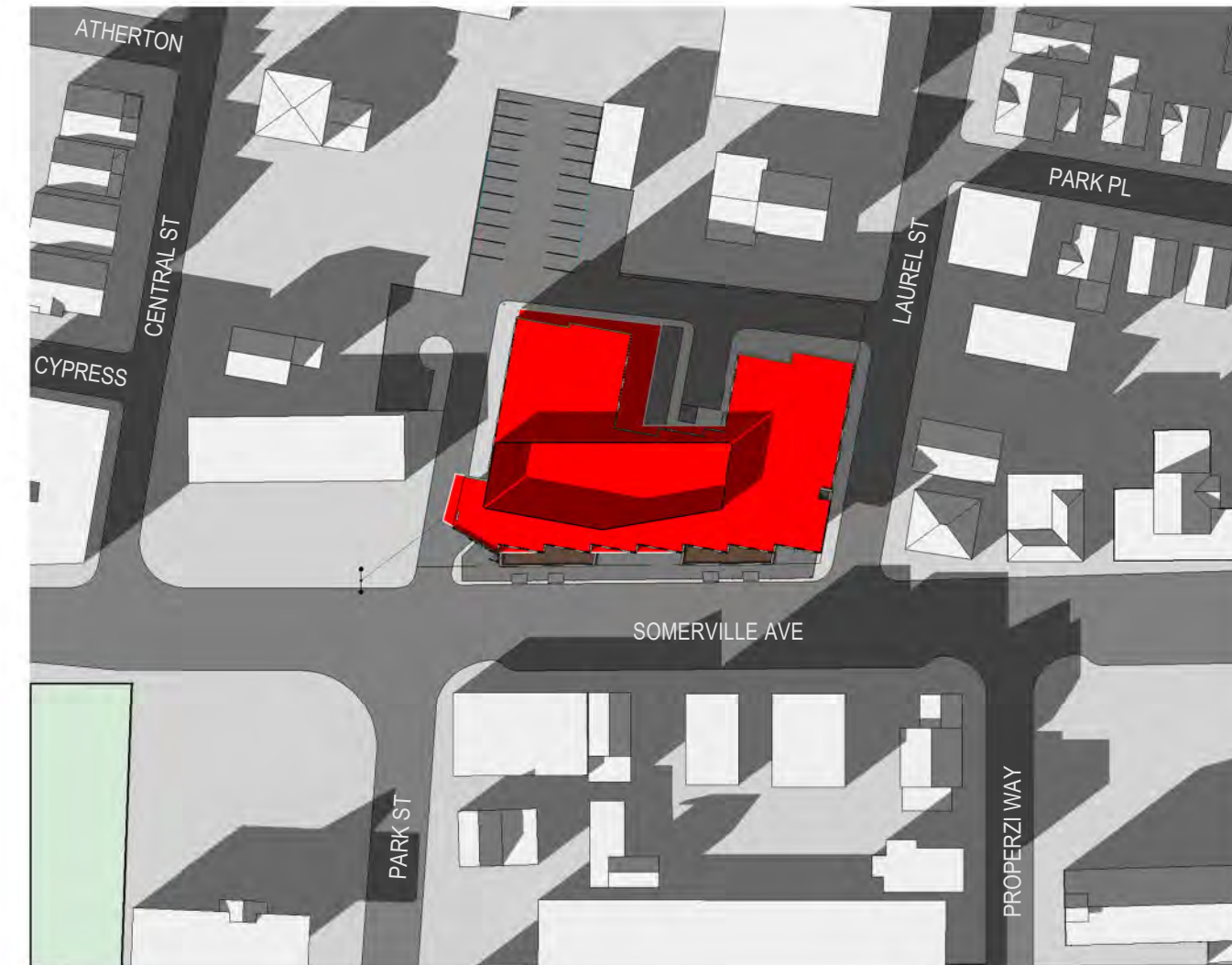
SPRING/FALL EQUINOX



4 SHADOW STUDY 9-22 9am  
1" = 100'-0"



5 SHADOW STUDY 9-22 12pm  
1" = 100'-0"



6 SHADOW STUDY 9-22 4pm  
1" = 100'-0"

WINTER SOLSTICE



7 SHADOW STUDY 12-21 9am  
1" = 100'-0"



8 SHADOW STUDY 12-21 12pm  
1" = 100'-0"



9 SHADOW STUDY 12-21 4pm  
1" = 100'-0"



The Noannet Group  
**515 Somerville Ave**

**CambridgeSeven**

Architects and Planners

1050 Massachusetts Avenue  
Cambridge, MA 02138  
617 492-7000 Fax 492-7007



Consultant Name and Logo

Number	Revision	Date
--------	----------	------

Job #	0000
-------	------

Project	515 Somerville Ave
---------	--------------------

Drawn By	Author	Checked	Checker
----------	--------	---------	---------

Date	08/27/2018
------	------------

Scale	1" = 100'-0"
-------	--------------

Drawing Title
---------------

**SOLAR STUDY**

**A8.1**