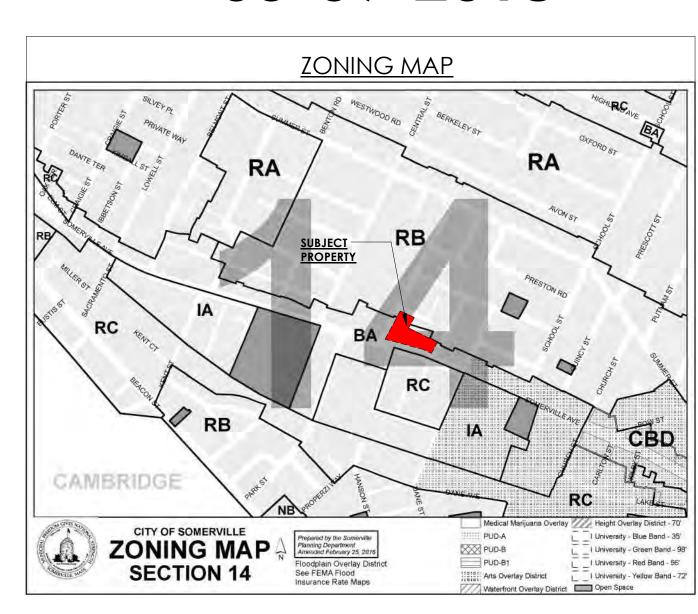




# PROPOSED MID-POINT RESIDENCES @ 515 SOMERVILLE AVENUE

03-09-2018



	DRAWING LIST	
Sheet Number	Sheet Name	Sheet Issue Date
0-COVER		
A-000	Cover Sheet	03/09/18
1-CIVIL		
C1.0	SITE LAYOUT & UTILITY PLAN	01/31/18
C1.1	GRADING PLAN	01/31/18
C2.0	DETAILS I	01/31/18
C2.1	DETAILS II	01/31/18
L1 L2	MATERIAL PLAN LAYOUT PLAN	02/01/18 02/01/18
2-LANDSCA		02/01/18
L3	PLANTING PLAN	02/01/18
LD1 LD2	DETAILS  DETAILS	02/01/18 02/07/18
3-ARCHITEC	CTURAL ARCHITECTURAL SITE PLAN	03/09/18
A-100	BASEMENT FLOOR PLAN	03/09/18
A-101	FIRST FLOOR PLAN	03/09/18
A-102	SECOND FLOOR PLAN	03/09/18
A-103	THIRD FLOOR PLAN	03/09/18
A-104	FOURTH FLOOR PLAN	03/09/18
A-300	EXTERIOR ELEVATIONS	03/09/18
A-301	EXTERIOR ELEVATIONS	03/09/18
AV-1	PERSPECTIVES	03/09/18
AV-2	PERSPECTIVE RENDERING	03/09/18
AV-3	PERSPECTIVE RENDERING	03/09/18
- · · · · ·		20,0,,.0

SHADOW STUDY

PHOTOMETRICS

NOTES & SCHEDULES

LIGHTING CUTSHEETS

4-LIGHTING

	DRAWING LIST	
Sheet Number	Sheet Name	Sheet Issue Date
0-COVER		
A-000	Cover Sheet	03/09/18
1-CIVIL		
C1.0	SITE LAYOUT & UTILITY PLAN	01/31/18
C1.1	GRADING PLAN	01/31/18
C2.0	DETAILS I	01/31/18
C2.1	DETAILS II	01/31/18
2-landsc <i>a</i> L1	MATERIAL PLAN	02/01/18
L2	LAYOUT PLAN	02/01/18
 L3	PLANTING PLAN	02/01/18
LD1	DETAILS	02/01/18
LD2	DETAILS	02/07/18
3-ARCHITEC	CTURAL	
A-001	ARCHITECTURAL SITE PLAN	03/09/18
A-100	BASEMENT FLOOR PLAN	03/09/18
A-101	FIRST FLOOR PLAN	03/09/18
A-102	SECOND FLOOR PLAN	03/09/18
A-103	THIRD FLOOR PLAN	03/09/18
A-104	FOURTH FLOOR PLAN	03/09/18
A-300	EXTERIOR ELEVATIONS	03/09/18
A-301	EXTERIOR ELEVATIONS	03/09/18
AV-1	PERSPECTIVES	03/09/18
AV-2	PERSPECTIVE RENDERING	03/09/18
AV-3	PERSPECTIVE RENDERING	03/09/18

**CLIENT:** D.E.V.B LLC 689 SOMERVILLE AVE SOMERVILLE MA 02143

ARCHITECT: KHALSA DESIGN INC.

17 IVALOO ST. SUITE 400 SOMERVILLE MA 02143 T:(617)-591-8682

**VERDANT** 

Brookline, MA 02446 T: 617-735-1180

CIVIL: **DCI CONSULTANTS** SOMERVILLE, MA 02145

<u>LIGHTING:</u> RAB LIGHTING

03/09/18

12/05/17

12/05/17

12/05/17

**STRUCTRAL:** 

MECH./ELEC./PLUMB.:

**FIRE PROTECTION:** 

**LANDSCAPE ARCHITECTS:** 

318 Harvard Street suite 25

120 MIDDLESEX AVENUE, SUITE 20 T: 617-776-3350

FORM OF REPRODUCTION OF THIS DESIGN SHALL RESULT IN THE FULLEST EXTENT OF

COPYRIGHT KDI © 2015 THESE DRAWINGS ARE NOW AND DO REMAIN THE SOLE PROPERTY OF KHALSA

PROJECT NAME
MID-POINT

PROJECT ADDRESS

CLIENT

ARCHITECT

**RESDIENCES @ 515** 

SOMERVILLE AVENUE

515 Somerville Avenue,

Somerville, MA

D.E.V.B LLC

KHALSA DESIGN INC.

KHALSA

17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143

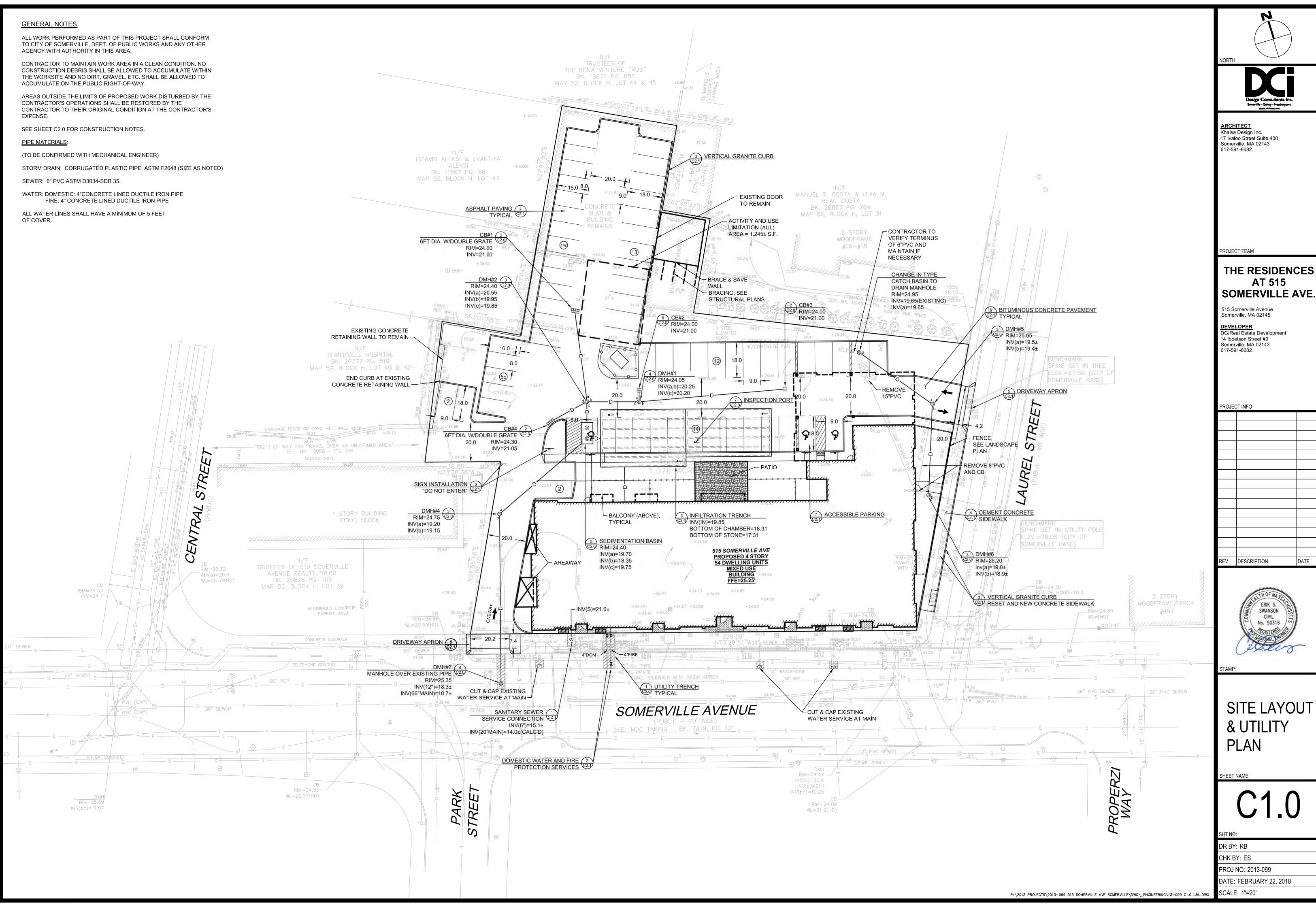
TELEPHONE: 617-591-8682 FAX: 617-591-2086

CONSULTANTS:

Projec	t number	16065
Date		03/09/18
Drawn	by	AB
Check	ed by	JSK
Scale		12" = 1'-0"
REVI	SIONS	
No.	Description	Date
1	Site Plan Update & Unit	2/20/2017
	Reduction	
		1

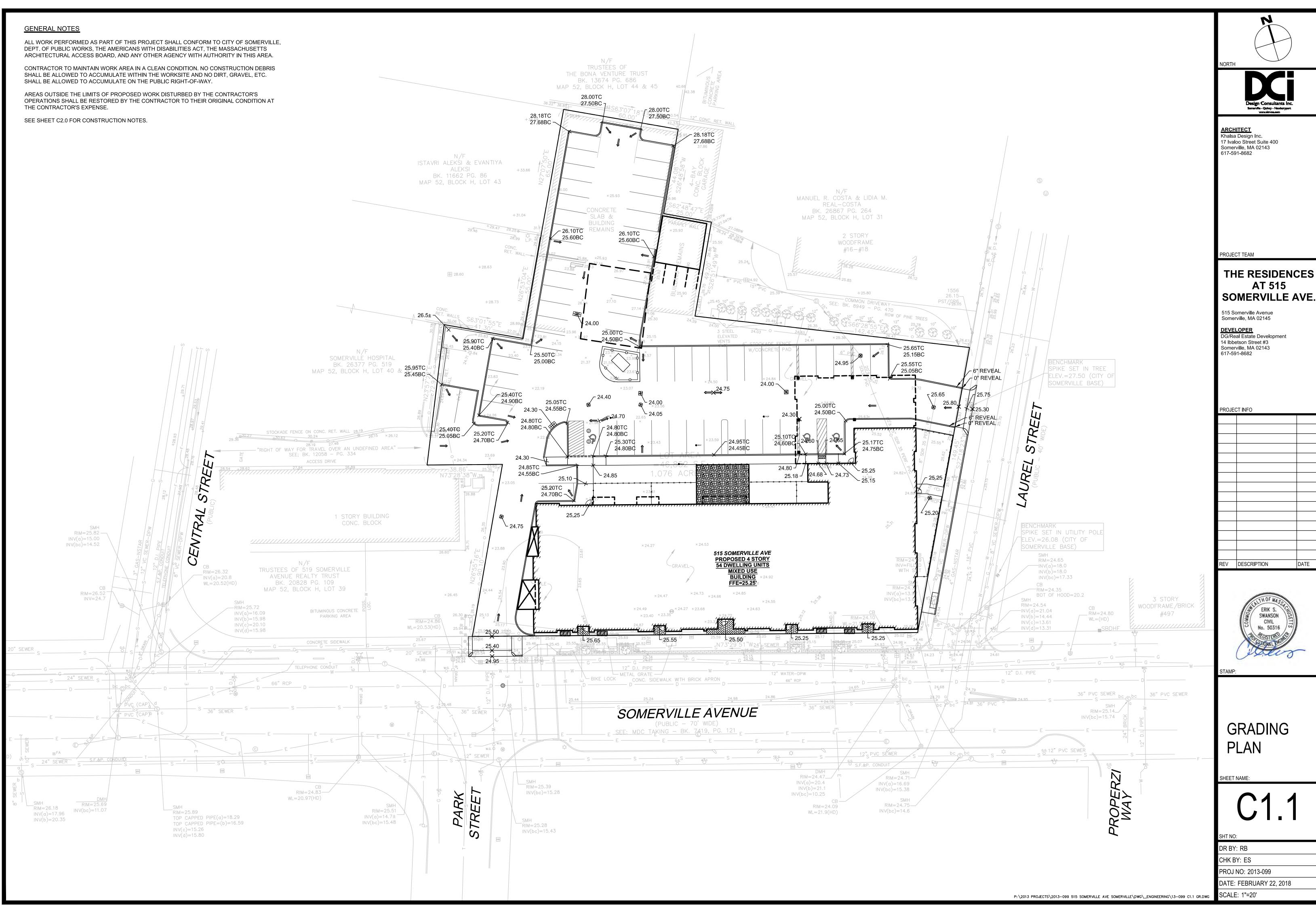
**Cover Sheet** 

**A-000** 



THE RESIDENCES





THE RESIDENCES

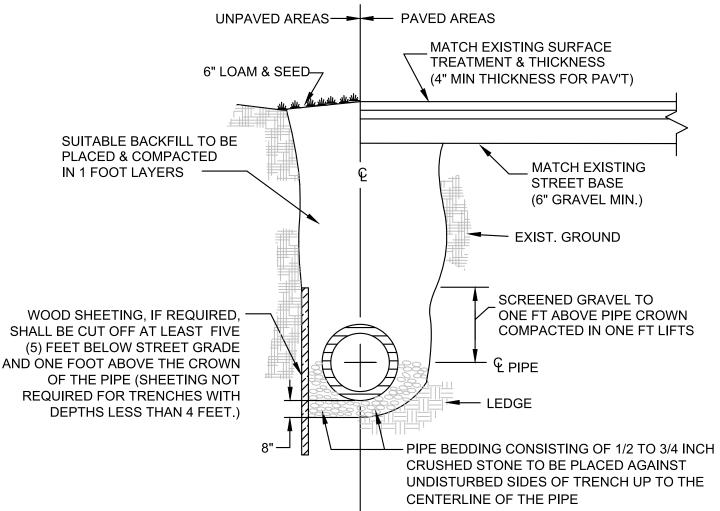


#### **UTILITY & DRAINAGE NOTES**

- 1. THE LOCATION OF AND SIZE OF BURIED UTILITIES ARE THE RESULT OF SURFACE EVIDENCE AS LOCATED BY FIELD SURVEY BY DESIGN CONSULTANTS INC., PLANS OF RECORD & PLANS FROM RESPECTIVE UTILITY COMPANIES.
- 2. THIS PLAN DOES NOT NECESSARILY DEPICT THE EXACT LOCATION AND SIZE OF ALL UTILITIES WHICH MAY EXIST AT THIS TIME INSIDE OR OUTSIDE OF EXISTING OR PROPOSED BUILDINGS, ON THE SUBJECT PROPERTY, WITHIN THE STREET ROW, OR ON ABUTTING LOTS.
- 3. CONTACT DIG-SAFE AT 1-888-344-7233 OR 1-800-322-4844 AT LEAST 72 HOURS PRIOR TO EXCAVATION. THE CITY OF SOMERVILLE MUNICIPAL UTILITIES (WATER, SEWER, & DRAIN) ARE NOT OF DIG-SAFE.
- 4. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE AND EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 5. ALL EXISTING UTILITY SERVICE CONNECTIONS SHALL BE ABANDONED UNLESS NOTED OTHERWISE. THE WATER AND SEWER SERVICES SHALL BE CUT AND CAPPED AT THE MAIN IN THE STREET BY THE CONTRACTOR IN ACCORDANCE WITH THE CITY OF SOMERVILLE STANDARDS. THE PROPOSED GAS, ELECTRIC AND/OR CATV INSTALLATION AND ABANDONMENT OF EXISTING CONNECTIONS SHALL BE COORDINATED BY THE CONTRACTOR WITH THE RESPECTIVE COMPANIES.
- 6. FINAL DEMARCATION POINTS FOR GAS, ELECTRIC, TELEPHONE, AND COMMUNICATION SERVICE ENTRANCES ARE SUBJECT TO APPROVALS OF EACH PROVIDER.
- 7. ALL UTILITIES SHOWN ON THIS SITE ARE TO THE EXTERIOR OF THE BUILDING FOUNDATION ONLY. UTILITIES THROUGH THE FOUNDATION AND INSIDE THE BUILDING ARE THE RESPONSIBILITY OF THE

MECHANICAL ENGINEER. SEE MECHANICAL ENGINEERING PLANS.

- 8. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND RECORDING THE EXACT LOCATION OF ALL PROPOSED UTILITY CONNECTIONS.
- 9. NEW WATER SERVICES MUST BE LEFT SHUT OFF AT THE MAIN ON THE STREET UNTIL ACTIVATED BY CITY OF SOMERVILLE.
- 10. A DYE TEST SHALL BE PERFORMED PRIOR TO THE ISSUANCE OF AN OCCUPANCY PERMIT.
- 11. THE CONTRACTOR SHALL SUPPLY ALL PIPING FOR THE UTILITY SERVICES AND SHALL SUPPLY ALL ASSOCIATED APPURTENANCES, FITTING AND VALVES UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL PERFORM ALL WET AND DRY TAPS AS PART OF HIS/HER CONTRACT.
- 12. CITY OF SOMERVILLE RESERVES THE RIGHT TO INSPECT ALL FACILITIES DISCHARGING TO THE CITY OF SOMERVILLE DRAIN AND SEWER SYSTEMS.
- 13. PRIOR TO CONSTRUCTION OF NEW SANITARY SEWER, STORM DRAIN LINES AND MANHOLES. CONTRACTOR TO PERFORM TEST PITS AT LOCATIONS OF EXISTING LATERAL CONNECTIONS FOR SANITARY SEWER AND STORM DRAINS TO CONFIRM INVERTS OF LATERALS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
- 14. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION SHALL FURNISH TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
- 15. TRENCH AREAS FOR THE CONSTRUCTION OF THE UNDERGROUND UTILITIES ARE TO BE REPATCHED WITH SAME MATERIAL AT THE SAME DEPTH AS THE EXISTING MATERIAL. THE AREAS OF TRENCHING SHALL BE NEATLY SAW-CUT AND THE NEW REPATCHING MATERIAL SHALL BE PROPERLY SEALED IN ACCORDANCE WITH THE CITY OF SOMERVILLE MUNICIPAL STANDARDS.
- 16. DURING EXCAVATION AND CONSTRUCTION OF PIPES AND STRUCTURES, TRENCHES MUST BE ADEQUATELY BRACED AND PROTECTED AGAINST CAVE-IN.
- 17. NO TRENCHES ARE ALLOWED TO REMAIN OPEN OVERNIGHT. ALL TRENCHES SHALL BE BACKFILLED AT THE END OF THE WORK DAY OR COVERED WITH STEEL PLATES PER 520 CMR 14.00 EXCAVATION AND TRENCH SAFETY. IF STEEL PLATES ARE USED, THE TOTAL LENGTH OF PLATES IN THE TRAVELED WAY SHALL LIMITED TO 50'.



2'-0"

4'-0" DIA.

5" MIN. ─►

/ MAX.

1" CLEAR

DMH OVER EXISTING PIPE

FRAME & COVER

DRAIN MANHOLE COVER TO READ DMH

SEWER MANHOLE COVER TO READ SMH

RIM TO BE FLUSH

WITH PAVEMENT

BRICKS MAY BE USED

FRAME TO BE SET IN

**FULL BED OF MORTAR** 

- MORTAR ALL JOINTS

MIN. 0.12 SQ. IN. STEEL

PLACED ACCORDING TO

A.A.S.H.T.O. DESIGNATION

PER VERTICAL FOOT,

- REMOVE TOP HALF OF

EXIST. PIPE DIAMETER

BRICK CHIPS AND MORTAR

OR CLASS "A" CEM. CONC.

6" MIN. CONC. BASE

OF EXISTING PIPE

POURED TO BOTTOM

FOR GRADE ADJUSTMENTS

2 COURSE MIN.

CEM. CONC. 18"-24" TAPERED SECTION -MORTAR DIA. **ALL JOINTS** ALL REINFORCEMENT 4'-0" DIA. AS PER LOCAL STDS. OR 5'-0" DIA. WHERE 1" CLEAR DOUBLE GRATE PROVIDE **OUTSIDE OF** "V" OPENINGS PIPE +2" CLEARANCE HEIGHT OF RISER SECTIONS VARY HOOD FROM 1'-4' 4'-6" SUMP 5" MIN.

MUNICIPAL STANDARD CATCH

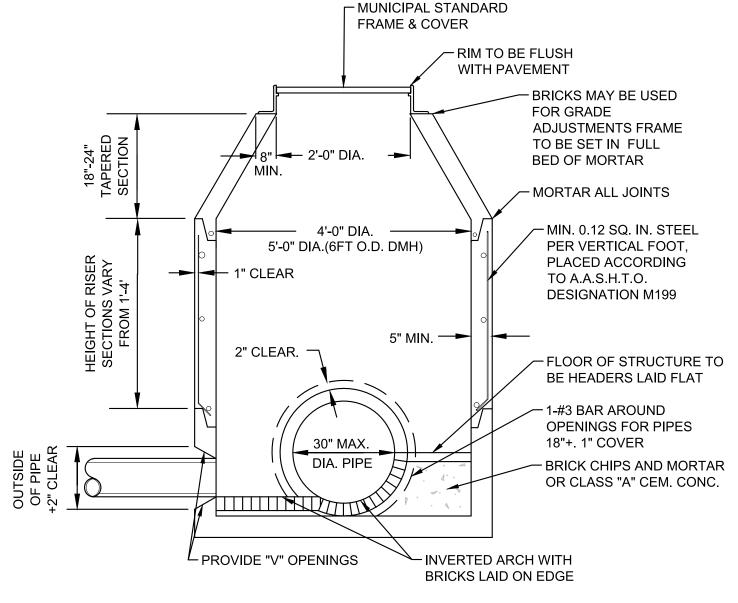
BASIN FRAME AND GRATE

BINDER GRADE WITH A

RECEIVE TOP COURSE

FRAME ENCASED IN

CHAMFER CUT TO





- APPROX. LIMIT OF SEWER

SHELF TO BE BRICK LAID FLAT AT A SLOPE OF 1"

CONCRETE BASE

PIPE TO BE REMOVED

PER 1 FOOT

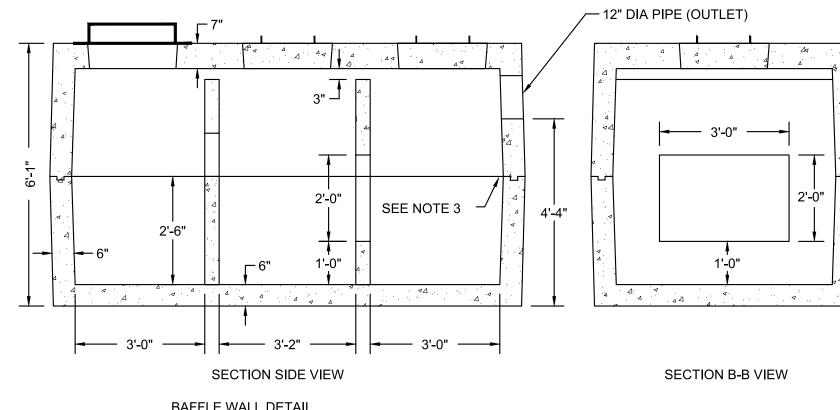
— CONCRETE FILL

NOTE: PROVIDE SUPPORT FOR EXISTING 15"

SECTION A-A

PIPE SURFACE DRAIN WHEN POURING CONCRETE BASE

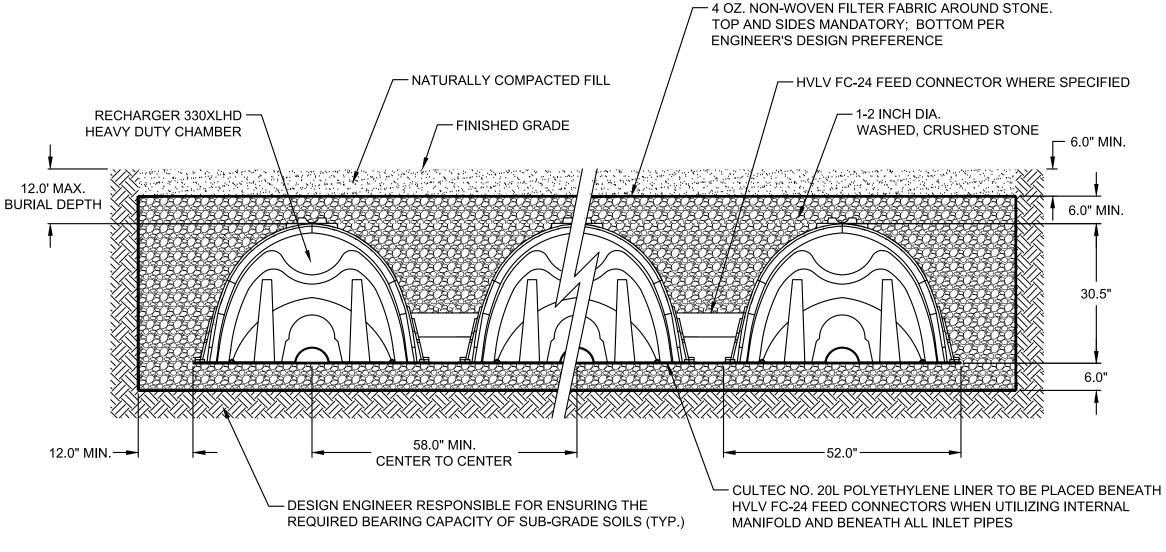
、DMH (DRAIN MANHOLE)



BAFFLE WALL DETAIL

1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS. 2. DESIGNED FOR H-20 LOADING. 3. TONGUE & GROOVE JOINT SEALED WITH BUTYL RESIN.

**\SEDIMENTATION BASIN - 1,500 GALLON TANK** 



EXIST.

PIPE --

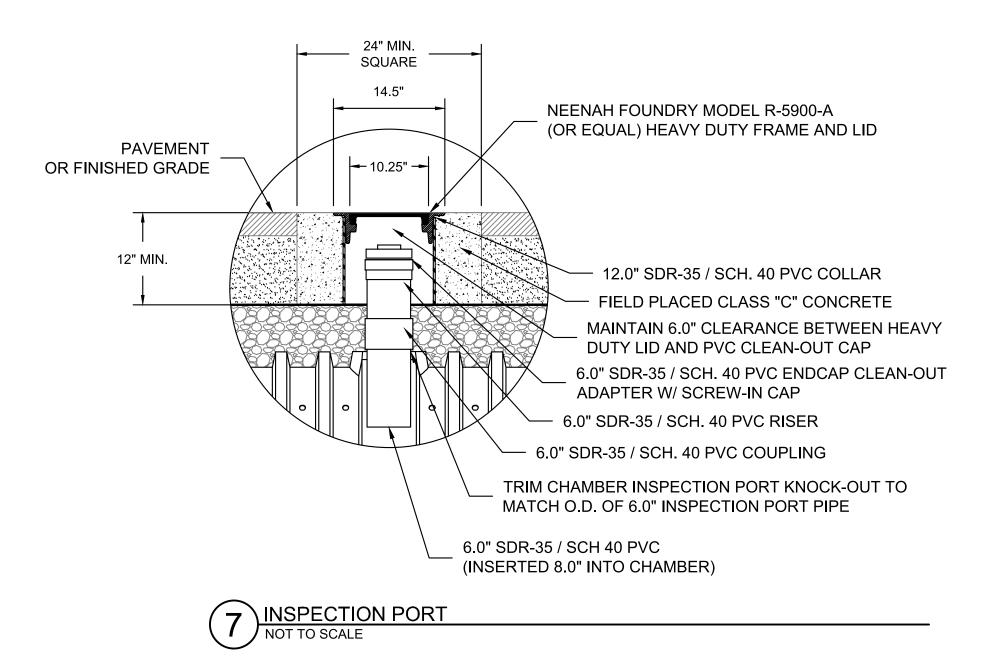
**GENERAL NOTES** 

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

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



INFILTRATION TRENCH

SCALE: N.T.S. P:\2013 PROJECTS\2013-099 515 SOMERVILLE AVE SOMERVILLE\DWG\\_ENGINEERING\13-099 C2.0 DETAILS.DWG

<u>ARCHITECT</u> Khalsa Design Inc. 17 Ivaloo Street Suite 400 Somerville, MA 02143 617-591-8682

PROJECT TEAM

THE RESIDENCES **AT 515 SOMERVILLE AVE.** 

515 Somerville Avenue Somerville, MA 02145

<u>DEVELOPER</u> DG/Real Estate Development 14 Ibbetson Street #3 Somerville, MA 02143 617-591-8682

PROJECT INFO

REV DESCRIPTION

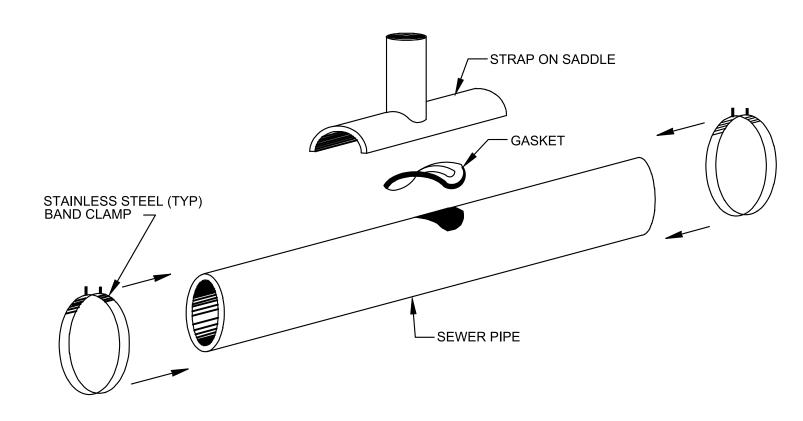


**DETAILS I** 

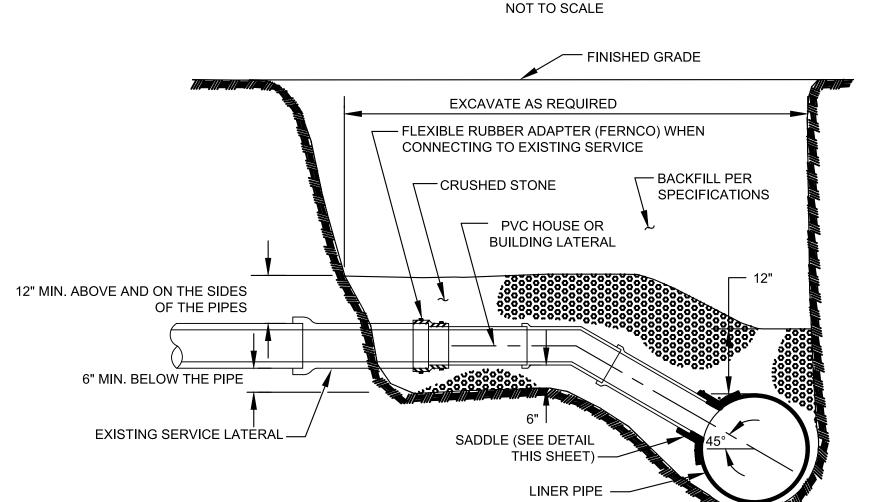
SHEET NAME:

DR BY: RB CHK BY: ES PROJ NO: 2013-099

DATE: FEBRUARY 22, 2018



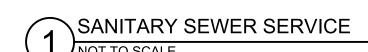
### SADDLE CONNECTION - PLAN

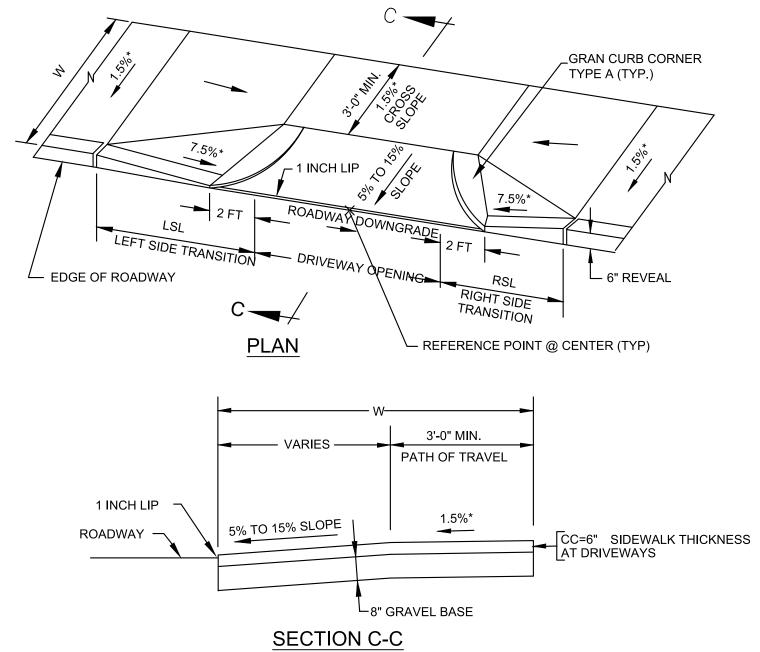


NOTES:
1. REPLACE EXISTING SERVICE LINE TO EXTENT SHOWN ON

PLAN/PROFILES AND AS SPECIFIED.

## SADDLE CONNECTION - SECTION NOT TO SCALE





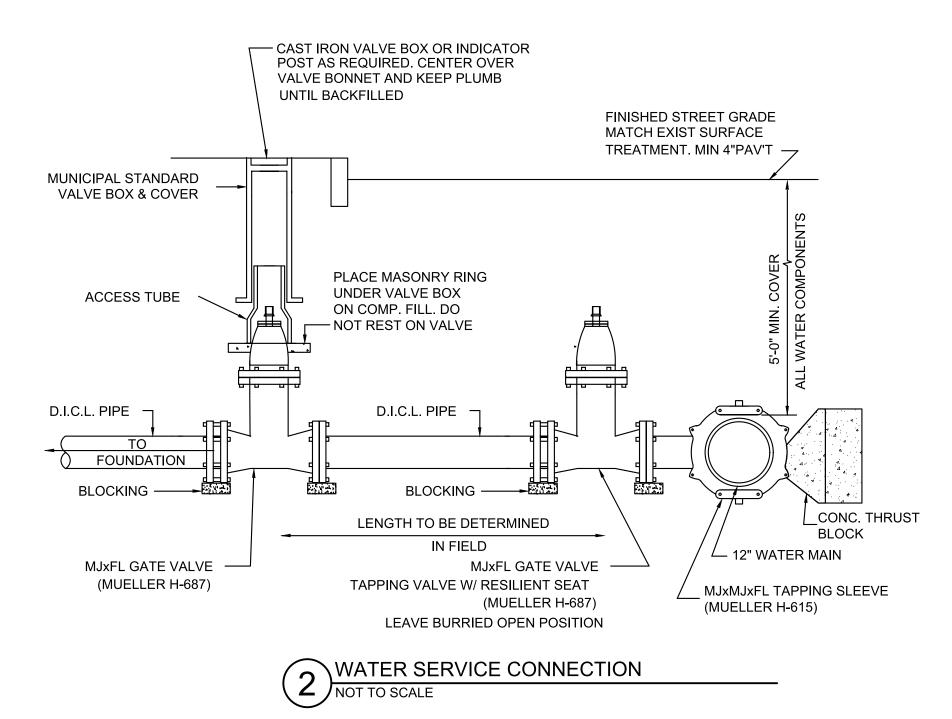
LEGEND:

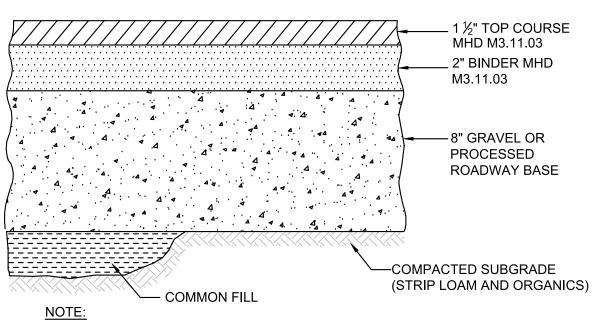
LSL = LEFT SIDE FRONT TRANSITION LENGTH
RSL = RIGHT SIDE FRONT TRANSITION LENGTH

W = SIDEWALK WIDTH

\* = TOLERANCE FOR CONSTRUCTION ±0.5%

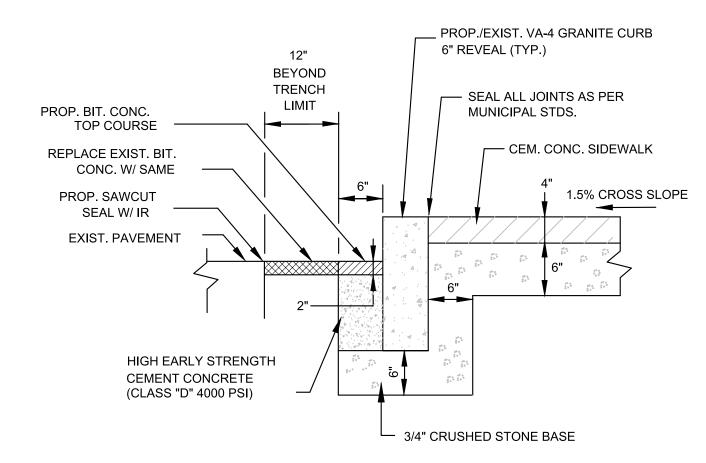
DRIVEWAY APRON
NOT TO SCALE



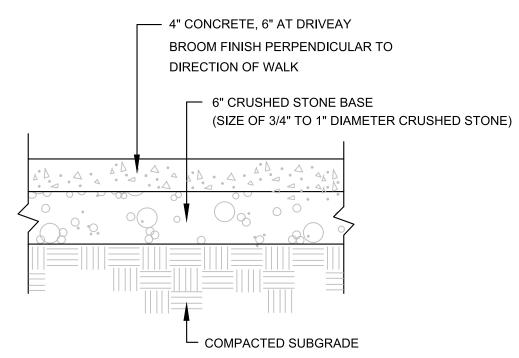


SEE SITE LAYOUT PLAN FOR PAVEMENT WIDTH AND LOCATION.
 SEE GRADING PLAN FOR PAVEMENT SLOPE AND CROSS-SLOPE.

6 BITUMINOUS CONCRETE PAVEMENT
NOT TO SCALE



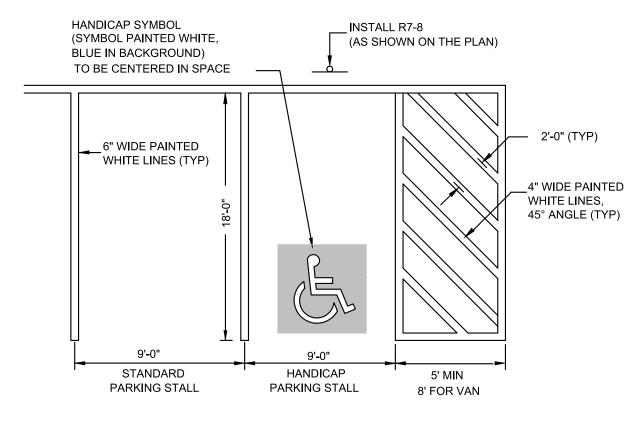
VERTICAL GRANITE CURB (NEW OR RESET)
NOT TO SCALE



#### NOTES:

- 1. PROVIDE ½" CONSTRUCTION CONTROL JOINT WITH PREFORMED EXPANSION MATERIAL EVERY 10'-0" O.C. MAX.
- 2. PROVIDE A TOOLED DUMMY JOINT  $\frac{1}{4}$ "W x  $\frac{1}{2}$ "D AS NEEDED TO PROVIDE SYMMETRY.





#### 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



ARCHITECT
Khalsa Design Inc.
17 Ivaloo Street Suite 400
Somerville, MA 02143
617-591-8682

PROJECT TEAM

#### THE RESIDENCES AT 515 SOMERVILLE AVE.

515 Somerville Avenue Somerville, MA 02145

DEVELOPER
DG/Real Estate Development
14 Ibbetson Street #3
Somerville, MA 02143
617-591-8682

PROJECT INFO

REV DESCRIPTION DATE



STAMP.

**DETAILS II** 

SHEET NAME:

C2.1

SHT NO:

DR BY: RB

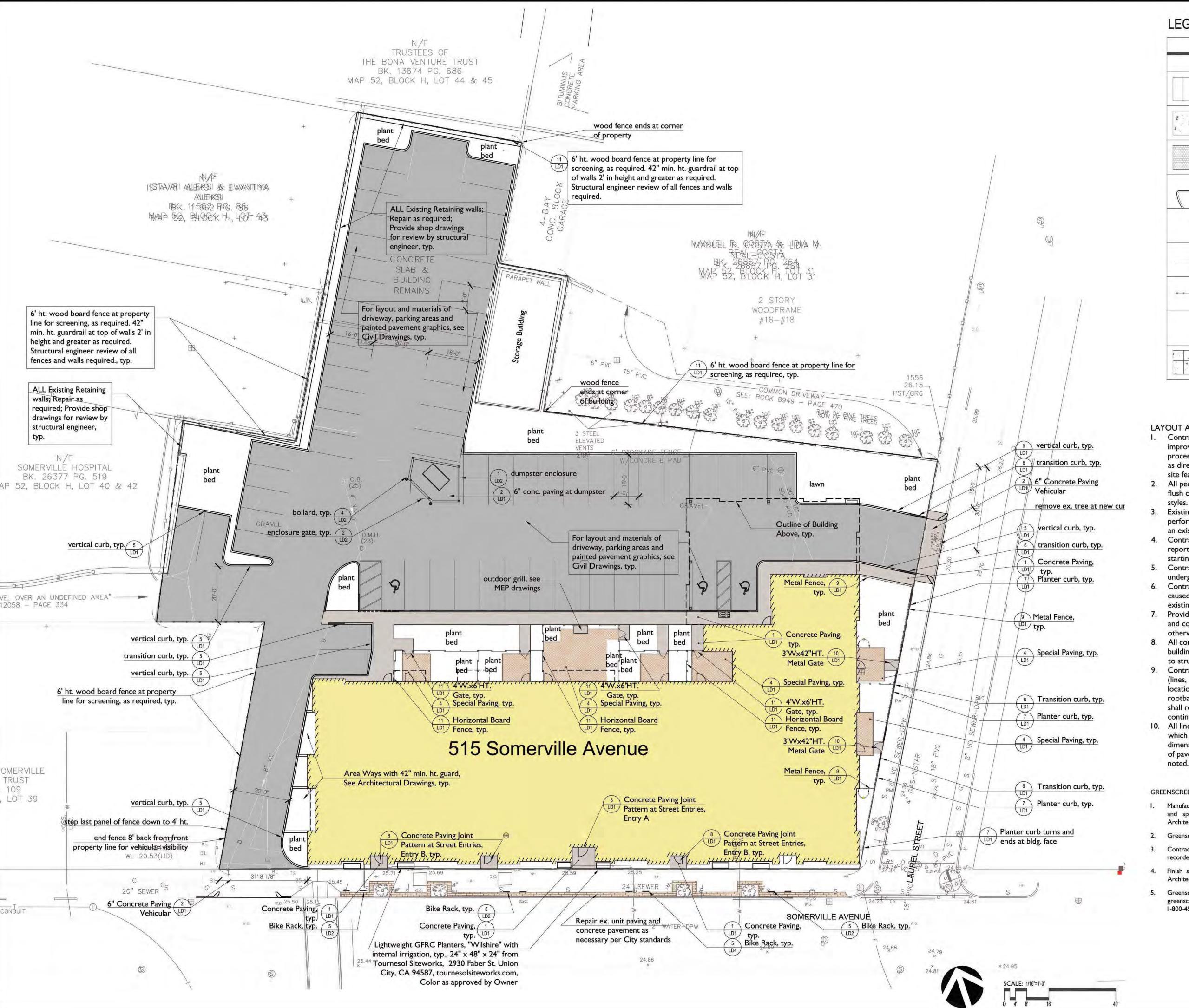
CHK BY: ES

PROJ NO: 2013-099

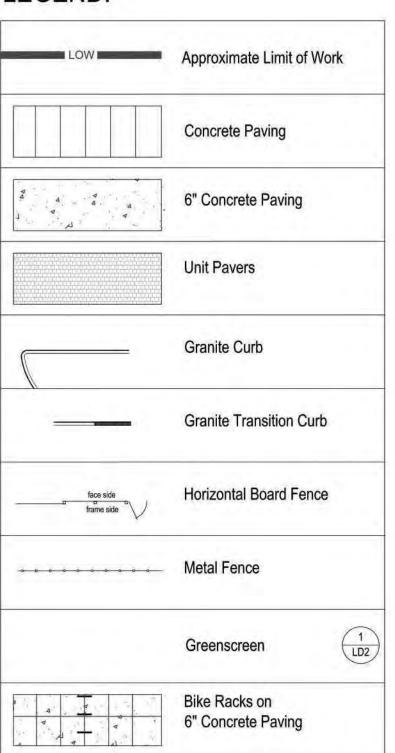
DATE: FEBRUARY 22, 2018

SCALE: N.T.S.

P:\2013 PROJECTS\2013-099 515 SOMERVILLE AVE SOMERVILLE\DWG\\_ENGINEERING\13-099 C2.0 DETAILS.DWG



## LEGEND:



#### LAYOUT AND MATERIALS NOTES

- Contractor shall lay out paths, walls and site improvements for review by the Architect prior to proceeding with the work. Make adjustments to layout as directed. Provide proposed grades at all corners and site features as directed.
- All pedestrian walkways and patios on one level plane: flush condition between all changes in paver/paving
- Existing conditions information is from a survey performed by Design Consultants, Inc. and taken from an existing conditions plan received Jan. 2017.
- 4. Contractor shall verify all conditions in the field and report any discrepancies to the architect prior to starting work.
- Contractor shall notify digsafe I-888-dig-safe and verify underground utilities prior to excavation.
- 6. Contractor is responsible for repairing any damage caused to roads, walks, utilities, site improvements, existing or proposed, damaged by this project.
- 7. Provide expansion joints in concrete walks at 20' o.c. and control joints at 5' o.c. as per specifications, unless otherwise noted on drawings.
- 8. All concrete pads at exterior doors shall be pinned to building foundation and provide expansion joint, refer to structural drawings.
- Contractor shall coordinate location of all utilities (lines, ducts, conduits, sleeves, footings, etc.) with locations of proposed landscape elements (walls, tree rootballs, proposed lighting footings, etc.). contractor shall report any discrepancies to the architect prior to continuing work..
- 10. All lines are parallel or perpendicular to lines from which they are measured, unless otherwise noted. dimensions are to face of wall, to face of curb; to edge of pavement; to edge of improvement or as otherwise

#### **GREENSCREEN SPECIFICATIONS:**

- I. Manufacturer to provide complete shop drawings detailing components and specific mounting requirements for approval to Landscape Architect and Architect
- 2. Greenscreen attached to existing masonry wall.
- Contractor shall verify all field measurements before fabrication; show recorded measurements on shop drawings.
- Finish shall be Matte Texture Black, or as approved by Landscape
- Greenscreen panels, trim, and mounting hardware shall be supplied by greenscreen, 1743 La Cienega Blvd., Los Angeles, CA 90035; Tel: I-800-450-3494; Fax: 310-837-0523, www.greenscreen.com.

PROJECT NAME MID-POINT RESIDENCES @ 515 SOMERVILLE AVE. PROJECT ADDRESS

515 SOMERVILLE AVE SOMERVILLE MA

CLIENT

ARCHITECT KHALSA DESIGN INC.

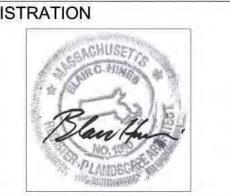


17 IVALOO STREET, SUITE 400 SOMERVILLE, MA 02143

LANDSCAPE ARCHITECT

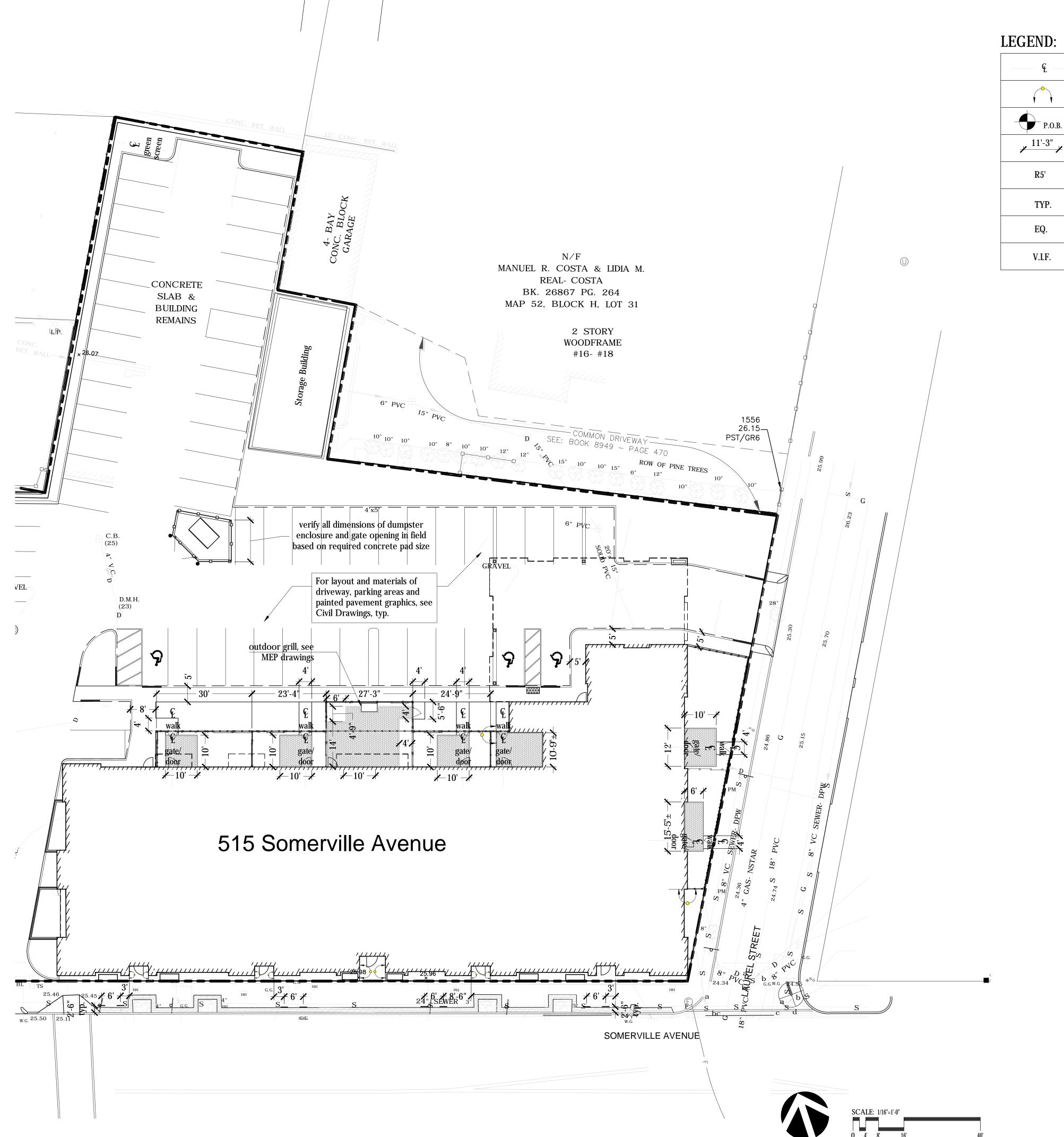
VERDANT LANDSCAPE ARCHITECTURE 318 Harvard Street, Suite 25 Brookline, MA 02446 617-735-1180 verdantlandscapearchitecture.com

REGISTRATION



Proje	ct number	1653
Date	Februar	y 1, 2018
Draw	n by	KÞ
Chec	ked by	KF
Scale	1/	16"=1'-0
REV	ISIONS	
No.	Description	Date
1	Site Plan Update and Unit	02/22/20
	Reduction	
		1
-		
		1

**MATERIALS** PLAN



Ç	CENTERLINE
	ALIGN
P.O.B.	POINT OF BEGINNING
11'-3"	DIMENSION
R5'	RADIUS = 5'
TYP.	TYPICAL
EQ.	EQUAL
V.I.F.	VERIFY IN FIELD

PROJECT NAME
MID-POINT
RESIDENCES @ 515
SOMERVILLE AVE.
PROJECT ADDRESS

515 SOMERVILLE AVE SOMERVILLE MA

CLIENT

ARCHITECT

KHALSA DESIGN INC.

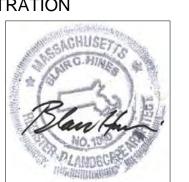


17 IVALOO STREET, SUITE 400 SOMERVILLE, MA 02143 TELEPHONE 617-591-8682 FAX: 617-591-2086

LANDSCAPE ARCHITECT

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

REGISTRATION



Projec	t number	1653	
Date	February	1, 2018	
Drawn	<del>_</del>	TRIN	
Check	ed by	KP	
-		6"=1'-0"	
REVI	SIONS		
No.	Description	Date	
1	Site Plan Update and Unit	02/22/2018	
	Reduction		
11	T. Control of the Con	1	

**L2** 

LAYOUT PLAN



PROJECT NAME **MID-POINT** RESIDENCES @ 515 SOMERVILLE AVE. PROJECT ADDRESS

515 SOMERVILLE AVE SOMERVILLE MA

CLIENT

**NOTES** 

B&B, single stem

B&B

B&B

B&B

B&B

B&B

B&B

B&B

Pots

Pots

Pots

Pots

Pots

Pots

Pots

Pots

ARCHITECT

#### KHALSA DESIGN INC.

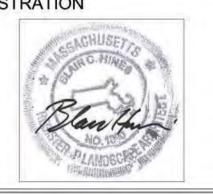


17 IVALOO STREET, SUITE 400 SOMERVILLE, MA 02143

LANDSCAPE ARCHITECT

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

REGISTRATION

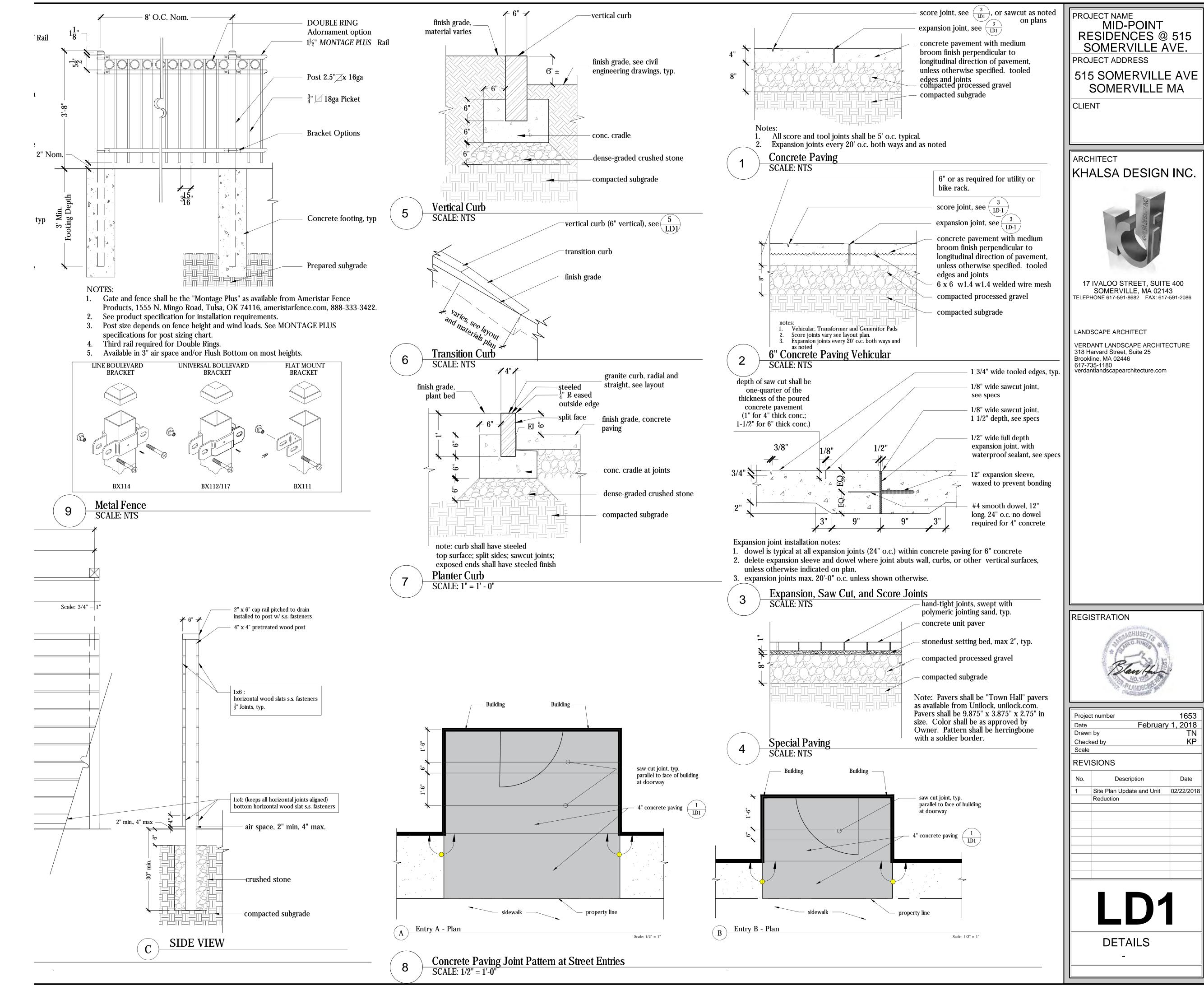


Project number February 1, 2018 TN KP Date Drawn by Checked by

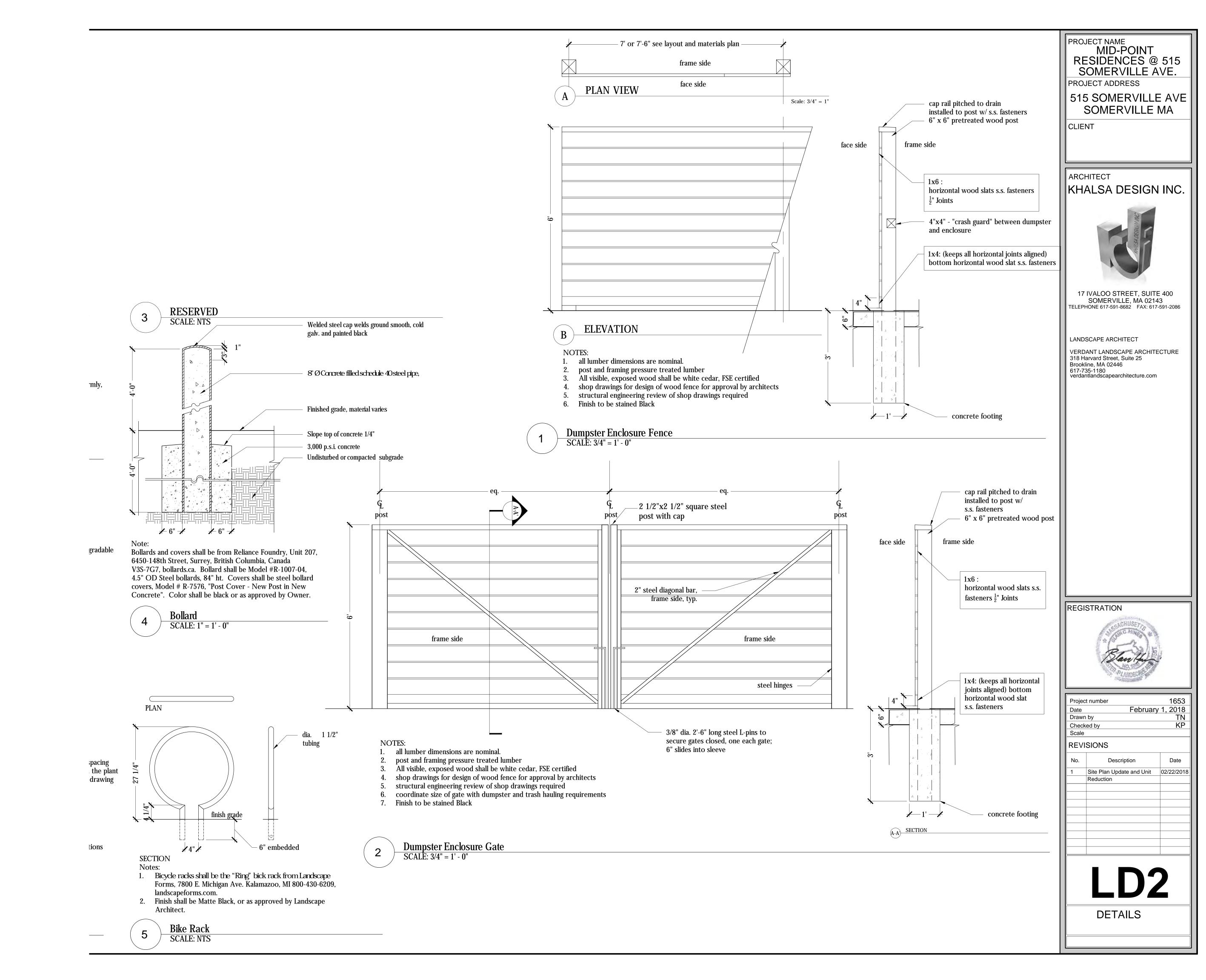
REVISIONS

Date Description Site Plan Update and Unit 02/22/2018

**PLANTING** PLAN



RESIDENCES @ 515



AREA STATS (DWELLING UNITS)		
Level	Area	
1 - First Floor	5457 SF	
2 - Second Floor	13725 SF	
3 - Third Floor	13727 SF	
4 - Fourth Floor	13705 SF	
Grand total: 50	46614 SF	

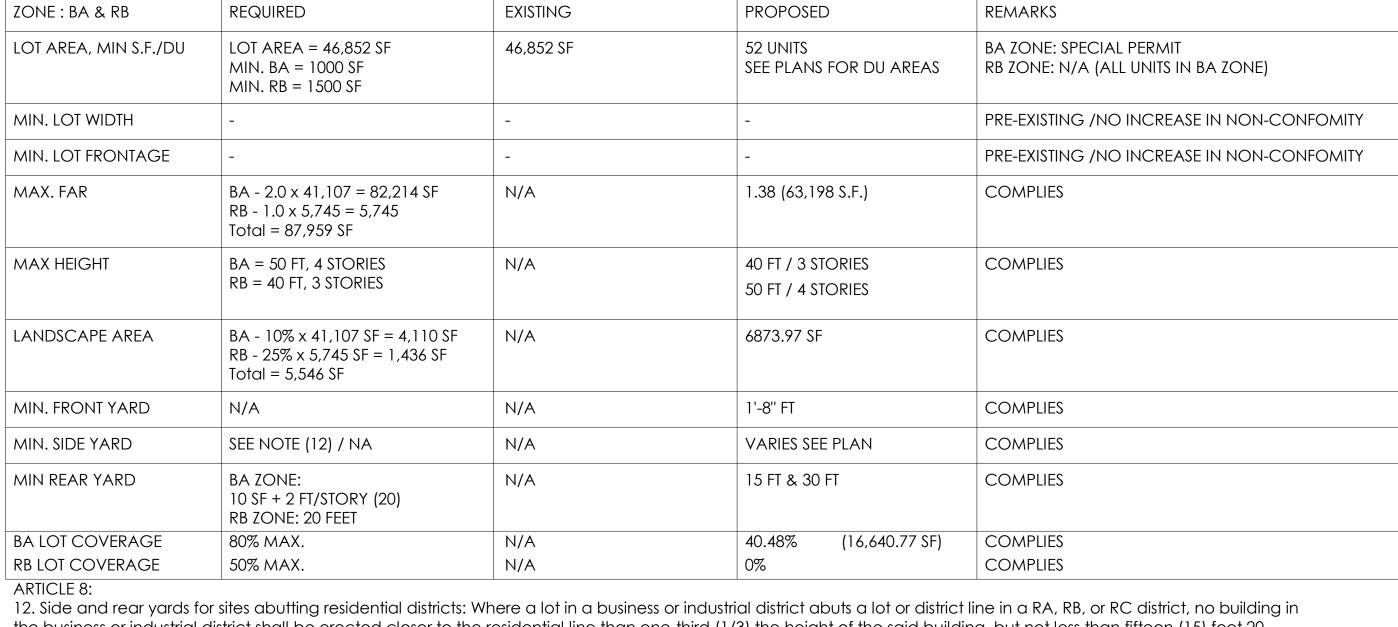
AREA STATS (Gross Building)		
Level	Area	
1 - First Floor	14099 SF	
2 - Second Floor	16630 SF	
3 - Third Floor	16630 SF	
4 - Fourth Floor	15835 SF	
	63195 SF	

	11 T	0 1
Level	Unit Type	Count
1 - First Floor	2 BED	2
1 - First Floor	STUDIO 1 BED	4

2 - Second Floor	1 BED	3
2 - Second Floor	1 BED+STUDY	1
2 - Second Floor	2 BED	12

3 - Third Floor	1 BFD	3
3 - Third Floor	1 BED+STUDY	1
3 - Third Floor	2 BED	11
3 - Third Floor	3 BED	1

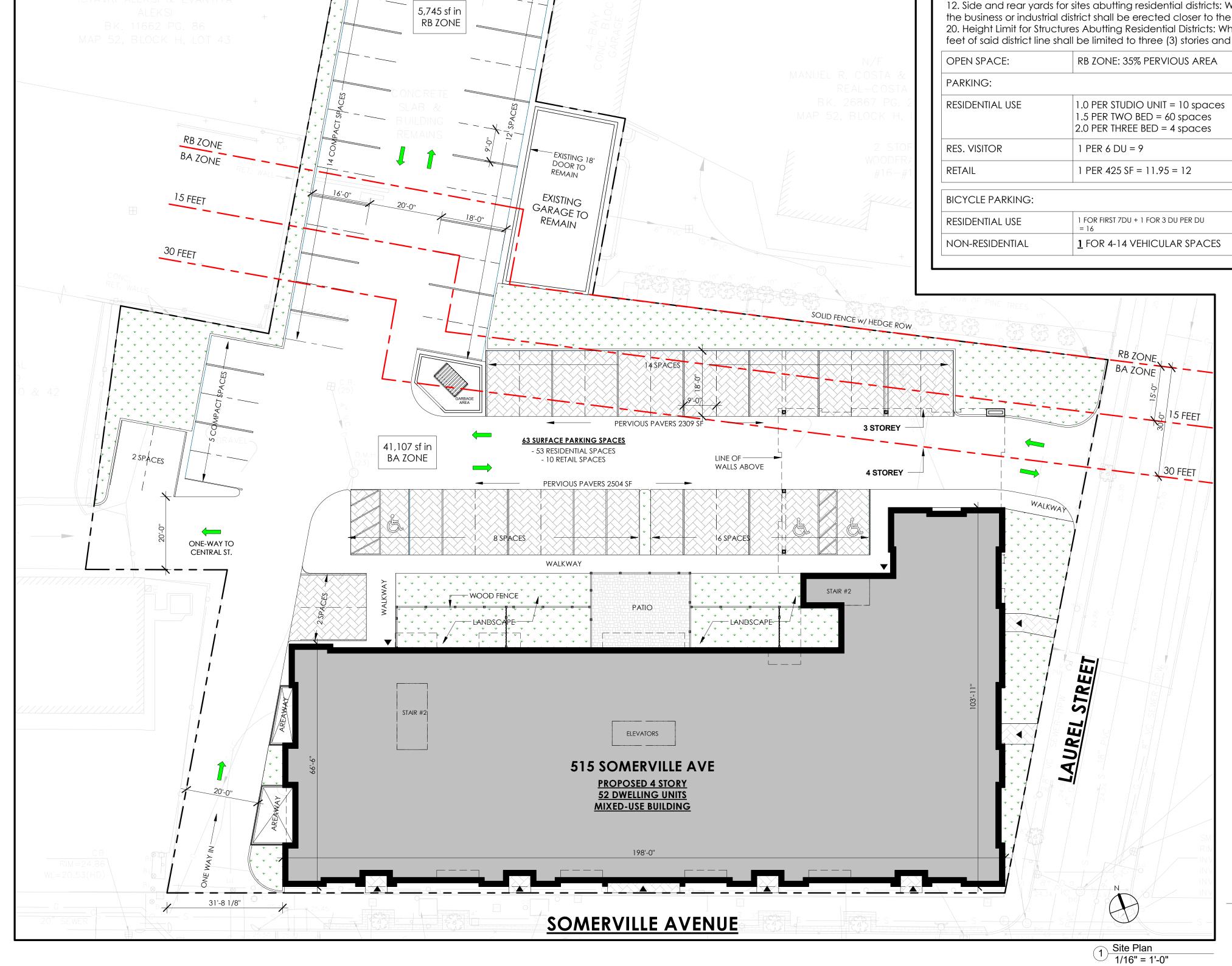
4 - Fourth Floor	1 BED+STUDY	1
4 - Fourth Floor	2 BED	12
4 - Fourth Floor	3 BED	1
52		52

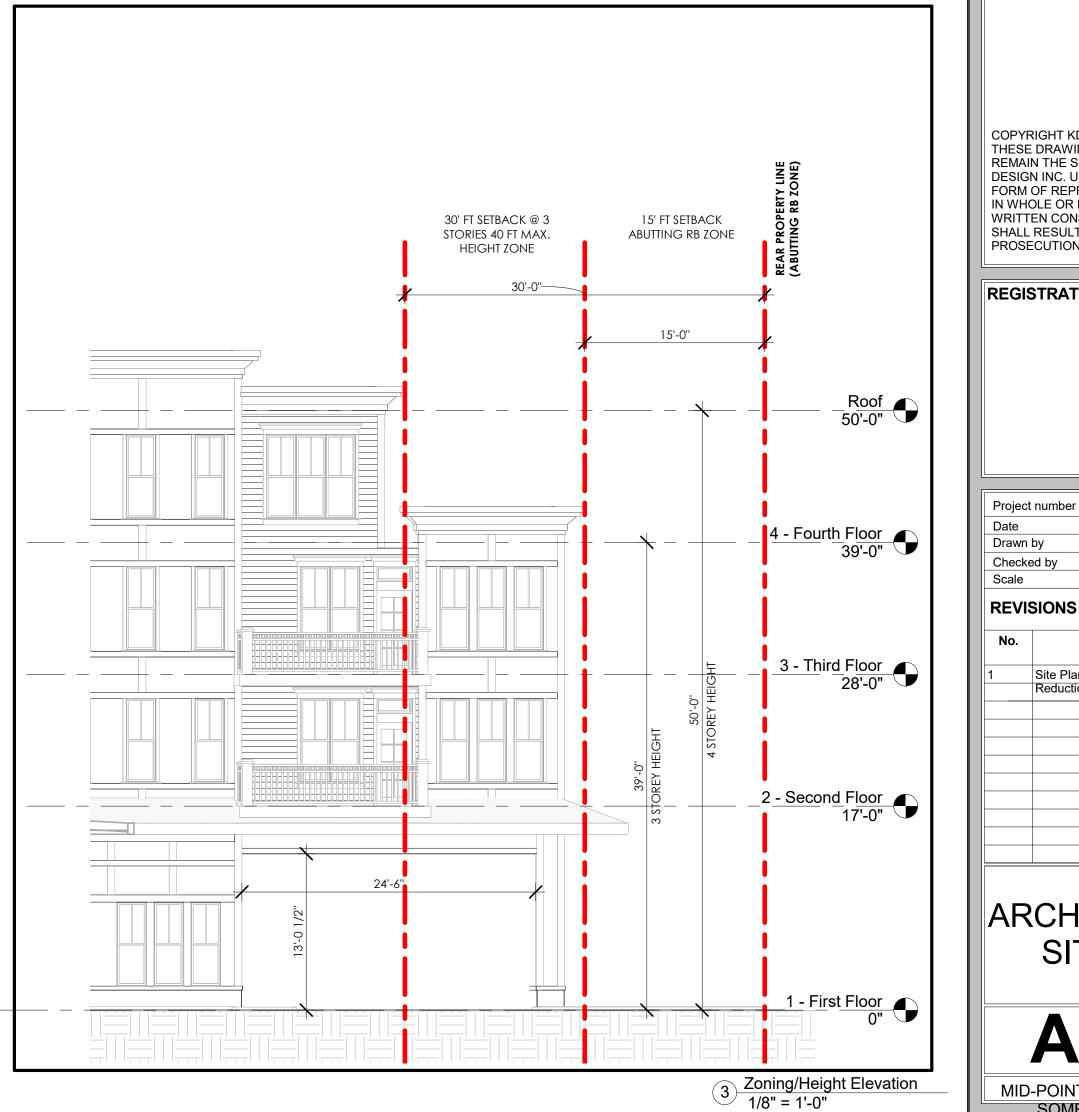


**ZONING CHART** 

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.20. 20. Height Limit for Structures Abutting Residential Districts: Where a lot abuts an RA, RB or RC zoning district line, any structure (or portion of a structure) within thirty (30) feet of said district line shall be limited to three (3) stories and forty (40) feet in height.

	shall be littlied to trice (5) stolles and			
OPEN SPACE:	RB ZONE: 35% PERVIOUS AREA	N/A	39.4%	COMPLIES
PARKING:				
RESIDENTIAL USE	1.0 PER STUDIO UNIT = 10 spaces 1.5 PER TWO BED = 60 spaces 2.0 PER THREE BED = 4 spaces	N/A	1.0 PER DU = 52	SPECIAL PERMIT
RES. VISITOR	1 PER 6 DU = 9	N/A	0 SPACES	SPECIAL PERMIT
RETAIL	1 PER 425 SF = 11.95 = 12	N/A	11 SPACES	SPECIAL PERMIT
BICYCLE PARKING:				
RESIDENTIAL USE	1 FOR FIRST 7DU + 1 FOR 3 DU PER DU = 16	N/A	32 SPACES	COMPLIES
NON-RESIDENTIAL	1 FOR 4-14 VEHICULAR SPACES	N/A	1 SPACES	COMPLIES







PROJECT ADDRESS

515 Somerville Avenue, Somerville, MA

CLIENT

D.E.V.B LLC

KHALSA DESIGN INC.

ARCHITECT



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2086

CONSULTANTS:

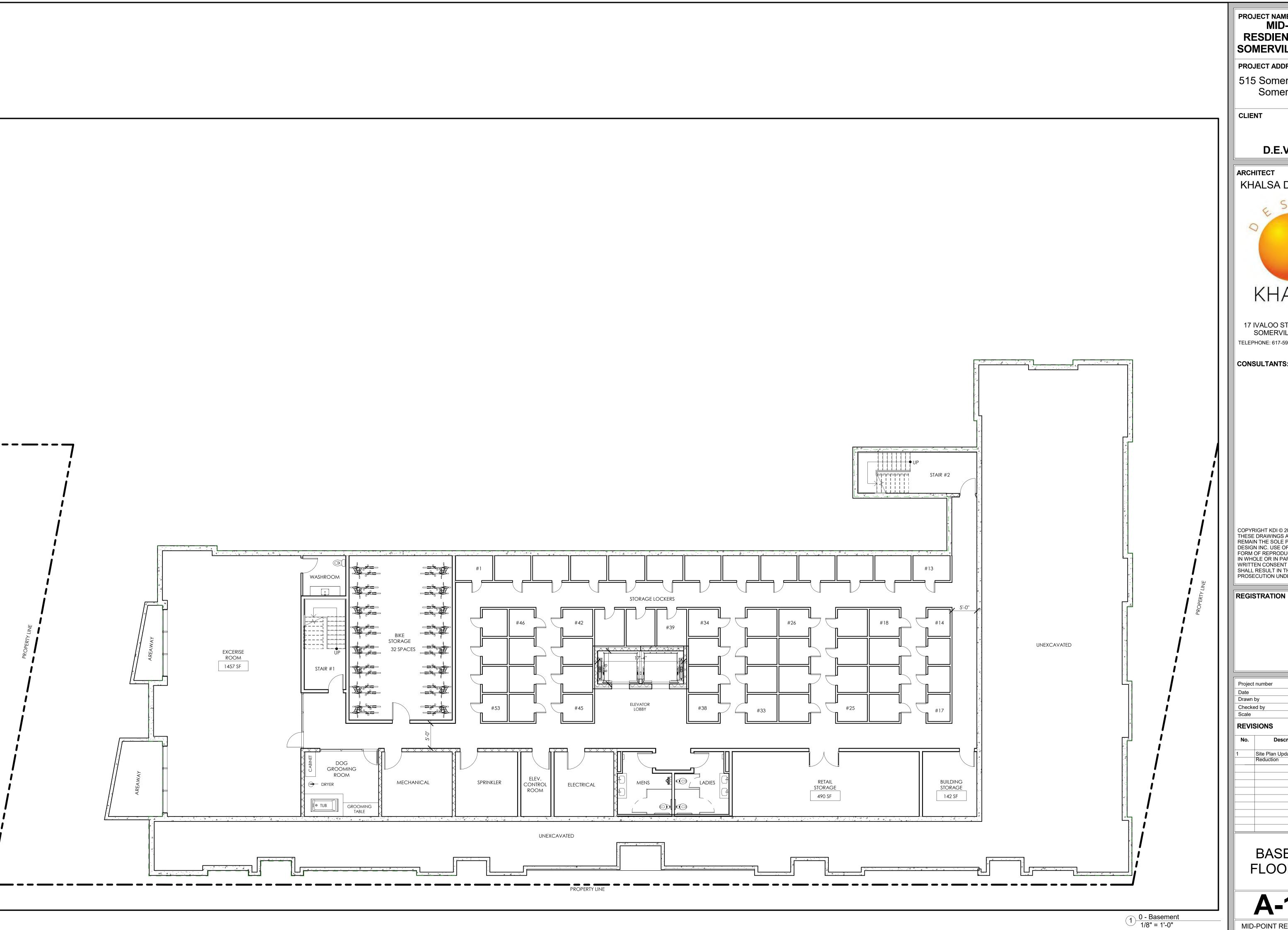
COPYRIGHT KDI © 2015 THESE DRAWINGS ARE NOW AND DO REMAIN THE SOLE PROPERTY OF KHALSA FORM OF REPRODUCTION OF THIS DESIGN IN WHOLE OR IN PART WITHOUT EXPRESS SHALL RESULT IN THE FULLEST EXTENT OF

REGISTRATION

rawn by hecked by cale  As indicated  EVISIONS	-		
hecked by JSK cale As indicated  EVISIONS  No. Description Date  Site Plan Update & Unit 2/20/2017	ate		03/09/18
EVISIONS  No. Description Date  Site Plan Update & Unit 2/20/2017	rawn by		
No. Description Date Site Plan Update & Unit 2/20/2017	heck	ed by	JSK
No. Description Date  Site Plan Update & Unit 2/20/2017	cale		As indicated
Site Plan Update & Unit 2/20/2017	EVI	SIONS	
	No.	Description	Date
Reduction			2/20/2017
		Reduction	

16065

ARCHITECTURAL SITE PLAN



PROJECT ADDRESS

515 Somerville Avenue, Somerville, MA

CLIENT

D.E.V.B LLC

ARCHITECT KHALSA DESIGN INC.



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2086

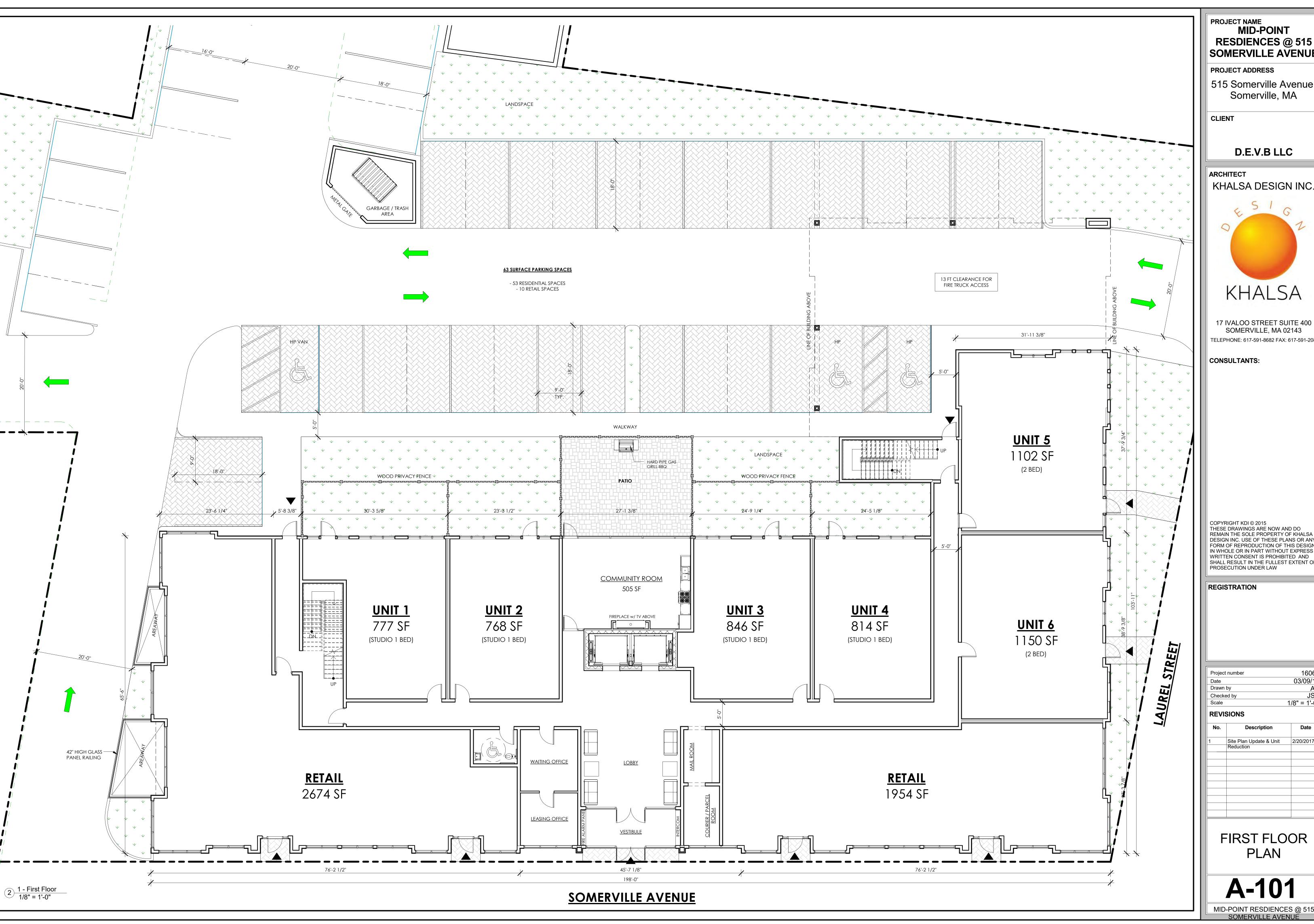
CONSULTANTS:

COPYRIGHT KDI © 2015
THESE DRAWINGS ARE NOW AND DO
REMAIN THE SOLE PROPERTY OF KHALSA
DESIGN INC. USE OF THESE PLANS OR ANY FORM OF REPRODUCTION OF THIS DESIGN IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN CONSENT IS PROHIBITED AND SHALL RESULT IN THE FULLEST EXTENT OF PROSECUTION UNDER LAW

oject number	16065
te	03/09/18
awn by	AB
ecked by	JSK
ale	1/8" = 1'-0"
EVISIONS	

No.	Description	Date
1	Site Plan Update & Unit Reduction	2/20/2017
	- I Cadacases	

**BASEMENT** FLOOR PLAN



PROJECT ADDRESS

515 Somerville Avenue, Somerville, MA

D.E.V.B LLC

ARCHITECT



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2086

CONSULTANTS:

COPYRIGHT KDI © 2015
THESE DRAWINGS ARE NOW AND DO
REMAIN THE SOLE PROPERTY OF KHALSA
DESIGN INC. USE OF THESE PLANS OR ANY FORM OF REPRODUCTION OF THIS DESIGN
IN WHOLE OR IN PART WITHOUT EXPRESS
WRITTEN CONSENT IS PROHIBITED AND
SHALL RESULT IN THE FULLEST EXTENT OF
PROSECUTION UNDER LAW

REGISTRATION

Project number	16065	
ate	03/09/18	
rawn by	AB	
Checked by	JSK	
Scale	1/8" = 1'-0"	
EVISIONS		

FIRST FLOOR PLAN

PROJECT ADDRESS

515 Somerville Avenue, Somerville, MA

D.E.V.B LLC

ARCHITECT



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2086

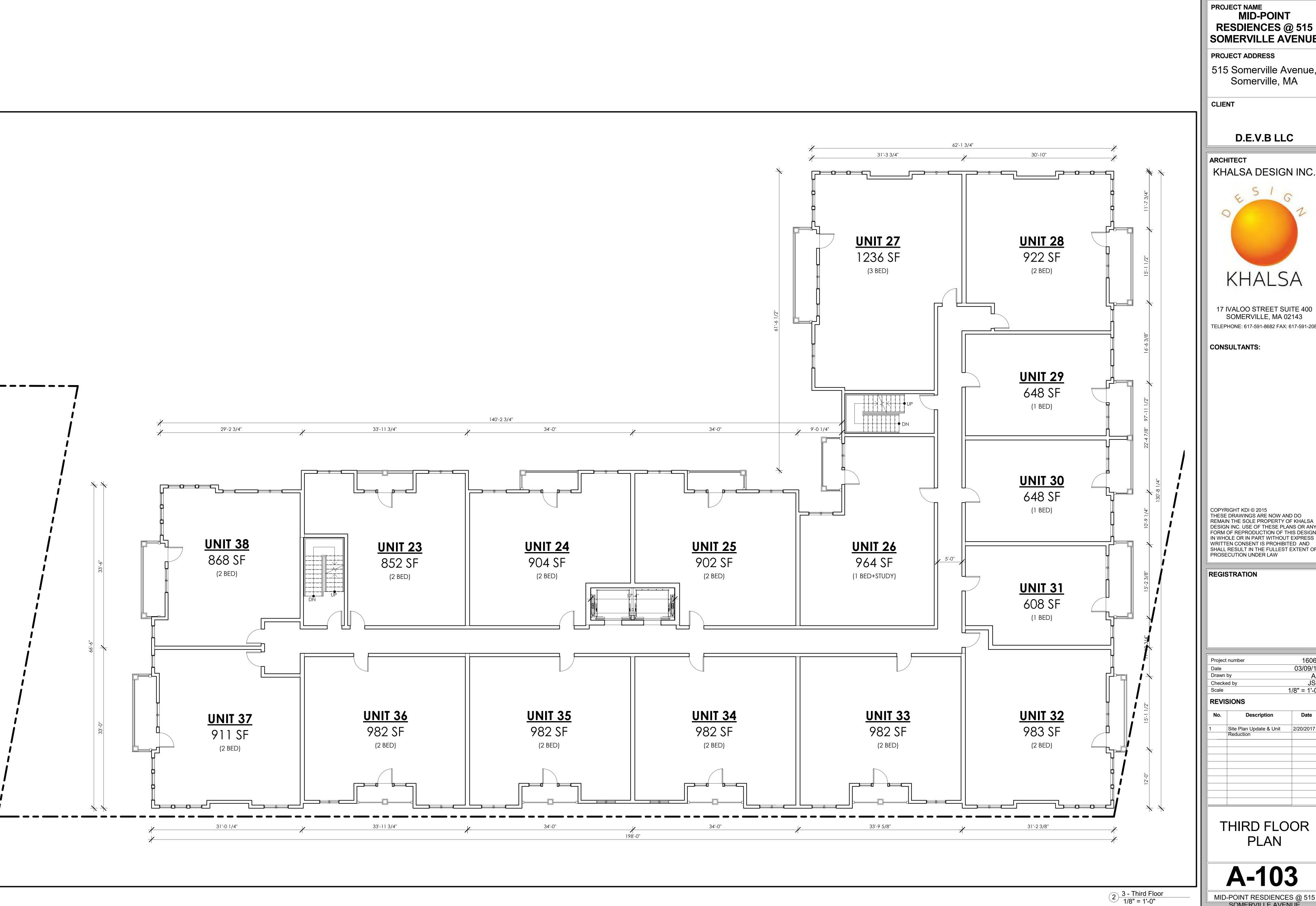
CONSULTANTS:

COPYRIGHT KDI © 2015
THESE DRAWINGS ARE NOW AND DO
REMAIN THE SOLE PROPERTY OF KHALSA
DESIGN INC. USE OF THESE PLANS OR ANY
FORM OF REPRODUCTION OF THIS DESIGN
IN WHOLE OR IN PART WITHOUT EXPRESS
WRITTEN CONSENT IS PROHIBITED AND
SHALL RESULT IN THE FULLEST EXTENT OF
PROSECUTION UNDER LAW

Projec	t number	16065	
Date		03/09/18	
Drawn	by	AB	
Check	ed by	JSK	
Scale		1/8" = 1'-0"	
REVI	SIONS		
No.	Description	Date	
1	Site Plan Update & Unit	2/20/2017	
	Reduction		

SECOND FLOOR PLAN

**A-102** 



515 Somerville Avenue,



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2086

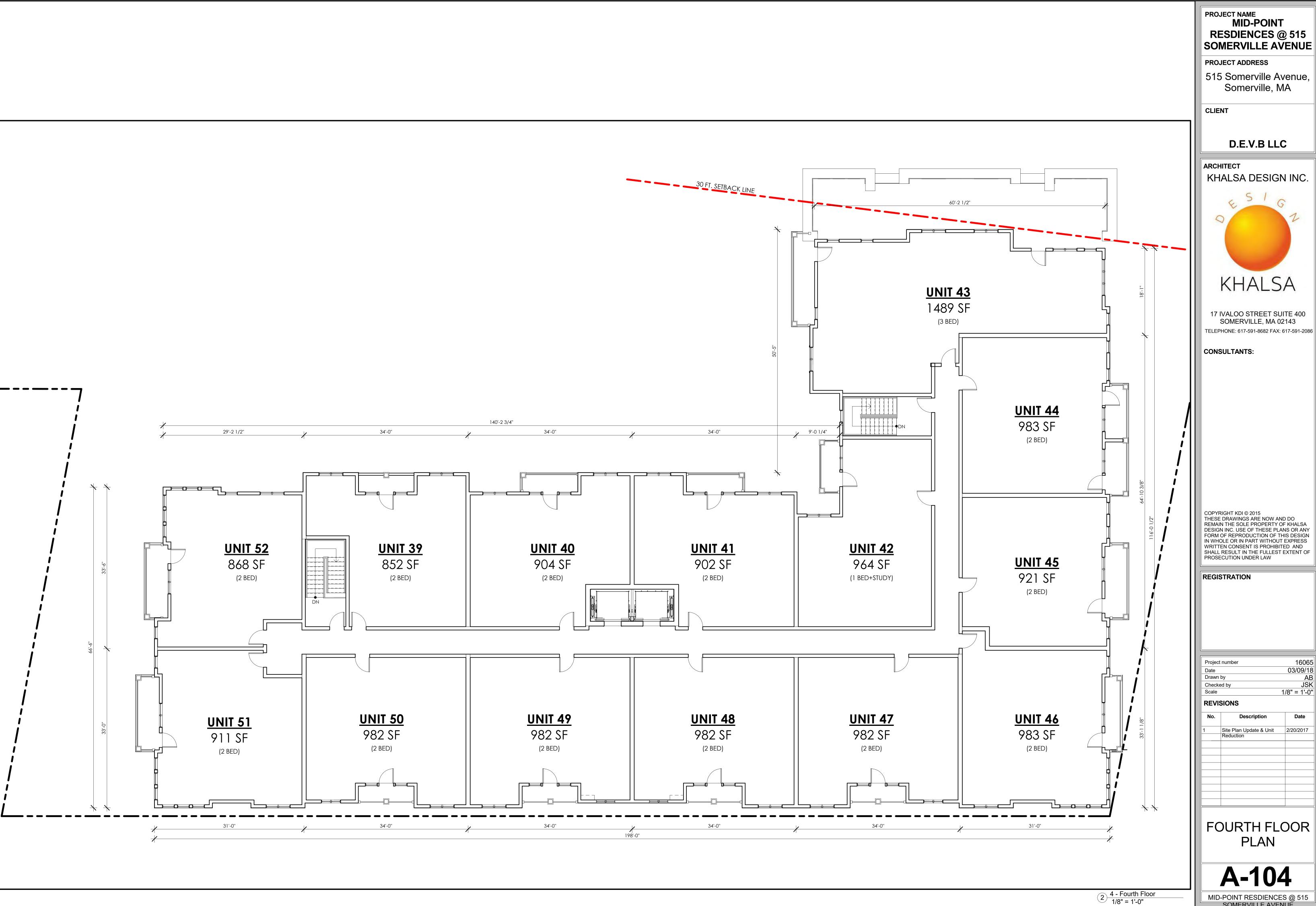
COPYRIGHT KDI © 2015
THESE DRAWINGS ARE NOW AND DO
REMAIN THE SOLE PROPERTY OF KHALSA
DESIGN INC. USE OF THESE PLANS OR ANY
FORM OF REPRODUCTION OF THIS DESIGN
IN WHOLE OR IN PART WITHOUT EXPRESS
WRITTEN CONSENT IS PROHIBITED AND
SHALL RESULT IN THE FULLEST EXTENT OF
PROSECUTION UNDER LAW

Project n	umber		16065	
Date			03/09/18	
Drawn by			AB	
Checked by			JSK	
Scale		1.	/8" = 1'-0"	
REVISIONS				
No.	Description		Date	

REVISIONS			
No.	Description	Date	
1	Site Plan Update & Unit Reduction	2/20/2017	
	Reduction		

THIRD FLOOR PLAN

**A-103** 



**RESDIENCES @ 515** SOMERVILLE AVENUE

515 Somerville Avenue,



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143

COPYRIGHT KDI © 2015
THESE DRAWINGS ARE NOW AND DO
REMAIN THE SOLE PROPERTY OF KHALSA
DESIGN INC. USE OF THESE PLANS OR ANY
FORM OF REPRODUCTION OF THIS DESIGN
IN WHOLE OR IN PART WITHOUT EXPRESS
WRITTEN CONSENT IS PROHIBITED AND
SHALL RESULT IN THE FULLEST EXTENT OF
PROSECUTION UNDER LAW

Project number	16065
Date	03/09/18
Drawn by	AB
Checked by	JSK
Scale	1/8" = 1'-0"
REVISIONS	

No.	Description	Date
	Site Plan Update & Unit Reduction	2/20/2017

FOURTH FLOOR

A-104

MANUFACTUER - TBD CEMENTITIOUS TRIM

MANUFACTUER - JAMES HARDIE

#### PROJECT NAME MID-POINT RESDIENCES @ 515 SOMERVILLE AVENUE

PROJECT ADDRESS

515 Somerville Avenue, Somerville, MA

CLIENT

WHITE

TBD

D.E.V.B LLC

ARCHITECT KHALSA DESIGN INC.



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2086

CONSULTANTS:

COPYRIGHT KDI © 2015
THESE DRAWINGS ARE NOW AND DO
REMAIN THE SOLE PROPERTY OF KHALSA
DESIGN INC. USE OF THESE PLANS OR ANY FORM OF REPRODUCTION OF THIS DESIGN IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN CONSENT IS PROHIBITED AND
SHALL RESULT IN THE FULLEST EXTENT OF
PROSECUTION UNDER LAW

REGISTRATION

			_
Project	number	1606	55
Date		03/09/1	8
Drawn	by	А	В
Checke	ed by	JS	K
Scale		As indicate	d
REVIS	SIONS		
No.	Desc	ription Date	
1	Site Plan Upo	date & Unit 2/20/2017	
	Reduction		
	٠.		
	·	g the term of the control of the con	
		·	
	· .		

**EXTERIOR ELEVATIONS** 





10 PRECAST STONE

MANUFACTUER - TBD

# PROJECT NAME MID-POINT RESDIENCES @ 515 SOMERVILLE AVENUE

PROJECT ADDRESS

515 Somerville Avenue, Somerville, MA

CLIENT

TBD

D.E.V.B LLC

ARCHITECT
KHALSA DESIGN INC.



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2086

CONSULTANTS:

COPYRIGHT KDI © 2015
THESE DRAWINGS ARE NOW AND DO
REMAIN THE SOLE PROPERTY OF KHALSA
DESIGN INC. USE OF THESE PLANS OR ANY
FORM OF REPRODUCTION OF THIS DESIGN
IN WHOLE OR IN PART WITHOUT EXPRESS
WRITTEN CONSENT IS PROHIBITED AND
SHALL RESULT IN THE FULLEST EXTENT OF
PROSECUTION UNDER LAW

REGISTRATION

Projec	t number	160	)65				
Date		03/09	03/09/18				
Drawn	by		ΑB				
Check	ed by		SK				
Scale		As indica	ted				
REVI	SIONS						
No.	Desci	ription Date	)				
1	Site Plan Upd	ate & Unit 2/20/201	7				
	Reduction						
	٠.						
		1000					
	·						
	٠.						

EXTERIOR ELEVATIONS









Somerville Ave Perspective





2 Laurel Street Perspective

COPYRIGHT KDI © 2015
THESE DRAWINGS ARE NOW AND DO
REMAIN THE SOLE PROPERTY OF KHALSA
DESIGN INC. USE OF THESE PLANS OF ANY FORM OF REPRODUCTION OF THIS DESIGN
IN WHOLE OR IN PART WITHOUT EXPRESS
WRITTEN CONSENT IS PROHIBITED AND
SHALL RESULT IN THE FULLEST EXTENT OF
PROSECUTION UNDER LAW REGISTRATION

PROJECT NAME
MID-POINT
RESDIENCES @ 515
SOMERVILLE AVENUE

515 Somerville Avenue,

Somerville, MA

D.E.V.B LLC

KHALSA DESIGN INC.

KHALSA

17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143

CONSULTANTS:

PROJECT ADDRESS

CLIENT

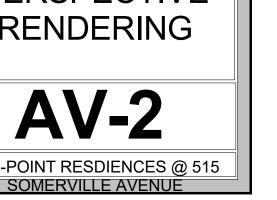
ARCHITECT

Project number 03/09/18 Drawn by AB JSK Checked by

REVISIONS

Site Plan Update & Unit 2/20/2017
Reduction

PERSPECTIVES





STREET PERSPECTIVE RENDERING LOOKING NORTH WEST ON SOMERVILLE AVE

PROJECT NAME
MID-POINT
RESDIENCES @ 515
SOMERVILLE AVENUE

PROJECT ADDRESS

515 Somerville Avenue, Somerville, MA

CLIENT

D.E.V.B LLC

ARCHITECT KHALSA DESIGN INC.



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143

CONSULTANTS:

COPYRIGHT KDI © 2015
THESE DRAWINGS ARE NOW AND DO
REMAIN THE SOLE PROPERTY OF KHALSA
DESIGN INC. USE OF THESE PLANS OR ANY
FORM OF REPRODUCTION OF THIS DESIGN
IN WHOLE OR IN PART WITHOUT EXPRESS
WRITTEN CONSENT IS PROHIBITED AND
SHALL RESULT IN THE FULLEST EXTENT OF
PROSECUTION UNDER LAW

REGISTRATION

Project nu	ımber	16065
Date		03/09/18
Drawn by		Autho
Checked	by	Checke
Scale		
REVISION	ONS	
No.	Description	Date

PERSPECTIVE RENDERING



PROJECT ADDRESS

515 Somerville Avenue, Somerville, MA

CLIENT

D.E.V.B LLC

ARCHITECT KHALSA DESIGN INC.



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2086

CONSULTANTS:

COPYRIGHT KDI © 2015
THESE DRAWINGS ARE NOW AND DO
REMAIN THE SOLE PROPERTY OF KHALSA
DESIGN INC. USE OF THESE PLANS OR ANY FORM OF REPRODUCTION OF THIS DESIGN
IN WHOLE OR IN PART WITHOUT EXPRESS
WRITTEN CONSENT IS PROHIBITED AND
SHALL RESULT IN THE FULLEST EXTENT OF
PROSECUTION UNDER LAW

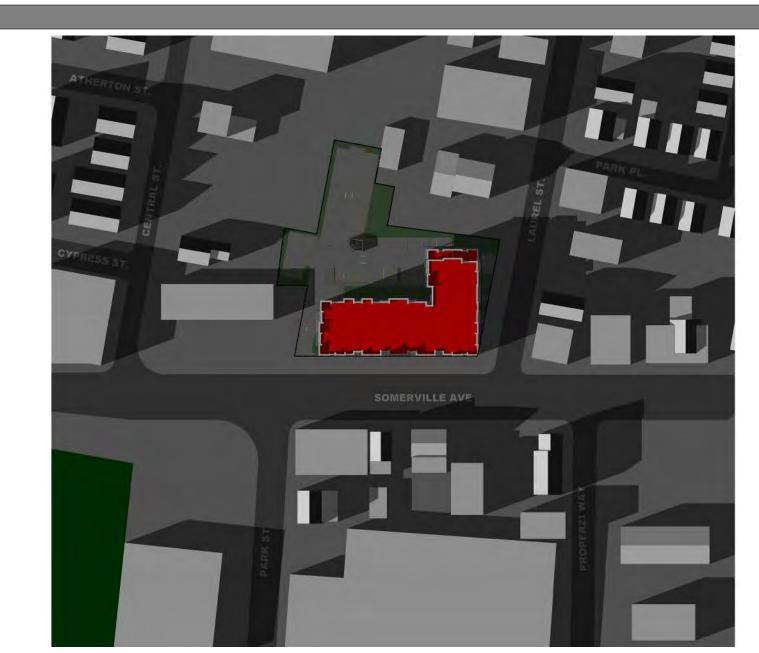
REGISTRATION

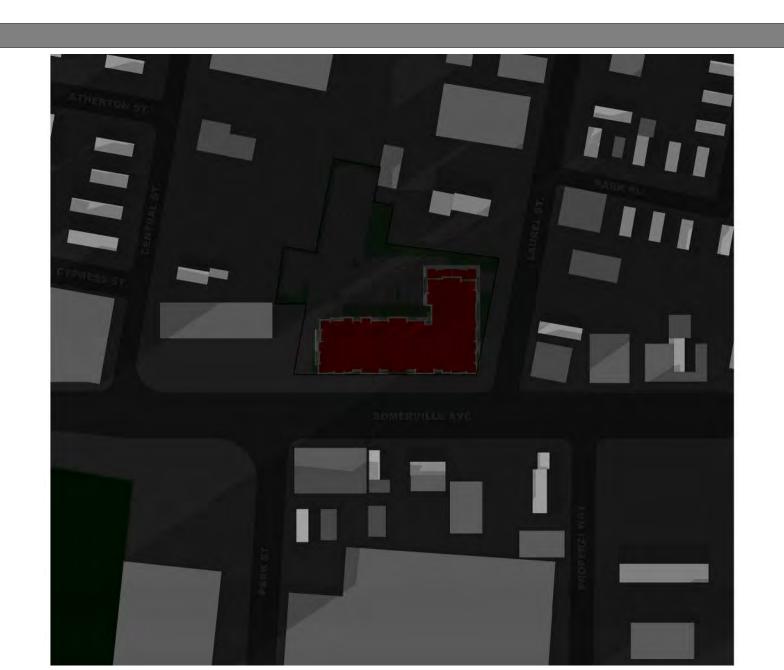
Project nu	mber	16065		
Date		03/09/18		
Drawn by		Author		
Checked b	ру	Checker		
Scale				
REVISIO	ONS			
No.	Description	Date		

PERSPECTIVE RENDERING

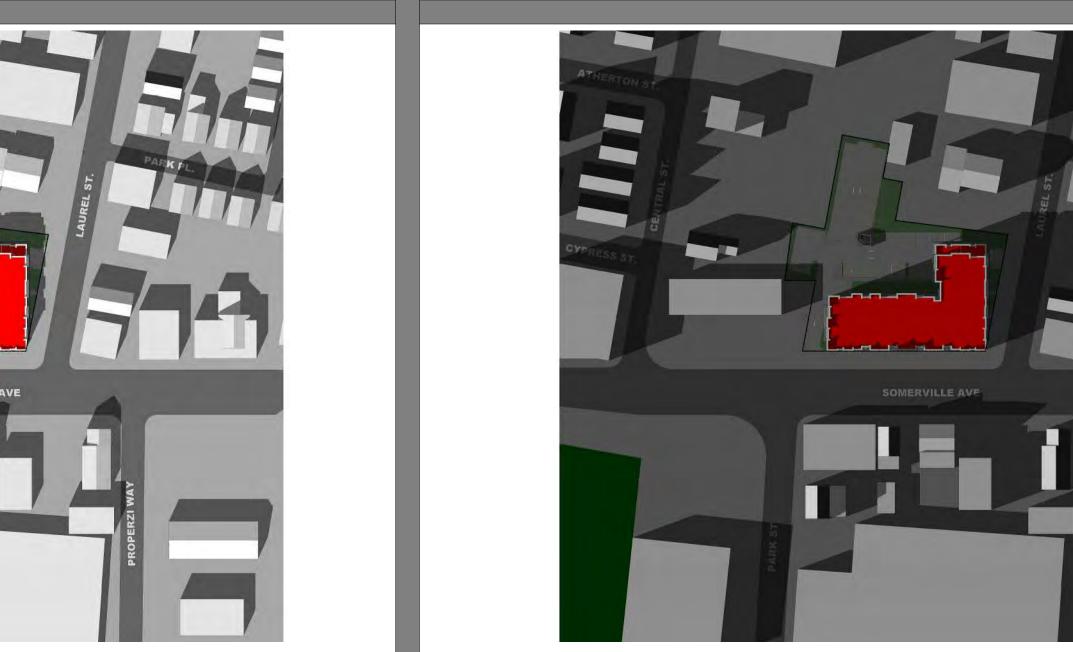
# AFTERNOON (3-4 PM)

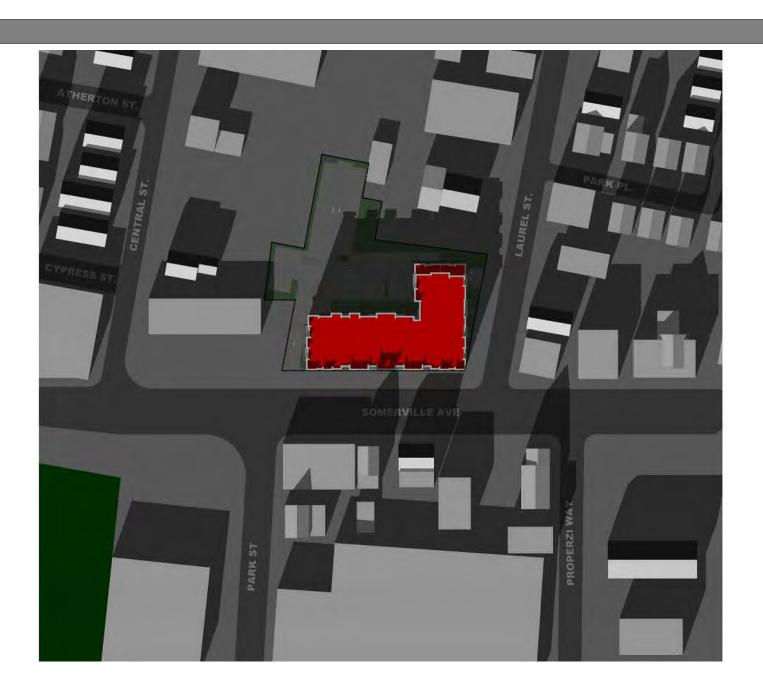












NOON (12 AM-1 PM)

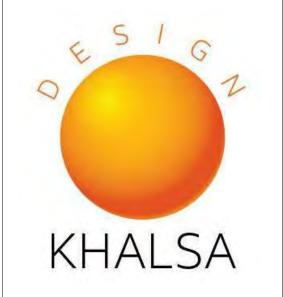
PROJECT NAME
MID-POINT
RESDIENCES @ 515
SOMERVILLE AVENUE

515 Somerville Avenue, Somerville, MA

D.E.V.B LLC

ARCHITECT

KHALSA DESIGN INC.



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143

CONSULTANTS:

COPYRIGHT KDI © 2015
THESE DRAWINGS ARE NOW AND DO
REMAIN THE SOLE PROPERTY OF KHALSA
DESIGN INC. USE OF THESE PLANS OR ANY FORM OF REPRODUCTION OF THIS DESIGN
IN WHOLE OR IN PART WITHOUT EXPRESS
WRITTEN CONSENT IS PROHIBITED AND
SHALL RESULT IN THE FULLEST EXTENT OF
PROSECUTION UNDER LAW

REGISTRATION

Project nu	mber	16065				
Date		03/09/18				
Drawn by		AB				
Checked b	ру	JSK				
Scale		12" = 1'-0"				
REVISIO	ONS					
No.	Description	Date				

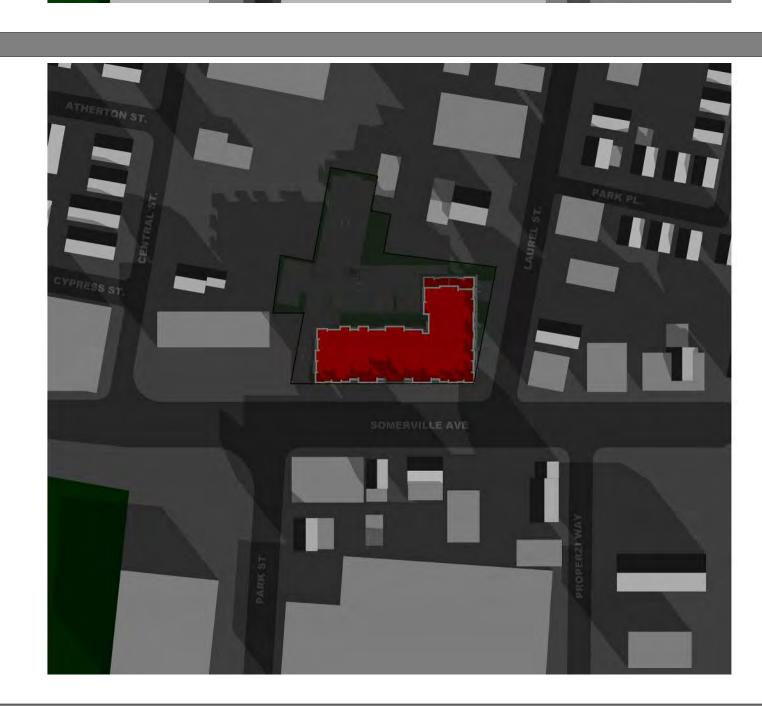
SHADOW STUDY

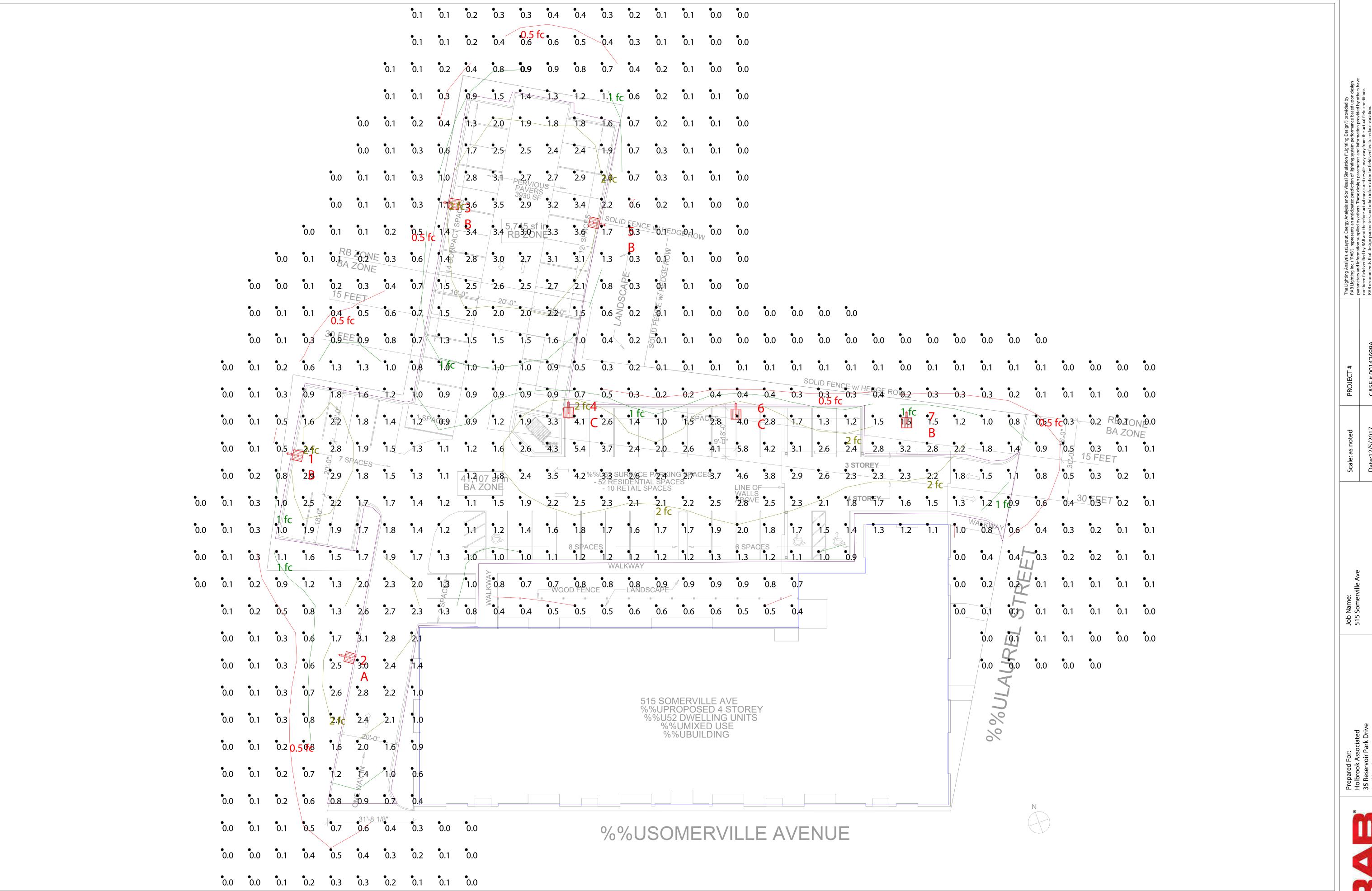




**MORNING (9-10 AM)** 







LIGHTING
170 Ludlow Avenue, Northvale, NJ 07647
888 722-1000 · RABWEB.COM

Calculation Summary											
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Description	PtSpcLr	PtSpcTb	Meter Type
CalcPts	Illuminance	Fc	1.81	5.8	0.2	9.05	29.00	Readings taken at 0' 0"	10	10	Horizontal
CalcPts - Extents	Illuminance	Fc	0.27	2.6	0.0	N.A.	N.A.	Readings taken at 0' 0"	10	10	Horizontal
Pavement (Stat Area)	Illuminance	Fc	2.03	5.8	0.7	2.90	8.29	Readings taken at 0' 0"			

Luminair	e Sched	lule								
Symbol	Qty	Tag	Label	Description	Lum. Lumens	LLF	Lum. Watts	<b>Total Watts</b>	Filename	<b>BUG Rating</b>
	1	Α	ALED2T78 D10	Pole	9552	1.000	77.9	77.9	ALED2T78 - Cool - RAB02128MOD50.IES	B1-U0-G2
	4	В	ALED3T78 D10	Pole	9263	1.000	76.8	307.2	ALED3T78 - Cool - RAB02147.IES	B1-U0-G2
	2	С	ALED4T78 D10	Pole	10157	1.000	77.1	154.2	ALED4T78 - Cool - RAB02138MOD50.IES	B1-U0-G2

Expanded Luminaire Location Summary									
LumNo	Tag	X	Υ	MTG HT	Orient	Tilt			
1	В	22.791	147.956	25	347.752	0			
2	Α	42.094	73.563	25	344.234	0			
3	В	80.535	240.595	25	351.329	0			
5	В	137.814	232.567	25	167.461	0			
4	С	125.478	166.099	25	271.059	0			
6	С	187.203	165.516	25	271.059	0			
7	В	250.095	162.35	25	271.059	0			
Total Oua	antity: 7	1	- 1	1	1	1			

#### NOTES:

\* The light loss factor (LLF) is a product of many variables, only lamp lumen depreciation (LLD) has been applied to the calculated results unless otherwise noted. The LLD is the result (quotient) of mean lumens / initial lumens per lamp manufacturers' specifications.

\* Illumination values shown (in footcandles) are the predicted results for planes of calculation either horizontal, vertical or inclined as designated in the calculation summary. Meter orientation is normal to the plane of calculation.

\* The calculated results of this lighting simulation represent an anticipated prediction of system performance. Actual measured results may vary from the anticipated performance and are subject to means and methods which are beyond the control of RAB Lighting Inc.

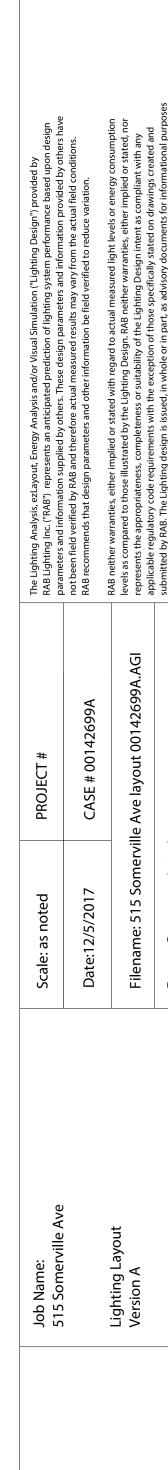
\* Mounting height determination is job site specific, our lighting simulations assume a mounting height (insertion point of the luminaire symbol) to be taken at the top of the symbol for ceiling mounted luminaires and at the bottom of the symbol for all other luminaire mounting configurations.

\* It is the Owner's responsibility to confirm the suitability of the existing or proposed poles and bases to support the proposed fixtures, based on the weight and EPA of the proposed fixtures and the owner's site soil conditions and wind zone. It is recommended that a professional engineer licensed to practice in the state the site is located be engaged to assist in this determination.

\* The landscape material shown hereon is conceptual, and is not intended to be an accurate representation of any particular plant, shrub, bush, or tree, as these materials are living objects, and subject to constant change. The conceptual objects shown are for illustrative purposes only. The actual illumination values measured in the field will vary.

\* Photometric model elements such as buildings, rooms, plants, furnishings or any architectural details which impact the dispersion of light must be detailed by the customer documents for inclusion in the RAB lighting design model. RAB is not responsible for any inaccuracies caused by incomplete information on the part of the customer, and reserves the right to use best judgement when translating customer requests into photometric studies.

\* RAB Lighting Inc. luminaire and product designs are protected under U.S. and International intellectual property laws. Patents issued or pending apply.





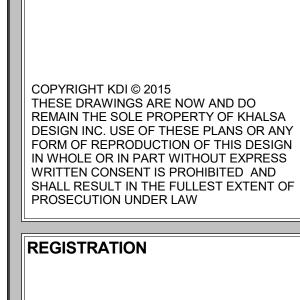
PROJECT NAME

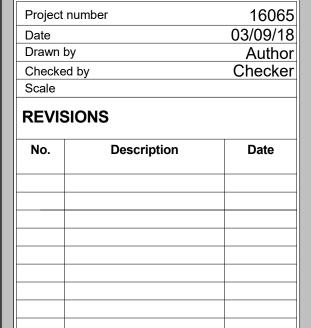
PROJECT ADDRESS

**MID-POINT** 

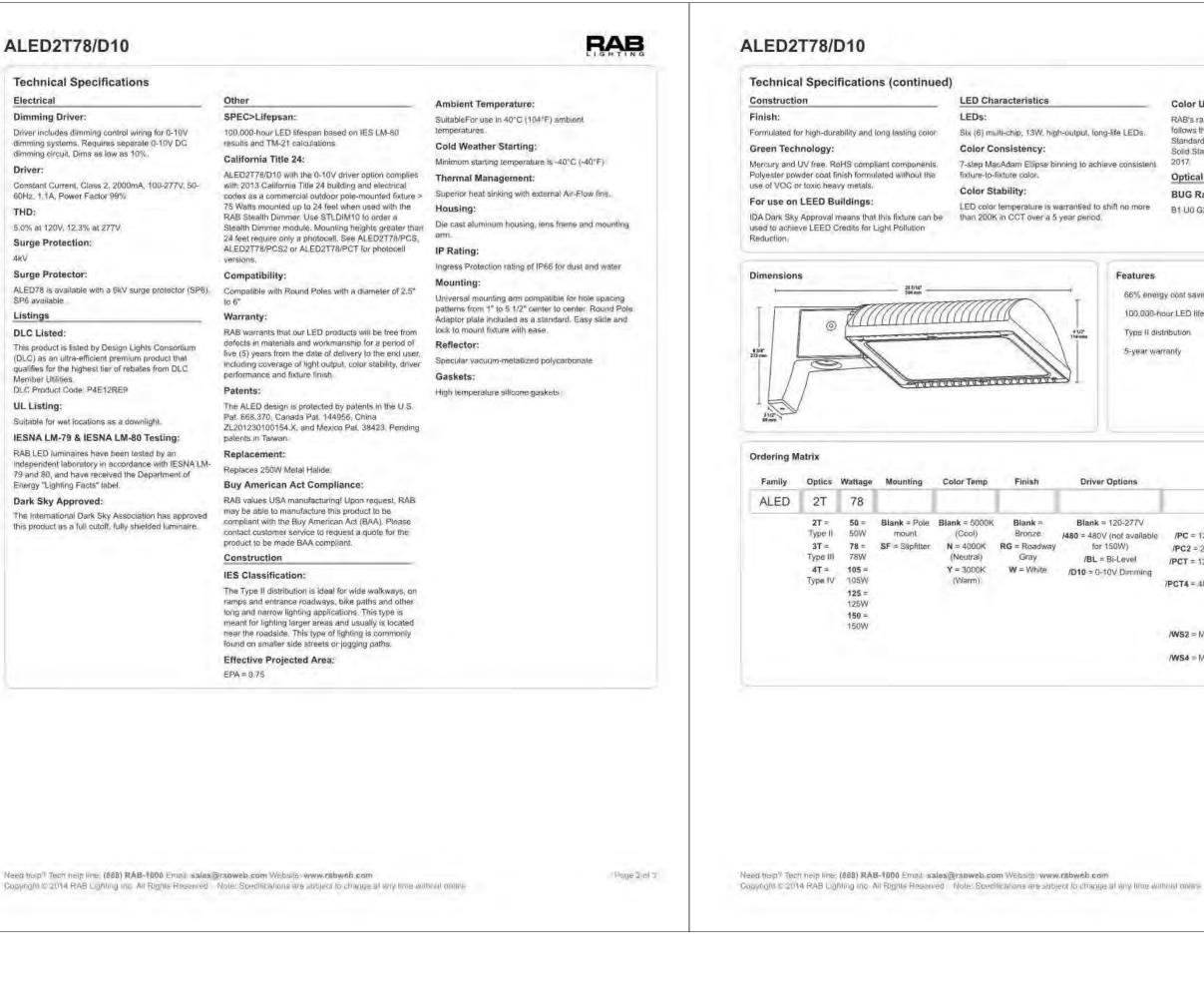
RESDIENCES @ 515

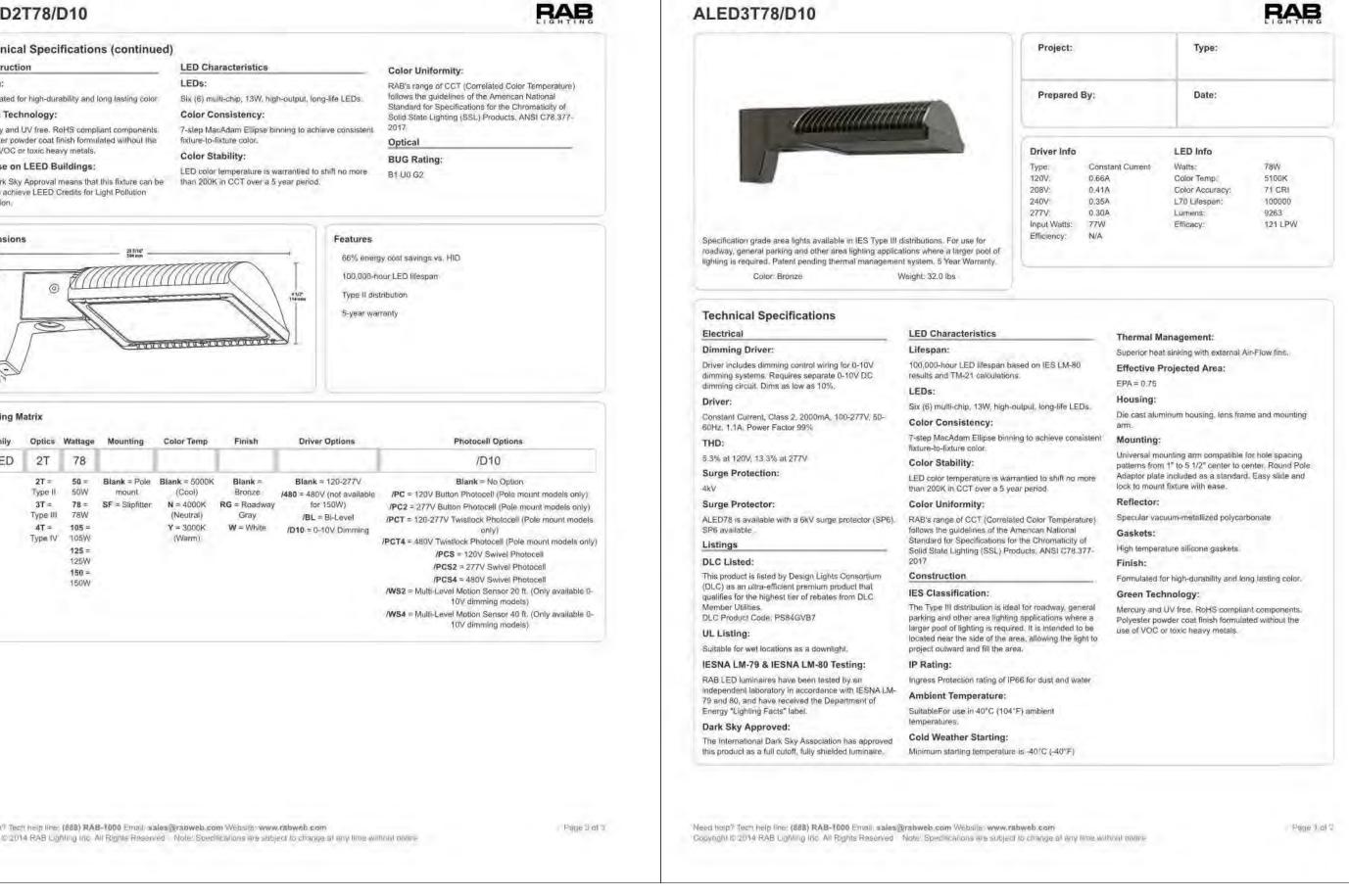
**SOMERVILLE AVENUE** 



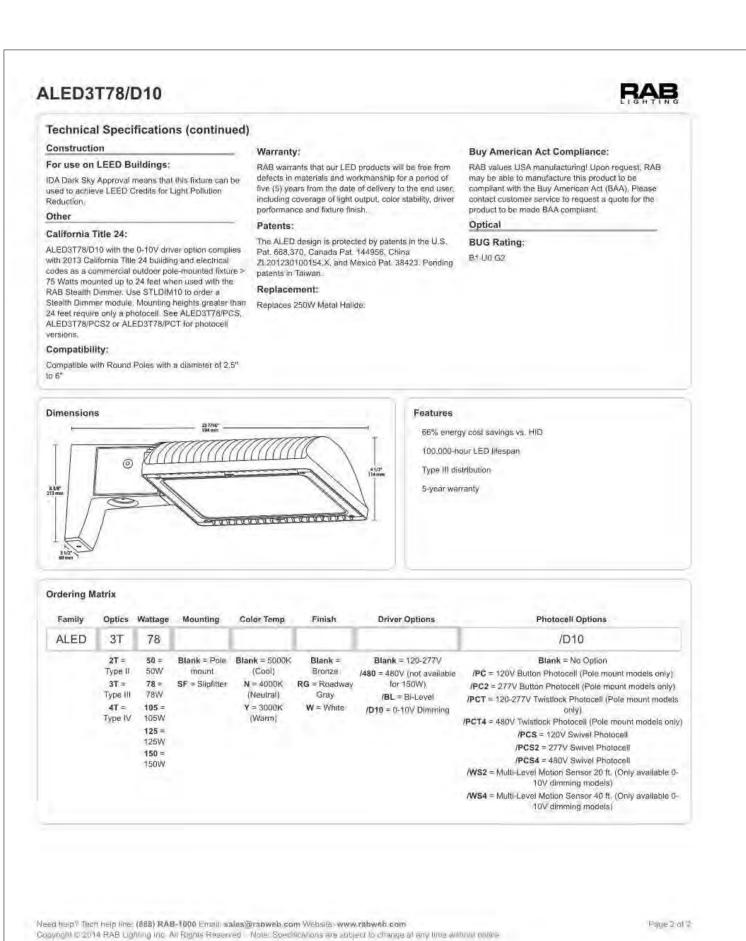


MID-POINT RESDIENCES @ 515





PS5-07-25D2



RAB

5000K

71 CRI

100000

123 LPW

Page 1 of 3

ALED4T78/D10

9552

LED Info

Color Temp:

Color Accuracy

L70 Lifespan:

Lumens:

Efficacy:

Watts:

Project:

Driver Info

Type: 120V:

208V: 240V: 277V:

Prepared By:

Input Watts: 78W

Efficiency: N/A

0.66A 0.41A 0.35A 0.30A

ALED2T78/D10

management system. 5 Year Warranty.

Color: Bronze

Specification grade area lights available in IES Type II distributions. For use in

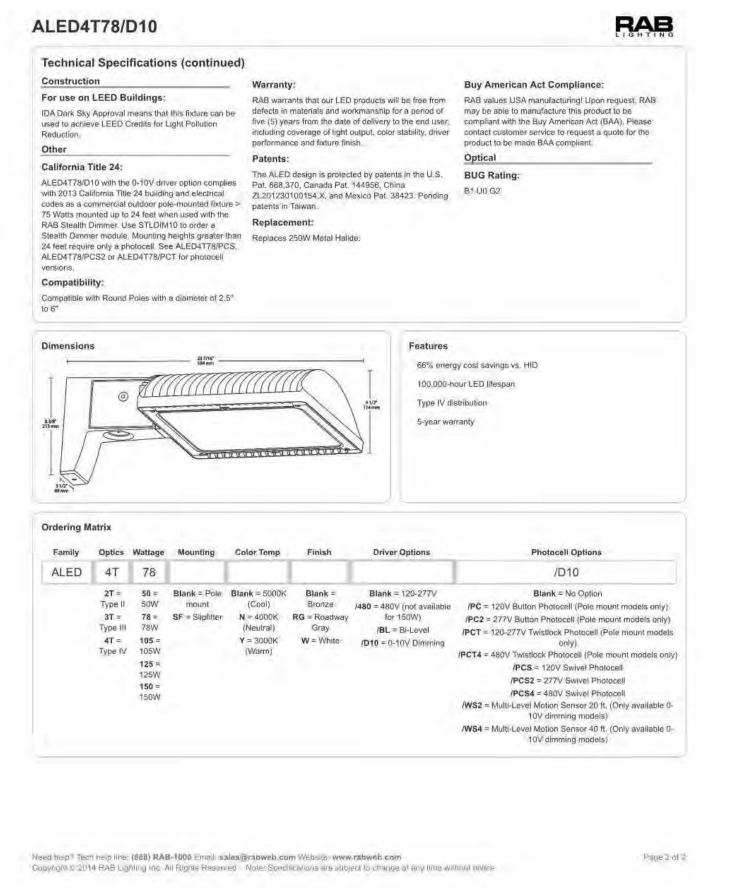
parking lots, roadways, pathways and general area lighting. Patent pending thermal

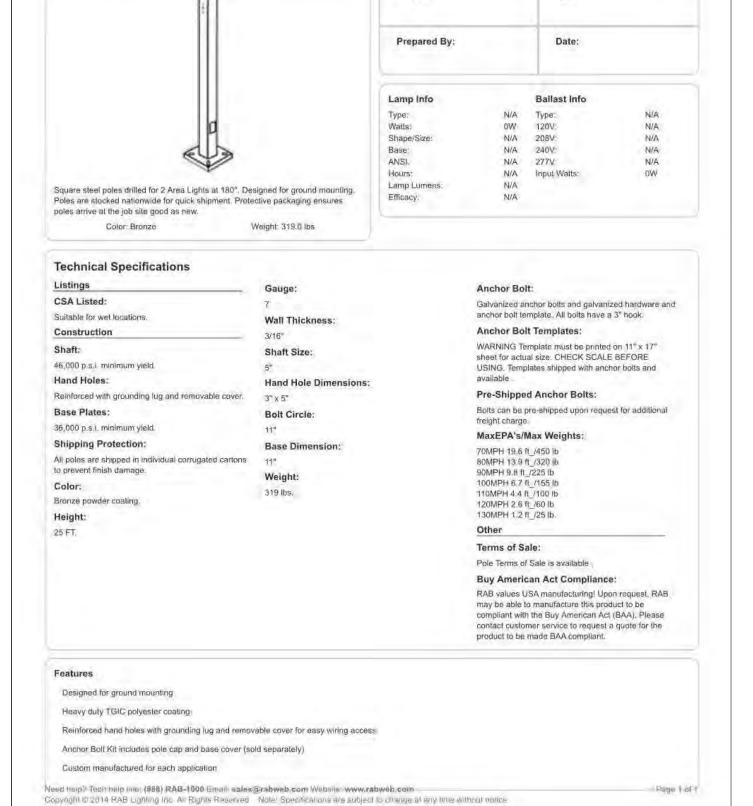
Need help? Tech help line: (888) RAB-1000 Email: sales@rabweb.com Websits: www.rabweb.com

Copyright © 2014 RAB Lighting Inc. All Rights Reserved. Note: Specifications are subject to change at any time without notice.

Weight, 32.0 lbs







Project:

Type: