	Architectural Drawing List	
Sheet Number	Sheet Name	Sheet Issue Date
A-301	Exterior Elevations	06/14/17
A-000	Cover Sheet	06/14/17
C-1	Existing Site Plan	06/14/17
C-2	Proposed Site Plan	06/14/17
L-1	Illustrative Landscape Plan	06/14/17
A-020	Architectural Site Plan	06/14/17
EX	Existing Images	06/14/17
A-100	Basement & 1st Floor Plans	06/14/17
A-101	2nd Floor Plan & Roof Plan	06/14/17
A-300	Building Elevations	06/14/17
AV-1	Perspectives	06/14/17



PROJECT: PORTER STREET RESIDENCES

PROJECT ADDRESS: 17 PORTER STREET SOMERVILLE, MASSACHUSETTS

CLIENT

Dan Casparriello 88 Bay State Ave. Somerville, MA 02144

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

CIVIL ENGINEER DESIGN CONSULTANTS, INC. 120 Middlesex Avenue, Suite 20 Somerville, MA 02145 T: 617-776-3350

<u>LANDSCAPE</u> **BLAIR HINES DESIGN** 318 Harvard Street Suite 25 Brookline, MA 02446 T: 617-735-1180

SPECIAL PERMIT SUBMISSION 6-14-2017



PROJECT NAME

PROJECT ADDRESS 17 Porter Street. Somerville MA

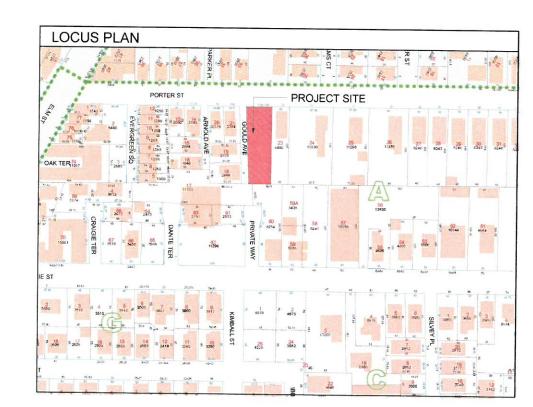
Porter Street Residences



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No.	Description	Date
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Cover Sheet

A-000 Porter Street Residence



NOTES

- THE LOCATION OF AND SIZE OF BURIED UTILITIES ARE THE RESULT OF SURFACE EVIDENCE AS LOCATED BY FIELD SURVEY BY MEDFORD ENGINEERING & SURVEY, INC., PLANS OF RECORD & PLANS FROM RESPECTIVE UTILITY COMPANIES.
- 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 R.O.W., OR ON ABUTTING LOTS.
- 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 PART OF DIG-SAFE.
- 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 ALAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 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.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND RECORDING THE EXACT LOCATION OF ALL PROPOSED UTILITY CONNECTIONS.
- THE CONTRACTOR SHALL SUPPLY ALL PIPING FOR THE UTILITY SERVICES AND SHALL SUPPLY ALL ASSOCIATED APPURTENANCES. FITTINGS AND VALVES UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL PERFORM ALL WET AND DRY TAPS AS PART OF HIS/HER CONTRACT.
- CITY OF SOMERVILLE RESERVES THE RIGHT TO INSPECT ALL FACILITIES DISCHARGING TO THE CITY OF SOMERVILLE DRAIN AND: OR SEWER SYSTEMS.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE EXISTING UTILITY SHALL BE INVESTIGATED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION ANDIOR ANY DISCREPANCIES WITH THE PLAN SHALL REPORT TO THE ENGINEER IMMEDIATELY FOR RESOLUTION OF THE CONFLICT.
- 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 REATLY SAW-CUT AND THE NEW REPATCHING MATERIAL SHALL BE PROPERLY SEALED IN ACCORDANCE WITH THE CITY OF SOMERVILLE MUNICIPAL STANDARDS.
- DURING EXCAVATION AND CONSTRUCTION OF PIPES AND STRUCTURES, TRENCHES MUST BE ADEQUATELY BRACED AND PROTECTED AGAINST CAVE-IN.
- 12. NO TRENCHES WILL BE 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 FEET.

PIPE MATERIALS:

DOMESTIC WATER SERVICE: 1.5" COPPER TYPE K

FIRE SERVICE: 2" COPPER TYPE K

SEWER SERVICE: 6" PVC ASTM D3034-SDR 35, SLOPE=0.020 FT/FT (MINIMUM)

STORM DRAIN: 8" PVC SCHEDULE 40

ROOF DRAINS: 4" PVC SCHEDULE 40

THRUST BLOCKS:

CONCRETE THRUST BLOCKS TO BE USED ONLY WHERE IT WILL BEAR ON UNDISTURBED EARTH. USE RESTRAINED JOINT FITTINGS (MEGALUG OR APPROVED EQUIAL) WHERE CONCRETE THRUST BLOCK IS UNACCEPTABLE SIZE OF BLOCK OR MEGALUG TO BE DESIGNED FOR SPECIFIC CONDITIONS

SEWER CLEANOUTS & INTERNAL SEWER SERVICES:

THE OWNER SHALL FURNISH AND INSTALL ALL SEWER CLEANOUTS. EXACT LOCATION OF ALL SEWER CLEANOUTS AND INTERNAL SEWER SERVICES TO BE CONFIRMED/ COORDINATED BY MECHANICAL ENGINEER AND ARCHITECT.

PIPE COVER:

ALL WATER SERVICE AND WATER MAIN PIPING SHALL BE INSTALLED WITH A MINIMUM COVER OF FIVE (5) FEET THROUGHOUT.

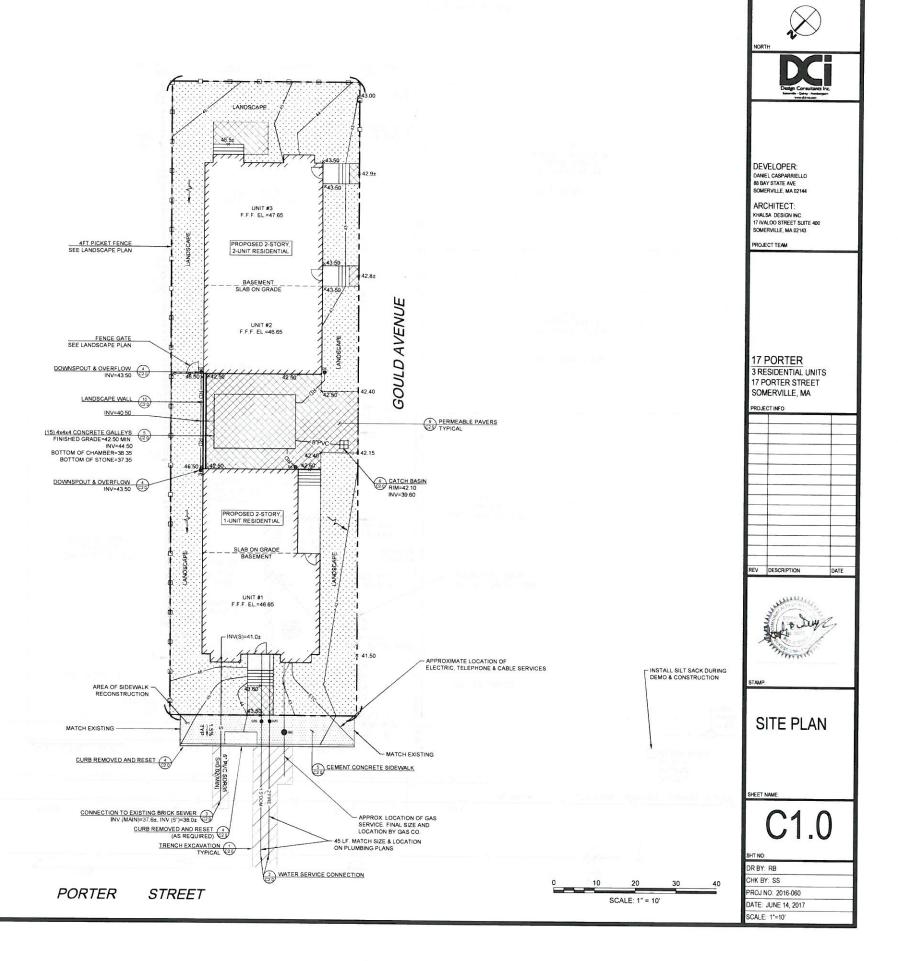
SANITARY FLOW

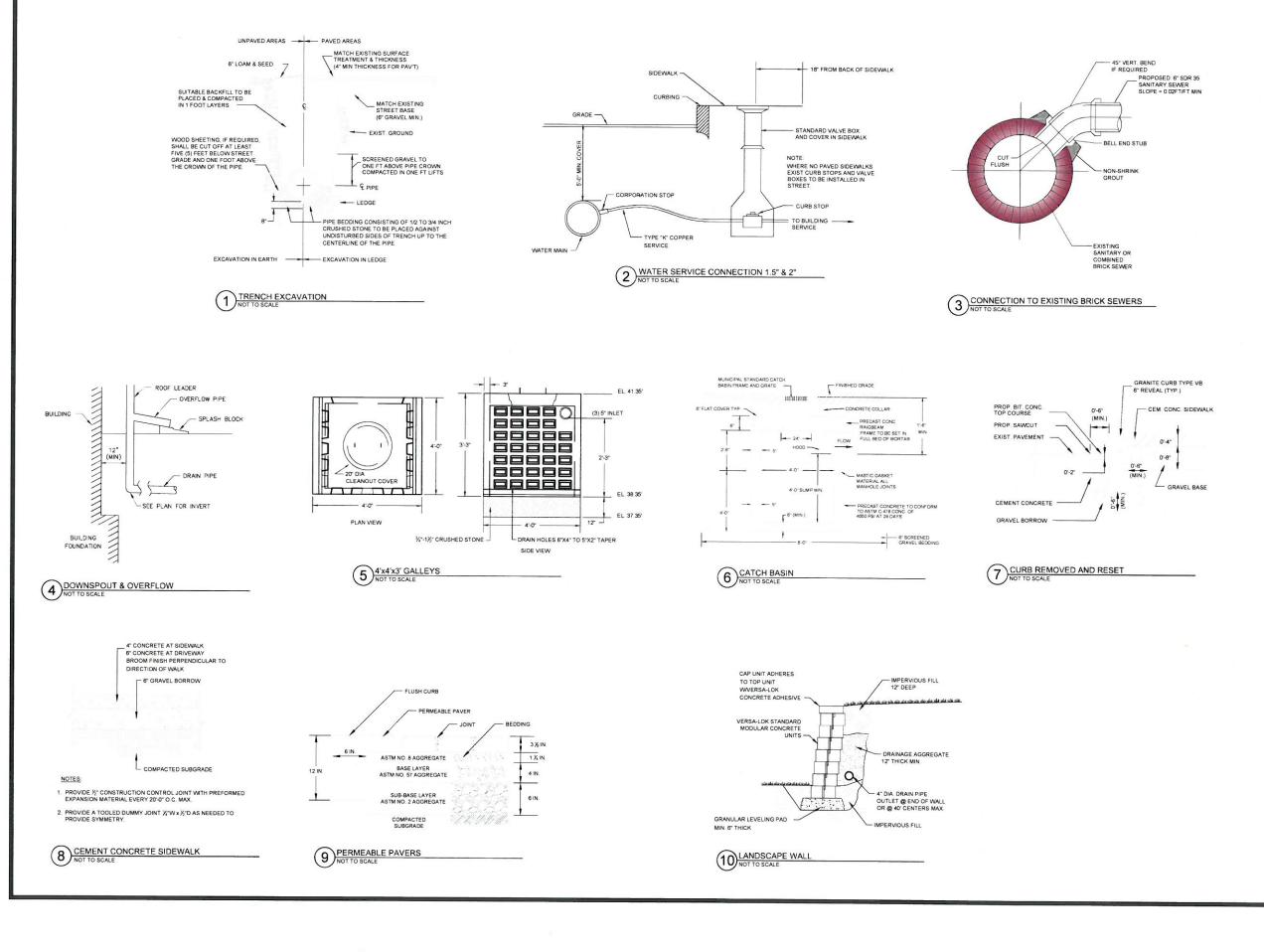
PROPOSED
6 BEDROOMS x 110 gpd/bed = 660 gpd

SUBTRACT EXISTING
5 BEDROOMS x 110 gpd/bay = 550 gpd

TOTAL 660 gpd - 550 gpd = 110 gpd (INCREASE)

LEGEND	ш	EGEND
	90	GAS GATE
	w.c O	WATER GATE
	**	WATER SHUT-OFF
	¥	FIRE HYDRANT
	(5)	SEWER MANHOLE
	•	TELEPHONE MANHOLE
	(1)	ELECTRIC MANHOLE
	0	DRAIN MANHOLE
	田田	CATCH BASIN
	RD	ROOF DRAIN
	08	DOWN SPOUT
	©	MONITOR WELL
	80	GAS METER
	——s——s——	SEWER LINE
	D	DRAIN LINE
		WATER LINE
		Ossali (Carlos associ)
	GG	GAS LINE
	TELE	TELEPHONE AND CABLE
	ELECELEC	ELECTRIC SERVICE
	_1	DRAINAGE FLOW







DEVELOPER: DANIEL CASPARRIELLO 88 BAY STATE AVE SOMERVILLE, MA 02144

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

PROJECT TEAM

17 PORTER 3 RESIDENTIAL UNITS 17 PORTER STREET SOMERVILLE, MA

PROJECT INF

REV DESCRIPTION DATE



STAMP:

SITE DETAILS

SHEET NAM

C2.0

SHT NO.

DR BY: RB

CHK BY: SS

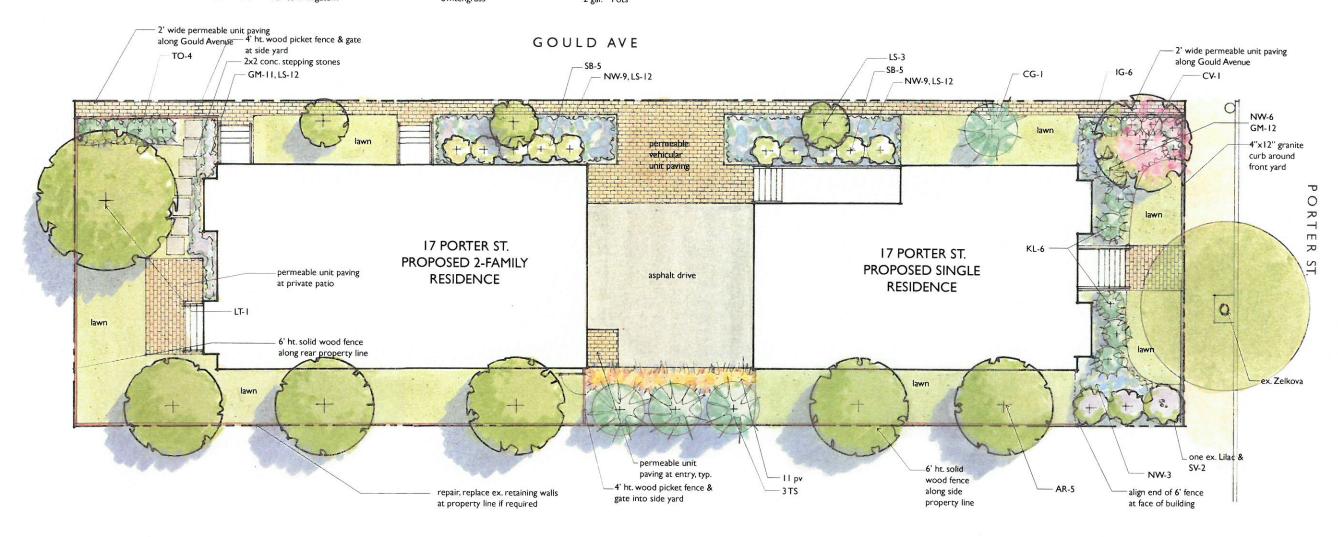
PROJ NO: 2016-060

DATE: JUNE 14, 2017

SCALE: 1"=10"

PROPOSED PLANT LIST

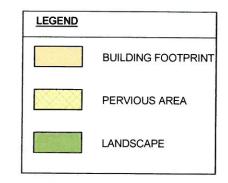
Tree	S:			
5	AR	Acer rubrum 'Armstrong'	Fastigiate Red Maple	2.5" cal. B&B
1	CG	Cedrus atlantica 'Glauca'	Atlas Blue Cedar	7-8' ht. B&B
3	LS	Liquidambar styraciflua 'Slender Silouette'	Fastigiate Sweetgum	2.5" cal. B&B
1	LT	Liriodendron tluipifera	Tuliptree	3" cal. B&B
4	TO	Thuja occidentalis 'Emerald Green'	Emerald Green Arb	6-7' ht. B&B
3	TS	Thuja 'Techny'	Techny Arborvitae	6-7' ht. B&B
Shru	bs:			
6	IG	Ilex glabra 'Shamrock'	Shamrock Inberry	24" ht. Pots
6	KL	Kalmia latifolia	Mountain Laurel	5 gal. Pots
10	SB	Spiraea prunifolia	Bridal Wreath Spirea	5 gal. Pots
2	SV	Syringa vulgaris	Common Lilac	36" ht. B&B
Pere	nnials:			
23	GM	Geranium macrorrizhum 'Bevan's Variety'	Bevans Geranium	I gal. Pots
24	LS	Liriope spicata	Lilyturf	I gal. Pots
27	NW	Nepeta 'Walkers Low'	Catmint	2 gal. Pots
11	PV	Panicum virgatum	Switchgrass	2 gal Pots











BUILDING STATISTICS:

TOTAL SQUARE FOOTAGE OF BUILDING (EXCLUDING GARAGE) = 5.653 SF TOTAL SQUARE FOOTAGE OF BUILDING INCLUDING GARAGE = 6,747 SF

UNIT 1 SQUARE FOOTAGE = 2,573 GSF UNIT 2 SQUARE FOOTAGE = 1,483 GSF UNIT 3 SQUARE FOOTAGE = 1,597 GSF

4 FULL SIZE PARKING SPOTS PROVIDED

2 STORIES PLUS BASEMENT

Somerville MA CLIENT Dan Casparriello ARCHITECT KHALSA 17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 ELEPHONE: 617-591-8682 FAX: 617-591-20 CONSULTANTS:

PROJECT NAME

PROJECT ADDRESS

Porter Street

Residences

17 Porter Street.

1) Site 1/8" = 1'-0"

	ALLOWED / REQUIRED	EXISTING	PROPOSED	COMPLIANCE
ZONE	RB			w)
USE	VARIES	2 FAMILY DWELLING	3 FAMILY DWELLING	COMPLIES
MIN LOT SIZE	7,500 MIN.	7,176 SF	7,176 SF	REQUIRES RELIEF
MIN LOT PER DWELLING	1,500 S.F. / DU	3,588 S.F. / DU	2,392 S.F. / DU	COMPLIES
MAX GROUND COVERAGE	50%	25%	38%	COMPLIES
LANDSCAPE AREA	25%	30%	46%	COMPLIES
MAX FLOOR AREA RATIO (FAR)	1.0	.29 (2,102 S.F.)	.78 (5,653 SF)	COMPLIES
MAX BUILDING HEIGHT	40'-0" / 3 STORIES	30'-0"	31'-8"	COMPLIES
MIN YARD FRONT SIDE REAR	15'-0" 8'-0" MIN. / 17'-0" SUM 20'-0"	11'-2" 1'8" (L) 1'-0" (R) 86'-3"	15'-0" 8'-0" (L) 9'-0"(R) 20'-0"	COMPLIES COMPLIES COMPLIES
MIN FRONTAGE	50'-0"	46'-0"	46'-0"	REQUIRES RELIEF
PERVIOUS AREA, MIN % OF LOT	35%	70% (4.997 S.F.)	58.5% (4,178 S.F.)	COMPLIES
PARKING REQUIREMENTS	1.5 / DU =4.5 SPACES	2 SPACES	4 FULL SIZE SPACES	REQUIRES RELIEF
BICYCLE PARKING	1	UNKNOWN	3 BIKE RACKS	COMPLIES

Name	Area	Level
UNIT 3	376 SF	Basement Level
UNIT 2	376 SF	Basement Level
UNIT 1	619 SF	Basement Level
UNIT 3	636 SF	1st Floor Plan
UNIT 2	264 SF	1st Floor Plan
UNIT 2 GARAGE	305 SF	1st Floor Plan
UNIT 3 GARAGE	305 SF	1st Floor Plan
UNIT 1	750 SF	1st Floor Plan
UNIT 1 GARAGE	484 SF	1st Floor Plan
UNIT 1	1204 SF	2nd Floor Plan
UNIT 2	843 SF	2nd Floor Plan
UNIT 3	585 SF	2nd Floor Plan

Section 8.5, Footnote 5: Front yard: If the average front yard depth of two (2) or more existing buildings on each side of a lot within one hundred (100) feet and within the district and same block, uninterrupted by an intersection, is less than required front yard, the average of such existing front yard depths may be the required front yard the front yard depths may be the required front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less, but in no case may the front yard depth for buildings of three (3) stories or less t

Fences, walls, steps, patios: Dimensional provisions of this Article shall not apply to:

front yard fences or walls not over four (4) feet high above the average natural grade, and side or rear yard fences/walls not over six (6) feet high above the average natural grade;

• steps of a height no more than three (3) feet above average grade;

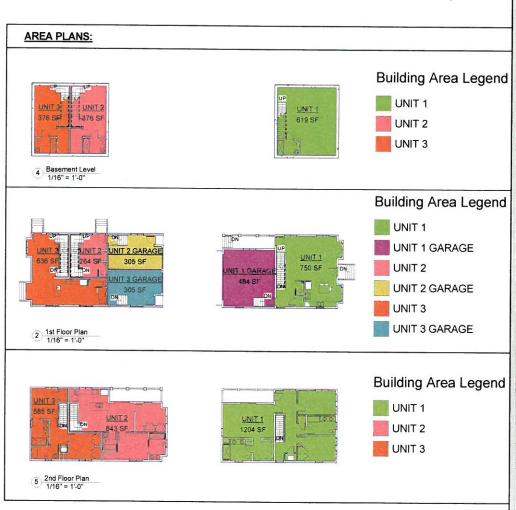
Section 8.5, Footnote 7: Side Yards in RA, RB, RC, and OS Districts:

No. of stories of building: Least width of side yard: Sum width both side yards:

1 or 1-1/2 14 feet 2 or 2-1/2 8 feet 17 feet 10 feet 20 feet 4 & over 1/3 bldg. height 2/3 bldg. height

Section 8.5, Footnote 8: Side yards for corner lots: The owner of a corner lot shall, for the purposes of this Ordinance, have the privilege of designating either corner lot line the side lot line.

Section 8.5, Footnote 9: Side yards for townhouse buildings: Whenever a building of two (2) or more townhouse units is built with a common fire wall with another dwelling, the side yards shall be at least fifty (50) percent greater than the minimum widths prescribed above in footnote 7.



















PROJECT NAME

Porter Street Residences

PROJECT ADDRESS

17 Porter Street. Somerville MA

CLIENT

Dan Casparriello

ARCHITECT



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

CONSULTANTS:



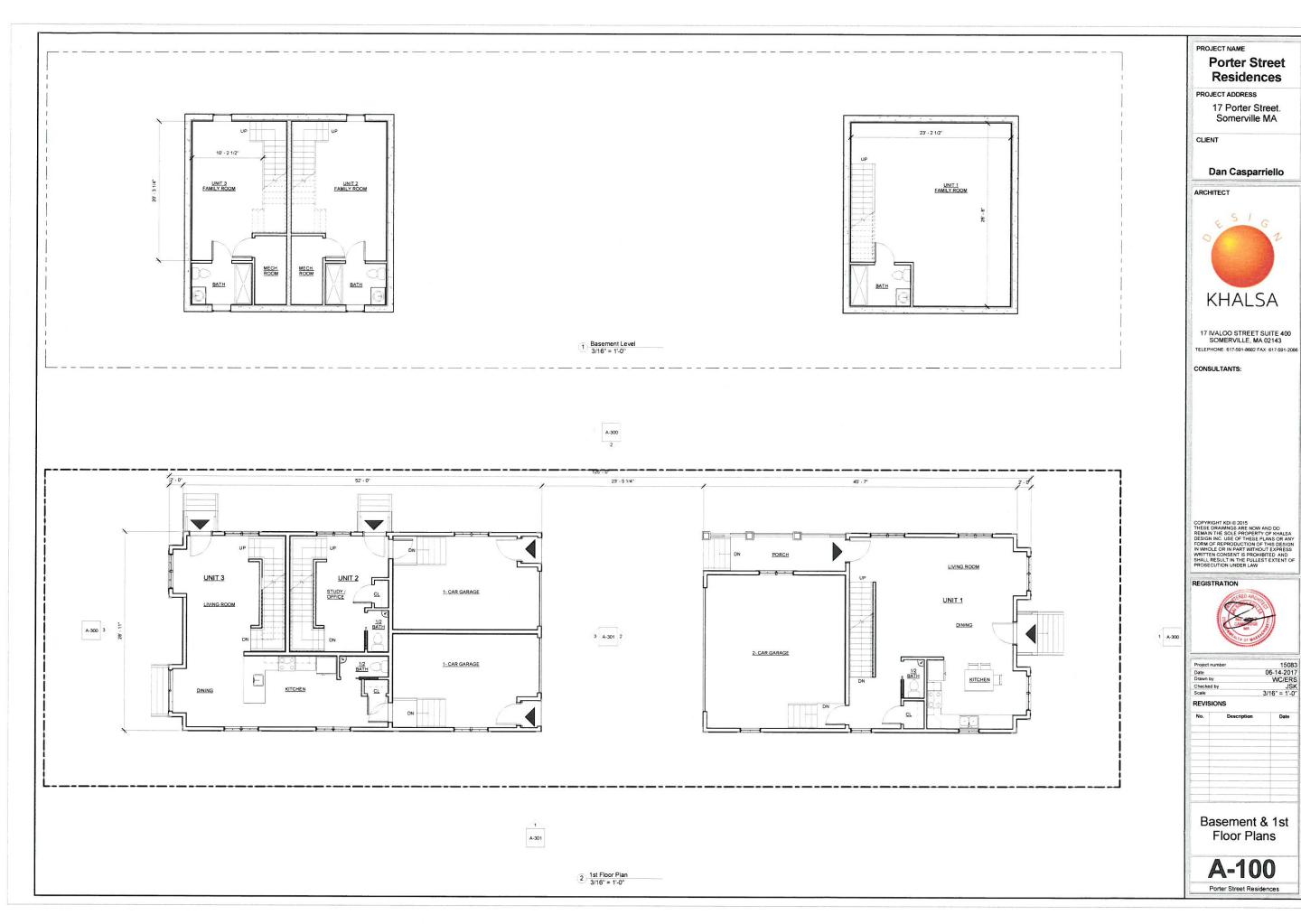
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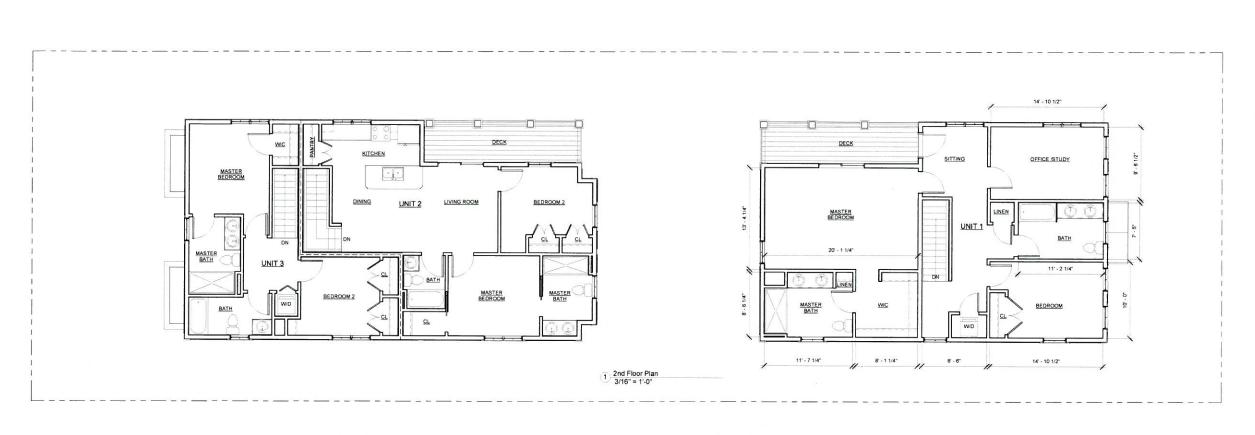
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Existing Images









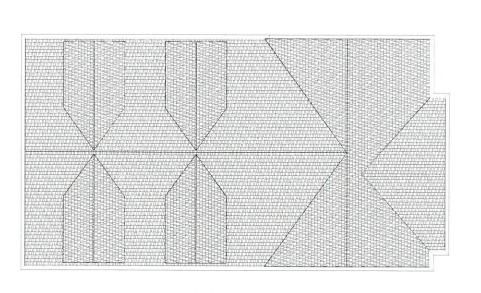
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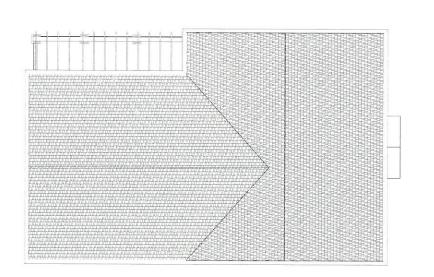
PROJECT ADDRESS

CLIENT

Porter Street Residences

17 Porter Street. Somerville MA

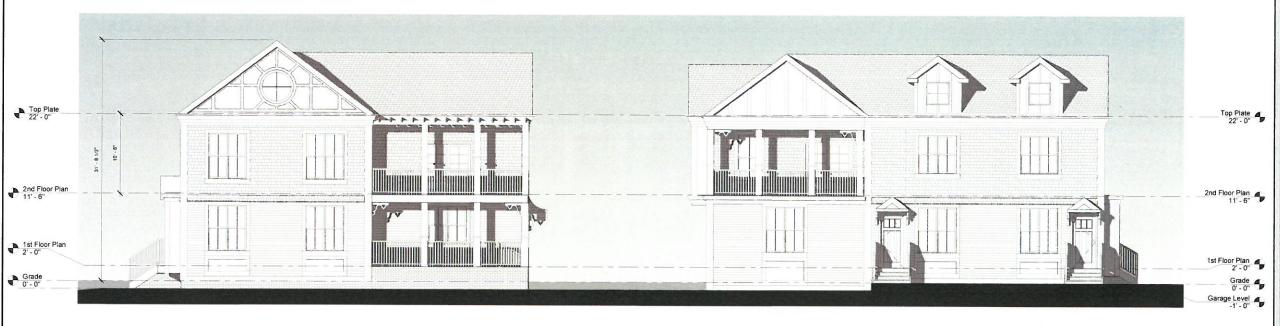




2 Roof Level 3/16" = 1'-0" 2nd Floor Plan & Roof Plan

REVISIONS

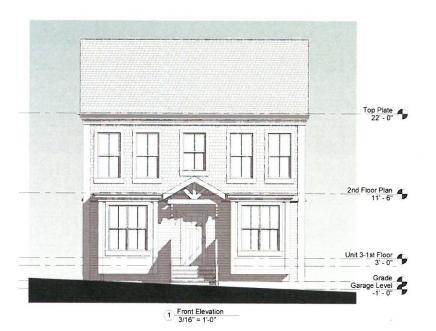
A-101



2 Gould Street Elevation 3/16" = 1'-0"

EXTERIOR MATERIALS

CLAPBOARDS - HARDI BOARD
SHAKES - HARDI SHAKES
-TRIM - PVC TRIMBOARDS & BRACKETS
-THIN BRICK ON STAIRWELLS AND FOUNDATION
-COMPOSITE DECKING AND RAILINGS
-ROOFING - ASPHALT SHINGLES





3 Rear Elevation 3/16" = 1'-0" PROJECT NAME

Porter Street Residences

PROJECT ADDRESS

17 Porter Street.
Somerville MA

CLIENT

Dan Casparriello

ARCHITECT



17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2080

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| Project number | 15083 | Date | 06-14-2017 | Drawn by | ERS | Checked by | JSK | Scale | 3/16" = 1'-0"

REVISIONS

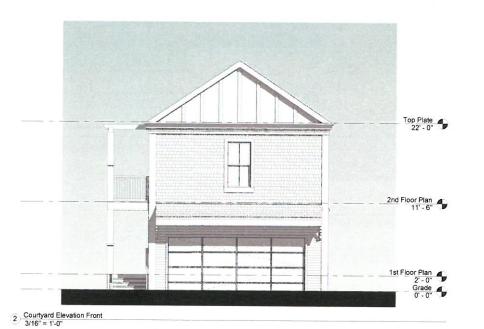
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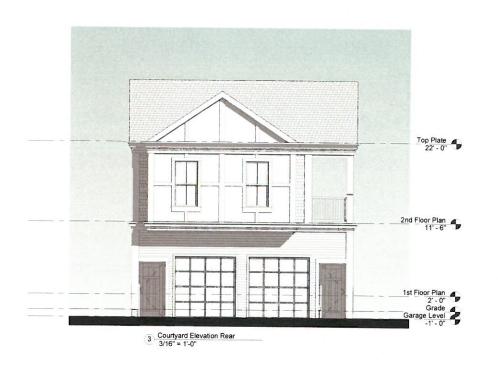
Building Elevations

A-300
Porter Street Residences

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PROJECT NAME **Porter Street** Residences PROJECT ADDRESS 17 Porter Street. Somerville MA CLIENT Dan Casparriello ARCHITECT KHALSA 17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2084 CONSULTANTS:

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 Author

 Checked by
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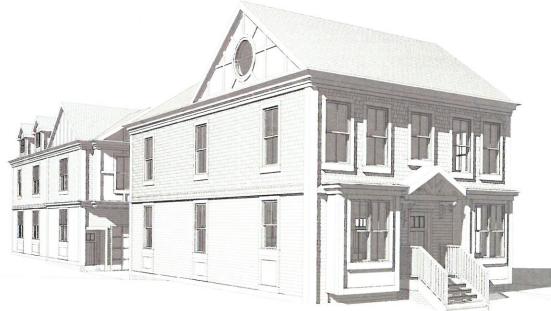
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No.	Description	Date
		-

Exterior Elevations













PROJECT NAM

Porter Street Residences

PROJECT ADDRESS

17 Porter Street. Somerville MA

CLIENT

Dan Casparriello

ARCHITECT



KHALSA

17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8882 FAX: 617-591-208

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Project number 15083
Date 06-14-2017
Drawn by WC/ERS
Checked by JSK
Scale

REVISIONS

No. Description Date

Perspectives

AV-1