

CLIENT: **DAVE WINICK** CEDARWOOD DEVELOPMENT

ARCHITECT: KHALSA DESIGN INC. 17 IVALOO STREET, SUITE 400 SOMERVILLE, MA 02143

PROJECT: 400 MYSTIC AVE.

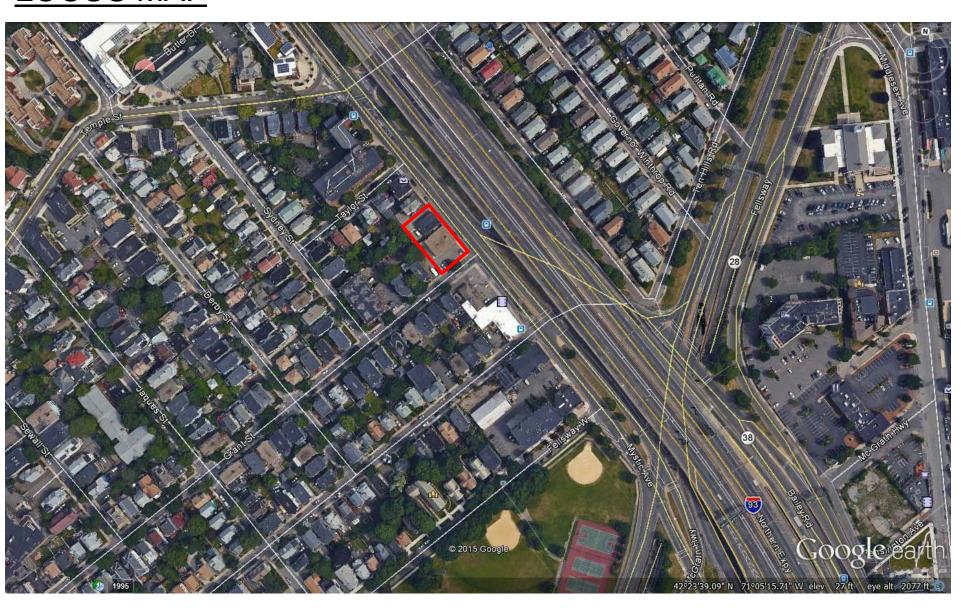
PLANNING BOARD SUBMISSION APRIL 18, 2016

> PROJECT ADDRESS: 400 MYSTIC AVENUE SOMERVILLE, MA

CIVIL ENGINEER: DESIGN CONSULTANTS INC. 120 MIDDLESEX AVENUE, SUITE 20 SOMERVILLE, MA 02145

LANDSCAPE ARCHITECT: **BLAIR HINES DESIGN ASSOC.** 318 HARVARD STREET, SUITE 25 BROOKLINE, MA 02446

LOCUS MAP



	DRAWING LIST	
Sheet Number	Sheet Name	Sheet Issue Date
A-000	COVER SHEET	3-7-2016
EC	EXISTING CONDITIONS PLAN	3-7-2016
L-1	ILLUSTRATIVE LANDSCAPE PLAN	4-18-2016
L-2	MATERIALS BOARD	2-11-2016
L-3	MATERIALS BOARD	2-11-2016
L-4	MATERIALS BOARD	2-11-2016
C-100	SPECIAL PERMIT SITE PLAN	2-29-2016
C-200	CIVIL DETAILS	2-29-2016
EX	EXISTING NEIGHBORHOOD IMAGES	11-27-2015
S	SITE CONTEXT	11-27-2015
A-020	ARCHITECTURAL SITE PLAN	4-18-2016
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A-100	1ST FLOOR PLAN	4-18-2016
A-101	2ND FLOOR PLAN	3-7-2016
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AV-1	PERSPECTIVES	4-18-2016
AV-2	STREET VIEW RENDERING	3-7-2016
AV-3	STREET VIEW (EXISTING vs PROPOSED)	3-7-2016

PROJECT NAME

MYSTIC AVE

PROJECT ADDRESS 400 MYSTIC AVENUE SOMERVILLE, MA

CLIENT

Dave Winick

ARCHITECT KHALSA DESIGN INC.



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

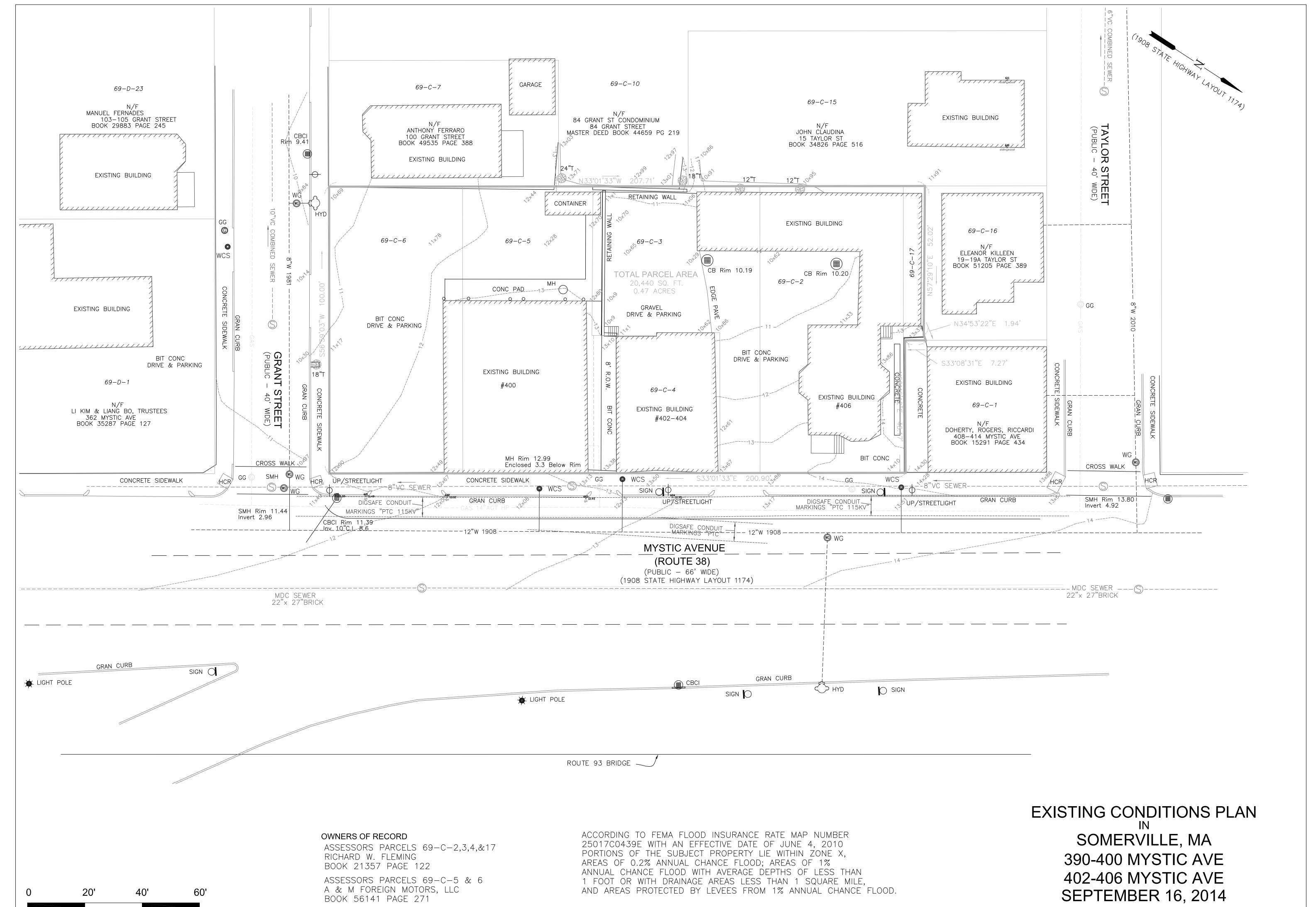
CONSULTANTS:



Project nu	mber	14066
Date		4-18-16
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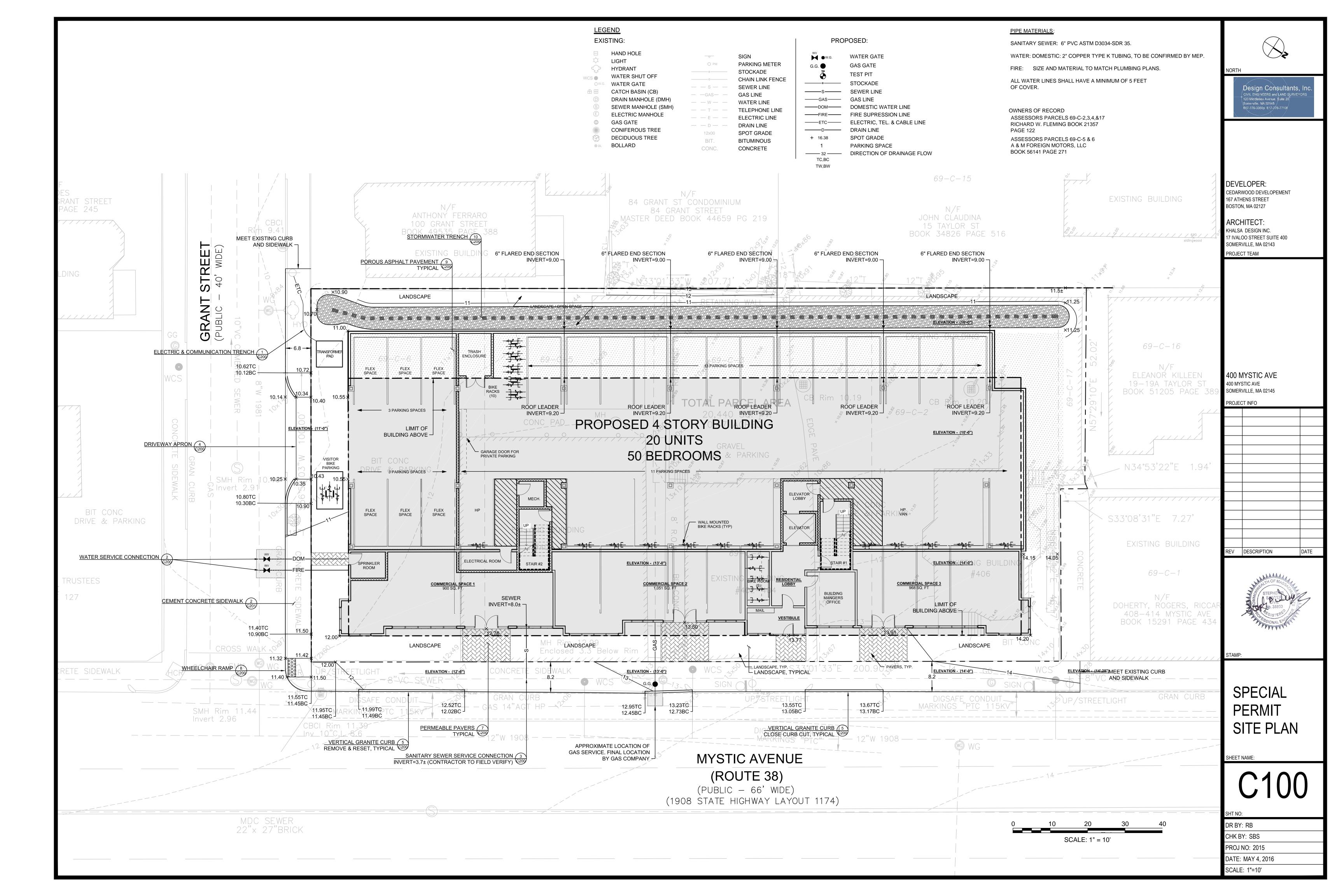
Cover Sheet

MYSTIC AVE



SCALE: 1" = 20'

D & A SURVEY ASSOCIATES, INC. P.O. BOX 621 MEDFORD, MA 02155 (781) 324 - 9566 (781) 321 - 2501 (FAX)



GENERAL NOTES

ALL WORK PERFORMED AS PART OF THIS PROJECT SHALL CONFORM TO THE STANDARDS OF THE CITY OF SOMERVILLE, DEPT. OF PUBLIC WORKS 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

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.

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 PART OF DIG-SAFE. CONTACT THE CITY OF SOMERVILLE FOR THE MARKING OF SOMERVILLE MUNICIPAL UTILITIES.
- 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. CUTTING AND CAPPING OF DESIGNATED WATER AND SEWER SERVICES SHALL OCCUR 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. TEST PITS SHALL BE REQUIRED TO DETERMINE SUBSURFACE SOILS AND ESTABLISH MEAN HIGH GROUNDWATER ELEVATION PRIOR TO ORDERING AND INSTALLATION OF STORMWATER MANAGEMENT SYSTEM COMPONENTS. ADJUSTMENTS TO SYSTEM MAY BE REQUIRED PER TEST RESULTS.
- 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. A DYE TEST SHALL BE PERFORMED PRIOR TO THE ISSUANCE OF AN OCCUPANCY
- 13. PRIOR TO CONSTRUCTION OF NEW SANITARY SEWER AND STORM DRAIN LINES, CONTRACTOR SHALL 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 BE FURNISHED 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 PATCHING 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'.

- BEDDING

 $1\frac{1}{4}$ IN.

4 IN.

- FLUSH CONCRETE CURB

ASTM NO. 8 AGGREGATE

BASE LAYER

ASTM NO. 57 AGGREGATE

SUB-BASE LAYER

ASTM NO. 2 AGGREGATE

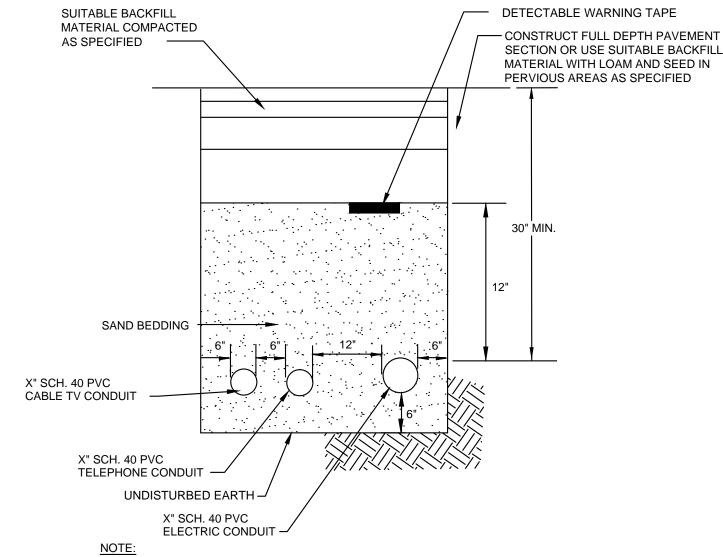
COMPACTED

SUBGRADE

PERMEABLE PAVERS

12 IN.

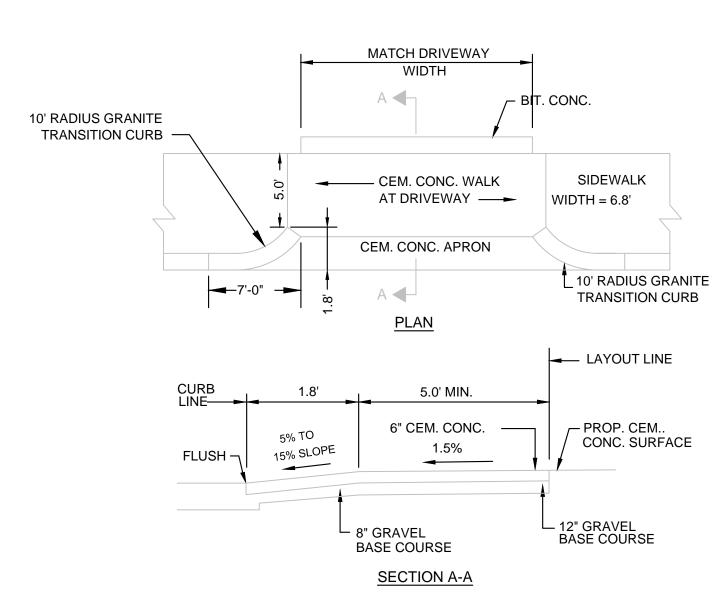
PERMEABLE PAVER



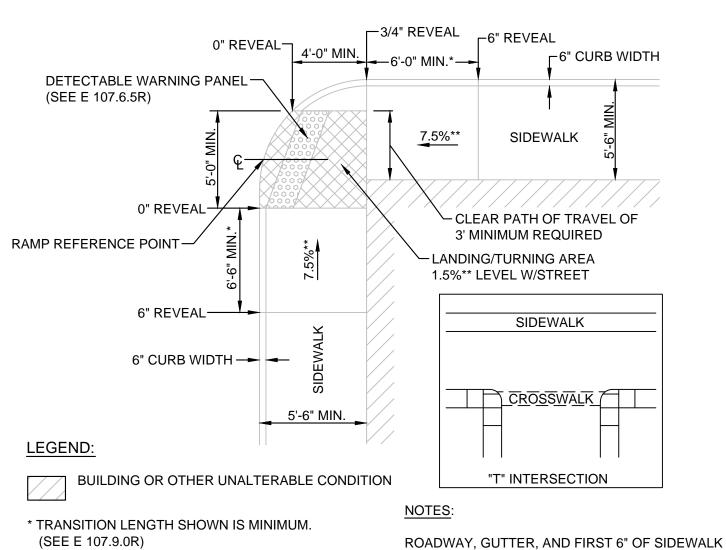
1. FINAL SIZE, LOCATION AND NUMBER OF CONDUITS SHALL BE DETERMINED BY THE SERVICE

2. ELECTRIC CONDUIT UNDER PAVEMENT AREAS SHALL BE GALVANIZED STEEL OR ENCASED 6" OF CONCRETE ON ALL SIDES.

\ ELECTRIC & COMMUNICATION TRENCH

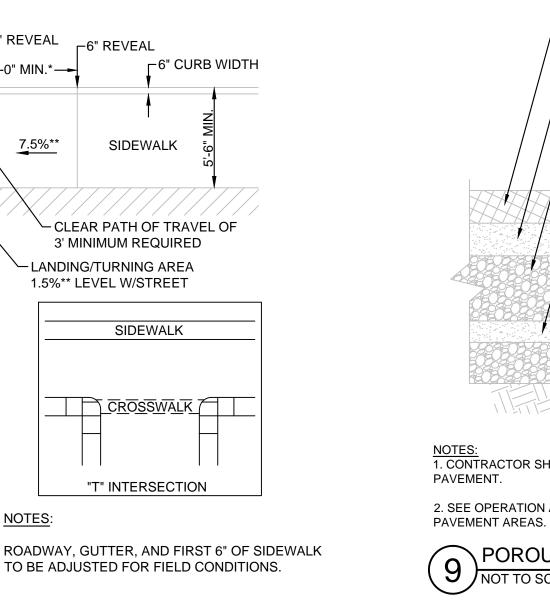


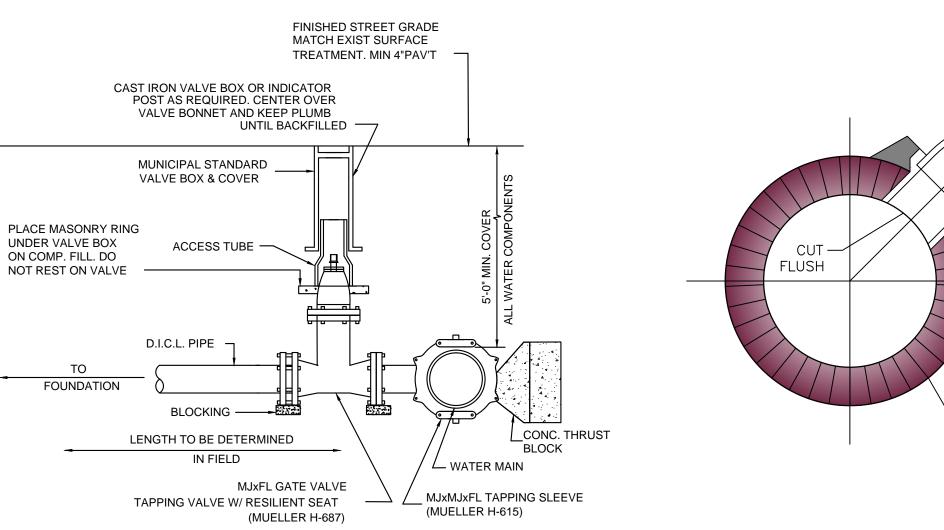




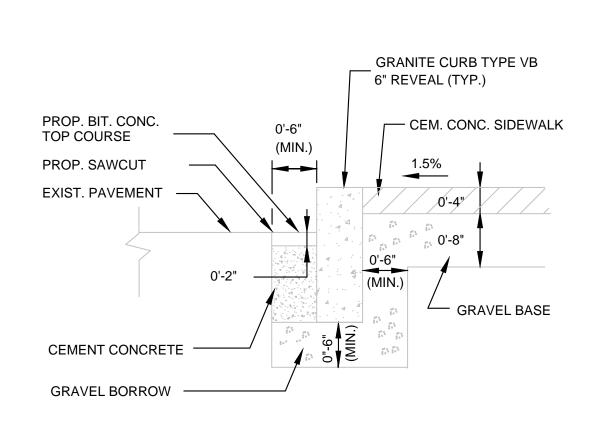


** TOLERANCE FOR CONSTRUCTION ± 0.5%

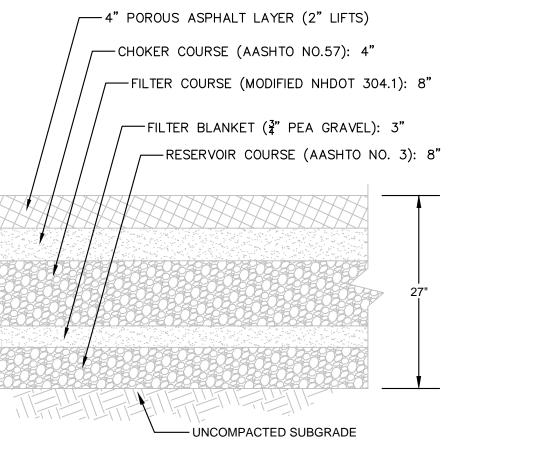




WATER SERVICE CONNECTION

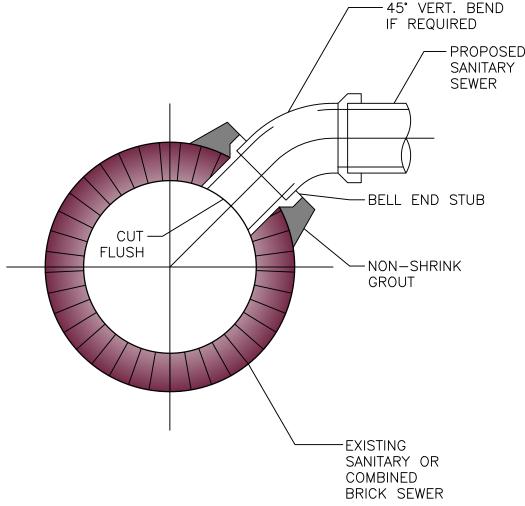


VERTICAL GRANITE CURB (NEW AND RESET)

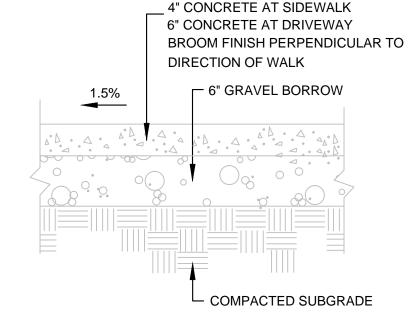


1. CONTRACTOR SHALL NOT COMPACT SUBGRADE MATERIALS BELOW AREAS OF POROUS 2. SEE OPERATION AND MAINTENANCE PLAN FOR MAINTENANCE REQUIREMENTS OF POROUS





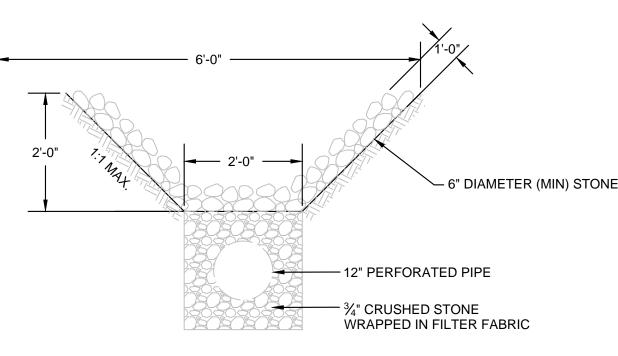
CONNECTION TO EXISTING BRICK SEWERS



NOTES:

- 1. PROVIDE ½" CONSTRUCTION CONTROL JOINT WITH PREFORMED EXPANSION MATERIAL EVERY 20'-0" O.C. MAX.
- 2. PROVIDE A TOOLED DUMMY JOINT 1/4"W x 1/2"D AS NEEDED TO PROVIDE SYMMETRY.

\ CEMENT CONCRETE SIDEWALK



RIPRAP SWALE - SECTION

esign Consultants, l

DEVELOPER: CEDARWOOD DEVELOPEMENT 167 ATHENS STREET

BOSTON, MA 02127

PROJECT TEAM

ARCHITECT: KHALSA DESIGN INC. 17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143

400 MYSTIC AVE 400 MYSTIC AVE SOMERVILLE, MA 02145 PROJECT INFO

REV DESCRIPTION DATE



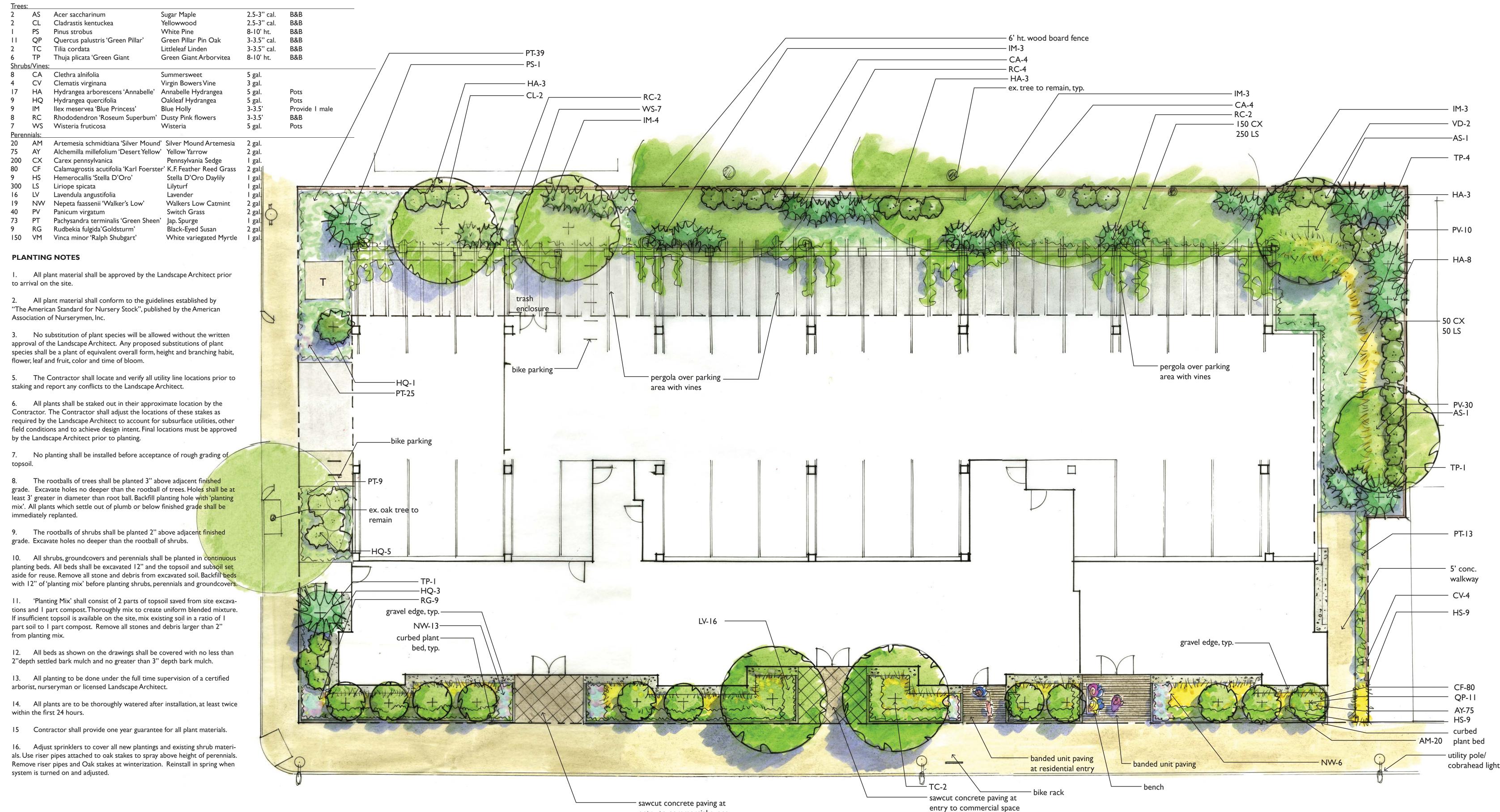
DETAILS

SHEET NAME:

DR BY: RB CHK BY: SBS PROJ NO: 2016-011 DATE: FEBRUARY 29, 2016

SCALE: N.T.S.

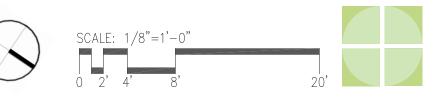




entry to commercial space

MYSTIC AVENUE















Loop style low metal picket fence



Plant Bed Curbing with low metal picket fence



Wood Board Fence | Shadowbox



Wood Board Fence | Shadowbox



Wood Board Fence | Solid



Wood Board Fence | 2' Lattice

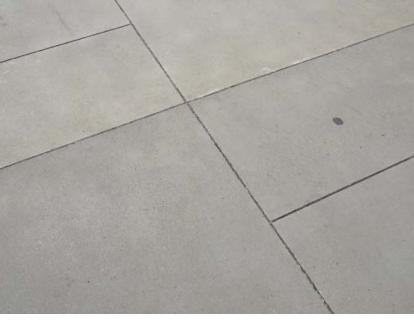




Concrete Unit Pavers | Unilock Promenade



Concrete Unit Pavers | Cobble-style



Concrete Paving | Sawcut Scoring Pattern



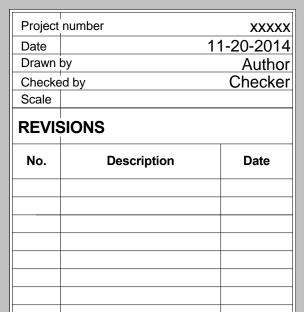
Concrete Paving | Integral Color & Stamped Pattern



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CONSULTANTS:



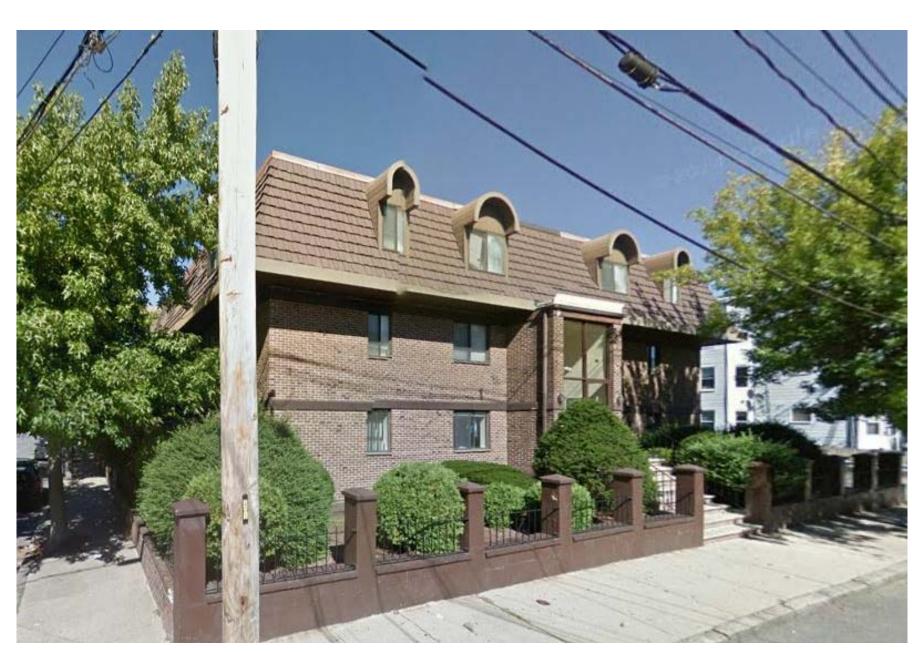


Existing Neighborhood **I**mages

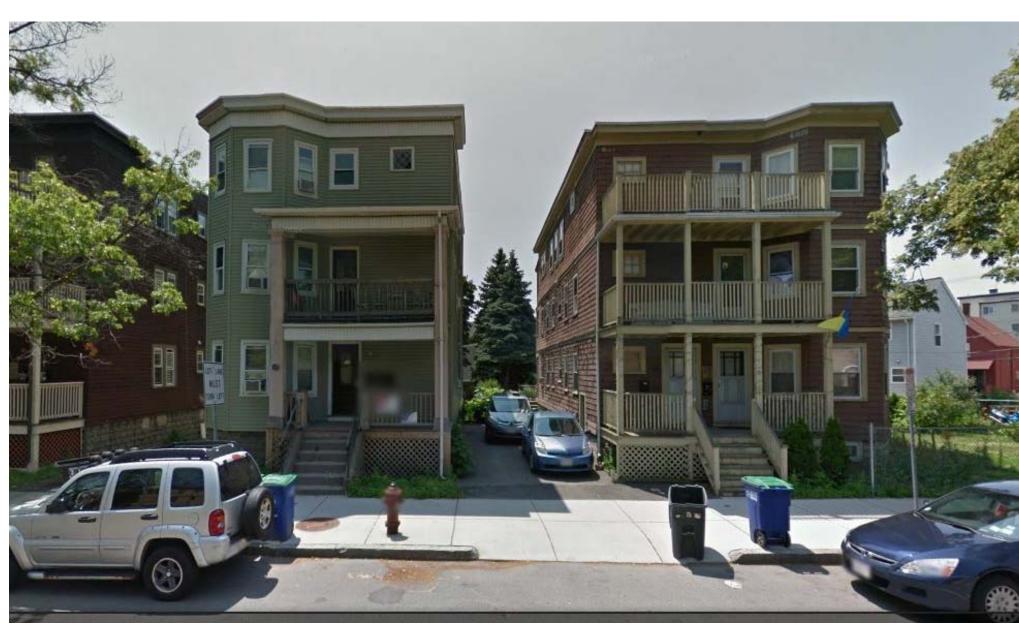


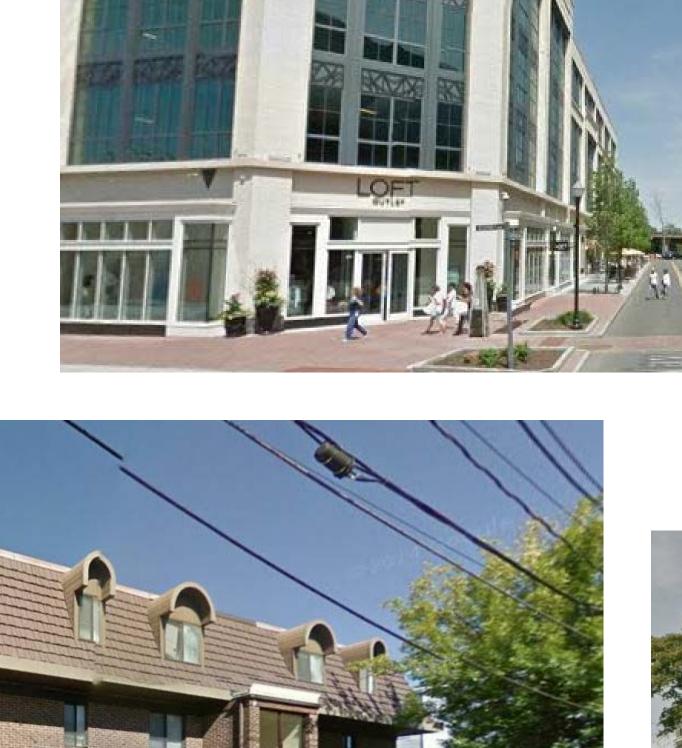








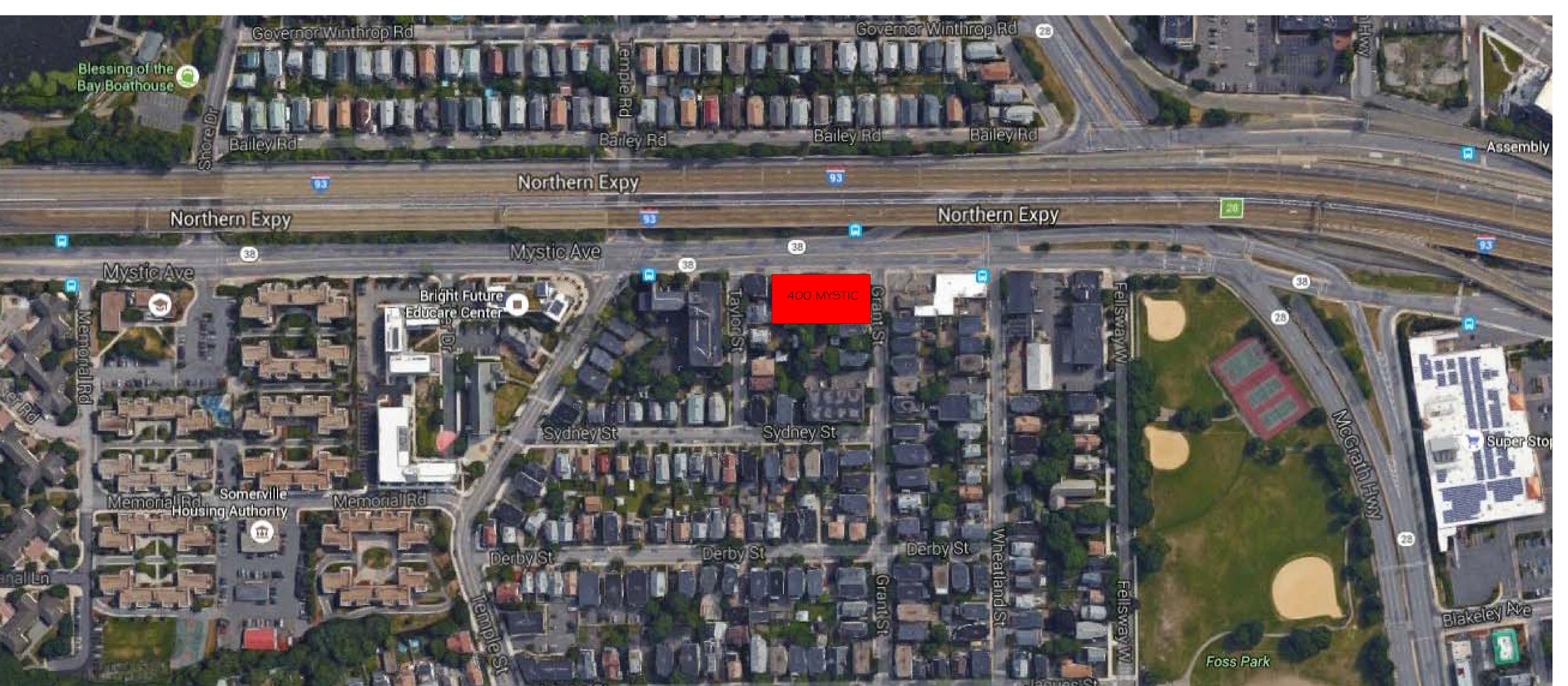












1 locus 12" = 1'-0"

PROJECT NAME

MYSTIC AVE

PROJECT ADDRESS 400 MYSTIC AVENUE SOMERVILLE, MA

CLIENT

Dave Winick

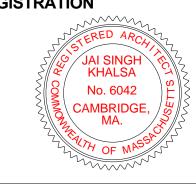
ARCHITECT KHALSA DESIGN INC.



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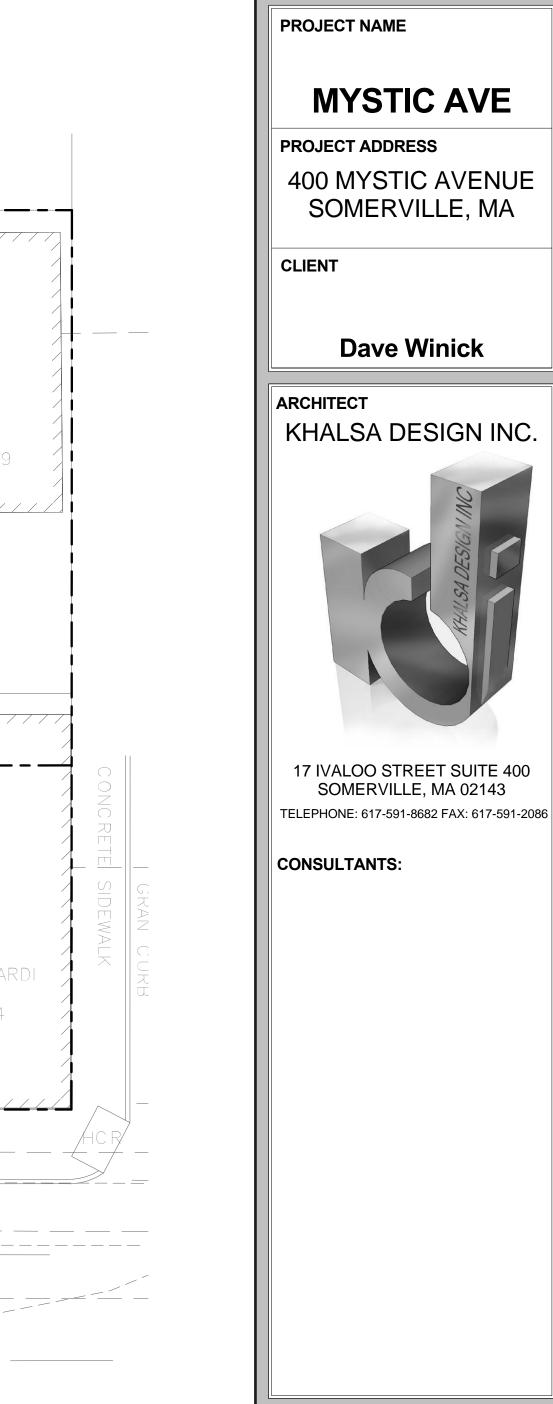
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Site Context

MYSTIC AVE



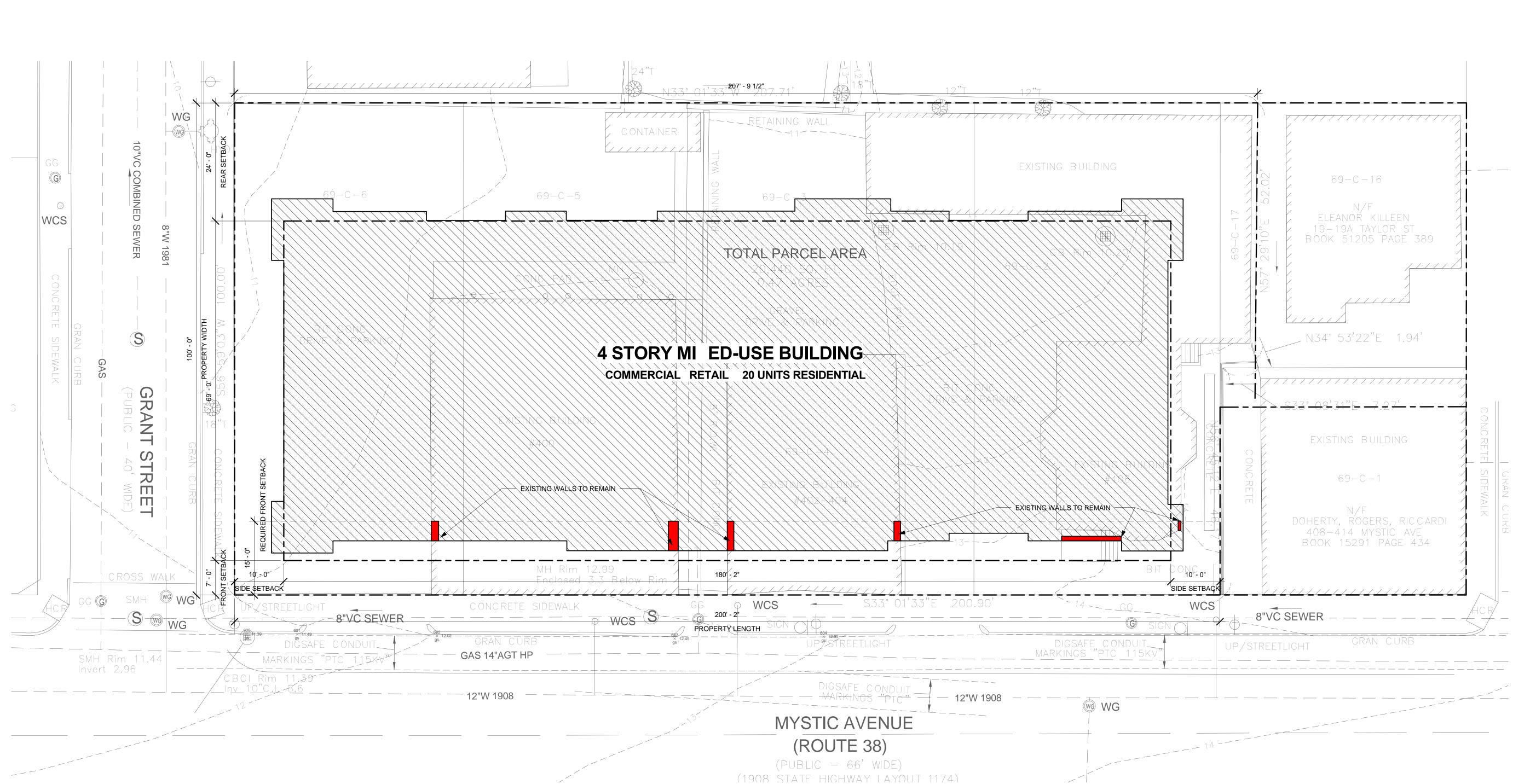


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Architectural Site Plan

A-020MYSTIC AVE



ZONING DIMENSIONAL	TABLE:			
	ALLOWED / REQUIRED	EXISTING (400-405 MYSTIC)	PROPOSED	COMPLIANCE
ZONE	BB - COMM. / RES			
USE	VARIES	VARIES (AUTO REPAIR / RESIDENTIAL)	20 DWELLING UNITS	COMPLIES
MIN LOT SIZE	NA	20,440 SF (0.47 ACRES)	20,440 SF	COMPLIES
MIN LOT PER DWELLING	1,000 SF (OVER 10 DU)	NA	1,022 (20 UNITS)	COMPLIES
MAX GROUND COVERAGE	80%	38%	60%	COMPLIES
LANDSCAPE AREA	10%	0%	26%	COMPLIES
MAX FLOOR AREA RATIO (FAR)	2.0	.38	1.55	COMPLIES
MAX BUILDING HEIGHT	50'-0"	VARIES (20'-0" - 30'-0")	48'-0"	COMPLIES
MIN YARD FRONT SIDE REAR	15'-0" NA 18'-0"	0'-0" 40'-0" (L) 0'-0" (R) 2'-6""	7'-0" 10'-0" (L) 10'-0" (R) 24'-0"	SP REQUIRED
MIN FRONTAGE	NA	200'-2"	200'-2"	COMPLIES
PERVIOUS AREA, MIN % OF LOT	NONE	+/- 2%	31%	COMPLIES
PARKING REQUIREMENTS	37 SPACES	UNKNOWN	30 SPACES	SP REQUIRED
BICYCLE PARKING	1 PER PARKING SPACE	UNKNOWN	30 BIKE RACKS	COMPLIES

Site Plan
3/32" = 1'-0"

Rentable Area Legend BIKES

COMMERCIAL SPACE 1 COMMERCIAL SPACE 2 COMMERCIAL SPACE 3 CORRIDOR

Name	Level	Area
BIKES	1st Floor Level	203 SF
BIKES	1st Floor Level	99 SF
COMMERCIAL SPACE 1	1st Floor Level	955 SF
COMMERCIAL SPACE 2	1st Floor Level	1051 SF
COMMERCIAL SPACE 3	1st Floor Level	968 SF
CORRIDOR	1st Floor Level	297 SF
		3572 SF
CORRIDOR	2nd Floor Level	591 SF
UNIT 1	2nd Floor Level	1509 SF
UNIT 2	2nd Floor Level	1330 SF
UNIT 3	2nd Floor Level	1329 SF
UNIT 4	2nd Floor Level	1511 SF
UNIT 5	2nd Floor Level	1528 SF
UNIT 6	2nd Floor Level	1172 SF
UNIT 7	2nd Floor Level	1171 SF
UNIT 8	2nd Floor Level	1529 SF
		11669 SF
CORRIDOR	3rd Floor Level	591 SF
UNIT 9	3rd Floor Level	1520 SF
UNIT 10	3rd Floor Level	1320 SF
UNIT 11	3rd Floor Level	1328 SF
UNIT 12	3rd Floor Level	1511 SF
UNIT 13	3rd Floor Level	1531 SF
UNIT 14	3rd Floor Level	1197 SF
UNIT 15	3rd Floor Level	1142 SF
UNIT 16	3rd Floor Level	1529 SF
		11670 SF
COMMON DECK	4th Floor Level	1089 SF
CORRIDOR	4th Floor Level	644 SF
GYM	4th Floor Level	1033 SF
MEDIA ROOM	4th Floor Level	1023 SF
UNIT 17	4th Floor Level	1655 SF
UNIT 18	4th Floor Level	1086 SF
UNIT 19	4th Floor Level	1120 SF
UNIT 20	4th Floor Level	1655 SF
		9306 SF

AREA STATISTICS

9306 SF 36217 SF

COMMERCIAL SPACE

Rentable Area Legend
CORRIDOR
UNIT 1
UNIT 2
UNIT 3
UNIT 4
UNIT 5
UNIT 6
UNIT 7
UNIT 8

2nd Floor Level	
2nd Floor Level 1/16" = 1'-0"	
1/16" = 1'-0"	

<u>UNITZ</u>

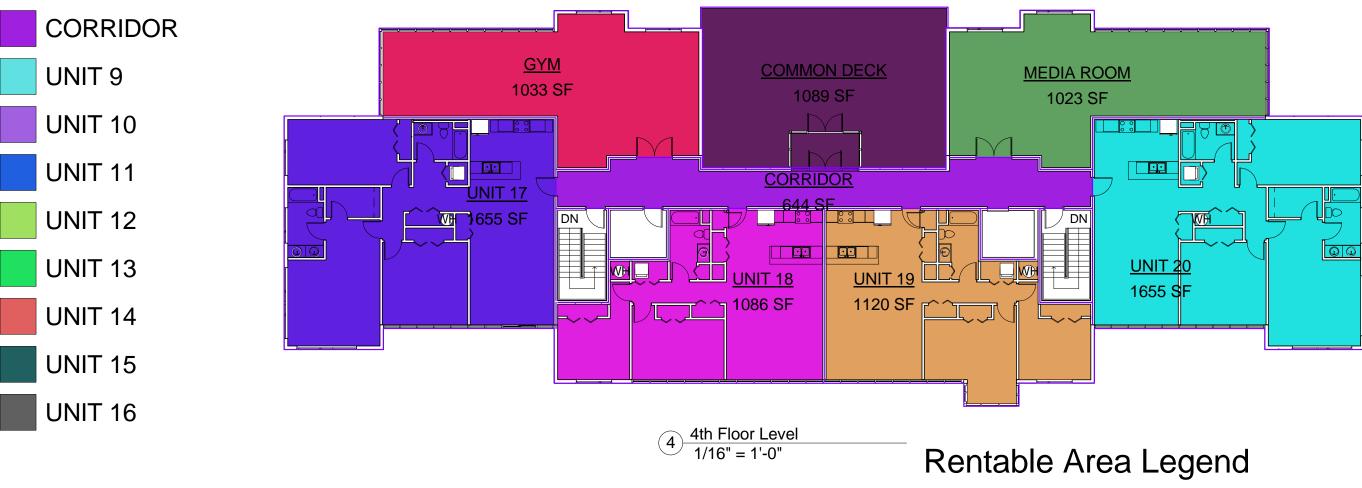
1st Floor Level 1/16" = 1'-0"

1329 SF

1528 SF



Rentable Area Legend



COMMON DECK
CORRIDOR
GYM
MEDIA ROOM

A-021 MYSTIC AVE



SOMERVILLE, MA **Dave Winick** KHALSA DESIGN INC. 17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2086 CONSULTANTS: REGISTRATION

MYSTIC AVE

400 MYSTIC AVENUE

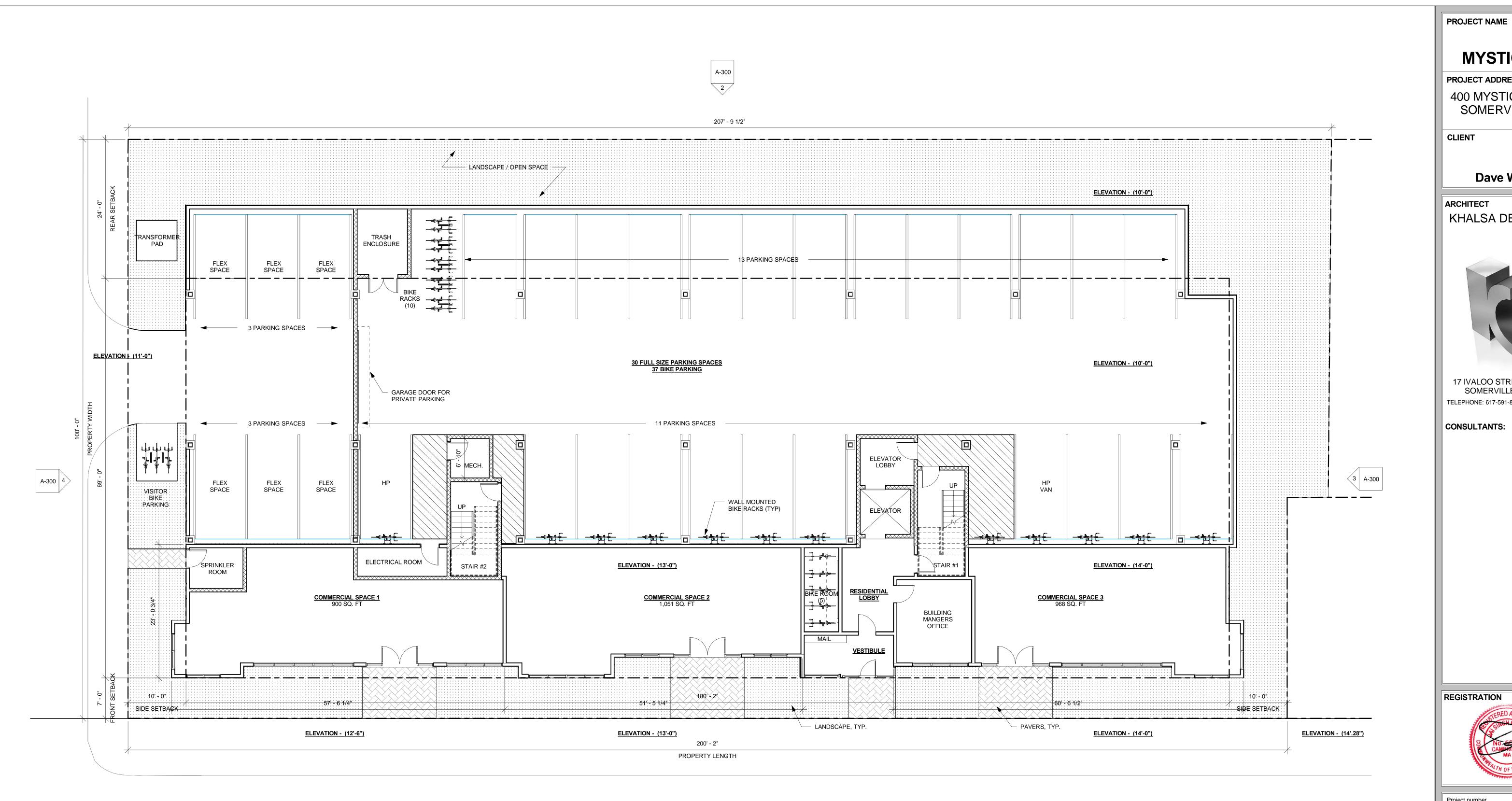
PROJECT ADDRESS

14066 4-18-16 AB JSK 1/8" = 1'-0" Project number Checked by

Date Drawn by REVISIONS Date

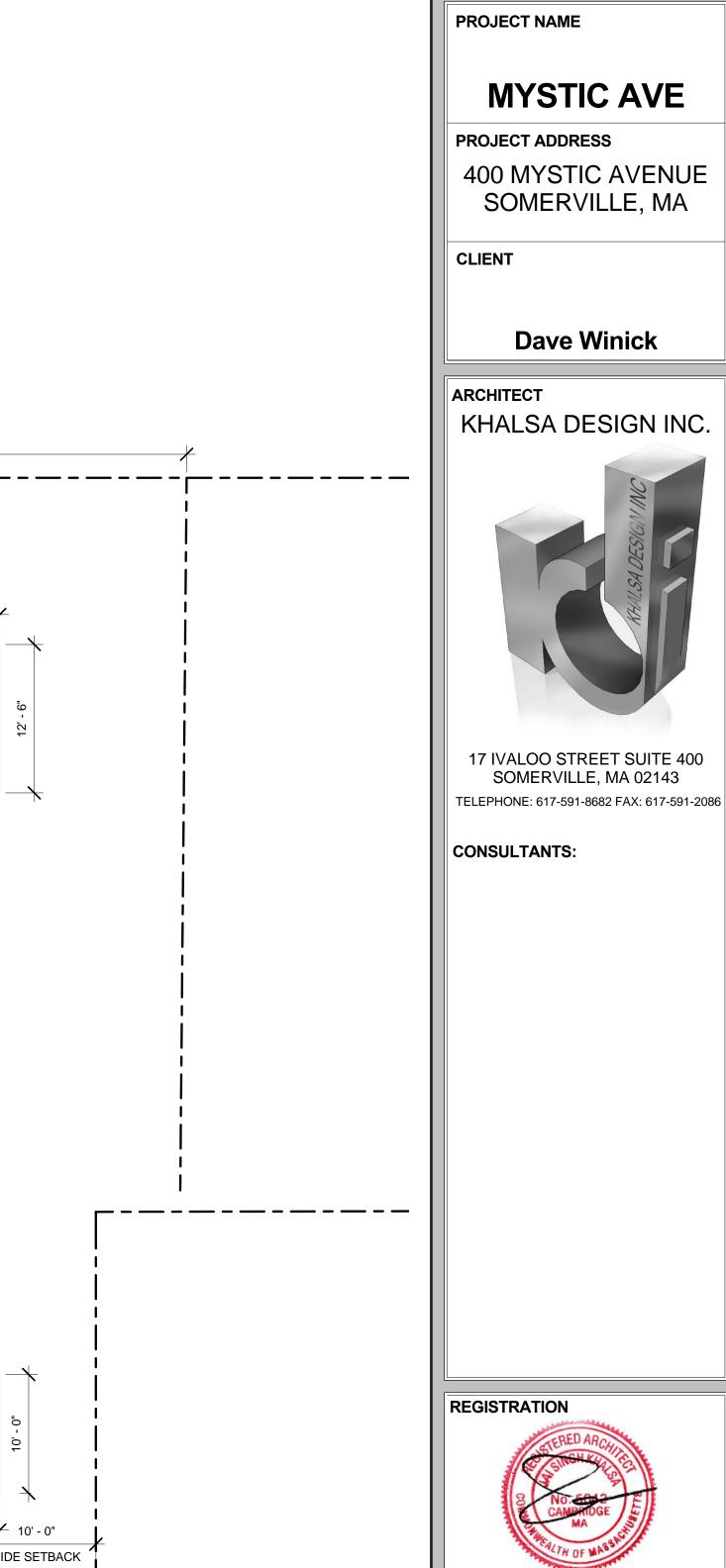
1st Floor Plan

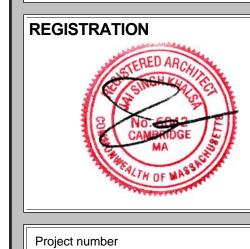
MYSTIC AVE



A-300

1 1st Floor Level 1/8" = 1'-0"

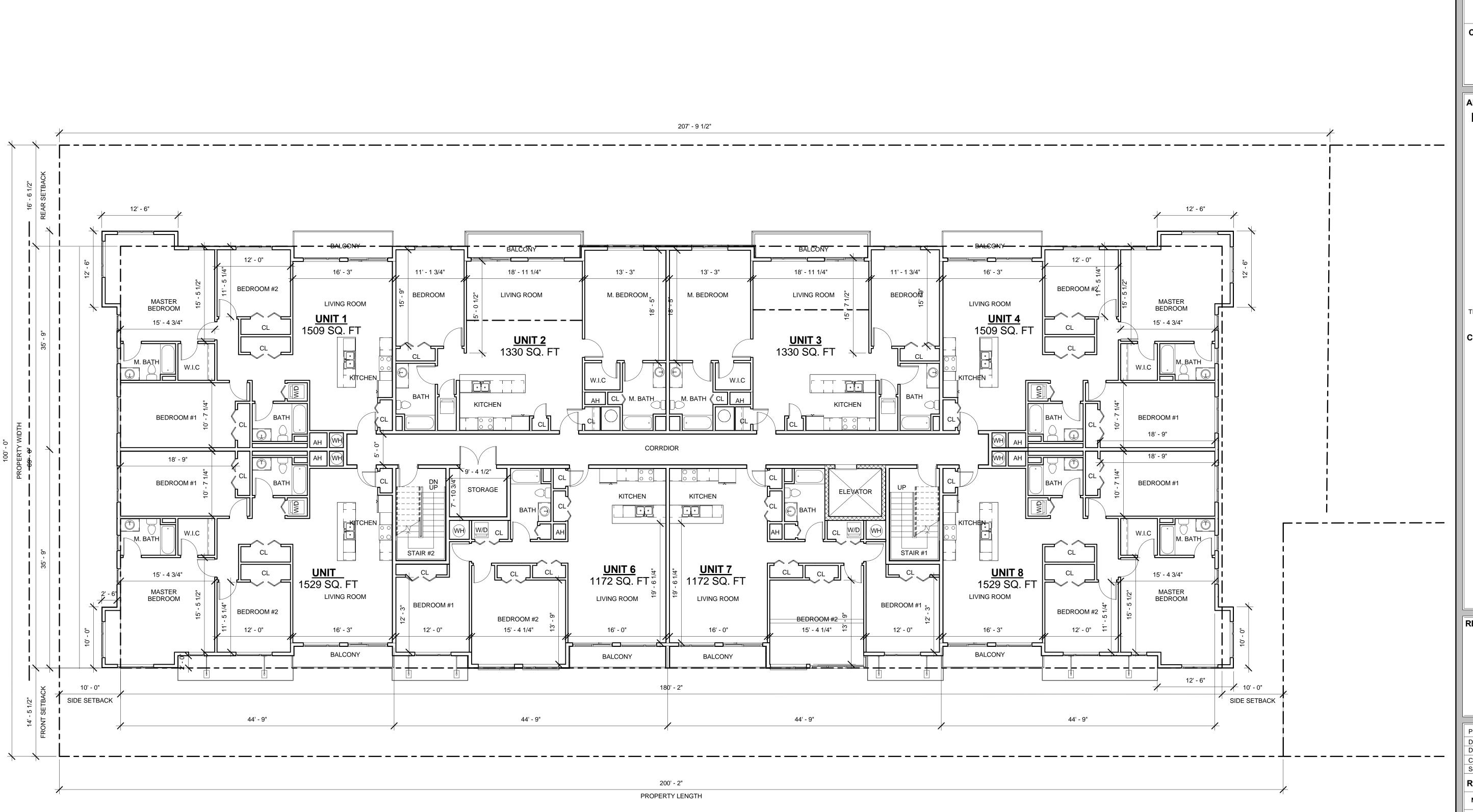




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2nd Floor Plan

A-101 MYSTIC AVE



2nd Floor Level 1/8" = 1'-0"

MYSTIC AVE

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REGISTRATION

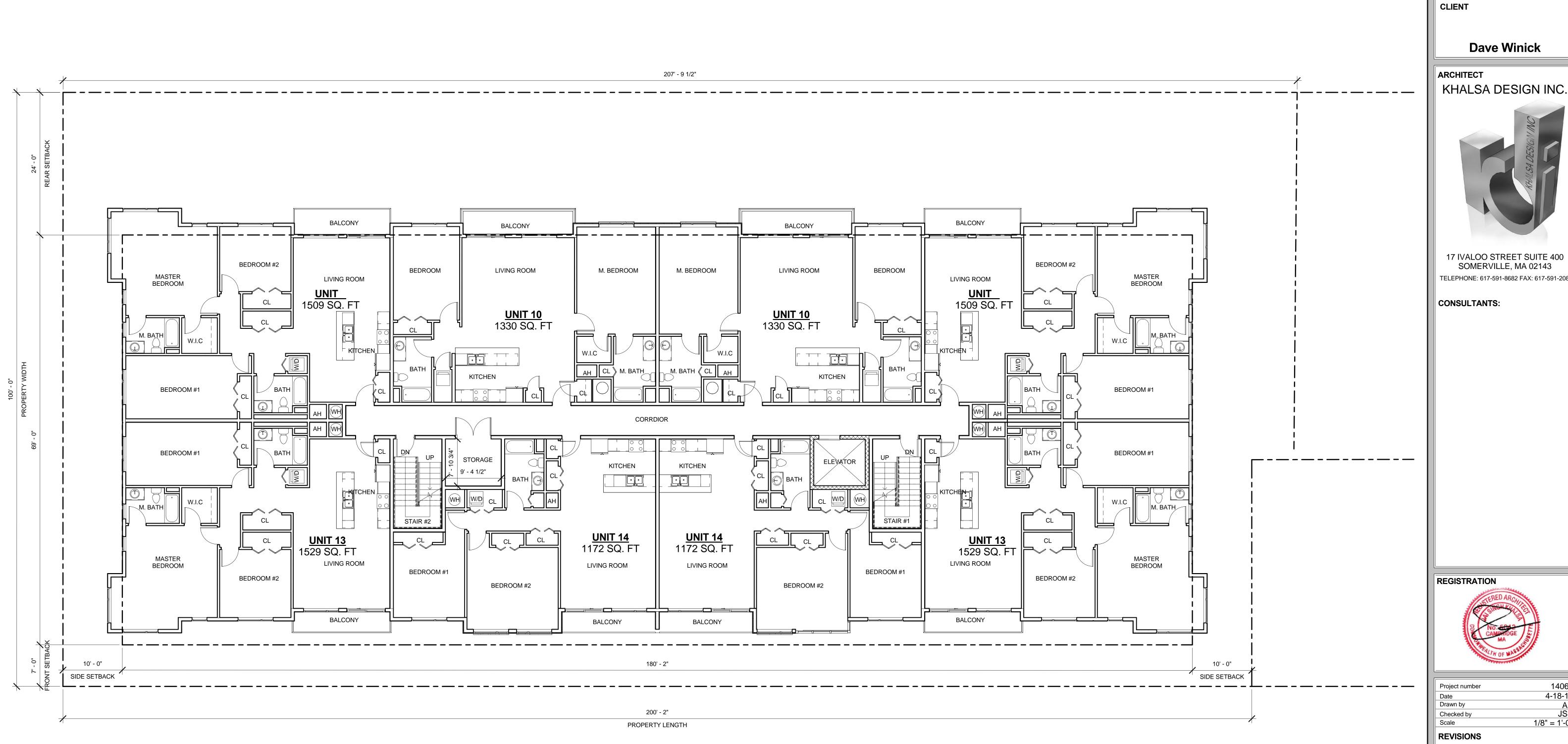


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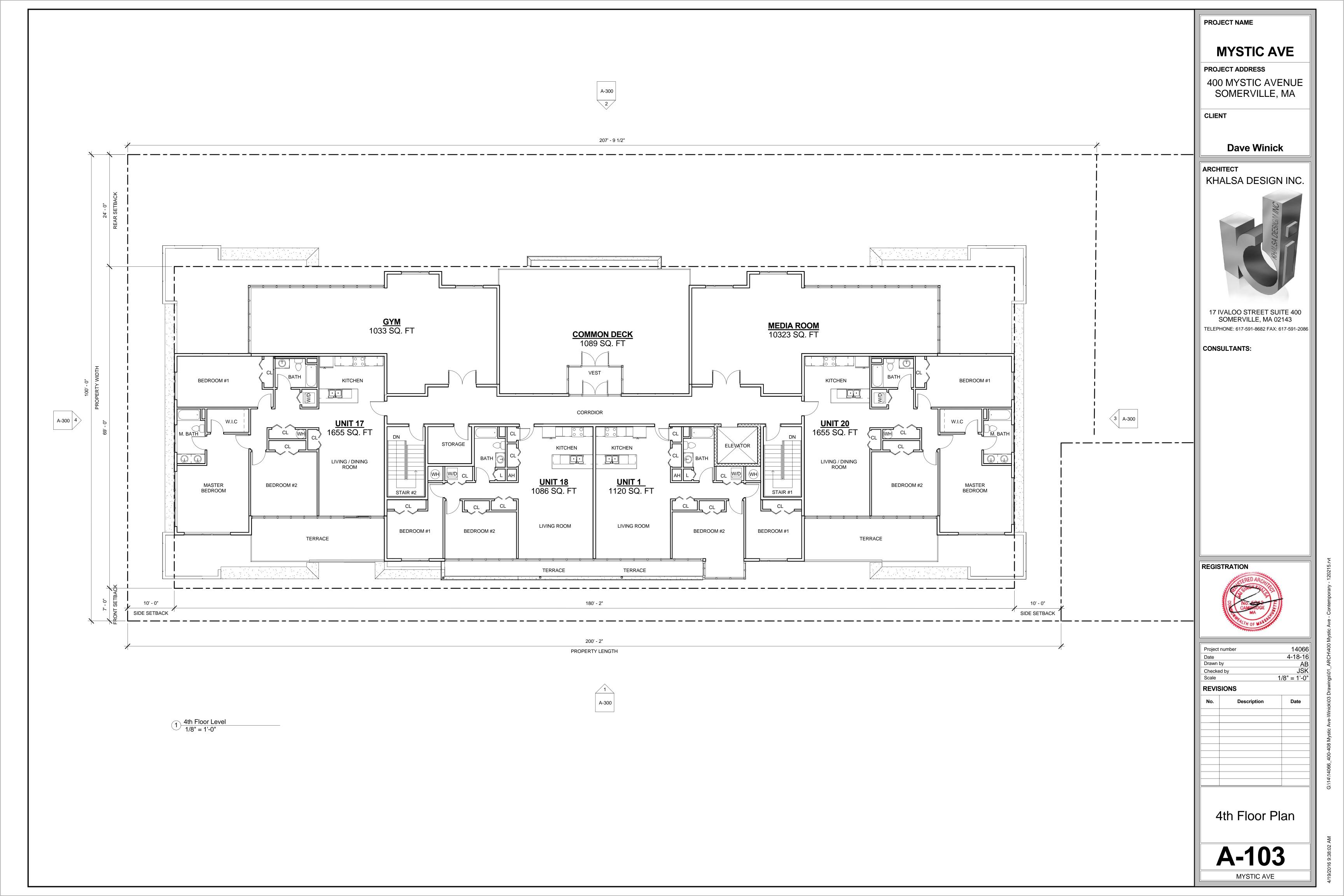
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		No. Description

3rd Floor Plan

A-102 MYSTIC AVE



3rd Floor Level 1/8" = 1'-0"



MYSTIC AVE

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CONSULTANTS:

REGISTRATION



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REVIS	IONS	
No.	Description	Date

Elevations

A-300

MYSTIC AVE

PROJECT MATERIALS

THIN BRICK COLOR: BLACK BRICK BY: GLEN GERY

WINDOWS BY MILLGARD

CEMBRIT COLOR: MAROON **CEMENT PANEL**



THIN BRICK COLOR: BLACK BRICK BY: GLEN GERY

CEMBRIT COLOR: (DARK GREY) CEMENT PANEL

> CEMBRIT COLOR: LIGHT MIST **CEMENT PANEL**

VINTAGE WOOD STYLE: BARK BY: NICHIHA





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KHALSA DESIGN INC.



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CONSULTANTS:

REGISTRATION



Project number Date Drawn by Checked by Scale	14066 3-7-16 AB JSK
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	JSK
Scale	
REVISIONS	
No. Description	Date

Perspectives

AV-1 MYSTIC AVE

MYSTIC AVE

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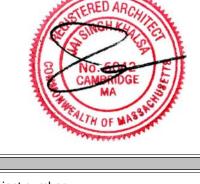
ARCHITECT



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14066
4-18-16
AB
JSK
Date

Street View







E ISTING STREET VIEW



PROPOSED STREET VIEW

MYSTIC AVE

PROJECT ADDRESS 400 MYSTIC AVENUE SOMERVILLE, MA

CLIENT

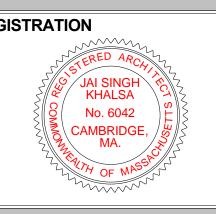
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CONSULTANTS:



Project number		XXXX
Date		12-10-1
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No.	Description	Date

STREET VIEW

AV-3 MYSTIC AVE